

# SAR TEST REPORT



The following samples were submitted and identified on behalf of the client as:

<b>Equipment Under Test</b>	ASUS Phone (Mobile Phone)
<b>Marketing Name</b>	ROG Phone 3
<b>Brand Name</b>	ASUS
<b>Company Name</b>	ASUSTeK COMPUTER INC.
<b>Company Address</b>	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
<b>Standards</b>	IEEE/ANSI C95.1-1992, IEEE 1528-2013,
<b>FCC ID</b>	MSQI003D
<b>Date of Receipt</b>	May. 06, 2020
<b>Date of Test(s)</b>	Jun. 11, 2020 ~ Aug. 27, 2020
<b>Date of Issue</b>	Sep. 02, 2020

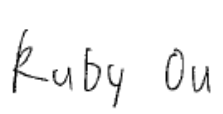

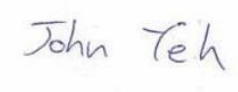
In the configuration tested, the EUT complied with the standards specified above.

## Remarks:

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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## Signed on behalf of SGS

Clerk / Ruby Ou	Supervisor / Afu Chen	Asst. Manager / John Yeh
		

Date: Sep. 02, 2020

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## Revision History

Report Number	Revision	Description	Issue Date
ES/2020/30005	Rev.00	Initial creation of document	Sep. 02, 2020

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## 0. Guidance applied

The SAR testing method and procedure for this device is in accordance with the following standards:

IEEE/ANSI C95.1-1992

IEEE 1528-2013

KDB447498D01v06

KDB865664D01v01r04

KDB865664D02v01r02

KDB648474D04v01r03

KDB941225D01v03r01

KDB941225D05v02r05

KDB941225D05Av01r02

KDB941225D06v02r01

KDB248227D01v02r02

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# 1. General Information

## 1.1 Testing Laboratory

SGS Taiwan Ltd. Central RF Lab	
No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan	
Tel	+886-2-2299-3279
Fax	+886-2-2298-0488
Internet	<a href="http://www.tw.sgs.com/">http://www.tw.sgs.com/</a>

## 1.2 Details of Applicant

Company Name	ASUSTeK COMPUTER INC.
Company Address	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

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### 1.3 Description of EUT

EUT Name	ASUS Phone (Mobile Phone)			
FCC ID	MSQI003D			
Brand Name	ASUS			
Marketing Name	ROG Phone 3			
Mode of Operation	<input checked="" type="checkbox"/> GSM <input checked="" type="checkbox"/> GPRS <input checked="" type="checkbox"/> WCDMA <input checked="" type="checkbox"/> HSDPA <input checked="" type="checkbox"/> HSUPA <input checked="" type="checkbox"/> HSPA+ <input checked="" type="checkbox"/> DC-HSDPA <input checked="" type="checkbox"/> LTE FDD <input checked="" type="checkbox"/> LTE TDD <input checked="" type="checkbox"/> 5GNR <input checked="" type="checkbox"/> WLAN802.11 a/b/g/n/ac/ax(20M/40M/80M) <input checked="" type="checkbox"/> Bluetooth			
Duty Cycle	GSM (DTM multi class B)	1/8.3		
	GPRS (support multi class 10 max)	1/4.1 (1Dn2UP) 1/8.3 (1Dn1UP)		
	EDGE (support multi class 10 max)	1/4.1 (1Dn2UP) 1/8.3 (1Dn1UP)		
	LTE FDD	1		
	LTE TDD	0.633		
	WCDMA	1		
	5G NR	1		
	WLAN802.11a/b/g/n/ac/ax (20M/40M/80M)	1		
	Bluetooth	1		
	TX Frequency Range (MHz)	GSM850	824	—
GSM1900		1850	—	1910
WCDMA Band II		1850	—	1910
WCDMA Band IV		1710	—	1755
WCDMA Band V		824	—	849
LTE FDD Band 2		1850	—	1910
LTE FDD Band 4		1710	—	1755
LTE FDD Band 5		824	—	849
LTE FDD Band 7		2500	—	2570
LTE FDD Band 12		699	—	716
LTE FDD Band 13		777	—	787
LTE FDD Band 17		704	—	716

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TX Frequency Range (MHz)	LTE FDD Band 25	1850	—	1915
	LTE FDD Band 26	814	—	849
	LTE FDD Band 30	2305	—	2315
	LTE TDD Band 38	2570	—	2620
	LTE TDD Band 41	2496	—	2690
	LTE TDD Band 48	3550	—	3700
	LTE FDD Band 66	1710	—	1780
	LTE FDD Band 71	663	—	698
	n2	1850	—	1910
	n5	842	—	849
	n41	2496	—	2690
	n66	1710	—	1780
	n71	663	—	698
	WLAN802.11 b/g/n/ax(20M)	2412	—	2462
	WLAN802.11 n/ax(40M)	2422	—	2452
	WLAN802.11 a/n/ac/ax(20M) 5.2G	5180	—	5240
	WLAN802.11 n/ac/ax(40M) 5.2G	5190	—	5230
	WLAN802.11 ac/ax(80M) 5.2G	5210		
	WLAN802.11 a/n/ac/ax(20M) 5.3G	5260	—	5320
	WLAN802.11 n/ac/ax(40M) 5.3G	5270	—	5310
	WLAN802.11 ac/ax(80M) 5.3G	5290		
	WLAN802.11 a/n/ac/ax(20M) 5.6G	5500	—	5720
	WLAN802.11 n/ac/ax(40M) 5.6G	5510	—	5710
	WLAN802.11 ac/ax(80M) 5.6G	5530	—	5690
	WLAN802.11 a/n/ac/ax(20M) 5.8G	5745	—	5825
	WLAN802.11 n/ac/ax(40M) 5.8G	5755	—	5795
	WLAN802.11 ac/ax(80M) 5.8G	5775		

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TX Frequency Range (MHz)	Bluetooth	2402	—	2480
Channel Number (ARFCN)	GSM850	128	—	251
	GSM1900	512	—	810
	WCDMA Band II	9262	—	9538
	WCDMA Band IV	1312	—	1513
	WCDMA Band V	4132	—	4233
	LTE FDD Band 2	18607	—	19193
	LTE FDD Band 4	19957	—	20393
	LTE FDD Band 5	20407	—	20643
	LTE FDD Band 7	20775	—	21425
	LTE FDD Band 12	23017	—	23173
	LTE FDD Band 13	23205	—	23255
	LTE FDD Band 17	23755	—	23825
	LTE FDD Band 25	26047	—	26683
	LTE FDD Band 26	26697	—	27033
	LTE FDD Band 30	27685	—	27735
	LTE TDD Band 38	37775	—	38225
	LTE TDD Band 41	39675	—	41565
	LTE TDD Band 48	55265	—	56715
	LTE FDD Band 66	131979	—	132665
	LTE FDD Band 71	133147	—	133447
n2	370500	—	381500	
n5	165300	—	169300	
n41	501204	—	535998	
n66	342500	—	354500	
n71	133100	—	139100	

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Channel Number (ARFCN)	WLAN802.11 b/g/n/ax(20M)	1	—	11
	WLAN802.11 n/ax(40M)	3	—	9
	WLAN802.11 a/n/ac/ax(20M) 5.2G	36	—	48
	WLAN802.11 n/ac/ax(40M) 5.2G	38	—	46
	WLAN802.11 ac/ax(80M) 5.2G		42	
	WLAN802.11 a/n/ac/ax(20M) 5.3G	52	—	64
	WLAN802.11 n/ac/ax(40M) 5.3G	54	—	62
	WLAN802.11 ac/ax(80M) 5.3G		58	
	WLAN802.11 a/n/ac/ax(20M) 5.6G	100	—	144
	WLAN802.11 n/ac/ax(40M) 5.6G	102	—	142
	WLAN802.11 ac/ax(80M) 5.6G	106	—	138
	WLAN802.11 a/n/ac/ax(20M) 5.8G	149	—	165
	WLAN802.11 n/ac/ax(40M) 5.8G	151	—	159
	Bluetooth	0	—	78

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**WWAN**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Head	GSM 850	0.76	1.15	<input type="checkbox"/> Left <input checked="" type="checkbox"/> Right <input checked="" type="checkbox"/> Cheek <input type="checkbox"/> Tilt 251 Channel

**5G NR**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Head	n2	0.09	0.09	<input type="checkbox"/> Left <input checked="" type="checkbox"/> Right <input checked="" type="checkbox"/> Cheek <input type="checkbox"/> Tilt 376000 Channel

**WLAN Antenna**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Head	WLAN802.11 b	1.04	1.10	<input checked="" type="checkbox"/> Left <input type="checkbox"/> Right <input checked="" type="checkbox"/> Cheek <input type="checkbox"/> Tilt 1 Channel
	WLAN802.11ac(80M) 5.6G	1.17	1.17	<input checked="" type="checkbox"/> Left <input type="checkbox"/> Right <input checked="" type="checkbox"/> Cheek <input type="checkbox"/> Tilt 138 Channel
	Bluetooth	0.53	0.59	<input checked="" type="checkbox"/> Left <input type="checkbox"/> Right <input checked="" type="checkbox"/> Cheek <input type="checkbox"/> Tilt 18 Channel

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**WWAN**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Body-worn	LTE FDD Band 25	0.50	0.62	<input type="checkbox"/> Front 26140 Channel <input checked="" type="checkbox"/> Back Channel

**5G NR**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Body-worn	n2	0.27	0.28	<input type="checkbox"/> Front 376000 Channel <input checked="" type="checkbox"/> Back Channel

**WLAN Antenna**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Body-worn	WLAN802.11 b	0.15	0.16	<input type="checkbox"/> Front 11 Channel <input checked="" type="checkbox"/> Back Channel
	WLAN802.11a5.3G	0.88	0.88	<input type="checkbox"/> Front 52 Channel <input checked="" type="checkbox"/> Back Channel
	Bluetooth	0.15	0.17	<input type="checkbox"/> Front 18 Channel <input checked="" type="checkbox"/> Back Channel

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**WWAN**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Hotspot mode	WCDMA Band II	1.13	1.17	<input type="checkbox"/> Front <input type="checkbox"/> Back <input type="checkbox"/> Top <input type="checkbox"/> Right <input type="checkbox"/> Left <input checked="" type="checkbox"/> Bottom 9538 Channel

**5G NR**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Hotspot mode	n41	1.01	1.02	<input type="checkbox"/> Front <input checked="" type="checkbox"/> Back <input type="checkbox"/> Top <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Bottom 509202 Channel

**WLAN Antenna**

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Hotspot mode	WLAN802.11 b	0.15	0.15	<input type="checkbox"/> Front <input checked="" type="checkbox"/> Back <input type="checkbox"/> Top <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Bottom 11 Channel
	WLAN802.11n(20M)5.3G	0.82	0.82	<input type="checkbox"/> Front <input checked="" type="checkbox"/> Back <input type="checkbox"/> Top <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Bottom 60 Channel
	Bluetooth	0.04	0.04	<input type="checkbox"/> Front <input checked="" type="checkbox"/> Back <input type="checkbox"/> Top <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Bottom 18 Channel

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**WWAN Antenna**

Max. SAR (10 g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Product specific 10-g SAR	WCDMA Band IV	3.02	3.44	<input type="checkbox"/> Front <input type="checkbox"/> Back <input type="checkbox"/> Top <input type="checkbox"/> Right <input type="checkbox"/> Left <input checked="" type="checkbox"/> Bottom 1412 Channel

**5G NR**

Max. SAR (10 g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Product specific 10-g SAR	n41	3.51	3.53	<input type="checkbox"/> Front <input checked="" type="checkbox"/> Back <input type="checkbox"/> Top <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Bottom 509202 Channel

**WLAN Antenna**

Max. SAR (10 g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Product specific 10-g SAR	WLAN802.11a5.6G	1.21	1.28	<input type="checkbox"/> Front <input checked="" type="checkbox"/> Back <input type="checkbox"/> Top <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Bottom 100 Channel

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**Default power**
**2G**
**GSM 850 - conducted power table:**

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

**GPRS 850 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	34
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	32.13
	836.6	190	32.48	32.20
	848.8	251	32.27	32.19
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	26.11
	836.6	190	23.45	26.18
	848.8	251	23.24	26.17
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**EDGE 850 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			29	29
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
EDGE 850 (8PSK)	824.2	128	26.52	26.10
	836.6	190	26.72	26.34
	848.8	251	26.42	26.30
Source-based time average power				
EDGE 850 (8PSK)	824.2	128	17.49	20.08
	836.6	190	17.69	20.32
	848.8	251	17.39	20.28
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**GSM 1900 - conducted power table:**

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM1900 (GMSK)	1850.2	512	31	30.13	21.10
	1800	661	31	30.50	21.47
	1909.8	810	31	30.22	21.19
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

**GPRS 1900 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			31	31
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 1900 (GMSK)	1850.2	512	30.26	29.98
	1880	661	30.55	30.39
	1909.8	810	30.23	30.10
Source-based time average power				
GPRS 1900 (GMSK)	1850.2	512	21.23	23.96
	1880	661	21.52	24.37
	1909.8	810	21.20	24.08
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**EDGE 1900 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			28	28
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
EDGE 1900 (8PSK)	1850.2	512	25.80	25.32
	1880	661	25.84	25.82
	1909.8	810	25.71	25.50
Source-based time average power				
EDGE 1900 (8PSK)	1850.2	512	16.77	19.30
	1880	661	16.81	19.80
	1909.8	810	16.68	19.48
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**Default power**
**3G**
**WCDMA Band II / Band IV / Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA  
Conducted power table (Unit: dBm):**

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>24.50</b>		
3GPP Rel 99	RMC 12.2Kbps	23.09	23.11	23.04
3GPP Rel 5	HSDPA Subtest-1	22.17	22.14	22.05
	HSDPA Subtest-2	22.15	22.15	22.03
	HSDPA Subtest-3	21.63	21.62	21.56
	HSDPA Subtest-4	21.86	21.66	21.57
3GPP Rel 6	HSUPA Subtest-1	22.18	22.10	22.03
	HSUPA Subtest-2	21.63	21.64	21.55
	HSUPA Subtest-3	22.16	22.14	21.98
	HSUPA Subtest-4	22.18	22.11	22.04
	HSUPA Subtest-5	22.13	22.07	22.05
3GPP Rel 7	HSUPA Subtest-1	22.17	22.14	22.05
3GPP Rel 8	HSUPA Subtest-2	22.01	21.98	21.89
	HSUPA Subtest-3	22.11	22.11	21.99
	HSUPA Subtest-4	21.53	21.52	21.46
	HSUPA Subtest-5	21.85	21.65	21.56

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Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>23.50</b>		
3GPP Rel 99	RMC 12.2Kbps	22.96	22.93	22.97
3GPP Rel 5	HSDPA Subtest-1	21.98	21.99	21.98
	HSDPA Subtest-2	22.03	21.96	21.95
	HSDPA Subtest-3	21.51	21.52	21.46
	HSDPA Subtest-4	21.47	21.50	21.47
3GPP Rel 6	HSUPA Subtest-1	22.04	21.89	21.96
	HSUPA Subtest-2	21.50	21.49	21.48
	HSUPA Subtest-3	21.98	21.97	21.94
	HSUPA Subtest-4	21.96	21.95	21.97
	HSUPA Subtest-5	21.93	21.93	21.92
3GPP Rel 7	HSUPA Subtest-1	21.92	21.93	21.92
3GPP Rel 8	HSUPA Subtest-2	21.92	21.85	21.84
	HSUPA Subtest-3	21.42	21.43	21.37
	HSUPA Subtest-4	21.43	21.46	21.43
	HSUPA Subtest-5	21.95	21.80	21.87
Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>24.50</b>		
3GPP Rel 99	RMC 12.2Kbps	23.18	23.13	23.09
3GPP Rel 5	HSDPA Subtest-1	22.15	22.07	23.11
	HSDPA Subtest-2	22.21	22.36	23.10
	HSDPA Subtest-3	21.64	21.86	23.13
	HSDPA Subtest-4	21.67	21.77	23.12
3GPP Rel 6	HSUPA Subtest-1	22.15	22.10	22.03
	HSUPA Subtest-2	21.66	21.59	21.61
	HSUPA Subtest-3	22.14	22.05	22.12
	HSUPA Subtest-4	22.15	22.09	22.08
	HSUPA Subtest-5	22.18	22.05	22.06
3GPP Rel 7	HSUPA Subtest-1	22.10	22.05	21.98
3GPP Rel 8	HSUPA Subtest-2	21.63	21.56	21.58
	HSUPA Subtest-3	21.98	21.89	21.96
	HSUPA Subtest-4	22.01	21.95	21.94
	HSUPA Subtest-5	22.05	21.92	21.93

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## Subtests for WCDMA Release 5 HSDPA

SUB-TEST	$\beta_c$	$\beta_d$	$\beta_d$ (SF)	$\beta_c/\beta_d$	$\beta_{HS}$ (Note 1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15	15/15	64	12/15	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

## Subtests for WCDMA Release 6 HSUPA

SUB-TEST	$\beta_c$	$\beta_d$	$\beta_d$ (SF)	$\beta_c/\beta_d$	$\beta_{HS}$ (Note 1)	$\beta_{ec}$	$\beta_{ed}$ (Note 5) (Note 6)	$\beta_{ed}$ (SF)	$\beta_{ed}$ (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 6)	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed1}$ : 47/15 $\beta_{ed2}$ : 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	15/15	64	15/15	30/15	24/15	134/15	4	1	1.0	0.0	21	81

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SWM/Modulation	RB Size	RB Offset	FDD Band 0					SWM/Modulation	RB Size	RB Offset	FDD Band 0					SWM/Modulation	RB Size	RB Offset	FDD Band 0					SWM/Modulation	RB Size	RB Offset	FDD Band 0				
			Frequency (MHz)	Channel	Conductance (dBm)	Target Power (dBm)	ERP (dBm)				Frequency (MHz)	Channel	Conductance (dBm)	Target Power (dBm)	ERP (dBm)				Frequency (MHz)	Channel	Conductance (dBm)	Target Power (dBm)	ERP (dBm)				Frequency (MHz)	Channel	Conductance (dBm)	Target Power (dBm)	ERP (dBm)
OFDM	1 RB	0	B40	24450	21.50	24.50	0	1 RB	12	0	B40	24450	21.50	24.50	0	OFDM	1 RB	2	B40	24450	21.50	24.50	0	OFDM	3 RB	2	B40	24450	21.50	24.50	0
			B41	24450	21.50	24.50	0				B41	24450	21.50	24.50	0				B41	24450	21.50	24.50	0				B41	24450	21.50	24.50	0
			B42	24450	21.50	24.50	0				B42	24450	21.50	24.50	0				B42	24450	21.50	24.50	0				B42	24450	21.50	24.50	0
			B43	24450	21.50	24.50	0				B43	24450	21.50	24.50	0				B43	24450	21.50	24.50	0				B43	24450	21.50	24.50	0
			B44	24450	21.50	24.50	0				B44	24450	21.50	24.50	0				B44	24450	21.50	24.50	0				B44	24450	21.50	24.50	0
			B45	24450	21.50	24.50	0				B45	24450	21.50	24.50	0				B45	24450	21.50	24.50	0				B45	24450	21.50	24.50	0
	25 RB	0	B20	24450	21.50	24.50	0	12 RB	6	0	B20	24450	21.50	24.50	0	OFDM	3 RB	2	B20	24450	21.50	24.50	0	OFDM	6 RB	2	B20	24450	21.50	24.50	0
			B21	24450	21.50	24.50	0				B21	24450	21.50	24.50	0				B21	24450	21.50	24.50	0				B21	24450	21.50	24.50	0
			B22	24450	21.50	24.50	0				B22	24450	21.50	24.50	0				B22	24450	21.50	24.50	0				B22	24450	21.50	24.50	0
			B23	24450	21.50	24.50	0				B23	24450	21.50	24.50	0				B23	24450	21.50	24.50	0				B23	24450	21.50	24.50	0
			B24	24450	21.50	24.50	0				B24	24450	21.50	24.50	0				B24	24450	21.50	24.50	0				B24	24450	21.50	24.50	0
			B25	24450	21.50	24.50	0				B25	24450	21.50	24.50	0				B25	24450	21.50	24.50	0				B25	24450	21.50	24.50	0



FDD Band 7										FDD Band 7										FDD Band 7										FDD Band 7																			
SW/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance (power (dBm))	Target Power (dBm)	ERP (dBm)	ERP (dBm)	SW/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance (power (dBm))	Target Power (dBm)	ERP (dBm)	ERP (dBm)	SW/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance (power (dBm))	Target Power (dBm)	ERP (dBm)	ERP (dBm)	SW/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance (power (dBm))	Target Power (dBm)	ERP (dBm)	ERP (dBm)										
OPSK	QPSK	1 RB	0	2510	2500	22.5	25.0	0	0	OPSK	QPSK	1 RB	36	2510	2500	22.5	25.0	0	0	OPSK	QPSK	1 RB	25	2510	2500	22.5	25.0	0	0	OPSK	QPSK	1 RB	12	2510	2500	22.5	25.0	0	0	OPSK	QPSK	1 RB	12	2510	2500	22.5	25.0	0	0

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FDD Band 12										FDD Band 12										FDD Band 12										FDD Band 12																			
SW/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Center Freq. (MHz)	Bandwidth (MHz)	Power (dBm)	Power Spectral Density (dBm/Hz)	SW/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Center Freq. (MHz)	Bandwidth (MHz)	Power (dBm)	Power Spectral Density (dBm/Hz)	SW/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Center Freq. (MHz)	Bandwidth (MHz)	Power (dBm)	Power Spectral Density (dBm/Hz)	SW/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Center Freq. (MHz)	Bandwidth (MHz)	Power (dBm)	Power Spectral Density (dBm/Hz)										
OPSK	QPSK	1 RB	0	704	23060	22.62	24.50	0	0	1 RB	QPSK	12 RB	0	704	23060	22.62	24.50	0	0	1 RB	QPSK	12 RB	0	704	23060	22.62	24.50	0	0	1 RB	QPSK	12 RB	0	704	23060	22.62	24.50	0	0	1 RB	QPSK	12 RB	0	704	23060	22.62	24.50	0	0

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FDD Band 13										
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		
10	QPSK	1 RB	0	782	23230	23.10	24.50	0		
			25	782	23230	23.05	24.50	0		
			49	782	23230	23.40	24.50	0		
		25 RB	0	782	23230	22.20	23.50	-0.1		
			12	782	23230	22.27	23.50	-0.1		
			25	782	23230	22.19	23.50	-0.1		
		50RB	782	23230	22.16	23.50	-0.1			
		16-QAM	1 RB	0	782	23230	22.54	23.50	-0.1	
				25	782	23230	22.80	23.50	-0.1	
				49	782	23230	22.45	23.50	-0.1	
			25 RB	0	782	23230	21.23	22.50	-0.2	
				12	782	23230	21.20	22.50	-0.2	
	25			782	23230	21.33	22.50	-0.2		
	50RB		782	23230	21.24	22.50	-0.2			
	64-QAM		1 RB	0	782	23230	21.31	22.50	-0.2	
				25	782	23230	21.30	22.50	-0.2	
				49	782	23230	21.37	22.50	-0.2	
			25 RB	0	782	23230	20.34	21.50	-0.3	
				12	782	23230	20.39	21.50	-0.3	
		25		782	23230	20.25	21.50	-0.3		
		50RB	782	23230	20.31	21.50	-0.3			
		256-QAM	1 RB	0	782	23230	18.31	19.50	-0.5	
				25	782	23230	18.26	19.50	-0.5	
				49	782	23230	18.28	19.50	-0.5	
			25 RB	0	782	23230	18.33	19.50	-0.5	
				12	782	23230	18.33	19.50	-0.5	
	25			782	23230	18.25	19.50	-0.5		
	50RB		782	23230	18.21	19.50	-0.5			
	5		QPSK	1 RB	0	779.5	23205	22.98	24.50	0
						782	23230	22.98	24.50	0
						784.5	23255	23.26	24.50	0
					12	779.5	23205	22.84	24.50	0
						782	23230	22.85	24.50	0
		784.5				23255	23.25	24.50	0	
		24			779.5	23205	22.77	24.50	0	
					782	23230	22.82	24.50	0	
					784.5	23255	23.07	24.50	0	
		12 RB			0	779.5	23205	22.37	23.50	-0.1
						782	23230	22.35	23.50	-0.1
						784.5	23255	22.47	23.50	-0.1
				6	779.5	23205	22.35	23.50	-0.1	
					782	23230	22.32	23.50	-0.1	
					784.5	23255	22.31	23.50	-0.1	
				13	779.5	23205	22.45	23.50	-0.1	
					782	23230	22.42	23.50	-0.1	
					784.5	23255	22.45	23.50	-0.1	
				25RB	779.5	23205	22.32	23.50	-0.1	
					782	23230	22.49	23.50	-0.1	
784.5					23255	22.42	23.50	-0.1		
16-QAM		1 RB		0	779.5	23205	22.33	23.50	-0.1	
					782	23230	22.36	23.50	-0.1	
					784.5	23255	22.44	23.50	-0.1	
				12	779.5	23205	22.31	23.50	-0.1	
					782	23230	22.43	23.50	-0.1	
					784.5	23255	22.41	23.50	-0.1	
				24	779.5	23205	22.34	23.50	-0.1	
					782	23230	22.40	23.50	-0.1	
					784.5	23255	22.44	23.50	-0.1	
				12 RB	0	779.5	23205	21.37	22.50	-0.2
						782	23230	21.31	22.50	-0.2
						784.5	23255	21.38	22.50	-0.2
		6			779.5	23205	21.39	22.50	-0.2	
					782	23230	21.44	22.50	-0.2	
					784.5	23255	21.36	22.50	-0.2	
		13			779.5	23205	21.39	22.50	-0.2	
					782	23230	21.47	22.50	-0.2	
					784.5	23255	21.40	22.50	-0.2	
		25RB			779.5	23205	21.37	22.50	-0.2	
					782	23230	21.33	22.50	-0.2	
					784.5	23255	21.49	22.50	-0.2	
		64-QAM		1 RB	0	779.5	23205	21.33	22.50	-0.2
						782	23230	21.27	22.50	-0.2
						784.5	23255	21.20	22.50	-0.2
					12	779.5	23205	21.26	22.50	-0.2
						782	23230	21.29	22.50	-0.2
						784.5	23255	21.23	22.50	-0.2
			24		779.5	23205	21.20	22.50	-0.2	
					782	23230	21.27	22.50	-0.2	
					784.5	23255	21.35	22.50	-0.2	
			12 RB		0	779.5	23205	20.29	21.50	-0.3
						782	23230	20.28	21.50	-0.3
						784.5	23255	20.27	21.50	-0.3
				6	779.5	23205	20.25	21.50	-0.3	
					782	23230	20.33	21.50	-0.3	
					784.5	23255	20.25	21.50	-0.3	
				13	779.5	23205	20.28	21.50	-0.3	
					782	23230	20.21	21.50	-0.3	
					784.5	23255	20.33	21.50	-0.3	
				25RB	779.5	23205	20.37	21.50	-0.3	
					782	23230	20.33	21.50	-0.3	
					784.5	23255	20.27	21.50	-0.3	
			256-QAM	1 RB	0	779.5	23205	18.21	19.50	-0.5
						782	23230	18.24	19.50	-0.5
						784.5	23255	18.32	19.50	-0.5
					12	779.5	23205	18.35	19.50	-0.5
						782	23230	18.34	19.50	-0.5
						784.5	23255	18.23	19.50	-0.5
24					779.5	23205	18.39	19.50	-0.5	
					782	23230	18.25	19.50	-0.5	
					784.5	23255	18.32	19.50	-0.5	
12 RB					0	779.5	23205	18.34	19.50	-0.5
						782	23230	18.26	19.50	-0.5
						784.5	23255	18.30	19.50	-0.5
				6	779.5	23205	18.38	19.50	-0.5	
					782	23230	18.29	19.50	-0.5	
					784.5	23255	18.21	19.50	-0.5	
				13	779.5	23205	18.27	19.50	-0.5	
					782	23230	18.29	19.50	-0.5	
					784.5	23255	18.36	19.50	-0.5	
				25RB	779.5	23205	18.20	19.50	-0.5	
					782	23230	18.22	19.50	-0.5	
					784.5	23255	18.28	19.50	-0.5	

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FDD Band 17								FDD Band 17									
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	709	23780	22.90	24.50	0	5	QPSK	1 RB	0	706.5	23755	22.63	24.50	0
				710	23790	22.95	24.50	0					710	23790	22.69	24.50	0
				711	23800	23.03	24.50	0					713.5	23825	22.63	24.50	0
			709	23780	22.84	24.50	0	706.5				23755	22.63	24.50	0		
			710	23790	22.76	24.50	0	710				23790	22.62	24.50	0		
			711	23800	22.78	24.50	0	713.5				23825	22.73	24.50	0		
		709	23780	23.02	24.50	0	706.5	23755			22.84	24.50	0				
		710	23790	23.01	24.50	0	710	23790			22.81	24.50	0				
		711	23800	23.04	24.50	0	713.5	23825			22.76	24.50	0				
		709	23780	21.89	23.50	-0.1	706.5	23755			21.78	23.50	-0.1				
		710	23790	21.96	23.50	-0.1	710	23790			21.73	23.50	-0.1				
		711	23800	21.98	23.50	-0.1	713.5	23825			21.75	23.50	-0.1				
		709	23780	22.17	23.50	-0.1	706.5	23755			21.82	23.50	-0.1				
		710	23790	22.09	23.50	-0.1	710	23790			21.71	23.50	-0.1				
		711	23800	22.03	23.50	-0.1	713.5	23825			21.79	23.50	-0.1				
		709	23780	22.21	23.50	-0.1	706.5	23755			21.82	23.50	-0.1				
		710	23790	22.10	23.50	-0.1	710	23790			21.75	23.50	-0.1				
		711	23800	22.12	23.50	-0.1	713.5	23825			21.81	23.50	-0.1				
		709	23780	22.15	23.50	-0.1	706.5	23755			21.84	23.50	-0.1				
		710	23790	22.05	23.50	-0.1	710	23790			21.83	23.50	-0.1				
		711	23800	22.04	23.50	-0.1	713.5	23825			21.72	23.50	-0.1				
		709	23780	22.52	23.50	-0.1	706.5	23755			22.25	23.50	-0.1				
		710	23790	22.52	23.50	-0.1	710	23790			22.13	23.50	-0.1				
		711	23800	22.30	23.50	-0.1	713.5	23825			22.20	23.50	-0.1				
		709	23780	22.11	23.50	-0.1	706.5	23755			21.91	23.50	-0.1				
		710	23790	22.20	23.50	-0.1	710	23790			22.24	23.50	-0.1				
		711	23800	21.84	23.50	-0.1	713.5	23825			22.19	23.50	-0.1				
		709	23780	22.59	23.50	-0.1	706.5	23755			22.22	23.50	-0.1				
		710	23790	22.59	23.50	-0.1	710	23790			21.82	23.50	-0.1				
		711	23800	22.36	23.50	-0.1	713.5	23825			21.87	23.50	-0.1				
	709	23780	20.97	22.50	-0.2	706.5	23755	20.94	22.50	-0.2							
	710	23790	21.06	22.50	-0.2	710	23790	20.81	22.50	-0.2							
	711	23800	20.96	22.50	-0.2	713.5	23825	20.74	22.50	-0.2							
	709	23780	21.08	22.50	-0.2	706.5	23755	20.89	22.50	-0.2							
	710	23790	20.94	22.50	-0.2	710	23790	20.81	22.50	-0.2							
	711	23800	21.06	22.50	-0.2	713.5	23825	20.88	22.50	-0.2							
	709	23780	21.14	22.50	-0.2	706.5	23755	20.83	22.50	-0.2							
	710	23790	21.18	22.50	-0.2	710	23790	20.75	22.50	-0.2							
	711	23800	21.19	22.50	-0.2	713.5	23825	20.74	22.50	-0.2							
	709	23780	21.11	22.50	-0.2	706.5	23755	20.86	22.50	-0.2							
	710	23790	21.02	22.50	-0.2	710	23790	20.77	22.50	-0.2							
	711	23800	21.06	22.50	-0.2	713.5	23825	20.78	22.50	-0.2							
	709	23780	20.89	22.50	-0.2	706.5	23755	20.82	22.50	-0.2							
	710	23790	20.88	22.50	-0.2	710	23790	20.94	22.50	-0.2							
	711	23800	20.84	22.50	-0.2	713.5	23825	20.96	22.50	-0.2							
	709	23780	20.96	22.50	-0.2	706.5	23755	20.83	22.50	-0.2							
	710	23790	20.98	22.50	-0.2	710	23790	20.90	22.50	-0.2							
	711	23800	20.90	22.50	-0.2	713.5	23825	20.90	22.50	-0.2							
	709	23780	21.00	22.50	-0.2	706.5	23755	20.81	22.50	-0.2							
	710	23790	20.95	22.50	-0.2	710	23790	20.83	22.50	-0.2							
	711	23800	20.90	22.50	-0.2	713.5	23825	20.98	22.50	-0.2							
	709	23780	19.92	21.50	-0.3	706.5	23755	19.83	21.50	-0.3							
	710	23790	19.99	21.50	-0.3	710	23790	19.95	21.50	-0.3							
	711	23800	20.00	21.50	-0.3	713.5	23825	19.87	21.50	-0.3							
	709	23780	20.00	21.50	-0.3	706.5	23755	19.83	21.50	-0.3							
	710	23790	19.97	21.50	-0.3	710	23790	19.88	21.50	-0.3							
	711	23800	19.91	21.50	-0.3	713.5	23825	19.88	21.50	-0.3							
	709	23780	19.93	21.50	-0.3	706.5	23755	19.96	21.50	-0.3							
	710	23790	19.85	21.50	-0.3	710	23790	19.83	21.50	-0.3							
	711	23800	19.86	21.50	-0.3	713.5	23825	19.85	21.50	-0.3							
	709	23780	19.85	21.50	-0.3	706.5	23755	19.83	21.50	-0.3							
	710	23790	19.91	21.50	-0.3	710	23790	19.93	21.50	-0.3							
	711	23800	19.94	21.50	-0.3	713.5	23825	20.00	21.50	-0.3							
	709	23780	17.95	19.50	-0.5	706.5	23755	17.89	19.50	-0.5							
	710	23790	17.85	19.50	-0.5	710	23790	17.90	19.50	-0.5							
	711	23800	17.96	19.50	-0.5	713.5	23825	17.93	19.50	-0.5							
	709	23780	17.94	19.50	-0.5	706.5	23755	17.99	19.50	-0.5							
	710	23790	17.88	19.50	-0.5	710	23790	17.96	19.50	-0.5							
	711	23800	17.97	19.50	-0.5	713.5	23825	17.90	19.50	-0.5							
	709	23780	17.97	19.50	-0.5	706.5	23755	17.87	19.50	-0.5							
	710	23790	17.81	19.50	-0.5	710	23790	17.82	19.50	-0.5							
	711	23800	17.87	19.50	-0.5	713.5	23825	17.93	19.50	-0.5							
	709	23780	17.99	19.50	-0.5	706.5	23755	17.89	19.50	-0.5							
	710	23790	17.89	19.50	-0.5	710	23790	17.82	19.50	-0.5							
	711	23800	17.88	19.50	-0.5	713.5	23825	17.93	19.50	-0.5							
	709	23780	17.87	19.50	-0.5	706.5	23755	17.81	19.50	-0.5							
	710	23790	17.87	19.50	-0.5	710	23790	17.98	19.50	-0.5							
	711	23800	17.94	19.50	-0.5	713.5	23825	17.96	19.50	-0.5							
	709	23780	17.92	19.50	-0.5	706.5	23755	17.88	19.50	-0.5							
	710	23790	17.89	19.50	-0.5	710	23790	17.82	19.50	-0.5							
	711	23800	17.88	19.50	-0.5	713.5	23825	17.95	19.50	-0.5							
	709	23780	17.91	19.50	-0.5	706.5	23755	17.86	19.50	-0.5							
	710	23790	17.82	19.50	-0.5	710	23790	17.99	19.50	-0.5							
	711	23800	17.99	19.50	-0.5	713.5	23825	17.88	19.50	-0.5							

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FDD Band 30								FDD Band 30													
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)				
10	QPSK	1 RB	0	2310	27710	23.12	23.50	0	5	QPSK	1 RB	0	2307.5	27685	23.21	23.50	0				
			25	2310	27710	23.13	23.50	0					2310	27710	23.33	23.50	0				
			49	2310	27710	23.21	23.50	0					2312.5	27735	23.36	23.50	0				
		0	2310	27710	22.27	22.50	-0.1	2307.5				27685	23.27	23.50	0						
		25 RB	12	2310	27710	22.29	22.50	-0.1				2310	27710	23.32	23.50	0					
			25	2310	27710	22.34	22.50	-0.1				2312.5	27735	23.22	23.50	0					
			50RB	2310	27710	22.31	22.50	-0.1				2307.5	27685	23.32	23.50	0					
		16-QAM	1 RB	0	2310	27710	22.23	22.50				-0.1	2310	27710	23.24	23.50	0				
				25	2310	27710	22.29	22.50				-0.1	2312.5	27735	23.22	23.50	0				
				49	2310	27710	22.38	22.50				-0.1	2307.5	27685	22.27	22.50	-0.1				
			25 RB	0	2310	27710	21.20	21.50				-0.2	2310	27710	22.37	22.50	-0.1				
				12	2310	27710	21.20	21.50				-0.2	2312.5	27735	22.29	22.50	-0.1				
	25			2310	27710	21.22	21.50	-0.2			2307.5	27685	22.38	22.50	-0.1						
	50RB		2310	27710	21.27	21.50	-0.2	2310			27710	22.39	22.50	-0.1							
	64-QAM		1 RB	0	2310	27710	21.31	21.50			-0.2	2310	27710	22.37	22.50	-0.1					
				25	2310	27710	21.28	21.50			-0.2	2312.5	27735	22.29	22.50	-0.1					
				49	2310	27710	21.32	21.50			-0.2	2307.5	27685	22.29	22.50	-0.1					
			25 RB	0	2310	27710	20.35	20.50			-0.3	2310	27710	22.37	22.50	-0.1					
				12	2310	27710	20.32	20.50			-0.3	2312.5	27735	22.21	22.50	-0.1					
		25		2310	27710	20.28	20.50	-0.3			2307.5	27685	22.21	22.50	-0.1						
		50RB	2310	27710	20.31	20.50	-0.3	2310			27710	22.32	22.50	-0.1							
		256-QAM	1 RB	0	2310	27710	18.32	18.50			-0.5	2310	27710	22.32	22.50	-0.1					
				25	2310	27710	18.22	18.50			-0.5	2312.5	27735	22.35	22.50	-0.1					
				49	2310	27710	18.27	18.50			-0.5	2307.5	27685	22.30	22.50	-0.1					
			25 RB	0	2310	27710	18.36	18.50			-0.5	2310	27710	22.26	22.50	-0.1					
				12	2310	27710	18.29	18.50			-0.5	2312.5	27735	22.25	22.50	-0.1					
	25			2310	27710	18.23	18.50	-0.5			2307.5	27685	22.23	22.50	-0.1						
	50RB		2310	27710	18.36	18.50	-0.5	2310			27710	22.33	22.50	-0.1							
	5		16-QAM	1 RB	0	2310	27710	23.32			23.50	0	5	16-QAM	12 RB	0	2307.5	27685	21.34	21.50	-0.2
					25	2310	27710	21.27			21.50	-0.2					2310	27710	21.27	21.50	-0.2
					49	2310	27710	21.34			21.50	-0.2					2312.5	27735	21.34	21.50	-0.2
				25 RB	0	2310	27710	21.38			21.50	-0.2				2307.5	27685	21.38	21.50	-0.2	
					12	2310	27710	21.24			21.50	-0.2				2312.5	27735	21.34	21.50	-0.2	
		25			2310	27710	21.32	21.50			-0.2	2307.5				27685	21.38	21.50	-0.2		
		50RB		2310	27710	21.32	21.50	-0.2			2310	27710				21.24	21.50	-0.2			
		64-QAM		1 RB	0	2310	27710	21.38			21.50	-0.2				2310	27710	21.38	21.50	-0.2	
					12	2310	27710	21.35			21.50	-0.2				2312.5	27735	21.30	21.50	-0.2	
					24	2310	27710	21.22			21.50	-0.2				2307.5	27685	21.25	21.50	-0.2	
				25 RB	0	2310	27710	20.24			20.50	-0.3				2310	27710	21.32	21.50	-0.2	
					12	2310	27710	20.22			20.50	-0.3				2312.5	27735	21.32	21.50	-0.2	
			25		2310	27710	20.32	20.50			-0.3	2307.5			27685	20.24	20.50	-0.3			
			50RB	2310	27710	20.21	20.50	-0.3			2310	27710			20.24	20.50	-0.3				
			256-QAM	1 RB	0	2310	27710	18.34			18.50	-0.5			2310	27710	20.23	20.50	-0.3		
					12	2310	27710	18.27			18.50	-0.5			2312.5	27735	20.21	20.50	-0.3		
					24	2310	27710	18.22			18.50	-0.5			2307.5	27685	20.23	20.50	-0.3		
				25 RB	0	2310	27710	18.25			18.50	-0.5			2310	27710	20.22	20.50	-0.3		
					12	2310	27710	18.23			18.50	-0.5			2312.5	27735	20.23	20.50	-0.3		
		25			2310	27710	18.29	18.50			-0.5	2307.5			27685	20.35	20.50	-0.3			
50RB		2310		27710	18.33	18.50	-0.5	2310	27710	20.32	20.50	-0.3									
256-QAM		1 RB		0	2310	27710	18.34	18.50	-0.5	2310	27710	20.31			20.50	-0.3					
				12	2310	27710	18.33	18.50	-0.5	2312.5	27735	20.31			20.50	-0.3					
				24	2310	27710	18.26	18.50	-0.5	2307.5	27685	20.30			20.50	-0.3					
		25 RB		0	2310	27710	18.28	18.50	-0.5	2310	27710	20.27			20.50	-0.3					
				12	2310	27710	18.28	18.50	-0.5	2312.5	27735	20.22			20.50	-0.3					
			25	2310	27710	18.39	18.50	-0.5	2307.5	27685	20.30	20.50			-0.3						
		50RB	2310	27710	18.39	18.50	-0.5	2310	27710	20.27	20.50	-0.3									

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Item No.	Item Name	Test Results									
		1	2	3	4	5	6	7	8	9	10
1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
		2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
		2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
		2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000
		3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000
		3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000
		3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000	3.0000
4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000
		4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000
		4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000
		4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000
5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
		5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
		5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
		5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

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FDD Band 71										FDD Band 71										FDD Band 71										FDD Band 71																									
SW/Mfg	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance (power (dBm))	Target Power (dBm)	ERP (dBm)	ERP (dBm)	SW/Mfg	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance (power (dBm))	Target Power (dBm)	ERP (dBm)	ERP (dBm)	SW/Mfg	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance (power (dBm))	Target Power (dBm)	ERP (dBm)	ERP (dBm)	SW/Mfg	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance (power (dBm))	Target Power (dBm)	ERP (dBm)	ERP (dBm)																
OPSK	1 RB	0	50	875	133222	24.75	24.50	0	0	OPSK	1 RB	36	74	875	133197	24.60	24.50	0	0	OPSK	25 RB	0	40	50	12	0	865	133147	24.60	24.50	0	0	OPSK	12 RB	6	0	865	133147	24.60	24.50	0	0	OPSK	25 RB	0	40	50	12	0	865	133147	24.60	24.50	0	0

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## Default power LTE TDD Band 38 / Band 41 / Band 48 - conducted power table:

TDD Band 38							TDD Band 41							TDD Band 48							TDD Band 38							TDD Band 41							TDD Band 48																																										
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Flux Density (mW/MHz)	MPE Allowed per 100kHz	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Flux Density (mW/MHz)	MPE Allowed per 100kHz	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Flux Density (mW/MHz)	MPE Allowed per 100kHz	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Flux Density (mW/MHz)	MPE Allowed per 100kHz	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Flux Density (mW/MHz)	MPE Allowed per 100kHz																																	
20	OFDM	1RB	0	2555	37625	23.1	23.50	0	1RB	0	36	0	2571.5	37825	23.68	24.50	0	1RB	0	25	0	40	0	2571.5	37825	23.68	24.50	0	1RB	0	0	2555	37625	23.1	23.50	0	1RB	0	2555	37625	23.1	23.50	0	1RB	0	2555	37625	23.1	23.50	0																											
				2555	38025	23.68	24.50	0					2571.5	38025	23.68	24.50	0							2571.5	38025	23.68	24.50	0																							2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0							
				2555	38425	23.68	24.50	0					2571.5	38425	23.68	24.50	0							2571.5	38425	23.68	24.50	0																							2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0		
		50RB	25	2555	37625	23.68	24.50	0	50RB	18	0	36	0	2571.5	37825	23.68	24.50	0	50RB	12	0	40	0	25	0	40	0	2571.5	37825	23.68	24.50	0	50RB	12	0	2555	37625	23.68	24.50	0	50RB	12	0	2555	37625	23.68	24.50	0	50RB	12	0	2555	37625	23.68	24.50	0																					
				2555	38025	23.68	24.50	0						2571.5	38025	23.68	24.50	0										2571.5	38025	23.68	24.50	0																									2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	
				2555	38425	23.68	24.50	0						2571.5	38425	23.68	24.50	0										2571.5	38425	23.68	24.50	0																									2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555
	100RB	50RB	25	2555	37625	23.68	24.50	0	100RB	75RB	0	36	0	2571.5	37825	23.68	24.50	0	100RB	50RB	0	40	0	25	0	40	0	2571.5	37825	23.68	24.50	0	100RB	50RB	0	2555	37625	23.68	24.50	0	100RB	50RB	0	2555	37625	23.68	24.50	0	100RB	50RB	0	2555	37625	23.68	24.50	0																					
				2555	38025	23.68	24.50	0						2571.5	38025	23.68	24.50	0										2571.5	38025	23.68	24.50	0																									2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	
				2555	38425	23.68	24.50	0						2571.5	38425	23.68	24.50	0										2571.5	38425	23.68	24.50	0																									2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	
		50RB	50	2555	37625	23.68	24.50	0	100RB	75RB	37	36	0	2571.5	37825	23.68	24.50	0	100RB	50RB	25	0	40	0	25	0	40	0	2571.5	37825	23.68	24.50	0	100RB	50RB	25	2555	37625	23.68	24.50	0	100RB	50RB	25	2555	37625	23.68	24.50	0	100RB	50RB	25	2555	37625	23.68	24.50	0																				
				2555	38025	23.68	24.50	0						2571.5	38025	23.68	24.50	0											2571.5	38025	23.68	24.50	0																									2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0	2555	38025	23.68	24.50	0
				2555	38425	23.68	24.50	0						2571.5	38425	23.68	24.50	0											2571.5	38425	23.68	24.50	0																									2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0	2555	38425	23.68	24.50	0

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TDD Band 48										TDD Band 48										TDD Band 48										TDD Band 48																			
EM/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance power (dBm)	Target Power (dBm)	ERP (dBm)	ERP (dBm)	EM/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance power (dBm)	Target Power (dBm)	ERP (dBm)	ERP (dBm)	EM/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance power (dBm)	Target Power (dBm)	ERP (dBm)	ERP (dBm)	EM/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conductance power (dBm)	Target Power (dBm)	ERP (dBm)	ERP (dBm)										
1 RB	OFDM	50	0	3645.1	3645.1	23.8	24.5	0	0	1 RB	OFDM	36	0	3645.1	3645.1	23.8	24.5	0	0	1 RB	OFDM	12	0	3645.1	3645.1	23.8	24.5	0	0	1 RB	OFDM	24	0	3645.1	3645.1	23.8	24.5	0	0	1 RB	OFDM	6	0	3645.1	3645.1	23.8	24.5	0	0

## Intra-Band ULCA power table (Default power)

### 2CA\_Default Power

CA_5B														
Combination 50RB + 50RB (10MHz + 10MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
10	QPSK	829	20450	1	0	10	QPSK	838.9	20549	1	49	0	22.99	24.50
10	QPSK	844	20600	1	49	10	QPSK	834.1	20501	1	0	0	22.89	24.50
CA_5B														
Combination 50RB + 25RB (10MHz + 5MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
10	QPSK	829	20450	1	0	5	QPSK	836.2	20522	1	49	0	22.78	24.50
CA_7C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2560	21350	1	0	20	QPSK	2540.2	21152	1	99	0	22.68	23.50
20	QPSK	2510	20850	1	99	20	QPSK	2529.8	21048	1	0	0	22.66	23.50
CA_7C														
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2510	20850	1	0	15	QPSK	2527.1	21021	1	74	0	22.63	23.50
20	QPSK	2560	21350	1	99	15	QPSK	2542.9	21179	1	0	0	22.61	23.50
CA_7C														
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2507.5	20825	1	74	15	QPSK	2522.5	20975	1	0	0	22.57	23.50
15	QPSK	2562.5	21375	1	0	15	QPSK	2547.5	21225	1	74	0	22.54	23.50
CA_7C														
Combination 75RB + 50RB (15MHz + 10MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2507.5	20825	1	74	10	QPSK	2519.5	20945	1	49	0	22.51	23.50
CA_7C														
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2560	21350	1	99	10	QPSK	2545.6	21206	1	0	0	22.48	23.50
20	QPSK	2510	20850	1	0	10	QPSK	2524.4	20994	1	99	49	22.45	23.50
CA_38C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2580	37850	1	0	20	QPSK	2599.8	38048	1	99	0	23.67	24.50
20	QPSK	2610	38150	1	99	20	QPSK	2590.2	37952	1	0	0	23.51	24.50
CA_38C														
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2612.5	38175	1	0	15	QPSK	2597.5	38025	1	74	0	23.65	24.50
15	QPSK	2577.5	37825	1	74	15	QPSK	2592.5	37975	1	0	0	23.56	24.50

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CA 41C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	20	QPSK	2660.2	41292	1	99	0	23.70	24.50
20	QPSK	2506	39750	1	99	20	QPSK	2525.8	39948	1	0	0	23.63	24.50

CA 41C														
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	15	QPSK	2662.9	41319	1	74	0	23.66	24.50
20	QPSK	2506	39750	1	99	15	QPSK	2662.9	41319	1	0	0	23.58	24.50

CA 41C														
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	15	QPSK	2667.5	41365	1	74	0	23.55	24.50
15	QPSK	2503.5	39725	1	74	15	QPSK	2518.5	39875	1	0	0	23.29	24.50

CA 41C														
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	10	QPSK	2665.6	41346	1	49	0	23.47	24.50
20	QPSK	2506	39750	1	99	10	QPSK	2520.4	39894	1	0	0	23.37	24.50

CA 41C														
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	10	QPSK	2670.5	41395	1	49	0	23.44	24.50
15	QPSK	2503.5	39725	1	74	10	QPSK	2515.5	39845	1	0	0	23.29	24.50

CA 41C														
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	5	QPSK	2668.3	41373	1	24	0	23.42	24.50
20	QPSK	2506	39750	1	99	5	QPSK	2517.7	39867	1	0	0	23.35	24.50

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n41\_30kHz  
 ENDC without WLAN

Frequency	Modulation	Power	Emission		Measurement	Limit	Pass/Fail	Remarks		
			Power	Power Spectral Density						
88	GSM	1W	1	1	1	1	Pass			
			2	1	1	1	Pass			
		0.1W	1	1	1	1	Pass			
			2	1	1	1	Pass			
		GSM-R	1W	1	1	1	1	Pass		
				2	1	1	1	Pass		
	0.1W		1	1	1	1	Pass			
			2	1	1	1	Pass			
	90		GSM	1W	1	1	1	1	Pass	
					2	1	1	1	Pass	
		0.1W		1	1	1	1	Pass		
				2	1	1	1	Pass		
GSM-R		1W		1	1	1	1	Pass		
				2	1	1	1	Pass		
		0.1W	1	1	1	1	Pass			
			2	1	1	1	Pass			
		92	GSM	1W	1	1	1	1	Pass	
					2	1	1	1	Pass	
0.1W				1	1	1	1	Pass		
				2	1	1	1	Pass		
GSM-R	1W			1	1	1	1	Pass		
				2	1	1	1	Pass		
	0.1W		1	1	1	1	Pass			
			2	1	1	1	Pass			
	94		GSM	1W	1	1	1	1	Pass	
					2	1	1	1	Pass	
0.1W				1	1	1	1	Pass		
				2	1	1	1	Pass		
GSM-R		1W		1	1	1	1	Pass		
				2	1	1	1	Pass		
		0.1W	1	1	1	1	Pass			
			2	1	1	1	Pass			
		96	GSM	1W	1	1	1	1	Pass	
					2	1	1	1	Pass	
0.1W				1	1	1	1	Pass		
				2	1	1	1	Pass		
GSM-R	1W			1	1	1	1	Pass		
				2	1	1	1	Pass		
	0.1W		1	1	1	1	Pass			
			2	1	1	1	Pass			
	98		GSM	1W	1	1	1	1	Pass	
					2	1	1	1	Pass	
0.1W				1	1	1	1	Pass		
				2	1	1	1	Pass		
GSM-R		1W		1	1	1	1	Pass		
				2	1	1	1	Pass		
		0.1W	1	1	1	1	Pass			
			2	1	1	1	Pass			
		100	GSM	1W	1	1	1	1	Pass	
					2	1	1	1	Pass	
0.1W				1	1	1	1	Pass		
				2	1	1	1	Pass		
GSM-R	1W			1	1	1	1	Pass		
				2	1	1	1	Pass		
	0.1W		1	1	1	1	Pass			
			2	1	1	1	Pass			

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n71\_15kHz  
ENDC without WLAN

NR Band n71							NR Band n71							NR Band n71							NR Band n71																															
BW(MHz)	Modulation	RB Size	RB Offset	Channel	Conducts d power (dBm)	Target Power + Max. Tolerance (dBm)	MFR Allowed per SPP/PRB	Modulation	RB Size	RB Offset	Channel	Conducts d power (dBm)	Target Power + Max. Tolerance (dBm)	MFR Allowed per SPP/PRB	Modulation	RB Size	RB Offset	Channel	Conducts d power (dBm)	Target Power + Max. Tolerance (dBm)	MFR Allowed per SPP/PRB	Modulation	RB Size	RB Offset	Channel	Conducts d power (dBm)	Target Power + Max. Tolerance (dBm)	MFR Allowed per SPP/PRB																								
20	DTF-s-BPSK OFDM	50	1	53	672	13400	23.54	24.50	0	15	DTF-s-BPSK OFDM	36	1	40	672	13400	23.54	24.50	0	10	DTF-s-BPSK OFDM	25	14	688	13800	23.54	24.50	0	5	DTF-s-BPSK OFDM	12	7	688	13800	23.54	24.50	0															
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0					
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
20	DTF-s-QPSK OFDM	50	1	53	672	13400	23.54	24.50	0	15	DTF-s-QPSK OFDM	36	1	40	672	13400	23.54	24.50	0	10	DTF-s-QPSK OFDM	25	14	688	13800	23.54	24.50	0	5	DTF-s-QPSK OFDM	12	7	688	13800	23.54	24.50	0															
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0					
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
20	DTF-s-QPSK 16QAM	50	1	53	672	13400	23.54	24.50	0	15	DTF-s-QPSK 16QAM	36	1	40	672	13400	23.54	24.50	0	10	DTF-s-QPSK 16QAM	25	14	688	13800	23.54	24.50	0	5	DTF-s-QPSK 16QAM	12	7	688	13800	23.54	24.50	0															
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0					
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
					672	13400	23.54	24.50	0						672	13400	23.54	24.50	0																			672	13400	23.54	24.50	0	672	13400	23.54	24.50	0	672	13400	23.54	24.50	0
					688	13760	23.68	24.50	0						688	13760	23.68	24.50	0																			688	13760	23.68	24.50	0	688	13760	23.68	24.50	0	688	13760	23.68	24.50	0
20	CP-QPSK OFDM	1RB	1	53	672	13400	23.54	24.50	0.15	15	CP-QPSK OFDM	36	1	40	672	13400	23.54	24.50	0.15	10	CP-QPSK OFDM	25	14	688	13800	23.54	24.50	0.15	5	CP-QPSK OFDM	12	7	688	13800	23.54	24.50	0.15															
					688	13760	23.68	24.50	0.15						688	13760	23.68	24.50	0.15																			688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15					
					672	13400	23.54	24.50	0.15						672	13400	23.54	24.50	0.15																			672	13400	23.54	24.50	0.15	672	13400	23.54	24.50	0.15	672	13400	23.54	24.50	0.15
					688	13760	23.68	24.50	0.15						688	13760	23.68	24.50	0.15																			688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15
					672	13400	23.54	24.50	0.15						672	13400	23.54	24.50	0.15																			672	13400	23.54	24.50	0.15	672	13400	23.54	24.50	0.15	672	13400	23.54	24.50	0.15
					688	13760	23.68	24.50	0.15						688	13760	23.68	24.50	0.15																			688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15
					672	13400	23.54	24.50	0.15						672	13400	23.54	24.50	0.15																			672	13400	23.54	24.50	0.15	672	13400	23.54	24.50	0.15	672	13400	23.54	24.50	0.15
					688	13760	23.68	24.50	0.15						688	13760	23.68	24.50	0.15																			688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15
					672	13400	23.54	24.50	0.15						672	13400	23.54	24.50	0.15																			672	13400	23.54	24.50	0.15	672	13400	23.54	24.50	0.15	672	13400	23.54	24.50	0.15
					688	13760	23.68	24.50	0.15						688	13760	23.68	24.50	0.15																			688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15	688	13760	23.68	24.50	0.15

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**WLAN802.11 a/b/g/n/ac/ax (20M/40M/80M) conducted power table  
(Default power):**
**SISO\_Calling**

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	20.00	19.75
		6	2437		20.00	19.53
		11	2462		20.00	19.70
	802.11g	1	2412	6Mbps	20.00	19.58
		6	2437		20.00	19.58
		11	2462		20.00	19.52
	802.11n20-HT0	1	2412	MCS0	20.00	19.64
		6	2437		20.00	19.65
		11	2462		20.00	19.65
	802.11ax20-HE0	1	2412	MCS0	20.00	19.60
		6	2437		20.00	19.59
		11	2462		20.00	19.69
	802.11n40-HT0	3	2422	MCS0	20.00	19.64
		6	2437		20.00	19.67
		9	2452		20.00	19.60
	802.11ax40-HE0	3	2422	MCS0	20.00	19.51
		6	2437		20.00	19.70
		9	2452		20.00	19.63

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Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.50	15.82
		40	5200		16.50	15.88
		44	5220		16.50	15.89
		48	5240		16.50	15.97
	802.11n20-HT0	36	5180	MCS0	16.50	15.96
		40	5200		16.50	15.94
		44	5220		16.50	15.93
		48	5240		16.50	15.96
	802.11ac20-VHT0	36	5180	MCS0	16.50	16.00
		40	5200		16.50	15.96
		44	5220		16.50	15.98
		48	5240		16.50	15.94
	802.11ax20-HE0	36	5180	MCS0	16.50	15.91
		40	5200		16.50	15.99
		44	5220		16.50	15.93
		48	5240		16.50	16.00
	802.11n40-HT0	38	5190	MCS0	16.50	16.03
		46	5230		16.50	16.48
	802.11ac40-VHT0	38	5190	MCS0	16.50	15.89
		46	5230		16.50	16.46
802.11ax40-HE0	38	5190	MCS0	16.50	15.82	
	46	5230		16.50	16.40	
802.11ac80-VHT0	42	5210	MCS0	16.00	15.32	
802.11ax80-HE0	42	5210	MCS0	16.00	15.39	

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Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	17.00	16.99
		56	5280		17.00	16.59
		60	5300		17.00	16.79
		64	5320		17.00	16.87
	802.11n20-HT0	52	5260	MCS0	17.00	16.56
		56	5280		17.00	16.75
		60	5300		17.00	16.75
		64	5320		17.00	16.77
	802.11ac20-VHT0	52	5260	MCS0	17.00	16.41
		56	5280		17.00	16.31
		60	5300		17.00	16.35
		64	5320		17.00	16.43
	802.11ax20-HE0	52	5260	MCS0	17.00	16.31
		56	5280		17.00	16.45
		60	5300		17.00	16.42
		64	5320		17.00	16.82
	802.11n40-HT0	54	5270	MCS0	16.50	16.34
		62	5310		16.50	15.39
	802.11ac40-VHT0	54	5270	MCS0	16.50	16.45
		62	5310		16.50	15.27
802.11ax40-HE0	54	5270	MCS0	16.50	16.44	
	62	5310		16.50	15.23	
802.11ac80-VHT0	58	5290	MCS0	16.50	15.17	
802.11ax80-HE0	58	5290	MCS0	16.50	12.89	

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Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	14.00	13.85
		116	5580		14.00	13.82
		120	5600		14.00	13.95
		140	5700		14.00	13.60
		144	5720		14.00	13.93
	802.11n20-HT0	100	5500	MCS0	14.00	13.54
		116	5580		14.00	13.56
		120	5600		14.00	13.84
		140	5700		14.00	13.66
		144	5720		14.00	13.75
	802.11ac20-VHT0	100	5500	MCS0	14.00	13.88
		116	5580		14.00	13.75
		120	5600		14.00	13.88
		140	5700		14.00	13.63
		144	5720		14.00	13.49
	802.11ax20-HE0	100	5500	MCS0	14.00	13.72
		116	5580		14.00	13.68
		120	5600		14.00	13.79
		140	5700		14.00	13.98
		144	5720		14.00	13.79
	802.11n40-HT0	102	5510	MCS0	14.00	13.98
		110	5550		14.00	13.51
		118	5590		14.00	13.94
		134	5670		14.00	13.93
		142	5710		14.00	13.73
	802.11ac40-VHT0	102	5510	MCS0	14.00	13.98
		110	5550		14.00	13.74
		134	5670		14.00	13.91
		142	5710		14.00	13.70
	802.11ax40-HE0	102	5510	MCS0	14.00	13.87
		110	5550		14.00	13.58
		134	5670		14.00	13.78
		142	5710		14.00	13.64
	802.11ac80-VHT0	106	5530	MCS0	14.00	13.78
		122	5610		14.00	13.88
		138	5690		14.00	13.99
	802.11ax80-HE0	106	5530	MCS0	14.00	13.56
		122	5610		14.00	13.68
		138	5690		14.00	13.74

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Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	15.50	15.10
		157	5785		15.50	15.32
		165	5825		15.50	15.23
	802.11n20-HT0	149	5745	MCS0	15.50	15.31
		157	5785		15.50	15.21
		165	5825		15.50	15.16
	802.11ac20-VHT0	149	5745	MCS0	15.50	15.05
		157	5785		15.50	15.30
		165	5825		15.50	15.00
	802.11ax20-HE0	149	5745	MCS0	15.50	15.09
		157	5785		15.50	15.11
		165	5825		15.50	15.06
	802.11n40-HT0	151	5755	MCS0	15.50	15.13
		159	5795		15.50	15.35
	802.11ac40-VHT0	151	5755	MCS0	15.50	15.09
		159	5795		15.50	15.31
802.11ax40-HE0	151	5755	MCS0	15.50	15.36	
	159	5795		15.50	15.48	
802.11ac80-VHT0	155	5775	MCS0	15.50	15.48	
802.11ax80-HE0	155	5775	MCS0	15.50	15.34	

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	20.00	19.49
		6	2437		20.00	19.61
		11	2462		20.00	19.55
	802.11g	1	2412	6Mbps	20.00	18.99
		6	2437		20.00	19.31
		11	2462		20.00	19.17
	802.11n20-HT0	1	2412	MCS0	20.00	18.97
		6	2437		20.00	19.29
		11	2462		20.00	19.32
	802.11ax20-HE0	1	2412	MCS0	20.00	19.18
		6	2437		20.00	19.27
		11	2462		20.00	18.93
	802.11n40-HT0	3	2422	MCS0	20.00	19.07
		6	2437		20.00	18.96
		9	2452		20.00	19.33
	802.11ax40-HE0	3	2422	MCS0	20.00	18.94
		6	2437		20.00	19.05
		9	2452		20.00	19.10

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	18.00	16.51
		40	5200		18.00	16.42
		44	5220		18.00	16.41
		48	5240		18.00	16.56
	802.11n20-HT0	36	5180	MCS0	18.00	16.52
		40	5200		18.00	16.54
		44	5220		18.00	16.55
		48	5240		18.00	16.32
	802.11ac20-VHT0	36	5180	MCS0	18.00	16.55
		40	5200		18.00	16.38
		44	5220		18.00	16.51
		48	5240		18.00	16.37
	802.11ax20-HE0	36	5180	MCS0	18.00	16.48
		40	5200		18.00	16.45
		44	5220		18.00	16.41
		48	5240		18.00	16.40
	802.11n40-HT0	38	5190	MCS0	18.00	16.25
		46	5230		18.00	16.76
	802.11ac40-VHT0	38	5190	MCS0	18.00	16.44
		46	5230		18.00	16.51
802.11ax40-HE0	38	5190	MCS0	18.00	16.21	
	46	5230		18.00	16.55	
802.11ac80-VHT0	42	5210	MCS0	17.50	16.45	
802.11ax80-HE0	42	5210	MCS0	17.50	16.38	

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Chain 1						
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5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.00	18.66
		56	5280		19.00	18.39
		60	5300		19.00	18.71
		64	5320		19.00	18.35
	802.11n20-HT0	52	5260	MCS0	19.50	19.42
		56	5280		19.50	19.30
		60	5300		19.50	19.49
		64	5320		19.50	18.35
	802.11ac20-VHT0	52	5260	MCS0	19.50	19.49
		56	5280		19.50	18.20
		60	5300		19.50	19.37
		64	5320		19.50	18.27
	802.11ax20-HE0	52	5260	MCS0	19.50	19.34
		56	5280		19.50	19.15
		60	5300		19.50	19.34
		64	5320		19.50	17.27
	802.11n40-HT0	54	5270	MCS0	19.00	18.75
		62	5310		19.00	15.59
	802.11ac40-VHT0	54	5270	MCS0	19.00	18.61
		62	5310		19.00	15.38
802.11ax40-HE0	54	5270	MCS0	19.00	18.61	
	62	5310		19.00	15.28	
802.11ac80-VHT0	58	5290	MCS0	19.00	15.31	
802.11ax80-HE0	58	5290	MCS0	19.00	12.63	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	20.00	19.76
		116	5580		20.00	19.45
		120	5600		20.00	19.57
		140	5700		20.00	19.58
		144	5720		20.00	19.40
	802.11n20-HT0	100	5500	MCS0	20.00	19.74
		116	5580		20.00	19.50
		120	5600		20.00	19.20
		140	5700		20.00	19.23
		144	5720		20.00	19.43
	802.11ac20-VHT0	100	5500	MCS0	20.00	19.67
		116	5580		20.00	19.49
		120	5600		20.00	19.15
		140	5700		20.00	19.17
		144	5720		20.00	19.31
	802.11ax20-HE0	100	5500	MCS0	20.00	18.31
		116	5580		20.00	19.54
		120	5600		20.00	18.00
		140	5700		20.00	18.09
		144	5720		20.00	19.63
	802.11n40-HT0	102	5510	MCS0	19.50	17.32
		110	5550		19.50	19.18
		118	5590		19.50	19.15
		134	5670		19.50	19.34
		142	5710		19.50	19.27
	802.11ac40-VHT0	102	5510	MCS0	19.50	17.15
		110	5550		19.50	19.43
		134	5670		19.50	19.26
		142	5710		19.50	19.43
	802.11ax40-HE0	102	5510	MCS0	19.50	16.64
		110	5550		19.50	19.16
		134	5670		19.50	19.49
		142	5710		19.50	19.43
	802.11ac80-VHT0	106	5530	MCS0	19.50	15.69
		122	5610		19.50	19.18
		138	5690		19.50	19.37
	802.11ax80-HE0	106	5530	MCS0	19.50	16.33
		122	5610		19.50	19.17
		138	5690		19.50	19.38

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	20.00	19.17
		157	5785		20.00	18.95
		165	5825		20.00	18.16
	802.11n20-HT0	149	5745	MCS0	20.00	19.12
		157	5785		20.00	18.89
		165	5825		20.00	18.08
	802.11ac20-VHT0	149	5745	MCS0	20.00	19.04
		157	5785		20.00	18.83
		165	5825		20.00	18.02
	802.11ax20-HE0	149	5745	MCS0	20.00	19.22
		157	5785		20.00	18.96
		165	5825		20.00	18.17
	802.11n40-HT0	151	5755	MCS0	20.00	19.53
		159	5795		20.00	19.16
	802.11ac40-VHT0	151	5755	MCS0	20.00	19.49
		159	5795		20.00	19.04
802.11ax40-HE0	151	5755	MCS0	20.00	19.77	
	159	5795		20.00	19.12	
802.11ac80-VHT0	155	5775	MCS0	20.00	19.63	
802.11ax80-HE0	155	5775	MCS0	20.00	19.71	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### SISO camera

Chain 0						Chain 1										
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
2450 MHz	802.11b	1	2412	1Mbps	20.00	19.75	2450 MHz	802.11b	1	2412	1Mbps	20.00	19.49			
		6	2437	1Mbps	20.00	19.53			6	2437	1Mbps	20.00	19.61			
		11	2462	1Mbps	20.00	19.50			11	2462	1Mbps	20.00	19.55			
	802.11g	1	2412	6Mbps	20.00	17.88		2450 MHz	802.11g	1	2412	6Mbps	20.00	17.58		
		6	2437	6Mbps	20.00	19.40				6	2437	6Mbps	20.00	19.47		
		11	2462	6Mbps	20.00	17.47				11	2462	6Mbps	20.00	17.28		
	802.11n20-HTT	1	2412	1Mbps	20.00	17.71			2450 MHz	802.11n20-HTT	1	2412	1Mbps	20.00	17.47	
		6	2437	1Mbps	20.00	18.65					6	2437	1Mbps	20.00	18.49	
		11	2462	1Mbps	20.00	16.45					11	2462	1Mbps	20.00	16.18	
	802.11n20-HED	1	2412	1Mbps	20.00	16.35				2450 MHz	802.11n20-HED	1	2412	1Mbps	20.00	16.06
		6	2437	1Mbps	20.00	16.33						6	2437	1Mbps	20.00	16.07
		11	2462	1Mbps	20.00	15.86						11	2462	1Mbps	20.00	15.78
802.11n40-HTT	1	2412	1Mbps	20.00	16.74	2450 MHz	802.11n40-HTT				1	2412	1Mbps	20.00	16.46	
	6	2437	1Mbps	20.00	17.38						6	2437	1Mbps	20.00	17.21	
	11	2462	1Mbps	20.00	16.41						11	2462	1Mbps	20.00	16.27	
802.11n40-HED	1	2412	1Mbps	20.00	16.31		2450 MHz	802.11n40-HED			1	2412	1Mbps	20.00	16.07	
	6	2437	1Mbps	20.00	16.31						6	2437	1Mbps	20.00	16.27	
	11	2462	1Mbps	20.00	16.31						11	2462	1Mbps	20.00	16.27	

Chain 0						Chain 1										
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.15-5.25 GHz	802.11a	36	5180	6Mbps	17.50	16.19	5.15-5.25 GHz	802.11a	36	5180	6Mbps	18.00	16.25			
		40	5200	6Mbps	17.50	16.28			40	5200	6Mbps	18.00	16.37			
		44	5220	6Mbps	17.50	16.22			44	5220	6Mbps	18.00	16.20			
	802.11n20-HTT	48	5240	1Mbps	17.50	16.30		5.15-5.25 GHz	802.11n20-HTT	48	5240	1Mbps	18.00	16.20		
		52	5260	1Mbps	17.50	16.41				52	5260	1Mbps	18.00	16.33		
		56	5280	1Mbps	17.50	16.28				56	5280	1Mbps	18.00	16.38		
	802.11n20-VHTT	48	5240	1Mbps	17.50	16.23			5.15-5.25 GHz	802.11n20-VHTT	48	5240	1Mbps	18.00	16.29	
		52	5260	1Mbps	17.50	16.38					52	5260	1Mbps	18.00	16.21	
		56	5280	1Mbps	17.50	16.44					56	5280	1Mbps	18.00	16.28	
	802.11n40-HED	48	5240	1Mbps	17.50	16.16				5.15-5.25 GHz	802.11n40-HED	48	5240	1Mbps	18.00	16.32
		52	5260	1Mbps	17.50	16.35						52	5260	1Mbps	18.00	16.20
		56	5280	1Mbps	17.50	16.23						56	5280	1Mbps	18.00	16.27
802.11n40-HTT	48	5240	1Mbps	17.50	16.53	5.15-5.25 GHz	802.11n40-HTT				48	5240	1Mbps	18.00	16.25	
	52	5260	1Mbps	17.50	16.57						52	5260	1Mbps	18.00	16.28	
	56	5280	1Mbps	17.50	16.33						56	5280	1Mbps	18.00	16.30	
802.11ac40-VHTT	36	5180	1Mbps	17.50	16.33		5.15-5.25 GHz	802.11ac40-VHTT			36	5180	1Mbps	18.00	16.30	
	40	5200	1Mbps	17.50	16.33						40	5200	1Mbps	18.00	16.45	
	44	5220	1Mbps	17.50	16.21						44	5220	1Mbps	18.00	16.45	
802.11ac40-HED	36	5180	1Mbps	17.50	16.21			5.15-5.25 GHz	802.11ac40-HED		36	5180	1Mbps	18.00	16.45	
	40	5200	1Mbps	17.50	16.37						40	5200	1Mbps	18.00	16.38	
	44	5220	1Mbps	17.50	16.35						44	5220	1Mbps	18.00	16.38	

Chain 0						Chain 1										
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.50	18.99	5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.50	19.24			
		56	5280	6Mbps	19.50	19.30			56	5280	6Mbps	19.50	19.31			
		60	5300	6Mbps	19.50	18.82			60	5300	6Mbps	19.50	19.47			
	802.11n20-HTT	64	5320	1Mbps	19.50	18.81		5.25-5.35 GHz	802.11n20-HTT	64	5320	1Mbps	19.50	19.23		
		68	5340	1Mbps	19.50	18.92				68	5340	1Mbps	19.50	19.33		
		72	5360	1Mbps	19.50	18.81				72	5360	1Mbps	19.50	19.33		
	802.11n20-VHTT	64	5320	1Mbps	19.50	18.31			5.25-5.35 GHz	802.11n20-VHTT	64	5320	1Mbps	20.00	19.12	
		68	5340	1Mbps	19.50	18.40					68	5340	1Mbps	20.00	19.17	
		72	5360	1Mbps	19.50	18.34					72	5360	1Mbps	20.00	19.78	
	802.11n40-HED	64	5320	1Mbps	19.50	18.34				5.25-5.35 GHz	802.11n40-HED	64	5320	1Mbps	20.00	19.27
		68	5340	1Mbps	19.50	18.28						68	5340	1Mbps	20.00	19.27
		72	5360	1Mbps	19.50	18.33						72	5360	1Mbps	20.00	19.29
802.11n40-HTT	64	5320	1Mbps	19.50	18.41	5.25-5.35 GHz	802.11n40-HTT				64	5320	1Mbps	20.00	19.69	
	68	5340	1Mbps	19.50	18.28						68	5340	1Mbps	20.00	19.74	
	72	5360	1Mbps	19.50	18.33						72	5360	1Mbps	20.00	19.73	
802.11ac40-VHTT	52	5260	1Mbps	19.50	17.42		5.25-5.35 GHz	802.11ac40-VHTT			52	5260	1Mbps	19.50	18.26	
	56	5280	1Mbps	19.50	17.67						56	5280	1Mbps	19.50	19.30	
	60	5300	1Mbps	19.50	17.63						60	5300	1Mbps	19.50	19.28	
802.11ac40-HED	52	5260	1Mbps	19.50	17.63			5.25-5.35 GHz	802.11ac40-HED		52	5260	1Mbps	19.50	18.26	
	56	5280	1Mbps	19.50	17.67						56	5280	1Mbps	19.50	19.30	
	60	5300	1Mbps	19.50	17.63						60	5300	1Mbps	19.50	19.28	

Chain 0						Chain 1										
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5600 MHz	802.11a	100	5500	6Mbps	20.00	18.73	5600 MHz	802.11a	100	5500	6Mbps	20.00	19.78			
		116	5580	6Mbps	20.00	18.70			116	5580	6Mbps	20.00	19.32			
		120	5600	6Mbps	20.00	18.82			120	5600	6Mbps	20.00	19.32			
	802.11n20-HTT	140	5700	1Mbps	20.00	18.71		5600 MHz	802.11n20-HTT	140	5700	1Mbps	20.00	19.68		
		144	5720	1Mbps	20.00	18.72				144	5720	1Mbps	20.00	19.77		
		148	5740	1Mbps	20.00	18.72				148	5740	1Mbps	20.00	19.67		
	802.11n20-VHTT	116	5580	1Mbps	20.00	18.78			5600 MHz	802.11n20-VHTT	116	5580	1Mbps	20.00	19.78	
		120	5600	1Mbps	20.00	18.84					120	5600	1Mbps	20.00	19.67	
		140	5700	1Mbps	20.00	18.72					140	5700	1Mbps	20.00	19.78	
	802.11ac40-VHTT	100	5500	1Mbps	20.00	18.81				5600 MHz	802.11ac40-VHTT	100	5500	1Mbps	20.00	19.28
		116	5580	1Mbps	20.00	18.85						116	5580	1Mbps	20.00	19.86
		120	5600	1Mbps	20.00	18.77						120	5600	1Mbps	20.00	19.85
802.11ac40-HED	100	5500	1Mbps	20.00	18.87	5600 MHz	802.11ac40-HED				100	5500	1Mbps	20.00	19.77	
	116	5580	1Mbps	20.00	18.95						116	5580	1Mbps	20.00	19.81	
	140	5700	1Mbps	20.00	18.77						140	5700	1Mbps	20.00	19.89	
802.11n40-HTT	100	5500	1Mbps	20.00	18.87		5600 MHz	802.11n40-HTT			100	5500	1Mbps	20.00	19.81	
	116	5580	1Mbps	20.00	18.87						116	5580	1Mbps	20.00	19.81	
	140	5700	1Mbps	20.00	18.74						140	5700	1Mbps	20.00	19.22	
802.11ac40-VHTT	100	5500	1Mbps	20.00	18.87			5600 MHz	802.11ac40-VHTT		100	5500	1Mbps	20.00	19.22	
	116	5580	1Mbps	20.00	18.87						116	5580	1Mbps	20.00	19.22	
	140	5700	1Mbps	20.00	18.84						140	5700	1Mbps	20.00	19.22	
802.11ac40-HED	100	5500	1Mbps	20.00	18.84				5600 MHz	802.11ac40-HED	100	5500	1Mbps	20.00	19.22	
	116	5580	1Mbps	20.00	18.70						116	5580	1Mbps	20.00	19.22	
	142	5710	1Mbps	20.00	18.72						142	5710	1Mbps	20.00	19.24	
802.11n40-VHTT	106	5530	1Mbps	17.00	16.45	5600 MHz				802.11n40-VHTT	106	5530	1Mbps	19.50	19.21	
	122	5610	1Mbps	20.00	18.18						122	5610	1Mbps	20.00	19.31	
	138	5690	1Mbps	20.00	18.17						138	5690	1Mbps	19.50	19.31	
802.11n40-HED	106	5530	1Mbps	17.00	16.78		5600 MHz			802.11n40-HED	106	5530	1Mbps	19.50	19.31	
	122	5610	1Mbps	20.00	18.83						122	5610	1Mbps	20.00	19.26	
	138	5690	1Mbps	20.00	18.71						138	5690	1Mbps	19.50	19.35	

Chain 0						Chain 1							
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5													

### SISO Gaming

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	18.00	16.25
		40	5200		18.00	16.17
		44	5220		18.00	16.20
	802.11a20-HTO	48	5240	MCS0	18.00	16.20
		36	5180		18.00	16.33
		40	5200		18.00	16.36
	802.11a20-VHTO	44	5220	MCS0	18.00	16.24
		48	5240		18.00	16.29
		36	5180		18.00	16.21
	802.11ac20-VHTO	40	5200	MCS0	18.00	16.28
		44	5220		18.00	16.37
		48	5240		18.00	16.33
	802.11ax20-HEO	36	5180	MCS0	18.00	16.21
		40	5200		18.00	16.32
		44	5220		18.00	16.18
	802.11n40-HTO	48	5240	MCS0	18.00	16.37
		38	5190		18.00	16.25
	802.11ac40-VHTO	46	5230	MCS0	18.00	16.76
		38	5190		18.00	16.32
	802.11ax40-HEO	46	5230	MCS0	18.00	16.27
		38	5190		18.00	16.45
	802.11ac80-VHTO	46	5230	MCS0	19.00	16.38
		42	5210		17.50	15.68
	802.11ax80-HEO	42	5210	MCS0	17.50	15.80
46		5230	17.50		15.80	

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.50	19.24
		56	5280		19.50	19.31
		60	5300		19.50	19.47
	802.11a20-HTO	64	5320	MCS0	19.50	19.33
		52	5260		20.00	19.52
		56	5280		20.00	10.12
	802.11a20-VHTO	60	5300	MCS0	20.00	19.77
		64	5320		20.00	18.35
		52	5260		20.00	19.76
	802.11ac20-VHTO	56	5280	MCS0	20.00	19.77
		60	5300		20.00	19.89
		64	5320		20.00	19.86
	802.11ax20-HEO	52	5260	MCS0	20.00	19.99
		56	5280		20.00	19.74
		60	5300		20.00	19.73
	802.11n40-HTO	64	5320	MCS0	20.00	19.69
		54	5270		19.50	19.49
	802.11ac40-VHTO	54	5270	MCS0	19.50	19.30
		62	5310		19.50	19.35
	802.11ax40-HEO	54	5270	MCS0	19.50	19.20
		62	5310		19.50	19.27
	802.11ac80-VHTO	56	5290	MCS0	19.50	19.27
		58	5290		19.50	19.26

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	20.00	19.76
		116	5580		20.00	19.32
		120	5600		20.00	19.57
		140	5700		20.00	19.58
		144	5720		20.00	19.77
		100	5500		20.00	19.81
	802.11a20-HTO	116	5580	MCS0	20.00	19.78
		120	5600		20.00	19.87
		140	5700		20.00	19.78
		144	5720		20.00	19.85
		100	5500		20.00	19.96
		116	5580		20.00	19.86
	802.11ac20-VHTO	120	5600	MCS0	20.00	19.85
		140	5700		20.00	19.77
		144	5720		20.00	19.82
		100	5500		20.00	19.81
		116	5580		20.00	19.88
		120	5600		20.00	19.74
	802.11ax20-HEO	140	5700	MCS0	20.00	19.88
		144	5720		20.00	19.87
		102	5510		19.50	19.23
		110	5550		19.50	19.46
		118	5590		19.50	19.37
		134	5670		19.50	19.22
	802.11n40-HTO	142	5710	MCS0	19.50	19.22
		102	5510		19.50	19.22
		110	5550		19.50	19.22
		134	5670		19.50	19.49
		142	5710		19.50	19.40
		102	5510		19.50	19.34
	802.11ac40-VHTO	110	5550	MCS0	19.50	19.18
		134	5670		19.50	19.25
		142	5710		19.50	19.24
		106	5530		19.50	19.21
		122	5610		19.50	19.31
		138	5690		19.50	19.31
	802.11ax40-HEO	106	5530	MCS0	19.50	19.34
		122	5610		19.50	19.26
		138	5690		19.50	19.31
		106	5530		19.50	19.31
		122	5610		19.50	19.26
		138	5690		19.50	19.31

Chain 1						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	20.00	19.49
		157	5785		20.00	19.17
		165	5825		20.00	19.48
	802.11a20-HTO	149	5745	MCS0	20.00	19.50
		157	5785		20.00	19.36
		165	5825		20.00	19.37
	802.11a20-VHTO	149	5745	MCS0	20.00	19.17
		157	5785		20.00	19.16
		165	5825		20.00	19.19
	802.11ax20-HEO	149	5745	MCS0	20.00	19.20
		157	5785		20.00	19.30
		165	5825		20.00	19.47
	802.11n40-HTO	151	5755	MCS0	20.00	19.18
		159	5795		20.00	19.22
		151	5755		20.00	19.12
	802.11ac40-VHTO	159	5795	MCS0	20.00	19.47
		151	5755		20.00	19.15
		159	5795		20.00	19.12
	802.11ax40-HEO	151	5755	MCS0	20.00	19.63
		155	5775		20.00	19.44
		155	5775		20.00	19.44

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### MIMO+DBS Calling

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	17.00	16.95
		6	2437		17.00	16.73
		11	2462		17.00	16.72
	802.11g	1	2412	6Mbps	17.00	16.86
		6	2437		17.00	16.75
		11	2462		17.00	16.88
	802.11n20-HTO	1	2412	MC50	17.00	16.86
		6	2437		17.00	16.55
		11	2462		17.00	16.95
	802.11ax20-HEO	1	2412	MC50	17.00	16.95
		6	2437		17.00	16.92
		11	2462		17.00	16.77
802.11n40-HTO	3	2432	MC50	17.00	16.83	
	6	2437		17.00	16.83	
	9	2452		17.00	16.98	
802.11ax40-HEO	3	2432	MC50	17.00	16.72	
	6	2437		17.00	16.76	
	9	2452		17.00	16.81	

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	13.50	13.33
		40	5200		13.50	13.20
		44	5220		13.50	13.26
		48	5240		13.50	13.26
	802.11n20-HTO	36	5180	MC50	13.50	13.31
		40	5200		13.50	13.34
		44	5220		13.50	13.17
		48	5240		13.50	13.21
	802.11ac20-VHTO	36	5180	MC50	13.50	13.31
		40	5200		13.50	13.36
		44	5220		13.50	13.21
		48	5240		13.50	13.26
	802.11ax20-HEO	36	5180	MC50	13.50	13.28
		40	5200		13.50	13.41
		44	5220		13.50	13.45
		48	5240		13.50	13.23
	802.11n40-HTO	36	5180	MC50	13.50	13.43
		48	5240		13.50	13.43
	802.11ac40-VHTO	36	5180	MC50	13.50	13.18
		48	5240		13.50	13.47
	802.11ax40-HEO	36	5180	MC50	13.50	13.18
		48	5240		13.50	12.85
	802.11ax80-VHTO	42	5210	MC50	13.00	12.82
		42	5210		13.00	12.98

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	14.00	13.99
		56	5280		14.00	13.98
		60	5300		14.00	13.79
		64	5320		14.00	13.87
	802.11n20-HTO	52	5260	MC50	14.00	13.89
		56	5280		14.00	13.56
		60	5300		14.00	13.70
		64	5320		14.00	13.70
	802.11ac20-VHTO	52	5260	MC50	14.00	13.89
		56	5280		14.00	13.81
		60	5300		14.00	13.68
		64	5320		14.00	13.79
	802.11ax20-HEO	52	5260	MC50	14.00	13.79
		56	5280		14.00	13.88
		60	5300		14.00	13.83
		64	5320		14.00	13.88
	802.11n40-HTO	54	5270	MC50	13.50	13.25
		62	5310		13.50	13.28
	802.11ac40-VHTO	54	5270	MC50	13.50	13.21
		62	5310		13.50	13.28
	802.11ax40-HEO	54	5270	MC50	13.50	13.40
		62	5310		13.50	13.35
	802.11ax80-VHTO	58	5290	MC50	13.50	13.22
		58	5290		13.50	13.38

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	108	5660	6Mbps	11.00	10.75
		116	5680		11.00	10.73
		120	5690		11.00	10.89
		140	5700		11.00	10.91
		144	5720		11.00	10.84
		100	5650		11.00	10.77
	802.11n20-HTO	108	5660	MC50	11.00	10.71
		116	5680		11.00	10.66
		120	5690		11.00	10.86
		140	5700		11.00	10.74
		144	5720		11.00	10.71
		100	5650		11.00	10.75
	802.11ac20-VHTO	108	5660	MC50	11.00	10.79
		116	5680		11.00	10.79
		120	5690		11.00	10.80
		140	5700		11.00	10.80
		144	5720		11.00	10.78
		100	5650		11.00	10.95
	802.11ax20-HEO	108	5660	MC50	11.00	10.84
		116	5680		11.00	10.88
		120	5690		11.00	10.92
		140	5700		11.00	10.89
		144	5720		11.00	10.89
		100	5650		11.00	10.92
	802.11n40-HTO	110	5650	MC50	11.00	10.89
		118	5660		11.00	10.83
		134	5670		11.00	10.89
		142	5710		11.00	10.94
		102	5510		11.00	10.75
		110	5550		11.00	10.76
	802.11ac40-VHTO	110	5550	MC50	11.00	10.76
		134	5670		11.00	10.88
		142	5710		11.00	10.74
		102	5510		11.00	10.75
		110	5550		11.00	10.73
		124	5710		11.00	10.81
802.11ax40-HEO	108	5660	MC50	11.00	10.83	
	122	5670		11.00	10.92	
	138	5680		11.00	10.98	
	106	5520		11.00	10.85	
	122	5670		11.00	10.97	
	138	5680		11.00	10.78	

Chain 0						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	12.50	12.25
		157	5765		12.50	12.26
		165	5785		12.50	12.31
	802.11n20-HTO	149	5745	MC50	12.50	12.25
		157	5765		12.50	12.36
		165	5785		12.50	12.31
	802.11ac20-VHTO	149	5745	MC50	12.50	12.28
		157	5765		12.50	12.32
		165	5785		12.50	12.27
	802.11ax20-HEO	149	5745	MC50	12.50	12.34
		157	5765		12.50	12.23
		165	5785		12.50	12.20
	802.11n40-HTO	151	5745	MC50	12.50	12.38
		159	5765		12.50	12.37
	802.11ac40-VHTO	151	5745	MC50	12.50	12.23
		159	5765		12.50	12.26
	802.11ax40-HEO	151	5745	MC50	12.50	12.20
		159	5765		12.50	12.36
	802.11ax80-VHTO	155	5775	MC50	12.50	12.48
		155	5775		12.50	12.16

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### MIMO+DBS\_Camera

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	14.50	14.22
		40	5200		14.50	14.30
		44	5220		14.50	14.34
		48	5240		14.50	14.39
	802.11n20-HTD	36	5180	MCS0	14.50	14.27
		40	5200		14.50	14.23
		44	5220		14.50	14.19
		48	5240		14.50	14.30
	802.11ac20-VHTD	36	5180	MCS0	14.50	14.26
		40	5200		14.50	14.30
		44	5220		14.50	14.35
		48	5240		14.50	14.35
	802.11ax20-HED	36	5180	MCS0	14.50	14.29
		40	5200		14.50	14.39
		44	5220		14.50	14.27
		48	5240		14.50	14.33
	802.11n40-HTD	38	5190	MCS0	14.50	14.33
		42	5210		14.50	14.27
		46	5230		14.50	14.26
		46	5230		14.50	14.36
	802.11ac40-VHTD	38	5190	MCS0	14.50	14.26
		42	5210		14.50	14.36
		46	5230		14.50	14.28
		46	5230		14.50	14.28
802.11ax40-HED	38	5190	MCS0	14.00	13.98	
	42	5210		14.00	13.98	
	46	5230		14.00	13.98	
	46	5230		14.00	13.98	

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	15.00	14.69
		40	5200		15.00	14.96
		44	5220		15.00	14.90
		48	5240		15.00	14.74
	802.11n20-HTD	36	5180	MCS0	15.00	14.86
		40	5200		15.00	14.88
		44	5220		15.00	14.69
		48	5240		15.00	14.72
	802.11ac20-VHTD	36	5180	MCS0	15.00	14.79
		40	5200		15.00	14.73
		44	5220		15.00	14.74
		48	5240		15.00	14.73
	802.11ax20-HED	36	5180	MCS0	15.00	14.93
		40	5200		15.00	14.93
		44	5220		15.00	14.70
		48	5240		15.00	14.79
	802.11n40-HTD	38	5190	MCS0	15.00	14.75
		42	5210		15.00	14.75
		46	5230		15.00	14.66
		46	5230		15.00	14.83
	802.11ac40-VHTD	38	5190	MCS0	15.00	14.81
		42	5210		15.00	14.81
		46	5230		15.00	14.91
		46	5230		15.00	14.81
802.11ax40-HED	38	5190	MCS0	14.50	14.47	
	42	5210		14.50	14.47	
	46	5230		14.50	14.31	
	46	5230		14.50	14.31	

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	16.50	16.39
		56	5280		16.50	16.35
		60	5300		16.50	16.25
		64	5320		16.50	16.31
	802.11n20-HTD	52	5260	MCS0	16.50	16.24
		56	5280		16.50	16.24
		60	5300		16.50	16.21
		64	5320		16.50	16.29
	802.11ac20-VHTD	52	5260	MCS0	16.50	16.42
		56	5280		16.50	16.21
		60	5300		16.50	16.29
		64	5320		16.50	16.32
	802.11ax20-HED	52	5260	MCS0	16.50	16.21
		56	5280		16.50	16.21
		60	5300		16.50	16.19
		64	5320		16.50	16.46
	802.11n40-HTD	54	5270	MCS0	16.00	15.69
		62	5310		16.00	15.75
		62	5310		16.00	15.72
		62	5310		16.00	15.96
	802.11ac40-VHTD	54	5270	MCS0	16.00	15.96
		62	5310		16.00	15.73
		62	5310		16.00	15.98
		62	5310		16.00	15.79
802.11ax40-HED	54	5270	MCS0	16.00	15.79	
	62	5310		16.00	15.79	
	62	5310		16.00	15.79	
	62	5310		16.00	15.79	

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	17.00	16.89
		56	5280		17.00	16.99
		60	5300		17.00	16.71
		64	5320		17.00	16.65
	802.11n20-HTD	52	5260	MCS0	17.00	16.66
		56	5280		17.00	16.78
		60	5300		17.00	16.76
		64	5320		17.00	16.72
	802.11ac20-VHTD	52	5260	MCS0	17.00	16.84
		56	5280		17.00	16.91
		60	5300		17.00	16.67
		64	5320		17.00	16.67
	802.11ax20-HED	52	5260	MCS0	17.00	16.66
		56	5280		17.00	16.84
		60	5300		17.00	16.67
		64	5320		17.00	16.79
	802.11n40-HTD	54	5270	MCS0	16.50	16.39
		62	5310		16.50	16.29
		62	5310		16.50	16.29
		62	5310		16.50	16.42
	802.11ac40-VHTD	54	5270	MCS0	16.50	16.34
		62	5310		16.50	16.39
		62	5310		16.50	16.39
		62	5310		16.50	16.32
802.11ax40-HED	54	5270	MCS0	16.50	16.31	
	62	5310		16.50	16.31	
	62	5310		16.50	16.32	
	62	5310		16.50	16.31	

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	17.00	16.79
		116	5560		17.00	16.87
		132	5620		17.00	16.89
		140	5700		17.00	16.72
	802.11n20-HTD	100	5500	MCS0	17.00	16.90
		116	5560		17.00	16.86
		132	5620		17.00	16.84
		140	5700		17.00	16.94
	802.11ac20-VHTD	100	5500	MCS0	17.00	16.86
		116	5560		17.00	16.82
		132	5620		17.00	16.79
		140	5700		17.00	16.86
	802.11ax20-HED	100	5500	MCS0	17.00	16.81
		116	5560		17.00	16.81
		132	5620		17.00	16.88
		140	5700		17.00	16.88
	802.11n40-HTD	110	5550	MCS0	17.00	16.68
		118	5590		17.00	16.77
		134	5670		17.00	16.85
		142	5710		17.00	16.83
	802.11ac40-VHTD	110	5550	MCS0	17.00	16.87
		118	5590		17.00	16.93
		134	5670		17.00	16.88
		142	5710		17.00	16.88
	802.11ax40-HED	110	5550	MCS0	17.00	16.84
		118	5590		17.00	16.90
		134	5670		17.00	16.77
		142	5710		17.00	16.79
	802.11ac80-VHTD	106	5530	MCS0	17.00	16.45
		122	5610		17.00	16.86
		138	5690		17.00	16.97
		106	5530		17.00	16.84
	802.11ax80-HED	106	5530	MCS0	17.00	16.72
		122	5610		17.00	16.82
		138	5690		17.00	16.85
		106	5530		17.00	16.85

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	17.00	16.96
		116	5560		17.00	16.84
		132	5620		17.00	16.87
		140	5700		17.00	16.90
	802.11n20-HTD	100	5500	MCS0	17.00	16.78
		116	5560		17.00	16.76
		132	5620		17.00	16.71
		140	5700		17.00	16.85
	802.11ac20-VHTD	100	5500	MCS0	17.00	16.85
		116	5560		17.00	16.80
		132	5620		17.00	16.79
		140	5700		17.00	16.76
	802.11ax20-HED	100	5500	MCS0	17.00	16.87
		116	5560		17.00	16.83
		132	5620		17.00	16.87
		140	5700		17.00	16.87
	802.11n40-HTD	110	5550	MCS0	16.50	16.29
		118	5590		16.50	16.29
		134	5670		16.50	16.22
		142	5710		16.50	16.25
	802.11ac40-VHTD	110	5550	MCS0	16.50	16.22
		118	5590		16.50	16.27
		134	5670		16.50	16.36
		142	5710		16.50	16.36
	802.11ax40-HED	110	5550	MCS0	16.50	16.36
		118	5590		16.50	16.36
		134	5670		16.50	16.31
		142	5710		16.50	16.36
	802.11ac80-VHTD	106	5530	MCS0	16.50	16.41
		122	5610		16.50	16.24
		138	5690		16.50	16.40
		106	5530		16.50	16.34
	802.11ax80-HED	106	5530	MCS0	16.50	16.34
		122	5610		16.50	16.34
		138	5690		16.50	16.34
		106	5530		16.50	16.34

Chain 0						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	17.00	16.70
		157	5785		17.00	16.72
		165	5825		17.00	16.78
		149	5745		17.00	16.74
	802.11n20-HTD	149	5745	MCS0	17.00	16.80
		157	5785		17.00	16.76
		165	5825		17.00	16.76
		149	5745		17.00	16.73
	802.11ac20-VHTD	149	5745	MCS0	17.00	16.80
		157	5785		17.00	16.83
		165	5825		17.00	16.83
		149	5745		17.00	16.82
	802.11ax20-HED	149	5745	MCS0	17.00	16.81
		157	5785		17.00	16.81
		165	5825		17.00	16.83
		149	5745		17.00	16.8

**Bluetooth maximum power table:**

Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
		Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
CH 00	2402	13.50	12.13	13.50	8.40	13.50	8.48
CH 39	2441	13.50	12.55	13.50	9.05	13.50	9.03
CH 78	2480	12.00	10.64	12.00	7.03	12.00	7.02

Channel	Frequency (MHz)	GFSK	
		Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
CH 37	2402	14.00	12.82
CH 18	2442	14.00	13.54
CH 39	2480	13.00	11.42

Channel	Frequency (MHz)	GFSK	
		Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
CH 37	2402	11.50	10.26
CH 18	2442	11.50	11.15
CH 39	2480	11.00	9.07

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## Reduced power

2G

### WWAN UAT hotspot calling mode reduced power GSM 850 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	30.5	30.14	21.11
	836.6	190	30.5	30.46	21.43
	848.8	251	30.5	30.31	21.28
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

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**WWAN\_LAT hotspot Reduced power  
GSM 1900 - conducted power table:**

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM1900 (GMSK)	1850.2	512	31	30.13	21.10
	1800	661	31	30.50	21.47
	1909.8	810	31	30.22	21.19
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

**GPRS 1900 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			30.5	27.5
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 1900 (GMSK)	1850.2	512	30.21	27.38
	1880	661	30.42	27.45
	1909.8	810	30.20	27.40
Source-based time average power				
GPRS 1900 (GMSK)	1850.2	512	21.18	21.36
	1880	661	21.39	21.43
	1909.8	810	21.17	21.38
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**EDGE 1900 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			28	28
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
EDGE 1900 (8PSK)	1850.2	512	25.80	22.58
	1880	661	25.84	22.73
	1909.8	810	25.71	22.70
Source-based time average power				
EDGE 1900 (8PSK)	1850.2	512	16.77	16.56
	1880	661	16.81	16.71
	1909.8	810	16.68	16.68
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**WWAN LAT hotspot calling mode reduced power**
**GSM 850 - conducted power table:**

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

**GPRS 850 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	33
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	32.13
	836.6	190	32.48	32.20
	848.8	251	32.27	32.19
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	26.11
	836.6	190	23.45	26.18
	848.8	251	23.24	26.17
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**WWAN LAT hotspot camera mode reduced power  
GSM 850 - conducted power table:**

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

**GPRS 850 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	31
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	30.83
	836.6	190	32.48	30.95
	848.8	251	32.27	30.91
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	24.81
	836.6	190	23.45	24.93
	848.8	251	23.24	24.89
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**WWAN LAT hotspot normal landscape mode reduced power**
**GSM 850 - conducted power table:**

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

**GPRS 850 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	32.5
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	30.83
	836.6	190	32.48	30.95
	848.8	251	32.27	30.91
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	24.81
	836.6	190	23.45	24.93
	848.8	251	23.24	24.89
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**WWAN LAT hotspot gaming mode reduced power  
GSM 850 - conducted power table:**

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

**GPRS 850 - conducted power table:**

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	32
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	30.83
	836.6	190	32.48	30.95
	848.8	251	32.27	30.91
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	24.81
	836.6	190	23.45	24.93
	848.8	251	23.24	24.89
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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**Reduced power**
**3G**
**WWAN\_LAT hotspot reduced power**
**WCDMA Band II - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table**
**(Unit: dBm):**

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		21.50		
3GPP Rel 99	RMC 12.2Kbps	21.39	21.41	21.34
3GPP Rel 5	HSDPA Subtest-1	20.31	20.37	20.32
	HSDPA Subtest-2	20.35	20.35	20.26
	HSDPA Subtest-3	19.90	19.78	19.78
	HSDPA Subtest-4	19.99	19.80	19.72
3GPP Rel 6	HSUPA Subtest-1	20.36	20.28	20.22
	HSUPA Subtest-2	19.85	19.83	19.83
	HSUPA Subtest-3	20.33	20.38	20.14
	HSUPA Subtest-4	20.43	20.36	20.33
	HSUPA Subtest-5	20.33	20.22	20.21
3GPP Rel 7	HSUPA Subtest-1	20.35	20.25	20.18
3GPP Rel 8	HSUPA Subtest-2	20.18	20.12	20.17
	HSUPA Subtest-3	20.24	20.34	20.29
	HSUPA Subtest-4	19.65	19.69	19.69
	HSUPA Subtest-5	19.97	19.94	19.71

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**WWAN\_LAT hotspot reduced power  
WCDMA Band IV - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table  
(Unit: dBm):**

Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>22.50</b>		
3GPP Rel 99	RMC 12.2Kbps	22.46	22.43	22.48
3GPP Rel 5	HSDPA Subtest-1	21.31	21.37	21.42
	HSDPA Subtest-2	21.35	21.31	21.36
	HSDPA Subtest-3	20.94	20.83	20.83
	HSDPA Subtest-4	20.83	20.96	20.92
3GPP Rel 6	HSUPA Subtest-1	21.51	21.27	21.31
	HSUPA Subtest-2	20.86	20.84	20.79
	HSUPA Subtest-3	21.44	21.47	21.33
	HSUPA Subtest-4	21.35	21.26	21.40
	HSUPA Subtest-5	21.25	21.39	21.32
3GPP Rel 7	HSUPA Subtest-1	21.33	21.37	21.35
3GPP Rel 8	HSUPA Subtest-2	21.24	21.28	21.15
	HSUPA Subtest-3	20.89	20.82	20.87
	HSUPA Subtest-4	20.76	20.92	20.92
	HSUPA Subtest-5	21.31	21.13	21.28

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SGS Taiwan Ltd. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

**WWAN\_UAT hotspot calling mode reduced power  
WCDMA Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table  
(Unit: dBm):**

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>21.00</b>		
3GPP Rel 99	RMC 12.2Kbps	20.98	20.83	20.79
3GPP Rel 5	HSDPA Subtest-1	19.95	19.85	19.75
	HSDPA Subtest-2	19.94	19.83	19.72
	HSDPA Subtest-3	19.43	19.34	19.25
	HSDPA Subtest-4	19.44	19.32	19.21
3GPP Rel 6	HSUPA Subtest-1	19.99	19.87	19.77
	HSUPA Subtest-2	19.45	19.34	19.24
	HSUPA Subtest-3	19.89	19.87	19.75
	HSUPA Subtest-4	19.93	19.83	19.77
	HSUPA Subtest-5	19.95	19.79	19.76
3GPP Rel 7	HSUPA Subtest-1	19.90	19.84	19.91
3GPP Rel 8	HSUPA Subtest-2	19.91	19.82	19.73
	HSUPA Subtest-3	19.43	19.33	19.25
	HSUPA Subtest-4	19.51	19.41	19.34
	HSUPA Subtest-5	19.84	19.81	19.72

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**WWAN LAT hotspot camera mode reduced power  
WCDMA Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table  
(Unit: dBm):**

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>23.50</b>		
3GPP Rel 99	RMC 12.2Kbps	23.18	23.13	23.09
3GPP Rel 5	HSDPA Subtest-1	22.15	22.07	23.11
	HSDPA Subtest-2	22.21	22.36	23.10
	HSDPA Subtest-3	21.64	21.86	23.13
	HSDPA Subtest-4	21.67	21.77	23.12
3GPP Rel 6	HSUPA Subtest-1	22.15	22.10	22.03
	HSUPA Subtest-2	21.66	21.59	21.61
	HSUPA Subtest-3	22.14	22.05	22.12
	HSUPA Subtest-4	22.15	22.09	22.08
	HSUPA Subtest-5	22.18	22.05	22.06
3GPP Rel 7	HSUPA Subtest-1	22.10	22.05	21.98
3GPP Rel 8	HSUPA Subtest-2	21.63	21.56	21.58
	HSUPA Subtest-3	21.98	21.89	21.96
	HSUPA Subtest-4	22.01	21.95	21.94
	HSUPA Subtest-5	22.05	21.92	21.93

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**WWAN LAT hotspot gaming mode reduced power  
WCDMA Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table  
(Unit: dBm):**

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>24.00</b>		
3GPP Rel 99	RMC 12.2Kbps	23.18	23.13	23.09
3GPP Rel 5	HSDPA Subtest-1	22.15	22.07	23.11
	HSDPA Subtest-2	22.21	22.36	23.10
	HSDPA Subtest-3	21.64	21.86	23.13
	HSDPA Subtest-4	21.67	21.77	23.12
3GPP Rel 6	HSUPA Subtest-1	22.15	22.10	22.03
	HSUPA Subtest-2	21.66	21.59	21.61
	HSUPA Subtest-3	22.14	22.05	22.12
	HSUPA Subtest-4	22.15	22.09	22.08
	HSUPA Subtest-5	22.18	22.05	22.06
3GPP Rel 7	HSUPA Subtest-1	22.10	22.05	21.98
3GPP Rel 8	HSUPA Subtest-2	21.63	21.56	21.58
	HSUPA Subtest-3	21.98	21.89	21.96
	HSUPA Subtest-4	22.01	21.95	21.94
	HSUPA Subtest-5	22.05	21.92	21.93

**Subtests for WCDMA Release 5 HSDPA**

SUB-TEST	$\beta_c$	$\beta_d$	$\beta_d$ (SF)	$\beta_o/\beta_d$	$\beta_{HS}$ (Note 1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15	15/15	64	12/15	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

**Subtests for WCDMA Release 6 HSUPA**

SUB-TEST	$\beta_c$	$\beta_d$	$\beta_d$ (SF)	$\beta_o/\beta_d$	$\beta_{HS}$ (Note 1)	$\beta_{ec}$	$\beta_{ed}$ (Note 5) (Note 6)	$\beta_{ed}$ (SF)	$\beta_{ed}$ (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 6)	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed1}$ : 47/15 $\beta_{ed2}$ : 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	15/15	64	15/15	30/15	24/15	134/15	4	1	1.0	0.0	21	81

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Reduced power

4G

**LTE FDD Band 2 / Band 4 / Band 5 / Band 7 / Band 12 / Band 13 / Band 17 / Band 25 / Band 26 / Band 30 / Band 66 / Band 71 - conducted power table:**

**LTE FDD Band 2 - conducted power table:  
Uplink CA Inter-band power**

Carrier Band	Carrier Power	EUTRA		EUTRA		EUTRA		EUTRA		EUTRA	
		Band	Power	Band	Power	Band	Power	Band	Power	Band	Power
B1	100W	B2	100W	B4	100W	B5	100W	B7	100W	B12	100W
		B13	100W	B17	100W	B25	100W	B26	100W	B30	100W
		B66	100W	B71	100W						
		B2	100W	B4	100W	B5	100W	B7	100W	B12	100W
	50W	B13	50W	B17	50W	B25	50W	B26	50W	B30	50W
		B66	50W	B71	50W						
		B2	50W	B4	50W	B5	50W	B7	50W	B12	50W
		B13	50W	B17	50W	B25	50W	B26	50W	B30	50W
	25W	B66	25W	B71	25W						
		B2	25W	B4	25W	B5	25W	B7	25W	B12	25W
		B13	25W	B17	25W	B25	25W	B26	25W	B30	25W
		B66	25W	B71	25W						

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### LTE FDD Band 5 - conducted power table: Hotspot & Head with WLAN calling\_UAT

FDD Band 5							FDD Band 5							FDD Band 5							FDD Band 5																							
BSW/HC	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE (dBm per 100MHz)	BSW/HC	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE (dBm per 100MHz)	BSW/HC	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE (dBm per 100MHz)	BSW/HC	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE (dBm per 100MHz)									
OPFQ	1 RB	25	0	B3.5	20450	2072	21.00	0	OPFQ	1 RB	12	0	B3.5	20450	2074	21.00	0	OPFQ	1 RB	7	0	B3.5	20415	2069	21.00	0	OPFQ	1 RB	2	0	B3.5	20450	2076	21.00	0	OPFQ	3 RB	2	0	B3.5	20450	2078	21.00	0
				B3.5	20525	2082	21.00	0					B3.5	20525	2084	21.00	0					B3.5	20525	2086	21.00	0					B3.5	20525	2088	21.00	0									
				B3.5	20600	2088	21.00	0					B3.5	20600	2090	21.00	0					B3.5	20600	2092	21.00	0					B3.5	20600	2094	21.00	0									
				B3.5	20675	2094	21.00	0					B3.5	20675	2096	21.00	0					B3.5	20675	2098	21.00	0					B3.5	20675	2100	21.00	0									
				B3.5	20750	2100	21.00	0					B3.5	20750	2102	21.00	0					B3.5	20750	2104	21.00	0					B3.5	20750	2106	21.00	0									
				B3.5	20825	2106	21.00	0					B3.5	20825	2108	21.00	0					B3.5	20825	2110	21.00	0					B3.5	20825	2112	21.00	0									
				B3.5	20900	2112	21.00	0					B3.5	20900	2114	21.00	0					B3.5	20900	2116	21.00	0					B3.5	20900	2118	21.00	0									
				B3.5	20975	2118	21.00	0					B3.5	20975	2120	21.00	0					B3.5	20975	2122	21.00	0					B3.5	20975	2124	21.00	0									
				B3.5	21050	2124	21.00	0					B3.5	21050	2126	21.00	0					B3.5	21050	2128	21.00	0					B3.5	21050	2130	21.00	0									
				B3.5	21125	2130	21.00	0					B3.5	21125	2132	21.00	0					B3.5	21125	2134	21.00	0					B3.5	21125	2136	21.00	0									
				B3.5	21200	2136	21.00	0					B3.5	21200	2138	21.00	0					B3.5	21200	2140	21.00	0					B3.5	21200	2142	21.00	0									
				B3.5	21275	2142	21.00	0					B3.5	21275	2144	21.00	0					B3.5	21275	2146	21.00	0					B3.5	21275	2148	21.00	0									
B3.5	21350	2148	21.00	0	B3.5	21350	2150	21.00	0	B3.5	21350	2152	21.00	0	B3.5	21350	2154	21.00	0																									
B3.5	21425	2154	21.00	0	B3.5	21425	2156	21.00	0	B3.5	21425	2158	21.00	0	B3.5	21425	2160	21.00	0																									
B3.5	21500	2160	21.00	0	B3.5	21500	2162	21.00	0	B3.5	21500	2164	21.00	0	B3.5	21500	2166	21.00	0																									
B3.5	21575	2166	21.00	0	B3.5	21575	2168	21.00	0	B3.5	21575	2170	21.00	0	B3.5	21575	2172	21.00	0																									
B3.5	21650	2172	21.00	0	B3.5	21650	2174	21.00	0	B3.5	21650	2176	21.00	0	B3.5	21650	2178	21.00	0																									
B3.5	21725	2178	21.00	0	B3.5	21725	2180	21.00	0	B3.5	21725	2182	21.00	0	B3.5	21725	2184	21.00	0																									
B3.5	21800	2184	21.00	0	B3.5	21800	2186	21.00	0	B3.5	21800	2188	21.00	0	B3.5	21800	2190	21.00	0																									
B3.5	21875	2190	21.00	0	B3.5	21875	2192	21.00	0	B3.5	21875	2194	21.00	0	B3.5	21875	2196	21.00	0																									
B3.5	21950	2196	21.00	0	B3.5	21950	2198	21.00	0	B3.5	21950	2200	21.00	0	B3.5	21950	2202	21.00	0																									
B3.5	22025	2202	21.00	0	B3.5	22025	2204	21.00	0	B3.5	22025	2206	21.00	0	B3.5	22025	2208	21.00	0																									
B3.5	22100	2208	21.00	0	B3.5	22100	2210	21.00	0	B3.5	22100	2212	21.00	0	B3.5	22100	2214	21.00	0																									
B3.5	22175	2214	21.00	0	B3.5	22175	2216	21.00	0	B3.5	22175	2218	21.00	0	B3.5	22175	2220	21.00	0																									
B3.5	22250	2220	21.00	0	B3.5	22250	2222	21.00	0	B3.5	22250	2224	21.00	0	B3.5	22250	2226	21.00	0																									
B3.5	22325	2226	21.00	0	B3.5	22325	2228	21.00	0	B3.5	22325	2230	21.00	0	B3.5	22325	2232	21.00	0																									
B3.5	22400	2232	21.00	0	B3.5	22400	2234	21.00	0	B3.5	22400	2236	21.00	0	B3.5	22400	2238	21.00	0																									
B3.5	22475	2238	21.00	0	B3.5	22475	2240	21.00	0	B3.5	22475	2242	21.00	0	B3.5	22475	2244	21.00	0																									
B3.5	22550	2244	21.00	0	B3.5	22550	2246	21.00	0	B3.5	22550	2248	21.00	0	B3.5	22550	2250	21.00	0																									
B3.5	22625	2250	21.00	0	B3.5	22625	2252	21.00	0	B3.5	22625	2254	21.00	0	B3.5	22625	2256	21.00	0																									
B3.5	22700	2256	21.00	0	B3.5	22700	2258	21.00	0	B3.5	22700	2260	21.00	0	B3.5	22700	2262	21.00	0																									
B3.5	22775	2262	21.00	0	B3.5	22775	2264	21.00	0	B3.5	22775	2266	21.00	0	B3.5	22775	2268	21.00	0																									
B3.5	22850	2268	21.00	0	B3.5	22850	2270	21.00	0	B3.5	22850	2272	21.00	0	B3.5	22850	2274	21.00	0																									
B3.5	22925	2274	21.00	0	B3.5	22925	2276	21.00	0	B3.5	22925	2278	21.00	0	B3.5	22925	2280	21.00	0																									
B3.5	23000	2280	21.00	0	B3.5	23000	2282	21.00	0	B3.5	23000	2284	21.00	0	B3.5	23000	2286	21.00	0																									
B3.5	23075	2286	21.00	0	B3.5	23075	2288	21.00	0	B3.5	23075	2290	21.00	0	B3.5	23075	2292	21.00	0																									
B3.5	23150	2292	21.00	0	B3.5	23150	2294	21.00	0	B3.5	23150	2296	21.00	0	B3.5	23150	2298	21.00	0																									
B3.5	23225	2298	21.00	0	B3.5	23225	2300	21.00	0	B3.5	23225	2302	21.00	0	B3.5	23225	2304	21.00	0																									
B3.5	23300	2304	21.00	0	B3.5	23300	2306	21.00	0	B3.5	23300	2308	21.00	0	B3.5	23300	2310	21.00	0																									
B3.5	23375	2310	21.00	0	B3.5	23375	2312	21.00	0	B3.5	23375	2314	21.00	0	B3.5	23375	2316	21.00	0																									
B3.5	23450	2316	21.00	0	B3.5	23450	2318	21.00	0	B3.5	23450	2320	21.00	0	B3.5	23450	2322	21.00	0																									
B3.5	23525	2322	21.00	0	B3.5	23525	2324	21.00	0	B3.5	23525	2326	21.00	0	B3.5	23525	2328	21.00	0																									
B3.5	23600	2328	21.00	0	B3.5	23600	2330	21.00	0	B3.5	23600	2332	21.00	0	B3.5	23600	2334	21.00	0																									
B3.5	23675	2334	21.00	0	B3.5	23675	2336	21.00	0	B3.5	23675	2338	21.00	0	B3.5	23675	2340	21.00	0																									
B3.5	23750	2340	21.00	0	B3.5	23750	2342	21.00	0	B3.5	23750	2344	21.00	0	B3.5	23750	2346	21.00	0																									
B3.5	23825	2346	21.00	0	B3.5	23825	2348	21.00	0	B3.5	23825	2350	21.00	0	B3.5	23825	2352	21.00	0																									
B3.5	23900	2352	21.00	0	B3.5	23900	2354	21.00	0	B3.5	23900	2356	21.00	0	B3.5	23900	2358	21.00	0																									
B3.5	23975	2358	21.00	0	B3.5	23975	2360	21.00	0	B3.5	23975	2362	21.00	0	B3.5	23975	2364	21.00	0																									
B3.5	24050	2364	21.00	0	B3.5	24050	2366	21.00	0	B3.5	24050	2368	21.00	0	B3.5	24050	2370	21.00	0																									
B3.5	24125	2370	21.00	0	B3.5	24125	2372	21.00	0	B3.5	24125	2374	21.00	0	B3.5	24125	2376	21.00	0																									
B3.5	24200	2376	21.00	0	B3.5	24200	2378	21.00	0	B3.5	24200	2380	21.00	0	B3.5	24200	2382	21.00	0																									
B3.5	24275	2382	21.00	0	B3.5	24275	2384	21.00	0	B3.5	24275	2386	21.00	0	B3.5	24275	2388	21.00	0																									
B3.5	24350	2388	21.00	0	B3.5	24350	2390	21.00	0	B3.5	24350	2392	21.00	0	B3.5	24350	2394	21.00	0																									
B3.5	24425	2394	21.00	0	B3.5	24425	2396	21.00	0	B3.5	24425	2398	21.00	0	B3.5	24425	2400	21.00	0																									
B3.5	24500	2400	21.00	0	B3.5	24500	2402	21.00	0	B3.5	24500	2404	21.00	0	B3.5	24500	2406	21.00	0																									
B3.5	24575	2406	21.00	0	B3.5	24575	2408	21.00	0	B3.5	24575	2410	21.00	0	B3.5	24575	2412	21.00	0																									
B3.5	24650	2412	21.00	0	B3.5	24650	2414	21.00	0	B3.5	24650	2416	21.00	0	B3.5	24650	2418	21.00	0																									
B3.5	24725	2418	21.00	0	B3.5	24725	2420	21.00	0	B3.5																																		



Inter\_with WLAN reduced power\_UAT

FDD Band 5							FDD Band 5							FDD Band 5												
SRM/RF	Module	RF Size	SR Class	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	SRM/RF	Module	RF Size	SR Class	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	SRM/RF	Module	RF Size	SR Class	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)
OPSK	1800	25	0	B20	2440	20.20	20.50	0	OPSK	1800	12	0	B20	2440	20.20	20.50	0	OPSK	1800	2	0	B20	2440	20.20	20.50	0
				B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0
				B20	2440	20.20	20.50	0					B20	2440	20.20	20.50	0					B20	2440	20.20	20.50	0
				B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0
				B20	2440	20.20	20.50	0					B20	2440	20.20	20.50	0					B20	2440	20.20	20.50	0
				B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0
				B20	2440	20.20	20.50	0					B20	2440	20.20	20.50	0					B20	2440	20.20	20.50	0
				B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0
				B20	2440	20.20	20.50	0					B20	2440	20.20	20.50	0					B20	2440	20.20	20.50	0
				B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0					B44	2460	20.20	20.50	0
2500	12	0	B20	2440	19.20	19.50	0.1	2500	6	0	B20	2440	19.20	19.50	0.1	2500	4	0	B20	2440	19.20	19.50	0.1			
			B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1			
			B20	2440	19.20	19.50	0.1				B20	2440	19.20	19.50	0.1				B20	2440	19.20	19.50	0.1			
			B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1			
			B20	2440	19.20	19.50	0.1				B20	2440	19.20	19.50	0.1				B20	2440	19.20	19.50	0.1			
			B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1			
			B20	2440	19.20	19.50	0.1				B20	2440	19.20	19.50	0.1				B20	2440	19.20	19.50	0.1			
			B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1			
			B20	2440	19.20	19.50	0.1				B20	2440	19.20	19.50	0.1				B20	2440	19.20	19.50	0.1			
			B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1				B44	2460	19.20	19.50	0.1			
1800	25	0	B20	2440	18.20	18.50	0.1	1800	12	0	B20	2440	18.20	18.50	0.1	1800	2	0	B20	2440	18.20	18.50	0.1			
			B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1			
			B20	2440	18.20	18.50	0.1				B20	2440	18.20	18.50	0.1				B20	2440	18.20	18.50	0.1			
			B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1			
			B20	2440	18.20	18.50	0.1				B20	2440	18.20	18.50	0.1				B20	2440	18.20	18.50	0.1			
			B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1			
			B20	2440	18.20	18.50	0.1				B20	2440	18.20	18.50	0.1				B20	2440	18.20	18.50	0.1			
			B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1			
			B20	2440	18.20	18.50	0.1				B20	2440	18.20	18.50	0.1				B20	2440	18.20	18.50	0.1			
			B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1				B44	2460	18.20	18.50	0.1			
2500	12	0	B20	2440	17.20	17.50	0.1	2500	6	0	B20	2440	17.20	17.50	0.1	2500	4	0	B20	2440	17.20	17.50	0.1			
			B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1			
			B20	2440	17.20	17.50	0.1				B20	2440	17.20	17.50	0.1				B20	2440	17.20	17.50	0.1			
			B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1			
			B20	2440	17.20	17.50	0.1				B20	2440	17.20	17.50	0.1				B20	2440	17.20	17.50	0.1			
			B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1			
			B20	2440	17.20	17.50	0.1				B20	2440	17.20	17.50	0.1				B20	2440	17.20	17.50	0.1			
			B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1			
			B20	2440	17.20	17.50	0.1				B20	2440	17.20	17.50	0.1				B20	2440	17.20	17.50	0.1			
			B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1				B44	2460	17.20	17.50	0.1			
1800	25	0	B20	2440	16.20	16.50	0.1	1800	12	0	B20	2440	16.20	16.50	0.1	1800	2	0	B20	2440	16.20	16.50	0.1			
			B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1			
			B20	2440	16.20	16.50	0.1				B20	2440	16.20	16.50	0.1				B20	2440	16.20	16.50	0.1			
			B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1			
			B20	2440	16.20	16.50	0.1				B20	2440	16.20	16.50	0.1				B20	2440	16.20	16.50	0.1			
			B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1			
			B20	2440	16.20	16.50	0.1				B20	2440	16.20	16.50	0.1				B20	2440	16.20	16.50	0.1			
			B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1			
			B20	2440	16.20	16.50	0.1				B20	2440	16.20	16.50	0.1				B20	2440	16.20	16.50	0.1			
			B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1				B44	2460	16.20	16.50	0.1			
2500	12	0	B20	2440	15.20	15.50	0.1	2500	6	0	B20	2440	15.20	15.50	0.1	2500	4	0	B20	2440	15.20	15.50	0.1			
			B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1			
			B20	2440	15.20	15.50	0.1				B20	2440	15.20	15.50	0.1				B20	2440	15.20	15.50	0.1			
			B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1			
			B20	2440	15.20	15.50	0.1				B20	2440	15.20	15.50	0.1				B20	2440	15.20	15.50	0.1			
			B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1			
			B20	2440	15.20	15.50	0.1				B20	2440	15.20	15.50	0.1				B20	2440	15.20	15.50	0.1			
			B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1			
			B20	2440	15.20	15.50	0.1				B20	2440	15.20	15.50	0.1				B20	2440	15.20	15.50	0.1			
			B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1				B44	2460	15.20	15.50	0.1			

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### Head LAT ENDC with WLAN Calling

FDD Band 5							FDD Band 5							FDD Band 5							FDD Band 5																																										
SRM/RF	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	SRM/RF	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	SRM/RF	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	SRM/RF	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)																												
OPSK	1 RB	25	0	B20	20450	21.50	24.50	0	1 RB	12	0	B20	20450	22.50	24.50	0	1 RB	2	0	B20	20450	22.50	24.50	0	1 RB	2	0	B20	20450	22.50	24.50	0	1 RB	2	0	B20	20450	22.50	24.50	0	1 RB	2	0	B20	20450	22.50	24.50	0															
				B21	20450	21.50	24.50	0				B21	20450	22.50	24.50	0				B21	20450	22.50	24.50	0				B21	20450	22.50	24.50	0				B21	20450	22.50	24.50	0				B21	20450	22.50	24.50	0	B21	20450	22.50	24.50	0										
				B22	20450	21.50	24.50	0				B22	20450	22.50	24.50	0				B22	20450	22.50	24.50	0				B22	20450	22.50	24.50	0				B22	20450	22.50	24.50	0				B22	20450	22.50	24.50	0	B22	20450	22.50	24.50	0	B22	20450	22.50	24.50	0					
				B23	20450	21.50	24.50	0				B23	20450	22.50	24.50	0				B23	20450	22.50	24.50	0				B23	20450	22.50	24.50	0				B23	20450	22.50	24.50	0				B23	20450	22.50	24.50	0	B23	20450	22.50	24.50	0	B23	20450	22.50	24.50	0					
				B24	20450	21.50	24.50	0				B24	20450	22.50	24.50	0				B24	20450	22.50	24.50	0				B24	20450	22.50	24.50	0				B24	20450	22.50	24.50	0				B24	20450	22.50	24.50	0	B24	20450	22.50	24.50	0	B24	20450	22.50	24.50	0	B24	20450	22.50	24.50	0
				B25	20450	21.50	24.50	0				B25	20450	22.50	24.50	0				B25	20450	22.50	24.50	0				B25	20450	22.50	24.50	0				B25	20450	22.50	24.50	0				B25	20450	22.50	24.50	0	B25	20450	22.50	24.50	0	B25	20450	22.50	24.50	0	B25	20450	22.50	24.50	0
				B26	20450	21.50	24.50	0				B26	20450	22.50	24.50	0				B26	20450	22.50	24.50	0				B26	20450	22.50	24.50	0				B26	20450	22.50	24.50	0				B26	20450	22.50	24.50	0	B26	20450	22.50	24.50	0	B26	20450	22.50	24.50	0	B26	20450	22.50	24.50	0
				B27	20450	21.50	24.50	0				B27	20450	22.50	24.50	0				B27	20450	22.50	24.50	0				B27	20450	22.50	24.50	0				B27	20450	22.50	24.50	0				B27	20450	22.50	24.50	0	B27	20450	22.50	24.50	0	B27	20450	22.50	24.50	0	B27	20450	22.50	24.50	0
				B28	20450	21.50	24.50	0				B28	20450	22.50	24.50	0				B28	20450	22.50	24.50	0				B28	20450	22.50	24.50	0				B28	20450	22.50	24.50	0				B28	20450	22.50	24.50	0	B28	20450	22.50	24.50	0	B28	20450	22.50	24.50	0	B28	20450	22.50	24.50	0
				B29	20450	21.50	24.50	0				B29	20450	22.50	24.50	0				B29	20450	22.50	24.50	0				B29	20450	22.50	24.50	0				B29	20450	22.50	24.50	0				B29	20450	22.50	24.50	0	B29	20450	22.50	24.50	0	B29	20450	22.50	24.50	0	B29	20450	22.50	24.50	0
				B30	20450	21.50	24.50	0				B30	20450	22.50	24.50	0				B30	20450	22.50	24.50	0				B30	20450	22.50	24.50	0				B30	20450	22.50	24.50	0				B30	20450	22.50	24.50	0	B30	20450	22.50	24.50	0	B30	20450	22.50	24.50	0	B30	20450	22.50	24.50	0

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### Hotspot\_UAT\_ENDC with WLAN Calling

FDD Band 5							FDD Band 5							FDD Band 5							FDD Band 5																																		
SRV/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR (dB)	Power Spectral Density (PSDF) (dB/Hz)	SRV/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR (dB)	Power Spectral Density (PSDF) (dB/Hz)	SRV/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR (dB)	Power Spectral Density (PSDF) (dB/Hz)	SRV/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR (dB)	Power Spectral Density (PSDF) (dB/Hz)																
10	OFDM	1 RB	0	820	20450	23.40	23.50	0	0	5	OFDM	1 RB	12	820	20450	23.22	23.50	0	0	1.4	OFDM	1 RB	2	820	20450	23.22	23.50	0	0	1.4	OFDM	1 RB	2	820	20450	23.22	23.50	0	0																
				844	20550	23.50	23.50	0	0					844	20550	23.50	23.50	0	0					844	20550	23.50	23.50	0	0					844	20550	23.50	23.50	0	0																
				820	20450	23.50	23.50	0	0					820	20450	23.50	23.50	0	0					820	20450	23.50	23.50	0	0					820	20450	23.50	23.50	0	0	820	20450	23.50	23.50	0	0										
				844	20550	23.50	23.50	0	0					844	20550	23.50	23.50	0	0					844	20550	23.50	23.50	0	0					844	20550	23.50	23.50	0	0	844	20550	23.50	23.50	0	0										
		25 RB	0	820	20450	23.50	23.50	0.1	0.1			12 RB	6	13	0	820	20450	23.22	23.50			0.1	0.1	15 RB	7	0	820	20450	23.22			23.50	0.1	0.1	15 RB	3	0	820	20450	23.22	23.50	0.1	0.1	15 RB	3	0	820	20450	23.22	23.50	0.1	0.1			
				844	20550	23.50	23.50	0.1	0.1							844	20550	23.50	23.50			0.1	0.1				844	20550	23.50			23.50	0.1	0.1				844	20550	23.50	23.50	0.1	0.1				844	20550	23.50	23.50	0.1	0.1			
				820	20450	23.50	23.50	0.1	0.1							820	20450	23.50	23.50			0.1	0.1				820	20450	23.50			23.50	0.1	0.1				820	20450	23.50	23.50	0.1	0.1				820	20450	23.50	23.50	0.1	0.1			
				844	20550	23.50	23.50	0.1	0.1							844	20550	23.50	23.50			0.1	0.1				844	20550	23.50			23.50	0.1	0.1				844	20550	23.50	23.50	0.1	0.1				844	20550	23.50	23.50	0.1	0.1			
		50RB	0	820	20450	23.50	23.50	0.4	0.4			24 RB	0	820	20450	23.22	23.50	0.4	0.4			24 RB	0	820	20450	23.22	23.50	0.4	0.4			24 RB	0	820	20450	23.22	23.50	0.4	0.4	24 RB	0	820	20450	23.22	23.50	0.4	0.4	24 RB	0	820	20450	23.22	23.50	0.4	0.4
				844	20550	23.50	23.50	0.4	0.4					844	20550	23.50	23.50	0.4	0.4					844	20550	23.50	23.50	0.4	0.4					844	20550	23.50	23.50	0.4	0.4			844	20550	23.50	23.50	0.4	0.4								
				820	20450	23.50	23.50	0.4	0.4					820	20450	23.50	23.50	0.4	0.4					820	20450	23.50	23.50	0.4	0.4					820	20450	23.50	23.50	0.4	0.4			820	20450	23.50	23.50	0.4	0.4								
				844	20550	23.50	23.50	0.4	0.4					844	20550	23.50	23.50	0.4	0.4					844	20550	23.50	23.50	0.4	0.4					844	20550	23.50	23.50	0.4	0.4			844	20550	23.50	23.50	0.4	0.4								

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### Hotspot\_UAT\_ENDC with WLAN Normal

FDD Band 5										FDD Band 5										FDD Band 5										FDD Band 5																						
SRV/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)	SRV/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)	SRV/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)	SRV/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)													
10	OFDM	1 RB	0	820	24450	22.50	23.50	0	0	1 RB	OFDM	1 RB	0	820	24450	22.50	23.50	0	0	1 RB	OFDM	1 RB	0	820	24450	22.50	23.50	0	0	1 RB	OFDM	1 RB	0	820	24450	22.50	23.50	0	0													
				824	24450	22.50	23.50	0	0					824	24450	22.50	23.50	0	0					824	24450	22.50	23.50	0	0					824	24450	22.50	23.50	0	0													
				828	24450	22.50	23.50	0	0					828	24450	22.50	23.50	0	0					828	24450	22.50	23.50	0	0					828	24450	22.50	23.50	0	0	828	24450	22.50	23.50	0	0							
				832	24450	22.50	23.50	0	0					832	24450	22.50	23.50	0	0					832	24450	22.50	23.50	0	0					832	24450	22.50	23.50	0	0	832	24450	22.50	23.50	0	0							
		25 RB	0	820	24450	22.50	23.50	0	0			0	1 RB	OFDM	1 RB	0	820	24450	22.50			23.50	0	0	1 RB	OFDM	1 RB	0	820			24450	22.50	23.50	0	0	1 RB	OFDM	1 RB	0	820	24450	22.50	23.50	0	0						
				824	24450	22.50	23.50	0	0			824					24450	22.50	23.50			0	0	824					24450			22.50	23.50	0	0	824					24450	22.50	23.50	0	0							
				828	24450	22.50	23.50	0	0			828					24450	22.50	23.50			0	0	828					24450			22.50	23.50	0	0	828					24450	22.50	23.50	0	0							
				832	24450	22.50	23.50	0	0			832					24450	22.50	23.50			0	0	832					24450			22.50	23.50	0	0	832					24450	22.50	23.50	0	0							
		49 RB	0	820	24450	22.50	23.50	0	0			0			1 RB	OFDM	1 RB	0	820			24450	22.50	23.50			0	0	1 RB			OFDM	1 RB	0	820	24450			22.50	23.50	0	0	1 RB	OFDM	1 RB	0	820	24450	22.50	23.50	0	0
				824	24450	22.50	23.50	0	0			824							24450			22.50	23.50	0			0	824							24450	22.50			23.50	0	0	824					24450	22.50	23.50	0	0	
				828	24450	22.50	23.50	0	0			828							24450			22.50	23.50	0			0	828							24450	22.50			23.50	0	0	828					24450	22.50	23.50	0	0	
				832	24450	22.50	23.50	0	0			832							24450			22.50	23.50	0			0	832							24450	22.50			23.50	0	0	832					24450	22.50	23.50	0	0	
12 RB	0	820	24450	22.50	23.50	0	0	0	1 RB	OFDM	1 RB	0					820	24450	22.50	23.50	0	0	1 RB	OFDM			1 RB	0		820	24450		22.50	23.50	0	0			1 RB	OFDM	1 RB	0			820	24450	22.50	23.50	0	0		
		824	24450	22.50	23.50	0	0	824									24450	22.50	23.50	0	0	824								24450	22.50		23.50	0	0	824									24450	22.50	23.50	0	0			
		828	24450	22.50	23.50	0	0	828									24450	22.50	23.50	0	0	828								24450	22.50		23.50	0	0	828									24450	22.50	23.50	0	0			
		832	24450	22.50	23.50	0	0	832									24450	22.50	23.50	0	0	832								24450	22.50		23.50	0	0	832									24450	22.50	23.50	0	0			
25 RB	0	820	24450	22.50	23.50	0	0	0			1 RB	OFDM	1 RB	0			820	24450	22.50	23.50	0	0			1 RB	OFDM	1 RB	0		820	24450		22.50	23.50	0	0	1 RB	OFDM			1 RB	0			820	24450	22.50	23.50	0	0		
		824	24450	22.50	23.50	0	0	824									24450	22.50	23.50	0	0	824								24450	22.50		23.50	0	0	824									24450	22.50	23.50	0	0			
		828	24450	22.50	23.50	0	0	828									24450	22.50	23.50	0	0	828								24450	22.50		23.50	0	0	828									24450	22.50	23.50	0	0			
		832	24450	22.50	23.50	0	0	832									24450	22.50	23.50	0	0	832								24450	22.50		23.50	0	0	832									24450	22.50	23.50	0	0			
50RB	0	820	24450	22.50	23.50	0	0	0					1 RB	OFDM	1 RB	0	820	24450	22.50	23.50	0	0					1 RB	OFDM	1 RB	0	820	24450	22.50	23.50	0	0					1 RB	OFDM	1 RB	0	820	24450	22.50	23.50	0	0		
		824	24450	22.50	23.50	0	0	824									24450	22.50	23.50	0	0	824									24450	22.50	23.50	0	0	824									24450	22.50	23.50	0	0			
		828	24450	22.50	23.50	0	0	828									24450	22.50	23.50	0	0	828									24450	22.50	23.50	0	0	828									24450	22.50	23.50	0	0			
		832	24450	22.50	23.50	0	0	832									24450	22.50	23.50	0	0	832									24450	22.50	23.50	0	0	832									24450	22.50	23.50	0	0			

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### Head\_UAT\_ENDC without WLAN & Hotspot\_UAT\_ENDC with Camera&Gaming

FDD Band 5							FDD Band 5							FDD Band 5							FDD Band 5																							
SRV/RF	Modulation	RB Size	RB Chn	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	SRV/RF	Modulation	RB Size	RB Chn	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	SRV/RF	Modulation	RB Size	RB Chn	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	SRV/RF	Modulation	RB Size	RB Chn	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)									
OPSK	15-QAM	15 RB	0	B20	20450	21.47	21.50	0	15 RB	15-QAM	15 RB	0	B20	20450	21.49	21.50	0	15 RB	15-QAM	15 RB	0	B20	20450	21.49	21.50	0	15 RB	15-QAM	15 RB	0	B20	20450	21.49	21.50	0	15 RB	15-QAM	15 RB	0	B20	20450	21.49	21.50	0

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### Hotspot\_LAT\_ENDC with WLAN Calling & Gaming

FDD Band 5										FDD Band 5										FDD Band 5																															
BSW/RF	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)	BSW/RF	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)	BSW/RF	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)																						
OPSK	QPSK	1 RB	0	B20	20450	20.50	21.00	0	0	1 RB	12	0	B20	20450	20.50	21.00	0	0	1 RB	2	0	B20	20450	20.50	21.00	0	0	1 RB	0	B20	20450	20.50	21.00	0	0																
				B21	20450	20.50	21.00	0	0				B21	20450	20.50	21.00	0	0				B21	20450	20.50	21.00	0	0			B21	20450	20.50	21.00	0	0																
				B22	20450	20.50	21.00	0	0				B22	20450	20.50	21.00	0	0				B22	20450	20.50	21.00	0	0			B22	20450	20.50	21.00	0	0	B22	20450	20.50	21.00	0	0										
				B23	20450	20.50	21.00	0	0				B23	20450	20.50	21.00	0	0				B23	20450	20.50	21.00	0	0			B23	20450	20.50	21.00	0	0	B23	20450	20.50	21.00	0	0										
				B24	20450	20.50	21.00	0	0				B24	20450	20.50	21.00	0	0				B24	20450	20.50	21.00	0	0			B24	20450	20.50	21.00	0	0	B24	20450	20.50	21.00	0	0										
				B25	20450	20.50	21.00	0	0				B25	20450	20.50	21.00	0	0				B25	20450	20.50	21.00	0	0			B25	20450	20.50	21.00	0	0	B25	20450	20.50	21.00	0	0										
		25 RB	12	0	B26	20450	19.80	20.30	0.1	0.1	24	0	B26	20450	19.80	20.30	0.1	0.1	14	0	B26	20450	19.80	20.30	0.1	0.1	5	0	B26	20450	19.80	20.30	0.1	0.1	3	2	0	B26	20450	19.80	20.30	0.1	0.1	6	0	B26	20450	19.80	20.30	0.1	0.1
					B27	20450	19.80	20.30	0.1	0.1			B27	20450	19.80	20.30	0.1	0.1			B27	20450	19.80	20.30	0.1	0.1			B27	20450	19.80	20.30	0.1	0.1				B27	20450	19.80	20.30	0.1	0.1								
					B28	20450	19.80	20.30	0.1	0.1			B28	20450	19.80	20.30	0.1	0.1			B28	20450	19.80	20.30	0.1	0.1			B28	20450	19.80	20.30	0.1	0.1				B28	20450	19.80	20.30	0.1	0.1								
					B29	20450	19.80	20.30	0.1	0.1			B29	20450	19.80	20.30	0.1	0.1			B29	20450	19.80	20.30	0.1	0.1			B29	20450	19.80	20.30	0.1	0.1				B29	20450	19.80	20.30	0.1	0.1								
					B30	20450	19.80	20.30	0.1	0.1			B30	20450	19.80	20.30	0.1	0.1			B30	20450	19.80	20.30	0.1	0.1			B30	20450	19.80	20.30	0.1	0.1				B30	20450	19.80	20.30	0.1	0.1								
					B31	20450	19.80	20.30	0.1	0.1			B31	20450	19.80	20.30	0.1	0.1			B31	20450	19.80	20.30	0.1	0.1			B31	20450	19.80	20.30	0.1	0.1				B31	20450	19.80	20.30	0.1	0.1								

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### Hotspot\_LAT\_ENDC with WLAN Camera

FDD Band 5										FDD Band 5										FDD Band 5										FDD Band 5									
SRM/RF	Module	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)	SRM/RF	Module	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)	SRM/RF	Module	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MFR (dBm)	MFR (dBm)										
OPSK	1 RB	0	0	B20	20450	18.41	18.50	0	0	1 RB	12	0	0	B20	20450	18.20	18.50	0	0	1 RB	2	0	0	0	0	0	0	0	0	0	0	0							

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### LTE FDD Band 12 - conducted power table: WWAN UAT hotspot calling mode reduced power

FDD Band 12							FDD Band 12							FDD Band 12							FDD Band 12																																						
SRM/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE Allowed per SRM/Mod	SRM/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE Allowed per SRM/Mod	SRM/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE Allowed per SRM/Mod	SRM/Mod	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE Allowed per SRM/Mod																								
OPPC	0	25	0	704	23050	20.25	21.00	0	OPPC	12RB	0	0	704	23050	20.25	21.00	0	OPPC	15RB	0	0	704	23050	20.25	21.00	0	OPPC	15RB	0	0	704	23050	20.25	21.00	0	OPPC	15RB	0	0	704	23050	20.25	21.00	0															
				707	23050	20.25	21.00	0					707	23050	20.25	21.00	0					707	23050	20.25	21.00	0					707	23050	20.25	21.00	0					707	23050	20.25	21.00	0	707	23050	20.25	21.00	0										
				711	23130	20.25	21.00	0					711	23130	20.25	21.00	0					711	23130	20.25	21.00	0					711	23130	20.25	21.00	0					711	23130	20.25	21.00	0	711	23130	20.25	21.00	0	711	23130	20.25	21.00	0					
				704	23050	20.25	21.00	0					704	23050	20.25	21.00	0					704	23050	20.25	21.00	0					704	23050	20.25	21.00	0					704	23050	20.25	21.00	0	704	23050	20.25	21.00	0	704	23050	20.25	21.00	0					
				707	23050	20.25	21.00	0					707	23050	20.25	21.00	0					707	23050	20.25	21.00	0					707	23050	20.25	21.00	0					707	23050	20.25	21.00	0	707	23050	20.25	21.00	0	707	23050	20.25	21.00	0	707	23050	20.25	21.00	0
				711	23130	20.25	21.00	0					711	23130	20.25	21.00	0					711	23130	20.25	21.00	0					711	23130	20.25	21.00	0					711	23130	20.25	21.00	0	711	23130	20.25	21.00	0	711	23130	20.25	21.00	0	711	23130	20.25	21.00	0
				704	23050	20.25	21.00	0.1					704	23050	20.25	21.00	0.1					704	23050	20.25	21.00	0.1					704	23050	20.25	21.00	0.1					704	23050	20.25	21.00	0.1	704	23050	20.25	21.00	0.1	704	23050	20.25	21.00	0.1	704	23050	20.25	21.00	0.1
				707	23050	19.85	20.50	0.1					707	23050	19.85	20.50	0.1					707	23050	19.85	20.50	0.1					707	23050	19.85	20.50	0.1					707	23050	19.85	20.50	0.1	707	23050	19.85	20.50	0.1	707	23050	19.85	20.50	0.1	707	23050	19.85	20.50	0.1
				711	23130	19.85	20.50	0.1					711	23130	19.85	20.50	0.1					711	23130	19.85	20.50	0.1					711	23130	19.85	20.50	0.1					711	23130	19.85	20.50	0.1	711	23130	19.85	20.50	0.1	711	23130	19.85	20.50	0.1	711	23130	19.85	20.50	0.1
				704	23050	19.45	20.10	0.1					704	23050	19.45	20.10	0.1					704	23050	19.45	20.10	0.1					704	23050	19.45	20.10	0.1					704	23050	19.45	20.10	0.1	704	23050	19.45	20.10	0.1	704	23050	19.45	20.10	0.1	704	23050	19.45	20.10	0.1
				707	23050	19.05	19.70	0.1					707	23050	19.05	19.70	0.1					707	23050	19.05	19.70	0.1					707	23050	19.05	19.70	0.1					707	23050	19.05	19.70	0.1	707	23050	19.05	19.70	0.1	707	23050	19.05	19.70	0.1	707	23050	19.05	19.70	0.1
				711	23130	19.05	19.70	0.1					711	23130	19.05	19.70	0.1					711	23130	19.05	19.70	0.1					711	23130	19.05	19.70	0.1					711	23130	19.05	19.70	0.1	711	23130	19.05	19.70	0.1	711	23130	19.05	19.70	0.1	711	23130	19.05	19.70	0.1

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Uplink CA Inter-band power

FDD Band 12										FDD Band 12										FDD Band 12																			
SRV/Mod	Modulation	RB Size	SR Ch	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR (dB)	MPR Allowed per 3GPP/ETSI	SRV/Mod	Modulation	RB Size	SR Ch	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR (dB)	MPR Allowed per 3GPP/ETSI	SRV/Mod	Modulation	RB Size	SR Ch	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR (dB)	MPR Allowed per 3GPP/ETSI										
10	OFDM	15 RB	0	704	2360	21.30	21.30	0		15 RB	OFDM	15 RB	0	704	2360	21.19	21.30	0		15 RB	OFDM	15 RB	0	704	2360	21.26	21.30	0		15 RB	OFDM	15 RB	0	704	2360	21.26	21.30	0	
				711	2370	21.46	21.30	0						711	2370	21.24	21.30	0						711	2370	21.35	21.30	0											
				704	2360	21.27	21.30	0						704	2360	21.24	21.30	0						704	2360	21.31	21.30	0											
				707	2360	21.19	21.30	0						707	2360	21.40	21.30	0						707	2360	21.34	21.30	0											
				711	2370	21.29	21.30	0						711	2370	21.39	21.30	0						711	2370	21.25	21.30	0											
				704	2360	21.26	21.30	0						704	2360	21.36	21.30	0						704	2360	21.14	21.30	0											
				707	2360	21.19	21.30	0						707	2360	21.29	21.30	0						707	2360	21.39	21.30	0											
				711	2370	21.29	21.30	0						711	2370	21.22	21.30	0						711	2370	21.34	21.30	0											
				704	2360	20.29	20.30	0.1						704	2360	20.24	20.30	0.1						704	2360	20.24	20.30	0.1											
				707	2360	20.37	20.30	0.1						707	2360	20.24	20.30	0.1						707	2360	20.33	20.30	0.1											
				711	2370	20.29	20.30	0.1						711	2370	20.27	20.30	0.1						711	2370	20.31	20.30	0.1											
				704	2360	20.24	20.30	0.1						704	2360	20.24	20.30	0.1						704	2360	20.24	20.30	0.1											
707	2360	20.47	20.30	0.1		707	2360	20.39	20.30	0.1		707	2360	20.30	20.30	0.1																							
711	2370	20.29	20.30	0.1		711	2370	20.28	20.30	0.1		711	2370	20.19	20.30	0.1																							
10	OFDM	15 RB	0	707	2360	20.29	20.30	0.1		15 RB	OFDM	15 RB	0	707	2360	20.18	20.30	0.1		15 RB	OFDM	15 RB	0	707	2360	20.26	20.30	0.1											
				711	2370	20.31	20.30	0.1						711	2370	20.27	20.30	0.1						711	2370	20.29	20.30	0.1											
				704	2360	20.28	20.30	0.1						704	2360	20.31	20.30	0.1						704	2360	20.27	20.30	0.1											
				707	2360	20.30	20.30	0.1						707	2360	20.24	20.30	0.1						707	2360	20.34	20.30	0.1											
				711	2370	20.27	20.30	0.1						711	2370	20.29	20.30	0.1						711	2370	20.26	20.30	0.1											
				704	2360	20.25	20.30	0.1						704	2360	20.32	20.30	0.1						704	2360	20.24	20.30	0.1											
				707	2360	20.31	20.30	0.1						707	2360	20.29	20.30	0.1						707	2360	20.35	20.30	0.1											
				711	2370	20.15	20.30	0.1						711	2370	20.26	20.30	0.1						711	2370	20.24	20.30	0.1											
				704	2360	20.24	20.30	0.1						704	2360	20.24	20.30	0.1						704	2360	20.24	20.30	0.1											
				707	2360	20.47	20.30	0.1						707	2360	20.39	20.30	0.1						707	2360	20.30	20.30	0.1											
				711	2370	20.29	20.30	0.1						711	2370	20.28	20.30	0.1						711	2370	20.19	20.30	0.1											
				10	OFDM	15 RB	0	704	2360					19.29	19.30	0.2		15 RB	OFDM					15 RB	0	704	2360	19.20	19.30	0.2		15 RB	OFDM	15 RB	0	704	2360	19.28	19.30
707	2360	19.31	19.30					0.2		707	2360	19.21	19.30	0.2		707	2360			19.29	19.30	0.2																	
711	2370	19.27	19.30					0.2		711	2370	19.24	19.30	0.2		711	2370			19.25	19.30	0.2																	
704	2360	19.24	19.30					0.2		704	2360	19.24	19.30	0.2		704	2360			19.24	19.30	0.2																	
707	2360	19.37	19.30					0.2		707	2360	19.24	19.30	0.2		707	2360			19.30	19.30	0.2																	
711	2370	19.29	19.30					0.2		711	2370	19.28	19.30	0.2		711	2370			19.25	19.30	0.2																	
704	2360	19.24	19.30					0.2		704	2360	19.24	19.30	0.2		704	2360			19.24	19.30	0.2																	
707	2360	19.31	19.30					0.2		707	2360	19.24	19.30	0.2		707	2360			19.24	19.30	0.2																	
711	2370	19.29	19.30					0.2		711	2370	19.28	19.30	0.2		711	2370			19.16	19.30	0.2																	
704	2360	19.24	19.30					0.2		704	2360	19.24	19.30	0.2		704	2360			19.24	19.30	0.2																	
707	2360	19.47	19.30					0.2		707	2360	19.29	19.30	0.2		707	2360			19.24	19.30	0.2																	
711	2370	19.29	19.30					0.2		711	2370	19.28	19.30	0.2		711	2370			19.18	19.30	0.2																	
10	OFDM	15 RB	0	707	2360	19.29	19.30	0.2		15 RB	OFDM	15 RB	0	707	2360	19.20	19.30	0.2		15 RB	OFDM	15 RB	0	707	2360	19.28	19.30	0.2											
				711	2370	19.31	19.30	0.2						711	2370	19.21	19.30	0.2						711	2370	19.29	19.30	0.2											
				704	2360	19.28	19.30	0.2						704	2360	19.31	19.30	0.2						704	2360	19.27	19.30	0.2											
				707	2360	19.30	19.30	0.2						707	2360	19.24	19.30	0.2						707	2360	19.34	19.30	0.2											
				711	2370	19.27	19.30	0.2						711	2370	19.29	19.30	0.2						711	2370	19.26	19.30	0.2											
				704	2360	19.25	19.30	0.2						704	2360	19.32	19.30	0.2						704	2360	19.24	19.30	0.2											
				707	2360	19.31	19.30	0.2						707	2360	19.29	19.30	0.2						707	2360	19.35	19.30	0.2											
				711	2370	19.29	19.30	0.2						711	2370	19.28	19.30	0.2						711	2370	19.16	19.30	0.2											
				704	2360	19.24	19.30	0.2						704	2360	19.24	19.30	0.2						704	2360	19.24	19.30	0.2											
				707	2360	19.47	19.30	0.2						707	2360	19.29	19.30	0.2						707	2360	19.24	19.30	0.2											
				711	2370	19.29	19.30	0.2						711	2370	19.28	19.30	0.2						711	2370	19.18	19.30	0.2											
				10	OFDM	15 RB	0	704	2360					18.29	18.30	0.3		15 RB	OFDM					15 RB	0	704	2360	18.20	18.30	0.3		15 RB	OFDM	15 RB	0	704	2360	18.28	18.30
707	2360	18.31	18.30					0.3		707	2360	18.21	18.30	0.3		707	2360			18.29	18.30	0.3																	
711	2370	18.27	18.30					0.3		711	2370	18.24	18.30	0.3		711	2370			18.25	18.30	0.3																	
704	2360	18.24	18.30					0.3		704	2360	18.24	18.30	0.3		704	2360			18.24	18.30	0.3																	
707	2360	18.37	18.30					0.3		707	2360	18.24	18.30	0.3		707	2360			18.30	18.30	0.3																	
711	2370	18.29	18.30					0.3		711	2370	18.28	18.30	0.3		711	2370			18.25	18.30	0.3																	
704	2360	18.24	18.30					0.3		704	2360	18.24	18.30	0.3		704	2360			18.24	18.30	0.3																	
707	2360	18.31	18.30					0.3		707	2360	18.24	18.30	0.3		707	2360			18.24	18.30	0.3																	
711	2370	18.29	18.30					0.3		711	2370	18.28	18.30	0.3		711	2370			18.16	18.30	0.3																	
704	2360	18.24	18.30					0.3		704	2360	18.24	18.30	0.3		704	2360			18.24	18.30	0.3																	
707	2360	18.47	18.30					0.3		707	2360	18.29	18.30	0.3		707	2360			18.24	18.30	0.3																	
711	2370	18.29	18.30					0.3		711	2370	18.28	18.30	0.3		711	2370			18.18	18.30	0.3																	
10	OFDM	15 RB	0	707	2360	18.29	18.30	0.3		15 RB	OFDM	15 RB	0	707	2360	18.20	18.30	0.3		15 RB	OFDM	15 RB	0	707	2360	18.28	18.30	0.3											
				711	2370	18.31	18.30	0.3						711	2370	18.21	18.30	0.3						711	2370	18.29	18.30	0.3											
				704	2360	18.28	18.30	0.3						704	2360	18.31	18.30	0.3						704	2360	18.27	18.30	0.3											
				707	2360	18.30	18.30	0.																															



**LTE FDD Band 13 - conducted power table:  
Head UAT**

FDD Band 13							FDD Band 13																							
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)													
10	QPSK	1 RB	0	782	23230	23.10	24.00	0	QPSK	1 RB	0	779.5	23205	22.98	24.00	0	5	QPSK	1 RB	0	779.5	23205	22.98	24.00	0					
			25	782	23230	23.05	24.00	0				782	23230	22.98	24.00	0					782	23230	22.98	24.00	0					
			49	782	23230	23.40	24.00	0				784.5	23255	23.26	24.00	0					784.5	23255	23.26	24.00	0					
		25 RB	0	782	23230	22.20	23.00	-0.1			779.5	23205	22.84	24.00	0	779.5				23205	22.84	24.00	0	779.5	23205	22.84	24.00	0		
			12	782	23230	22.27	23.00	-0.1			782	23230	22.85	24.00	0	782				23230	22.85	24.00	0	782	23230	22.85	24.00	0		
			25	782	23230	22.19	23.00	-0.1			784.5	23255	23.25	24.00	0	784.5				23255	23.25	24.00	0	784.5	23255	23.25	24.00	0		
		50RB			782	23230	22.16	23.00			-0.1	779.5	23205	22.77	24.00	0				779.5	23205	22.77	24.00	0	779.5	23205	22.77	24.00	0	
		16-QAM	1 RB	0	782	23230	22.54	23.00			-0.1	782	23230	22.82	24.00	0				782	23230	22.82	24.00	0	782	23230	22.82	24.00	0	
				25	782	23230	22.80	23.00			-0.1	784.5	23255	23.07	24.00	0				784.5	23255	23.07	24.00	0	784.5	23255	23.07	24.00	0	
				49	782	23230	22.45	23.00			-0.1	779.5	23205	22.37	23.00	-0.1				779.5	23205	22.37	23.00	-0.1	779.5	23205	22.37	23.00	-0.1	
			25 RB	0	782	23230	21.23	22.00			-0.2	782	23230	22.35	23.00	-0.1				782	23230	22.35	23.00	-0.1	782	23230	22.35	23.00	-0.1	
				12	782	23230	21.20	22.00			-0.2	784.5	23255	22.47	23.00	-0.1				784.5	23255	22.47	23.00	-0.1	784.5	23255	22.47	23.00	-0.1	
				25	782	23230	21.33	22.00			-0.2	779.5	23205	22.35	23.00	-0.1				779.5	23205	22.35	23.00	-0.1	779.5	23205	22.35	23.00	-0.1	
			50RB			782	23230	21.24			22.00	-0.2	782	23230	22.32	23.00				-0.1	782	23230	22.32	23.00	-0.1	782	23230	22.32	23.00	-0.1
			64-QAM	1 RB	0	782	23230	21.31			22.00	-0.2	784.5	23255	22.31	23.00				-0.1	784.5	23255	22.31	23.00	-0.1	784.5	23255	22.31	23.00	-0.1
	25				782	23230	21.30	22.00	-0.2	779.5	23205	22.45	23.00	-0.1	779.5	23205	22.45	23.00	-0.1	779.5	23205	22.45	23.00	-0.1						
	49				782	23230	21.37	22.00	-0.2	782	23230	22.42	23.00	-0.1	782	23230	22.42	23.00	-0.1	782	23230	22.42	23.00	-0.1						
	25 RB			0	782	23230	20.34	21.00	-0.3	784.5	23255	22.45	23.00	-0.1	784.5	23255	22.45	23.00	-0.1	784.5	23255	22.45	23.00	-0.1						
				12	782	23230	20.39	21.00	-0.3	779.5	23205	22.32	23.00	-0.1	779.5	23205	22.32	23.00	-0.1	779.5	23205	22.32	23.00	-0.1						
				25	782	23230	20.25	21.00	-0.3	782	23230	22.49	23.00	-0.1	782	23230	22.49	23.00	-0.1	782	23230	22.49	23.00	-0.1						
	50RB			782	23230	20.31	21.00	-0.3	784.5	23255	22.42	23.00	-0.1	784.5	23255	22.42	23.00	-0.1	784.5	23255	22.42	23.00	-0.1							
	256-QAM			1 RB	0	782	23230	18.31	19.00	-0.5	779.5	23205	22.33	23.00	-0.1	779.5	23205	22.33	23.00	-0.1	779.5	23205	22.33	23.00	-0.1					
		25			782	23230	18.26	19.00	-0.5	782	23230	22.36	23.00	-0.1	782	23230	22.36	23.00	-0.1	782	23230	22.36	23.00	-0.1						
		49			782	23230	18.28	19.00	-0.5	784.5	23255	22.44	23.00	-0.1	784.5	23255	22.44	23.00	-0.1	784.5	23255	22.44	23.00	-0.1						
		25 RB		0	782	23230	18.33	19.00	-0.5	779.5	23205	22.31	23.00	-0.1	779.5	23205	22.31	23.00	-0.1	779.5	23205	22.31	23.00	-0.1						
				12	782	23230	18.33	19.00	-0.5	782	23230	22.43	23.00	-0.1	782	23230	22.43	23.00	-0.1	782	23230	22.43	23.00	-0.1						
				25	782	23230	18.25	19.00	-0.5	784.5	23255	22.41	23.00	-0.1	784.5	23255	22.41	23.00	-0.1	784.5	23255	22.41	23.00	-0.1						
		50RB			782	23230	18.21	19.00	-0.5	779.5	23205	22.34	23.00	-0.1	779.5	23205	22.34	23.00	-0.1	779.5	23205	22.34	23.00	-0.1						
		5		QPSK	1 RB	0	782	23230	21.31	22.00	-0.2	779.5	23205	21.33	22.00	-0.2	779.5	23205	21.33	22.00	-0.2	779.5	23205	21.33	22.00	-0.2				
			25			782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2					
			49			782	23230	21.37	22.00	-0.2	784.5	23255	21.20	22.00	-0.2	784.5	23255	21.20	22.00	-0.2	784.5	23255	21.20	22.00	-0.2					
			25 RB		0	782	23230	20.34	21.00	-0.3	779.5	23205	21.26	22.00	-0.2	779.5	23205	21.26	22.00	-0.2	779.5	23205	21.26	22.00	-0.2					
					12	782	23230	20.39	21.00	-0.3	782	23230	21.29	22.00	-0.2	782	23230	21.29	22.00	-0.2	782	23230	21.29	22.00	-0.2					
					25	782	23230	20.25	21.00	-0.3	784.5	23255	21.23	22.00	-0.2	784.5	23255	21.23	22.00	-0.2	784.5	23255	21.23	22.00	-0.2					
			50RB			782	23230	20.31	21.00	-0.3	779.5	23205	21.20	22.00	-0.2	779.5	23205	21.20	22.00	-0.2	779.5	23205	21.20	22.00	-0.2					
			16-QAM		1 RB	0	782	23230	21.31	22.00	-0.2	784.5	23255	21.33	22.00	-0.2	784.5	23255	21.33	22.00	-0.2	784.5	23255	21.33	22.00	-0.2				
	25					782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2					
	49					782	23230	21.37	22.00	-0.2	784.5	23255	21.20	22.00	-0.2	784.5	23255	21.20	22.00	-0.2	784.5	23255	21.20	22.00	-0.2					
	25 RB				0	782	23230	20.34	21.00	-0.3	779.5	23205	21.26	22.00	-0.2	779.5	23205	21.26	22.00	-0.2	779.5	23205	21.26	22.00	-0.2					
					12	782	23230	20.39	21.00	-0.3	782	23230	21.29	22.00	-0.2	782	23230	21.29	22.00	-0.2	782	23230	21.29	22.00	-0.2					
					25	782	23230	20.25	21.00	-0.3	784.5	23255	21.23	22.00	-0.2	784.5	23255	21.23	22.00	-0.2	784.5	23255	21.23	22.00	-0.2					
	50RB				782	23230	20.31	21.00	-0.3	779.5	23205	21.20	22.00	-0.2	779.5	23205	21.20	22.00	-0.2	779.5	23205	21.20	22.00	-0.2						
	64-QAM				1 RB	0	782	23230	21.31	22.00	-0.2	784.5	23255	21.33	22.00	-0.2	784.5	23255	21.33	22.00	-0.2	784.5	23255	21.33	22.00	-0.2				
				25		782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2	782	23230	21.27	22.00	-0.2					
				49		782	23230	21.37	22.00	-0.2	784.5	23255	21.20	22.00	-0.2	784.5	23255	21.20	22.00	-0.2	784.5	23255	21.20	22.00	-0.2					
				25 RB	0	782	23230	20.34	21.00	-0.3	779.5	23205	21.26	22.00	-0.2	779.5	23205	21.26	22.00	-0.2	779.5	23205	21.26	22.00	-0.2					
					12	782	23230	20.39	21.00	-0.3	782	23230	21.29	22.00	-0.2	782	23230	21.29	22.00	-0.2	782	23230	21.29	22.00	-0.2					
					25	782	23230	20.25	21.00	-0.3	784.5	23255	21.23	22.00	-0.2	784.5	23255	21.23	22.00	-0.2	784.5	23255	21.23	22.00	-0.2					
50RB				782	23230	20.31	21.00	-0.3	779.5	23205	21.20	22.00	-0.2	779.5	23205	21.20	22.00	-0.2	779.5	23205	21.20	22.00	-0.2							
256-QAM				1 RB	0	782	23230	18.31	19.00	-0.5	784.5	23255	21.36	22.00	-0.2	784.5	23255	21.36	22.00	-0.2	784.5	23255	21.36	22.00	-0.2					
			25		782	23230	18.33	19.00	-0.5	782	23230	21.47	22.00	-0.2	782	23230	21.47	22.00	-0.2	782	23230	21.47	22.00	-0.2						
			49		782	23230	18.33	19.00	-0.5	784.5	23255	21.40	22.00	-0.2	784.5	23255	21.40	22.00	-0.2	784.5	23255	21.40	22.00	-0.2						
			25 RB	0	782	23230	18.33	19.00	-0.5	779.5	23205	21.39	22.00	-0.2	779.5	23205														

### WWAN UAT hotspot calling mode reduced power

FDD Band 13								FDD Band 13									
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	782	23230	20.29	20.50	0	5	QPSK	1 RB	0	779.5	23205	20.02	20.50	0
			25	782	23230	20.32	20.50	0					782	23230	19.75	20.50	0
			49	782	23230	20.47	20.50	0					784.5	23255	19.73	20.50	0
		25 RB	0	782	23230	19.31	19.50	-0.1				779.5	23205	19.76	20.50	0	
			12	782	23230	19.47	19.50	-0.1				782	23230	20.05	20.50	0	
			25	782	23230	19.27	19.50	-0.1				784.5	23255	19.89	20.50	0	
		50RB	782	23230	19.36	19.50	-0.1	779.5				23205	19.78	20.50	0		
			0	782	23230	18.95	19.50	-0.1				782	23230	19.52	20.50	0	
			25	782	23230	19.22	19.50	-0.1				784.5	23255	19.52	20.50	0	
		16-QAM	1 RB	49	782	23230	18.91	19.50				-0.1	779.5	23205	19.27	19.50	-0.1
				0	782	23230	17.84	18.50				-0.2	782	23230	19.29	19.50	-0.1
				12	782	23230	17.63	18.50				-0.2	784.5	23255	19.30	19.50	-0.1
			25 RB	25	782	23230	17.52	18.50				-0.2	779.5	23205	18.67	19.50	-0.1
				0	782	23230	18.41	18.50				-0.2	782	23230	18.54	19.50	-0.1
				12	782	23230	17.92	18.50				-0.2	784.5	23255	18.74	19.50	-0.1
	64-QAM	1 RB	0	782	23230	17.61	18.50	-0.2	779.5	23205	18.59	19.50	-0.1				
			25	782	23230	17.58	18.50	-0.2	782	23230	18.84	19.50	-0.1				
			49	782	23230	17.58	18.50	-0.2	779.5	23205	19.13	19.50	-0.1				
			0	782	23230	17.18	17.50	-0.3	782	23230	19.38	19.50	-0.1				
			12	782	23230	16.92	17.50	-0.3	784.5	23255	19.38	19.50	-0.1				
			25	782	23230	17.09	17.50	-0.3	779.5	23205	19.38	19.50	-0.1				
		25 RB	50RB	782	23230	16.75	17.50	-0.3	782	23230	18.99	19.50	-0.1				
			0	782	23230	14.63	15.50	-0.5	784.5	23255	18.49	19.50	-0.1				
			25	782	23230	14.64	15.50	-0.5	779.5	23205	19.20	19.50	-0.1				
			49	782	23230	15.00	15.50	-0.5	782	23230	18.64	19.50	-0.1				
			0	782	23230	14.56	15.50	-0.5	784.5	23255	19.26	19.50	-0.1				
			12	782	23230	15.11	15.50	-0.5	779.5	23205	18.69	19.50	-0.1				
	256-QAM	1 RB	25	782	23230	15.45	15.50	-0.5	782	23230	19.00	19.50	-0.1				
			0	782	23230	15.11	15.50	-0.5	784.5	23255	19.10	19.50	-0.1				
			12	782	23230	15.45	15.50	-0.5	779.5	23205	19.45	19.50	-0.1				
		25 RB	25	782	23230	15.15	15.50	-0.5	782	23230	18.93	19.50	-0.1				
			0	782	23230	14.63	15.50	-0.5	784.5	23255	19.23	19.50	-0.1				
			12	782	23230	15.11	15.50	-0.5	779.5	23205	18.00	18.50	-0.2				
	16-QAM	1 RB	0	782	23230	17.82	18.50	-0.2	779.5	23205	17.64	18.50	-0.2				
				12	782	23230	18.22	18.50	-0.2	782	23230	18.22	18.50	-0.2			
				24	782	23230	17.76	18.50	-0.2	784.5	23255	17.53	18.50	-0.2			
			12 RB	6	782	23230	17.76	18.50	-0.2	779.5	23205	17.76	18.50	-0.2			
				13	782	23230	17.73	18.50	-0.2	782	23230	17.70	18.50	-0.2			
				25RB	779.5	23205	18.09	18.50	-0.2	784.5	23255	18.09	18.50	-0.2			
			64-QAM	1 RB	0	782	23230	18.28	18.50	-0.2	779.5	23205	17.55	18.50	-0.2		
						12	782	23230	18.21	18.50	-0.2	782	23230	18.21	18.50	-0.2	
						24	782	23230	17.75	18.50	-0.2	784.5	23255	18.32	18.50	-0.2	
					12 RB	6	782	23230	17.75	18.50	-0.2	779.5	23205	18.23	18.50	-0.2	
						13	782	23230	17.75	18.50	-0.2	782	23230	17.75	18.50	-0.2	
						25RB	784.5	23255	18.19	18.50	-0.2	779.5	23205	17.87	18.50	-0.2	
		256-QAM		1 RB	0	782	23230	17.98	18.50	-0.2	782	23230	17.98	18.50	-0.2		
						12	782	23230	17.88	18.50	-0.2	784.5	23255	17.88	18.50	-0.2	
						24	782	23230	16.65	17.50	-0.3	779.5	23205	16.65	17.50	-0.3	
12 RB					6	782	23230	16.87	17.50	-0.3	782	23230	16.87	17.50	-0.3		
					13	782	23230	16.77	17.50	-0.3	784.5	23255	16.77	17.50	-0.3		
					25RB	779.5	23205	17.44	17.50	-0.3	782	23230	16.57	17.50	-0.3		
1 RB			0	782	23230	16.57	17.50	-0.3	779.5	23205	17.24	17.50	-0.3				
				12	782	23230	16.48	17.50	-0.3	782	23230	16.48	17.50	-0.3			
				24	782	23230	16.52	17.50	-0.3	784.5	23255	16.52	17.50	-0.3			
			12 RB	6	782	23230	16.58	17.50	-0.3	779.5	23205	16.58	17.50	-0.3			
				13	782	23230	17.09	17.50	-0.3	782	23230	17.09	17.50	-0.3			
				25RB	784.5	23255	16.49	17.50	-0.3	779.5	23205	15.23	15.50	-0.5			
12 RB		6	0	782	23230	14.70	15.50	-0.5	782	23230	14.70	15.50	-0.5				
				12	782	23230	14.74	15.50	-0.5	784.5	23255	14.81	15.50	-0.5			
				24	782	23230	14.62	15.50	-0.5	779.5	23205	14.53	15.50	-0.5			
			13	782	23230	14.74	15.50	-0.5	782	23230	14.74	15.50	-0.5				
				6	782	23230	14.61	15.50	-0.5	784.5	23255	15.45	15.50	-0.5			
				25RB	779.5	23205	15.37	15.50	-0.5	782	23230	14.80	15.50	-0.5			
		12 RB	6	0	782	23230	14.76	15.50	-0.5	782	23230	14.76	15.50	-0.5			
					12	782	23230	15.02	15.50	-0.5	784.5	23255	15.02	15.50	-0.5		
					24	782	23230	15.24	15.50	-0.5	779.5	23205	15.24	15.50	-0.5		
			13	782	23230	14.61	15.50	-0.5	782	23230	14.61	15.50	-0.5				
				6	782	23230	14.55	15.50	-0.5	784.5	23255	15.45	15.50	-0.5			
				25RB	779.5	23205	14.55	15.50	-0.5	782	23230	14.70	15.50	-0.5			
25RB	782	23230	14.65	15.50	-0.5	782	23230	14.65	15.50	-0.5							
			784.5	23255	15.08	15.50	-0.5	779.5	23205	14.85	15.50	-0.5					
			782	23230	14.85	15.50	-0.5	784.5	23255	15.22	15.50	-0.5					

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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**LTE FDD Band 17 - conducted power table:  
WWAN UAT hotspot calling mode reduced power**

FDD Band 17										FDD Band 17										
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		
10	QPSK	1 RB	0	709	23780	20.84	21.00	0		5	QPSK	1 RB	0	706.5	23755	20.79	21.00	0		
				710	23790	20.90	21.00	0	710					23790	20.85	21.00	0			
				711	23800	20.94	21.00	0	713.5					23825	20.81	21.00	0			
			25	709	23780	20.80	21.00	0	706.5				23755	20.79	21.00	0				
				710	23790	20.89	21.00	0	710				23790	20.96	21.00	0				
				711	23800	20.80	21.00	0	713.5				23825	20.96	21.00	0				
		49	709	23780	20.91	21.00	0	706.5	23755			20.95	21.00	0						
			710	23790	20.87	21.00	0	710	23790			20.94	21.00	0						
			711	23800	20.83	21.00	0	713.5	23825			20.80	21.00	0						
		25 RB	0	709	23780	19.95	20.00	-0.1	706.5			23755	19.85	20.00	-0.1					
				710	23790	19.78	20.00	-0.1	710			23790	19.85	20.00	-0.1					
				711	23800	19.82	20.00	-0.1	713.5			23825	19.94	20.00	-0.1					
				709	23780	19.82	20.00	-0.1	706.5			23755	19.91	20.00	-0.1					
				710	23790	19.94	20.00	-0.1	710			23790	19.91	20.00	-0.1					
				711	23800	19.82	20.00	-0.1	713.5			23825	19.89	20.00	-0.1					
			12	709	23780	19.77	20.00	-0.1	706.5			23755	19.80	20.00	-0.1					
				710	23790	19.86	20.00	-0.1	710			23790	19.78	20.00	-0.1					
				711	23800	19.96	20.00	-0.1	713.5			23825	19.95	20.00	-0.1					
				709	23780	19.92	20.00	-0.1	706.5			23755	19.87	20.00	-0.1					
				710	23790	19.78	20.00	-0.1	710			23790	19.87	20.00	-0.1					
				711	23800	19.88	20.00	-0.1	713.5			23825	19.82	20.00	-0.1					
			25	709	23780	19.92	20.00	-0.1	706.5			23755	19.85	20.00	-0.1					
				710	23790	19.78	20.00	-0.1	710			23790	19.87	20.00	-0.1					
				711	23800	19.88	20.00	-0.1	713.5			23825	19.82	20.00	-0.1					
				709	23780	19.95	20.00	-0.1	706.5			23755	19.84	20.00	-0.1					
				710	23790	19.87	20.00	-0.1	710			23790	19.94	20.00	-0.1					
				711	23800	19.78	20.00	-0.1	713.5			23825	19.79	20.00	-0.1					
		50RB	0	709	23780	19.93	20.00	-0.1	706.5			23755	19.81	20.00	-0.1					
				710	23790	19.80	20.00	-0.1	710			23790	19.80	20.00	-0.1					
				711	23800	19.80	20.00	-0.1	713.5			23825	19.79	20.00	-0.1					
	709			23780	19.92	20.00	-0.1	706.5	23755	19.79	20.00	-0.1								
	710			23790	19.87	20.00	-0.1	710	23790	19.96	20.00	-0.1								
	711			23800	19.81	20.00	-0.1	713.5	23825	19.77	20.00	-0.1								
	12		709	23780	18.77	19.00	-0.2	706.5	23755	18.84	19.00	-0.2								
			710	23790	18.78	19.00	-0.2	710	23790	18.92	19.00	-0.2								
			711	23800	18.90	19.00	-0.2	713.5	23825	18.78	19.00	-0.2								
			709	23780	18.92	19.00	-0.2	706.5	23755	18.79	19.00	-0.2								
			710	23790	18.83	19.00	-0.2	710	23790	18.92	19.00	-0.2								
			711	23800	18.79	19.00	-0.2	713.5	23825	18.78	19.00	-0.2								
	25		709	23780	18.79	19.00	-0.2	706.5	23755	18.92	19.00	-0.2								
			710	23790	18.88	19.00	-0.2	710	23790	18.80	19.00	-0.2								
			711	23800	18.92	19.00	-0.2	713.5	23825	18.90	19.00	-0.2								
			709	23780	18.91	19.00	-0.2	706.5	23755	18.77	19.00	-0.2								
			710	23790	18.84	19.00	-0.2	710	23790	18.85	19.00	-0.2								
			711	23800	18.87	19.00	-0.2	713.5	23825	18.88	19.00	-0.2								
	16-QAM	0	709	23780	18.96	19.00	-0.2	706.5	23755	18.80	19.00	-0.2								
			710	23790	18.89	19.00	-0.2	710	23790	18.82	19.00	-0.2								
			711	23800	18.87	19.00	-0.2	713.5	23825	18.86	19.00	-0.2								
			709	23780	18.79	19.00	-0.2	706.5	23755	18.86	19.00	-0.2								
			710	23790	18.84	19.00	-0.2	710	23790	18.80	19.00	-0.2								
			711	23800	18.91	19.00	-0.2	713.5	23825	18.77	19.00	-0.2								
		12	709	23780	18.82	19.00	-0.2	706.5	23755	18.92	19.00	-0.2								
			710	23790	18.96	19.00	-0.2	710	23790	18.94	19.00	-0.2								
			711	23800	18.85	19.00	-0.2	713.5	23825	18.96	19.00	-0.2								
			709	23780	17.96	18.00	-0.3	706.5	23755	17.85	18.00	-0.3								
			710	23790	17.85	18.00	-0.3	710	23790	17.92	18.00	-0.3								
			711	23800	17.84	18.00	-0.3	713.5	23825	17.78	18.00	-0.3								
		25	709	23780	17.89	18.00	-0.3	706.5	23755	17.93	18.00	-0.3								
			710	23790	17.77	18.00	-0.3	710	23790	17.91	18.00	-0.3								
			711	23800	17.95	18.00	-0.3	713.5	23825	17.89	18.00	-0.3								
			709	23780	17.89	18.00	-0.3	706.5	23755	17.81	18.00	-0.3								
			710	23790	17.80	18.00	-0.3	710	23790	17.86	18.00	-0.3								
			711	23800	17.88	18.00	-0.3	713.5	23825	17.95	18.00	-0.3								
	50RB	0	709	23780	17.81	18.00	-0.3	706.5	23755	17.94	18.00	-0.3								
			710	23790	17.85	18.00	-0.3	710	23790	17.89	18.00	-0.3								
			711	23800	17.96	18.00	-0.3	713.5	23825	17.96	18.00	-0.3								
			709	23780	15.94	16.00	0.5	706.5	23755	15.92	16.00	0.5								
			710	23790	15.85	16.00	0.5	710	23790	15.90	16.00	0.5								
			711	23800	15.94	16.00	0.5	713.5	23825	15.85	16.00	0.5								
		12	709	23780	15.95	16.00	0.5	706.5	23755	15.93	16.00	0.5								
			710	23790	15.91	16.00	0.5	710	23790	15.93	16.00	0.5								
			711	23800	15.91	16.00	0.5	713.5	23825	15.89	16.00	0.5								
			709	23780	15.79	16.00	0.5	706.5	23755	15.87	16.00	0.5								
			710	23790	15.90	16.00	0.5	710	23790	15.84	16.00	0.5								
			711	23800	15.87	16.00	0.5	713.5	23825	15.77	16.00	0.5								
		25	709	23780	15.77	16.00	0.5	706.5	23755	15.91	16.00	0.5								
			710	23790	15.78	16.00	0.5	710	23790	15.82	16.00	0.5								
			711	23800	15.89	16.00	0.5	713.5	23825	15.88	16.00	0.5								
			709	23780	15.95	16.00	0.5	706.5	23755	15.80	16.00	0.5								
			710	23790	15.90	16.00	0.5	710	23790	15.96	16.00	0.5								
			711	23800	15.77	16.00	0.5	713.5	23825	15.77	16.00	0.5								
	256-QAM	0	709	23780	15.88	16.00	0.5	706.5	23755	15.96	16.00	0.5								
			710	23790	15.80	16.00	0.5	710	23790	15.82	16.00	0.5								
			711	23800	15.91	16.00	0.5	713.5	23825	15.84	16.00	0.5								
			709	23780	15.81	16.00	0.5	706.5	23755	15.85	16.00	0.5								
			710	23790	15.84	16.00	0.5	710	23790	15.79	16.00	0.5								
			711	23800	15.90	16.00	0.5	713.5	23825	15.80	16.00	0.5								
		12	709	23780	15.88	16.00	0.5	706.5	23755	15.96	16.00	0.5								
			710	23790	15.80	16.00	0.5	710	23790	15.82	16.00	0.5								
			711	23800	15.91	16.00	0.5	713.5	23825	15.84	16.00	0.5								
			709	23780	15.81	16.00	0.5	706.5	23755	15.85	16.00	0.5								
			710	23790	15.84	16.00	0.5	710	23790	15.79	16.00	0.5								
			711	23800	15.90	16.00	0.5	713.5	23825	15.80	16.00	0.5								
		25	709	23780	15.88	16.00	0.5	706.5	23755	15.96	16.00	0.5								
			710	23790	15.80	16.00	0.5	710	23790	15.82	16.00	0.5								
			711	23800	15.91	16.00	0.5	713.5	23825	15.84	16.00	0.5								
			709	23780	15.81	16.00	0.5	706.5	23755	15.85	16.00	0.5								
			710	23790	15.84	16.00	0.5	710	23790	15.79	16.00	0.5								
			711	23800	15.90	16.00	0.5	713.5	23825	15.80	16.00	0.5								

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**LTE FDD Band 26 - conducted power table:  
WWAN UAT hotspot/Head calling mode reduced power**

Model	Modulation	FDD Band 26					Modulation	Modulation	FDD Band 26					Modulation	Modulation	FDD Band 26					Modulation	Modulation	FDD Band 26																			
		RB Size	RB Offset	Frequency (MHz)	Channel	Conducted Power (dBm)			Power Spectral Density (dBm/100kHz)	RB Size	RB Offset	Frequency (MHz)	Channel			Conducted Power (dBm)	Power Spectral Density (dBm/100kHz)	RB Size	RB Offset	Frequency (MHz)			Channel	Conducted Power (dBm)	Power Spectral Density (dBm/100kHz)	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted Power (dBm)	Power Spectral Density (dBm/100kHz)	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted Power (dBm)	Power Spectral Density (dBm/100kHz)					
13	OFDM	1.8M	0	0	1875.0	1875.0	21.0	OFDM	1.8M	0	0	1875.0	1875.0	21.0	OFDM	1.8M	0	0	1875.0	1875.0	21.0	OFDM	1.8M	0	0	1875.0	1875.0	21.0	OFDM	1.8M	0	0	1875.0	1875.0	21.0							
			1	1	1875.0	1875.0	21.0			1	1	1875.0	1875.0	21.0			1	1	1875.0	1875.0	21.0			1	1	1875.0	1875.0	21.0			1	1	1875.0	1875.0	21.0							
			2	2	1875.0	1875.0	21.0			2	2	1875.0	1875.0	21.0			2	2	1875.0	1875.0	21.0			2	2	1875.0	1875.0	21.0			2	2	1875.0	1875.0	21.0							
		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0	20.4M	12	12	1875.0	1875.0	21.0	
			13	13	1875.0	1875.0	21.0			13	13	1875.0	1875.0	21.0			13	13	1875.0	1875.0	21.0			13	13	1875.0	1875.0	21.0			13	13	1875.0	1875.0	21.0							
			14	14	1875.0	1875.0	21.0			14	14	1875.0	1875.0	21.0			14	14	1875.0	1875.0	21.0			14	14	1875.0	1875.0	21.0			14	14	1875.0	1875.0	21.0							
	10-QAM	1.8M	0	0	1875.0	1875.0	21.0	10-QAM	1.8M	0	0	1875.0	1875.0	21.0	10-QAM	1.8M	0	0	1875.0	1875.0	21.0	10-QAM	1.8M	0	0	1875.0	1875.0	21.0	10-QAM	1.8M	0	0	1875.0	1875.0	21.0	10-QAM	1.8M	0	0	1875.0	1875.0	21.0
			1	1	1875.0	1875.0	21.0			1	1	1875.0	1875.0	21.0			1	1	1875.0	1875.0	21.0			1	1	1875.0	1875.0	21.0			1	1	1875.0	1875.0	21.0							
			2	2	1875.0	1875.0	21.0			2	2	1875.0	1875.0	21.0			2	2	1875.0	1875.0	21.0			2	2	1875.0	1875.0	21.0			2	2	1875.0	1875.0	21.0							
		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0		20.4M	12	12	1875.0	1875.0	21.0
			13	13	1875.0	1875.0	21.0			13	13	1875.0	1875.0	21.0			13	13	1875.0	1875.0	21.0			13	13	1875.0	1875.0	21.0			13	13	1875.0	1875.0	21.0							
			14	14	1875.0	1875.0	21.0			14	14	1875.0	1875.0	21.0			14	14	1875.0	1875.0	21.0			14	14	1875.0	1875.0	21.0			14	14	1875.0	1875.0	21.0							

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### Inter without WLAN UAT/LAT & Inter with WLAN LAT

BAND	Modulation	SR Rate	FDD Band 26					SR Rate	Modulation	SR Rate	FDD Band 26					SR Rate	Modulation	SR Rate	FDD Band 26					SR Rate	Modulation	SR Rate	FDD Band 26					
			Frequency (MHz)	Channel	Channel Power (dBm)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)				Frequency (MHz)	Channel	Channel Power (dBm)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)				Frequency (MHz)	Channel	Channel Power (dBm)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)				Frequency (MHz)	Channel	Channel Power (dBm)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Frequency (MHz)
11	OFDM	1.80	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0
			10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0
			15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0
		20.00	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0
			10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0
			15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0
	70.00	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	
		10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	
		15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	

\*Band 5 is covered by Band 26.

### Inter with WLAN reduced power UAT

BAND	Modulation	SR Rate	FDD Band 26					SR Rate	Modulation	SR Rate	FDD Band 26					SR Rate	Modulation	SR Rate	FDD Band 26					SR Rate	Modulation	SR Rate	FDD Band 26					
			Frequency (MHz)	Channel	Channel Power (dBm)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)				Frequency (MHz)	Channel	Channel Power (dBm)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)				Frequency (MHz)	Channel	Channel Power (dBm)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)				Frequency (MHz)	Channel	Channel Power (dBm)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Frequency (MHz)
11	OFDM	1.80	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0
			10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0
			15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0
		20.00	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0
			10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0
			15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0
	70.00	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	5	5.875	23.0	-102.0	-102.0	
		10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	10	11.750	23.0	-102.0	-102.0	
		15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	15	17.750	23.0	-102.0	-102.0	

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**LTE FDD Band 30 - conducted power table:  
WWAN LAT hotspot camera mode reduced power**

FDD Band 30							FDD Band 30												
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		
10	QPSK	1 RB	0	2310	27710	20.82	21.00	0	5	QPSK	1 RB	0	2307.5	27685	20.95	21.00	0		
			25	2310	27710	20.91	21.00	0					2310	27710	20.85	21.00	0		
			49	2310	27710	20.98	21.00	0					2312.5	27735	20.22	21.00	0		
		25 RB	0	2310	27710	19.85	20.00	-0.1				12	2307.5	27685	20.25	21.00	0		
			12	2310	27710	19.71	20.00	-0.1					2310	27710	20.41	21.00	0		
			25	2310	27710	19.88	20.00	-0.1					2312.5	27735	20.92	21.00	0		
		50RB	2310	27710	19.86	20.00	-0.1	24				2307.5	27685	20.64	21.00	0			
			0	2310	27710	19.70	20.00					-0.1	2310	27710	20.32	21.00	0		
			25	2310	27710	19.58	20.00					-0.1	2312.5	27735	20.66	21.00	0		
		16-QAM	1 RB	0	2310	27710	19.13	20.00				-0.1	12 RB	0	2307.5	27685	19.49	20.00	-0.1
				25	2310	27710	18.92	19.00				-0.2			2310	27710	19.58	20.00	-0.1
				49	2310	27710	19.13	20.00				-0.1			2312.5	27735	18.96	20.00	-0.1
			25 RB	0	2310	27710	18.55	19.00				-0.2		6	2307.5	27685	19.50	20.00	-0.1
				12	2310	27710	18.53	19.00				-0.2			2310	27710	19.60	20.00	-0.1
				25	2310	27710	18.53	19.00				-0.2			2312.5	27735	19.17	20.00	-0.1
	50RB	2310	27710	18.91	19.00	-0.2	13	2307.5	27685	19.85	20.00	-0.1							
		0	2310	27710	18.59	19.00		-0.2	2310	27710	19.03	20.00	-0.1						
		25	2310	27710	18.40	19.00		-0.2	2312.5	27735	19.59	20.00	-0.1						
	64-QAM	1 RB	0	2310	27710	17.17	18.00	-0.3	25RB	2307.5	27685	19.15	20.00	-0.1					
			12	2310	27710	17.67	18.00	-0.3		2310	27710	19.15	20.00	-0.1					
			25	2310	27710	17.27	18.00	-0.3		2312.5	27735	19.74	20.00	-0.1					
		25 RB	2310	27710	17.94	18.00	-0.3	0		2307.5	27685	19.55	20.00	-0.1					
			0	2310	27710	15.60	16.00			-0.5	2310	27710	19.72	20.00	-0.1				
			25	2310	27710	15.08	16.00			-0.5	2312.5	27735	19.80	20.00	-0.1				
	50RB	2310	27710	15.01	16.00	-0.5	12	2307.5	27685	19.11	20.00	-0.1							
		0	2310	27710	15.86	16.00		-0.5	2310	27710	19.07	20.00	-0.1						
		12	2310	27710	14.99	16.00		-0.5	2312.5	27735	19.67	20.00	-0.1						
	256-QAM	25 RB	25	2310	27710	15.01	16.00	-0.5	24	2307.5	27685	18.99	20.00	-0.1					
			0	2310	27710	15.86	16.00	-0.5		2310	27710	19.89	20.00	-0.1					
			12	2310	27710	14.99	16.00	-0.5		2312.5	27735	19.90	20.00	-0.1					
	5	16-QAM	1 RB	0	2310	27710	18.82	19.00	-0.2	64-QAM	1 RB	0	2307.5	27685	18.72	19.00	-0.2		
				25	2310	27710	18.40	19.00	-0.2				2310	27710	18.82	19.00	-0.2		
				49	2310	27710	18.40	19.00	-0.2				2312.5	27735	18.40	19.00	-0.2		
			25 RB	0	2310	27710	18.04	19.00	-0.2			12 RB	6	2307.5	27685	18.04	19.00	-0.2	
				12	2310	27710	18.66	19.00	-0.2					2310	27710	18.66	19.00	-0.2	
				25	2310	27710	18.12	19.00	-0.2					2312.5	27735	18.12	19.00	-0.2	
			50RB	2310	27710	18.86	19.00	-0.2	13			2307.5	27685	18.27	19.00	-0.2			
				0	2310	27710	18.94	19.00				-0.2	2310	27710	18.94	19.00	-0.2		
				25	2310	27710	17.27	18.00				-0.3	2312.5	27735	18.86	19.00	-0.2		
			64-QAM	1 RB	0	2310	27710	17.80	18.00			-0.2	25RB	2307.5	27685	18.67	19.00	-0.2	
					12	2310	27710	17.80	18.00			-0.2		2310	27710	18.80	19.00	-0.2	
					25	2310	27710	17.35	18.00			-0.3		2312.5	27735	18.43	19.00	-0.2	
				12 RB	0	2307.5	27685	18.08	19.00			-0.2		0	2307.5	27685	18.08	19.00	-0.2
						2310	27710	18.73	19.00			-0.2			2310	27710	18.73	19.00	-0.2
						2312.5	27735	18.42	19.00			-0.2			2312.5	27735	18.42	19.00	-0.2
		25 RB	12	2307.5	27685	18.13	19.00	-0.2	24	2307.5	27685	18.13	19.00	-0.2					
				2310	27710	17.96	19.00	-0.2		2310	27710	17.96	19.00	-0.2					
				2312.5	27735	18.59	19.00	-0.2		2312.5	27735	18.59	19.00	-0.2					
		50RB	24	2307.5	27685	18.06	19.00	-0.2	6	2307.5	27685	18.06	19.00	-0.2					
				2310	27710	18.21	19.00	-0.2		2310	27710	18.21	19.00	-0.2					
				2312.5	27735	18.80	19.00	-0.2		2312.5	27735	18.80	19.00	-0.2					
		256-QAM	1 RB	0	2307.5	27685	17.19	18.00	-0.3	12 RB	0	2307.5	27685	17.19	18.00	-0.3			
					2310	27710	17.10	18.00	-0.3			2310	27710	17.10	18.00	-0.3			
					2312.5	27735	17.46	18.00	-0.3			2312.5	27735	17.46	18.00	-0.3			
			25 RB	6	2307.5	27685	17.36	18.00	-0.3		6	2307.5	27685	17.36	18.00	-0.3			
					2310	27710	17.37	18.00	-0.3			2310	27710	17.37	18.00	-0.3			
					2312.5	27735	17.14	18.00	-0.3			2312.5	27735	17.14	18.00	-0.3			
		50RB	13	2307.5	27685	17.51	18.00	-0.3	13	2307.5	27685	17.51	18.00	-0.3					
				2310	27710	17.27	18.00	-0.3		2310	27710	17.27	18.00	-0.3					
				2312.5	27735	17.48	18.00	-0.3		2312.5	27735	17.48	18.00	-0.3					
		256-QAM	1 RB	0	2307.5	27685	16.96	18.00	-0.3	25RB	2307.5	27685	16.96	18.00	-0.3				
					2310	27710	17.80	18.00	-0.3		2310	27710	17.80	18.00	-0.3				
					2312.5	27735	17.32	18.00	-0.3		2312.5	27735	17.32	18.00	-0.3				
				12	2307.5	27685	15.45	16.00	-0.5		0	2307.5	27685	15.45	16.00	-0.5			
					2310	27710	15.80	16.00	-0.5			2310	27710	15.80	16.00	-0.5			
					2312.5	27735	15.95	16.00	-0.5			2312.5	27735	15.95	16.00	-0.5			
				24	2307.5	27685	14.98	16.00	-0.5		12	2307.5	27685	14.98	16.00	-0.5			
					2310	27710	15.25	16.00	-0.5			2310	27710	15.25	16.00	-0.5			
					2312.5	27735	15.19	16.00	-0.5			2312.5	27735	15.19	16.00	-0.5			
			50RB	13	2307.5	27685	15.33	16.00	-0.5		24	2307.5	27685	15.33	16.00	-0.5			
					2310	27710	15.74	16.00	-0.5			2310	27710	15.74	16.00	-0.5			
					2312.5	27735	15.37	16.00	-0.5			2312.5	27735	15.37	16.00	-0.5			
			256-QAM	12 RB	0	2307.5	27685	15.25	16.00		-0.5	6	2307.5	27685	15.25	16.00	-0.5		
						2310	27710	15.08	16.00		-0.5		2310	27710	15.08	16.00	-0.5		
						2312.5	27735	15.18	16.00		-0.5		2312.5	27735	15.18	16.00	-0.5		
		25 RB		6	2307.5	27685	15.39	16.00	-0.5	6	2307.5		27685	15.39	16.00	-0.5			
					2310	27710	15.21	16.00	-0.5		2310		27710	15.21	16.00	-0.5			
					2312.5	27735	15.57	16.00	-0.5		2312.5		27735	15.57	16.00	-0.5			
		50RB	13	2307.5	27685	15.65	16.00	-0.5	13	2307.5	27685	15.65	16.00	-0.5					
				2310	27710	15.04	16.00	-0.5		2310	27710	15.04	16.00	-0.5					
				2312.5	27735	15.88	16.00	-0.5		2312.5	27735	15.88	16.00	-0.5					
		256-QAM	25 RB	2307.5	27685	15.91	16.00	-0.5	25RB	2307.5	27685	15.91	16.00	-0.5					
				2310	27710	15.36	16.00	-0.5		2310	27710	15.36	16.00	-0.5					
				2312.5	27735	15.57	16.00	-0.5		2312.5	27735	15.57	16.00	-0.5					

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**LTE FDD Band 66 - conducted power table:  
WWAN Hotspot reduced power**

Model	Modem	Modem ID	CDL-Band66				Modem	Modem ID	CDL-Band66				Modem	Modem ID	CDL-Band66				Modem	Modem ID	CDL-Band66			
			Power	Power	Power	Power			Power	Power	Power	Power			Power	Power	Power	Power			Power	Power	Power	Power
10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000

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### LTE FDD Band 71 - conducted power table: WWAN UAT hotspot calling mode reduced power

FDD Band 71										FDD Band 71										FDD Band 71										FDD Band 71												
SRM/PC	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE Allowed per 50MHz	SRM/PC	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE Allowed per 50MHz	SRM/PC	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE Allowed per 50MHz	SRM/PC	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Power Max. (dBm)	MPE Allowed per 50MHz							
OPPC	1 RB	0	0	675	13322	20.5	21.00	0	1 RB	36	0	0	680.5	13327	20.5	21.00	0	OPPC	1 RB	12	0	685.5	13332	20.5	21.00	0	1 RB	24	0	690.5	13337	20.5	21.00	0	1 RB	36	0	695.5	13342	20.5	21.00	0
				676	13323	20.5	21.00	0					681.5	13328	20.5	21.00	0					686.5	13333	20.5	21.00	0				691.5	13338	20.5	21.00	0				696.5	13343	20.5	21.00	0
				677	13324	20.5	21.00	0					682.5	13329	20.5	21.00	0					687.5	13334	20.5	21.00	0				692.5	13339	20.5	21.00	0				697.5	13344	20.5	21.00	0
		50	0	678	13325	20.5	21.00	0		683.5	13330	20.5	21.00	0	688.5	13335	20.5			21.00	0	693.5	13340	20.5	21.00	0		698.5	13345	20.5	21.00	0	703.5	13350		20.5	21.00	0				
				679	13326	20.5	21.00	0		684.5	13331	20.5	21.00	0	689.5	13336	20.5			21.00	0	694.5	13341	20.5	21.00	0		699.5	13346	20.5	21.00	0	704.5	13351		20.5	21.00	0				
				680	13327	20.5	21.00	0		685.5	13332	20.5	21.00	0	690.5	13337	20.5			21.00	0	695.5	13342	20.5	21.00	0		700.5	13347	20.5	21.00	0	705.5	13352		20.5	21.00	0				
	50	0	681	13328	20.5	21.00	0	686.5	13333	20.5	21.00	0	691.5	13338	20.5	21.00	0		696.5	13343	20.5	21.00	0	701.5	13348	20.5	21.00	0	706.5	13353	20.5	21.00	0	711.5	13358	20.5	21.00	0				
			682	13329	20.5	21.00	0	687.5	13334	20.5	21.00	0	692.5	13339	20.5	21.00	0		697.5	13344	20.5	21.00	0	702.5	13349	20.5	21.00	0	707.5	13354	20.5	21.00	0									
			683	13330	20.5	21.00	0	688.5	13335	20.5	21.00	0	693.5	13340	20.5	21.00	0		698.5	13345	20.5	21.00	0	703.5	13350	20.5	21.00	0	708.5	13355	20.5	21.00	0									
		50	0	684	13331	20.5	21.00	0	689.5	13336	20.5	21.00	0	694.5	13341	20.5	21.00		0	699.5	13346	20.5	21.00	0	704.5	13351	20.5	21.00	0	709.5	13356	20.5	21.00	0								
				685	13332	20.5	21.00	0	690.5	13337	20.5	21.00	0	695.5	13342	20.5	21.00		0	700.5	13347	20.5	21.00	0	705.5	13352	20.5	21.00	0													
				686	13333	20.5	21.00	0	691.5	13338	20.5	21.00	0	696.5	13343	20.5	21.00		0	701.5	13348	20.5	21.00	0	706.5	13353	20.5	21.00	0													
100RB	0	687	13334	18.0	20.00	0.1	692.5	13339	18.0	20.00	0.1	697.5	13344	18.0	20.00	0.1	702.5	13349	18.0	20.00	0.1	707.5	13354	18.0	20.00	0.1	712.5	13359	18.0	20.00	0.1											
		688	13335	18.0	20.00	0.1	693.5	13340	18.0	20.00	0.1	698.5	13345	18.0	20.00	0.1	703.5	13350	18.0	20.00	0.1	708.5	13355	18.0	20.00	0.1																
		689	13336	18.0	20.00	0.1	694.5	13341	18.0	20.00	0.1	699.5	13346	18.0	20.00	0.1	704.5	13351	18.0	20.00	0.1	709.5	13356	18.0	20.00	0.1																
	50	0	690	13337	18.0	20.00	0.1	695.5	13342	18.0	20.00	0.1	700.5	13347	18.0	20.00	0.1	705.5	13352	18.0	20.00	0.1	710.5	13357	18.0	20.00	0.1															
			691	13338	18.0	20.00	0.1	696.5	13343	18.0	20.00	0.1	701.5	13348	18.0	20.00	0.1	706.5	13353	18.0	20.00	0.1	711.5	13358	18.0	20.00	0.1															
			692	13339	18.0	20.00	0.1	697.5	13344	18.0	20.00	0.1	702.5	13349	18.0	20.00	0.1	707.5	13354	18.0	20.00	0.1	712.5	13359	18.0	20.00	0.1															

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## Reduced power LTE TDD Band 41 - conducted power table: Head\_LAT ENDC with WLAN Calling

TDD Band 41										TDD Band 41										TDD Band 41										TDD Band 41									
SRM/Mod	Modulation	RB Sca	RB Chir	Frequency (MHz)	Channel	Conductance power (dBm)	Target Power (dBm)	MFR Allowed per (SPW/PRB)	SRM/Mod	Modulation	RB Sca	RB Chir	Frequency (MHz)	Channel	Conductance power (dBm)	Target Power (dBm)	MFR Allowed per (SPW/PRB)	SRM/Mod	Modulation	RB Sca	RB Chir	Frequency (MHz)	Channel	Conductance power (dBm)	Target Power (dBm)	MFR Allowed per (SPW/PRB)	SRM/Mod	Modulation	RB Sca	RB Chir	Frequency (MHz)	Channel	Conductance power (dBm)	Target Power (dBm)	MFR Allowed per (SPW/PRB)				
1RB	QPSK	50	0	2545.0	3875.0	23.50	24.50	0	1RB	QPSK	30	0	2545.0	3875.0	23.50	24.50	0	1RB	QPSK	25	0	2545.0	3875.0	23.50	24.50	0	1RB	QPSK	12	0	2545.0	3875.0	23.50	24.50	0				

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### Hotspot\_LAT\_ENDC with WLAN Normal

TDD Band 41										TDD Band 41										TDD Band 41										TDD Band 41																													
SRV/RF/Modulation	Modulation	RB Size	RB Chn	Frequency (MHz)	Channel	Conducted (dBm)	Target Power + Tol. (dBm)	MFR (dBm)	MFR (dBm)	SRV/RF/Modulation	Modulation	RB Size	RB Chn	Frequency (MHz)	Channel	Conducted (dBm)	Target Power + Tol. (dBm)	MFR (dBm)	MFR (dBm)	SRV/RF/Modulation	Modulation	RB Size	RB Chn	Frequency (MHz)	Channel	Conducted (dBm)	Target Power + Tol. (dBm)	MFR (dBm)	MFR (dBm)	SRV/RF/Modulation	Modulation	RB Size	RB Chn	Frequency (MHz)	Channel	Conducted (dBm)	Target Power + Tol. (dBm)	MFR (dBm)	MFR (dBm)																				
0	1 RB	50	0	2543	39725	20.20	20.20	0	0	0	1 RB	36	0	2543	39725	20.20	20.20	0	0	0	1 RB	25	0	2543	39725	20.20	20.20	0	0	0	1 RB	12	0	2543	39725	20.20	20.20	0	0	0	1 RB	24	0	2543	39725	20.20	20.20	0	0	0	1 RB	6	0	2543	39725	20.20	20.20	0	0

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### Intra-Band ULCA power table (Reduced power)

#### UL 2CA\_Reduced Power

CA_5B														
Combination 50RB + 50RB (10MHz + 10MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
10	QPSK	829	20450	1	49	10	QPSK	838.9	20549	1	0	0	20.77	21.00
10	QPSK	844	20600	1	0	10	QPSK	834.1	20501	1	49	0	20.75	21.00

CA_5B														
Combination 50RB + 25RB (10MHz + 5MHz)														
PCC						SCC						UL CA power		
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Measured (dBm)	Tune-up limit (dBm)
10	QPSK	829	20450	1	0	5	QPSK	836.2	20522	1	49	0	20.72	21.00

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**ENDC\_5G NR n2 / n41 / n66 power table:**

n2\_15kHz

Head\_LAT\_ENDC+WLAN Calling & Hotspot\_LAT\_ENDC+WLAN

NR Band n2							NR Band n41							NR Band n66							NR Band n2																		
Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per SGPPTS(B)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per SGPPTS(B)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per SGPPTS(B)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per SGPPTS(B)								
DTF-s-BPSK OFDM	1	50	1	1880	372000	17.28	18.50	0	1	28	1	1880	372000	17.28	18.50	0	DTF-s-BPSK OFDM	1	50	1	1880	372000	17.28	18.50	0	DTF-s-BPSK OFDM	1	50	1	1880	372000	17.28	18.50	0					
				1900	380000	17.24	18.50	0				1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					
				1880	372000	17.28	18.50	0				1880	372000	17.28	18.50	0					1880	372000	17.28	18.50	0					1880	372000	17.28	18.50	0	1880	372000	17.28	18.50	0
				1900	380000	17.24	18.50	0				1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0	1900	380000	17.24	18.50	0
				1880	372000	17.28	18.50	0				1880	372000	17.28	18.50	0					1880	372000	17.28	18.50	0					1880	372000	17.28	18.50	0	1880	372000	17.28	18.50	0
				1900	380000	17.24	18.50	0				1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0	1900	380000	17.24	18.50	0
	0	50	1	1880	372000	17.28	18.50	0	1	28	1	1880	372000	17.28	18.50	0	DTF-s-BPSK OFDM	1	50	1	1880	372000	17.28	18.50	0	DTF-s-BPSK OFDM	1	50	1	1880	372000	17.28	18.50	0					
				1900	380000	17.24	18.50	0				1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					
				1880	372000	17.28	18.50	0				1880	372000	17.28	18.50	0					1880	372000	17.28	18.50	0					1880	372000	17.28	18.50	0					
				1900	380000	17.24	18.50	0				1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					
				1880	372000	17.28	18.50	0				1880	372000	17.28	18.50	0					1880	372000	17.28	18.50	0					1880	372000	17.28	18.50	0					
				1900	380000	17.24	18.50	0				1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					1900	380000	17.24	18.50	0					

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n41\_30kHz  
Hotspot\_LAT\_ENDC with WLAN Camera

Item	Test Method	Test Result	Pass/Fail	Remarks
1.1	1.1.1	1.1.1.1	Pass	
		1.1.1.2	Pass	
		1.1.1.3	Pass	
		1.1.1.4	Pass	
		1.1.1.5	Pass	
		1.1.1.6	Pass	
		1.1.1.7	Pass	
		1.1.1.8	Pass	
		1.1.1.9	Pass	
		1.1.1.10	Pass	
		1.1.1.11	Pass	
		1.1.1.12	Pass	
1.2	1.2.1	1.2.1.1	Pass	
		1.2.1.2	Pass	
		1.2.1.3	Pass	
		1.2.1.4	Pass	
		1.2.1.5	Pass	
		1.2.1.6	Pass	
		1.2.1.7	Pass	
		1.2.1.8	Pass	
		1.2.1.9	Pass	
		1.2.1.10	Pass	
		1.2.1.11	Pass	
		1.2.1.12	Pass	
1.3	1.3.1	1.3.1.1	Pass	
		1.3.1.2	Pass	
		1.3.1.3	Pass	
		1.3.1.4	Pass	
		1.3.1.5	Pass	
		1.3.1.6	Pass	
		1.3.1.7	Pass	
		1.3.1.8	Pass	
		1.3.1.9	Pass	
		1.3.1.10	Pass	
		1.3.1.11	Pass	
		1.3.1.12	Pass	
1.4	1.4.1	1.4.1.1	Pass	
		1.4.1.2	Pass	
		1.4.1.3	Pass	
		1.4.1.4	Pass	
		1.4.1.5	Pass	
		1.4.1.6	Pass	
		1.4.1.7	Pass	
		1.4.1.8	Pass	
		1.4.1.9	Pass	
		1.4.1.10	Pass	
		1.4.1.11	Pass	
		1.4.1.12	Pass	
1.5	1.5.1	1.5.1.1	Pass	
		1.5.1.2	Pass	
		1.5.1.3	Pass	
		1.5.1.4	Pass	
		1.5.1.5	Pass	
		1.5.1.6	Pass	
		1.5.1.7	Pass	
		1.5.1.8	Pass	
		1.5.1.9	Pass	
		1.5.1.10	Pass	
		1.5.1.11	Pass	
		1.5.1.12	Pass	
1.6	1.6.1	1.6.1.1	Pass	
		1.6.1.2	Pass	
		1.6.1.3	Pass	
		1.6.1.4	Pass	
		1.6.1.5	Pass	
		1.6.1.6	Pass	
		1.6.1.7	Pass	
		1.6.1.8	Pass	
		1.6.1.9	Pass	
		1.6.1.10	Pass	
		1.6.1.11	Pass	
		1.6.1.12	Pass	
1.7	1.7.1	1.7.1.1	Pass	
		1.7.1.2	Pass	
		1.7.1.3	Pass	
		1.7.1.4	Pass	
		1.7.1.5	Pass	
		1.7.1.6	Pass	
		1.7.1.7	Pass	
		1.7.1.8	Pass	
		1.7.1.9	Pass	
		1.7.1.10	Pass	
		1.7.1.11	Pass	
		1.7.1.12	Pass	
1.8	1.8.1	1.8.1.1	Pass	
		1.8.1.2	Pass	
		1.8.1.3	Pass	
		1.8.1.4	Pass	
		1.8.1.5	Pass	
		1.8.1.6	Pass	
		1.8.1.7	Pass	
		1.8.1.8	Pass	
		1.8.1.9	Pass	
		1.8.1.10	Pass	
		1.8.1.11	Pass	
		1.8.1.12	Pass	
1.9	1.9.1	1.9.1.1	Pass	
		1.9.1.2	Pass	
		1.9.1.3	Pass	
		1.9.1.4	Pass	
		1.9.1.5	Pass	
		1.9.1.6	Pass	
		1.9.1.7	Pass	
		1.9.1.8	Pass	
		1.9.1.9	Pass	
		1.9.1.10	Pass	
		1.9.1.11	Pass	
		1.9.1.12	Pass	
1.10	1.10.1	1.10.1.1	Pass	
		1.10.1.2	Pass	
		1.10.1.3	Pass	
		1.10.1.4	Pass	
		1.10.1.5	Pass	
		1.10.1.6	Pass	
		1.10.1.7	Pass	
		1.10.1.8	Pass	
		1.10.1.9	Pass	
		1.10.1.10	Pass	
		1.10.1.11	Pass	
		1.10.1.12	Pass	
1.11	1.11.1	1.11.1.1	Pass	
		1.11.1.2	Pass	
		1.11.1.3	Pass	
		1.11.1.4	Pass	
		1.11.1.5	Pass	
		1.11.1.6	Pass	
		1.11.1.7	Pass	
		1.11.1.8	Pass	
		1.11.1.9	Pass	
		1.11.1.10	Pass	
		1.11.1.11	Pass	
		1.11.1.12	Pass	
1.12	1.12.1	1.12.1.1	Pass	
		1.12.1.2	Pass	
		1.12.1.3	Pass	
		1.12.1.4	Pass	
		1.12.1.5	Pass	
		1.12.1.6	Pass	
		1.12.1.7	Pass	
		1.12.1.8	Pass	
		1.12.1.9	Pass	
		1.12.1.10	Pass	
		1.12.1.11	Pass	
		1.12.1.12	Pass	
1.13	1.13.1	1.13.1.1	Pass	
		1.13.1.2	Pass	
		1.13.1.3	Pass	
		1.13.1.4	Pass	
		1.13.1.5	Pass	
		1.13.1.6	Pass	
		1.13.1.7	Pass	
		1.13.1.8	Pass	
		1.13.1.9	Pass	
		1.13.1.10	Pass	
		1.13.1.11	Pass	
		1.13.1.12	Pass	
1.14	1.14.1	1.14.1.1	Pass	
		1.14.1.2	Pass	
		1.14.1.3	Pass	
		1.14.1.4	Pass	
		1.14.1.5	Pass	
		1.14.1.6	Pass	
		1.14.1.7	Pass	
		1.14.1.8	Pass	
		1.14.1.9	Pass	
		1.14.1.10	Pass	
		1.14.1.11	Pass	
		1.14.1.12	Pass	
1.15	1.15.1	1.15.1.1	Pass	
		1.15.1.2	Pass	
		1.15.1.3	Pass	
		1.15.1.4	Pass	
		1.15.1.5	Pass	
		1.15.1.6	Pass	
		1.15.1.7	Pass	
		1.15.1.8	Pass	
		1.15.1.9	Pass	
		1.15.1.10	Pass	
		1.15.1.11	Pass	
		1.15.1.12	Pass	
1.16	1.16.1	1.16.1.1	Pass	
		1.16.1.2	Pass	
		1.16.1.3	Pass	
		1.16.1.4	Pass	
		1.16.1.5	Pass	
		1.16.1.6	Pass	
		1.16.1.7	Pass	
		1.16.1.8	Pass	
		1.16.1.9	Pass	
		1.16.1.10	Pass	
		1.16.1.11	Pass	
		1.16.1.12	Pass	
1.17	1.17.1	1.17.1.1	Pass	
		1.17.1.2	Pass	
		1.17.1.3	Pass	
		1.17.1.4	Pass	
		1.17.1.5	Pass	
		1.17.1.6	Pass	
		1.17.1.7	Pass	
		1.17.1.8	Pass	
		1.17.1.9	Pass	
		1.17.1.10	Pass	
		1.17.1.11	Pass	
		1.17.1.12	Pass	
1.18	1.18.1	1.18.1.1	Pass	
		1.18.1.2	Pass	
		1.18.1.3	Pass	
		1.18.1.4	Pass	
		1.18.1.5	Pass	
		1.18.1.6	Pass	
		1.18.1.7	Pass	
		1.18.1.8	Pass	
		1.18.1.9	Pass	
		1.18.1.10	Pass	
		1.18.1.11	Pass	
		1.18.1.12	Pass	
1.19	1.19.1	1.19.1.1	Pass	
		1.19.1.2	Pass	
		1.19.1.3	Pass	
		1.19.1.4	Pass	
		1.19.1.5	Pass	
		1.19.1.6	Pass	
		1.19.1.7	Pass	
		1.19.1.8	Pass	
		1.19.1.9	Pass	
		1.19.1.10	Pass	
		1.19.1.11	Pass	
		1.19.1.12	Pass	
1.20	1.20.1	1.20.1.1	Pass	
		1.20.1.2	Pass	
		1.20.1.3	Pass	
		1.20.1.4	Pass	
		1.20.1.5	Pass	
		1.20.1.6	Pass	
		1.20.1.7	Pass	
		1.20.1.8	Pass	
		1.20.1.9	Pass	
		1.20.1.10	Pass	
		1.20.1.11	Pass	
		1.20.1.12	Pass	
1.21	1.21.1	1.21.1.1	Pass	
		1.21.1.2	Pass	
		1.21.1.3	Pass	
		1.21.1.4	Pass	
		1.21.1.5	Pass	
		1.21.1.6	Pass	
		1.21.1.7	Pass	
		1.21.1.8	Pass	
		1.21.1.9	Pass	
		1.21.1.10	Pass	
		1.21.1.11	Pass	
		1.21.1.12	Pass	
1.22	1.22.1	1.22.1.1	Pass	
		1.22.1.2	Pass	
		1.22.1.3	Pass	
		1.22.1.4	Pass	
		1.22.1.5	Pass	
		1.22.1.6	Pass	
		1.22.1.7	Pass	
		1.22.1.8	Pass	
		1.22.1.9	Pass	
		1.22.1.10	Pass	
		1.22.1.11	Pass	
		1.22.1.12	Pass	
1.23	1.23.1	1.23.1.1	Pass	
		1.23.1.2	Pass	
		1.23.1.3	Pass	
		1.23.1.4	Pass	
		1.23.1.5	Pass	
		1.23.1.6	Pass	
		1.23.1.7	Pass	
		1.23.1.8	Pass	
		1.23.1.9	Pass	
		1.23.1.10	Pass	
		1.23.1.11	Pass	
		1.23.1.12	Pass	
1.24	1.24.1	1.24.1.1	Pass	
		1.24.1.2	Pass	
		1.24.1.3	Pass	
		1.24.1.4	Pass	
		1.24.1.5	Pass	
		1.24.1.6	Pass	
		1.24.1.7	Pass	
		1.24.1.8	Pass	
		1.24.1.9	Pass	
		1.24.1.10	Pass	
		1.24.1.11	Pass	
		1.24.1.12	Pass	
1.25	1.25.1	1.25.1.1	Pass	
		1.25.1.2	Pass	
		1.25.1.3	Pass	
		1.25.1.4	Pass	
		1.25.1.5	Pass	
		1.25.1.6	Pass	
		1.25.1.7	Pass	
		1.25.1.8	Pass	
		1.25.1.9	Pass	
		1.25.1.10	Pass	
		1.25.1.11	Pass	
		1.25.1.12	Pass	
1.26	1.26.1	1.26.1.1	Pass	
		1.26.1.2	Pass	
		1.26.1.3	Pass	
		1.26.1.4	Pass	
		1.26.1.5	Pass	
		1.26.1.6	Pass	
		1.26.1.7	Pass	
		1.26.1.8	Pass	
		1.26.1.9	Pass	
		1.26.1.10	Pass	
		1.26.1.11	Pass	
		1.26.1.12	Pass	
1.27	1.27.1	1.27.1.1	Pass	
		1.27.1.2	Pass	
		1.27.1.3	Pass	
		1.27.1.4	Pass	
		1.27.1.5	Pass	
		1.27.1.6	Pass	
		1.27.1.7	Pass	
		1.27.1.8	Pass	
		1.27.1.9	Pass	
		1.27.1.10	Pass	
		1.27.1.11	Pass	
		1.27.1.12	Pass	
1.28	1.28.1	1.28.1.1	Pass	
		1.28.1.2	Pass	
		1.28.1.3	Pass	
		1.28.1.4	Pass	
		1.28.1.5	Pass	
		1.28.1.6	Pass	
		1.28.1.7	Pass	
		1.28.1.8	Pass	
		1.28.1.9	Pass	
		1.28.1.10	Pass	
		1.28.1.11	Pass	
		1.28.1.12	Pass	
1.29	1.29.1	1.29.1.1	Pass	
		1.29.1.2	Pass	
		1.29.1.3	Pass	
		1.29.1.4	Pass	
		1.29.1.5	Pass	
		1.29.1.6		

n66\_15kHz  
Head\_LAT\_ENDC with WLAN Calling & Hotspot\_LAT\_ENDC+WLAN

Emission	Modulation	MS Bandwidth					MS Bandwidth					MS Bandwidth					MS Bandwidth																													
		MS Size	MS ChOfs	Frequency (MHz)	Channel	Conductance (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	MFR (dBm)	MS Size	MS ChOfs	Frequency (MHz)	Channel	Conductance (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	MFR (dBm)	MS Size	MS ChOfs	Frequency (MHz)	Channel	Conductance (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	MFR (dBm)																		
40	DTT+GFSK OFDM	1	0	100	1	1772	20000	15.20	15.20	0	1	0	100	1	1772	20000	15.20	15.20	0	1	0	100	1	1772	20000	15.20	15.20	0	1	0	100	1	1772	20000	15.20	15.20	0									
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0									
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0	100	1	1772	20000	15.20	15.20	0		
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0	100	1	1772	20000	15.20	15.20	0		
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0	100	1	1772	20000	15.20	15.20	0		
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0	100	1	1772	20000	15.20	15.20	0		
	DTT+GFSK OFDM	1	0	100	1	1772	20000	15.20	15.20	0	1	0	100	1	1772	20000	15.20	15.20	0	1	0	100	1	1772	20000	15.20	15.20	0	1	0	100	1	1772	20000	15.20	15.20	0	1	0	100	1	1772	20000	15.20	15.20	0
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0
				100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0			100	1	1772	20000	15.20	15.20	0

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## WLAN802.11 a/b/g/n/ac/ax (20M/40M/80M) conducted power table (Reduced power):

### SISO Calling

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	38	5180	6Mbps	15.00	14.74
		40	5200		15.00	14.83
		44	5240		15.00	14.79
	802.11n20-HTO	38	5180	MCS0	15.00	14.84
		40	5200		15.00	14.82
		44	5240		15.00	14.82
	802.11ac20-VHTO	38	5180	MCS0	15.00	14.69
		40	5200		15.00	14.80
		44	5240		15.00	14.87
	802.11ax20-HEO	38	5180	MCS0	15.00	14.83
		40	5200		15.00	14.81
		44	5240		15.00	14.83
	802.11n40-HTO	38	5180	MCS0	15.00	14.73
		40	5200		15.00	14.96
		44	5240		15.00	14.96
	802.11ac40-VHTO	38	5180	MCS0	15.00	14.70
		40	5200		15.00	14.88
		44	5240		15.00	14.70
	802.11ax40-HEO	38	5180	MCS0	15.00	14.70
		40	5200		15.00	14.70
		44	5240		15.00	14.70
	802.11ax80-VHTO	42	5310	MCS0	14.50	14.48
		42	5210		14.50	14.48

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5280	6Mbps	15.50	15.49
		56	5280		15.50	15.21
		60	5300		15.50	15.39
	802.11n20-HTO	52	5280	MCS0	15.50	15.32
		56	5280		15.50	15.38
		60	5300		15.50	15.42
	802.11ac20-VHTO	52	5280	MCS0	15.50	15.36
		56	5280		15.50	15.38
		60	5300		15.50	15.38
	802.11ax20-HEO	52	5280	MCS0	15.50	15.29
		56	5280		15.50	15.29
		60	5300		15.50	15.14
	802.11n40-HTO	52	5280	MCS0	15.50	14.89
		56	5280		15.50	14.89
		60	5300		15.50	15.16
	802.11ac40-VHTO	52	5280	MCS0	15.50	14.88
		56	5280		15.50	14.88
		60	5300		15.50	14.73
	802.11ax40-HEO	52	5280	MCS0	15.00	14.93
		56	5280		15.00	14.93
		60	5300		15.00	14.82
	802.11ax80-VHTO	58	5280	MCS0	15.00	14.70
		58	5280		15.00	14.70

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5280	6Mbps	18.00	17.92
		56	5280		18.00	17.77
		60	5300		18.00	17.79
	802.11n20-HTO	52	5280	MCS0	18.00	18.00
		56	5280		18.50	18.22
		60	5300		18.50	18.49
	802.11ac20-VHTO	52	5280	MCS0	18.50	18.20
		56	5280		18.50	18.37
		60	5300		18.50	18.36
	802.11ax20-HEO	52	5280	MCS0	18.50	18.33
		56	5280		18.50	18.45
		60	5300		18.50	18.29
	802.11n40-HTO	52	5280	MCS0	18.00	17.82
		56	5280		18.00	17.78
		60	5300		18.00	17.75
	802.11ac40-VHTO	52	5280	MCS0	18.00	17.70
		56	5280		18.00	17.73
		60	5300		18.00	17.85
	802.11ax40-HEO	52	5280	MCS0	18.00	17.78
		56	5280		18.00	17.78
		60	5300		18.00	17.87

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	12.50	12.17
		116	5580		12.50	12.30
		120	5600		12.50	12.25
	802.11n20-HTO	100	5500	MCS0	12.50	12.48
		116	5580		12.50	12.41
		120	5600		12.50	12.33
	802.11ac20-VHTO	100	5500	MCS0	12.50	12.33
		116	5580		12.50	12.30
		120	5600		12.50	12.31
	802.11ax20-HEO	100	5500	MCS0	12.50	12.22
		116	5580		12.50	12.22
		120	5600		12.50	12.32
	802.11n40-HTO	100	5500	MCS0	12.50	12.29
		116	5580		12.50	12.39
		120	5600		12.50	12.24
	802.11ac40-VHTO	100	5500	MCS0	12.50	12.27
		116	5580		12.50	12.32
		120	5600		12.50	12.38
	802.11ax40-HEO	100	5500	MCS0	12.50	12.39
		116	5580		12.50	12.45
		120	5600		12.50	12.25
	802.11ax80-VHTO	106	5530	MCS0	12.50	12.31
		122	5610		12.50	12.38
		138	5690		12.50	12.49
	802.11ax80-HEO	106	5530	MCS0	12.50	12.13
		138	5690		12.50	12.24

Chain 1						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	19.00	18.80
		157	5785		19.00	18.77
		160	5820		19.00	18.81
	802.11n20-HTO	149	5745	MCS0	19.00	18.92
		157	5785		19.00	18.80
		160	5820		19.00	18.94
	802.11ac20-VHTO	149	5745	MCS0	19.00	18.87
		157	5785		19.00	18.88
		160	5820		19.00	18.77
	802.11ax20-HEO	149	5745	MCS0	19.00	18.78
		157	5785		19.00	18.74
		160	5820		19.00	18.78
	802.11n40-HTO	151	5755	MCS0	19.00	18.82
		159	5795		19.00	18.79
		161	5835		19.00	18.81
	802.11ac40-VHTO	151	5755	MCS0	19.00	18.81
		159	5795		19.00	18.91
		161	5835		19.00	18.92
	802.11ax40-HEO	151	5755	MCS0	19.00	18.91
		159	5795		19.00	18.92
		161	5835		19.00	18.98
	802.11ax80-VHTO	155	5775	MCS0	19.00	18.79
		155	5775		19.00	18.79

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### SISO\_Camera

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	15.50	15.34
		40	5200		15.50	15.33
		44	5220		15.50	15.35
	802.11n20-HTT	40	5200	MCS0	15.50	15.19
		44	5220		15.50	15.38
		48	5240		15.50	15.39
	802.11ac20-VHT0	40	5200	MCS0	15.50	15.34
		44	5220		15.50	15.41
		48	5240		15.50	15.28
	802.11ax20-HE0	36	5180	MCS0	15.50	15.34
		40	5200		15.50	15.31
		44	5220		15.50	15.32
802.11n40-HTT	36	5180	MCS0	15.50	15.33	
	40	5200		15.50	15.49	
	44	5220		15.50	15.49	
802.11ac40-VHT0	36	5180	MCS0	15.50	15.36	
	40	5200		15.50	15.44	
	44	5220		15.50	15.31	
802.11ax40-HE0	36	5180	MCS0	15.50	15.31	
	40	5200		15.50	15.31	
	42	5210		15.50	14.79	
802.11ax80-VHT0	42	5210	MCS0	15.00	14.80	
	42	5210		15.00	14.80	
	42	5210		15.00	14.80	

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	18.00	15.81
		40	5200		18.00	15.87
		44	5220		18.00	15.93
	802.11n20-HTT	40	5200	MCS0	18.00	15.98
		44	5220		18.00	15.78
		48	5240		18.00	15.78
	802.11ac20-VHT0	40	5200	MCS0	18.00	15.77
		44	5220		18.00	15.66
		48	5240		18.00	15.88
	802.11ax20-HE0	36	5180	MCS0	18.00	15.98
		40	5200		18.00	15.93
		44	5220		18.00	15.84
802.11n40-HTT	36	5180	MCS0	18.00	15.99	
	40	5200		18.00	15.77	
	46	5230		18.00	15.99	
802.11ac40-VHT0	36	5180	MCS0	18.00	15.77	
	40	5200		18.00	15.96	
	44	5220		18.00	15.81	
802.11ax40-HE0	36	5180	MCS0	18.00	15.79	
	40	5200		18.00	15.49	
	42	5210		18.00	15.30	

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	17.50	17.49
		56	5280		17.50	17.22
		60	5300		17.50	17.28
	802.11n20-HTT	52	5260	MCS0	17.50	17.30
		56	5280		17.50	17.29
		60	5300		17.50	17.48
	802.11ac20-VHT0	52	5260	MCS0	17.50	17.24
		56	5280		17.50	17.25
		60	5300		17.50	17.31
	802.11ax20-HE0	52	5260	MCS0	17.50	17.28
		56	5280		17.50	17.27
		60	5300		17.50	17.29
802.11n40-HTT	52	5260	MCS0	17.50	17.33	
	54	5270		17.50	16.72	
	54	5270		17.50	16.88	
802.11ac40-VHT0	52	5260	MCS0	17.50	16.88	
	54	5270		17.50	16.77	
	54	5270		17.50	16.88	
802.11ax40-HE0	52	5260	MCS0	17.50	16.73	
	58	5290		17.50	16.74	
	58	5290		17.50	16.68	

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	18.00	17.72
		56	5280		18.00	17.61
		60	5300		18.00	17.91
	802.11n20-HTT	52	5260	MCS0	18.00	17.85
		56	5280		18.00	17.75
		60	5300		18.00	17.72
	802.11ac20-VHT0	52	5260	MCS0	18.00	17.78
		56	5280		18.00	17.71
		60	5300		18.00	17.91
	802.11ax20-HE0	52	5260	MCS0	18.00	17.93
		56	5280		18.00	17.83
		60	5300		18.00	17.75
802.11n40-HTT	52	5260	MCS0	18.00	17.75	
	54	5270		18.00	17.22	
	54	5270		18.00	17.42	
802.11ac40-VHT0	52	5260	MCS0	18.00	17.28	
	54	5270		18.00	17.28	
	54	5270		18.00	17.42	
802.11ax40-HE0	52	5260	MCS0	18.00	17.36	
	58	5290		18.00	17.25	
	58	5290		18.00	17.34	

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 Mhz	802.11a	100	5500	6Mbps	18.00	17.71
		116	5580		18.00	17.90
		120	5600		18.00	17.90
	802.11n20-HTT	100	5500	MCS0	18.00	17.84
		116	5580		18.00	17.86
		120	5600		18.00	17.85
	802.11ac20-VHT0	100	5500	MCS0	18.00	17.78
		116	5580		18.00	17.79
		120	5600		18.00	17.90
	802.11ax20-HE0	100	5500	MCS0	18.00	17.91
		116	5580		18.00	17.91
		120	5600		18.00	17.88
802.11n40-HTT	100	5500	MCS0	18.00	17.79	
	102	5510		18.00	17.79	
	118	5590		18.00	17.85	
802.11ac40-VHT0	100	5500	MCS0	18.00	17.91	
	102	5510		18.00	17.79	
	110	5550		18.00	17.73	
802.11ax40-HE0	100	5500	MCS0	18.00	17.82	
	102	5510		18.00	17.82	
	106	5530		18.00	17.86	
802.11ax80-VHT0	102	5510	MCS0	18.00	17.28	
	106	5530		18.00	17.28	
	108	5540		18.00	17.28	
802.11ax80-HE0	102	5510	MCS0	18.00	17.25	
	108	5540		18.00	17.25	
	108	5540		18.00	17.81	

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 Mhz	802.11a	100	5500	6Mbps	18.00	17.96
		116	5580		18.00	17.77
		120	5600		18.00	17.87
	802.11n20-HTT	100	5500	MCS0	18.00	17.98
		116	5580		18.00	17.88
		120	5600		18.00	17.77
	802.11ac20-VHT0	100	5500	MCS0	18.00	17.82
		116	5580		18.00	17.90
		120	5600		18.00	17.97
	802.11ax20-HE0	100	5500	MCS0	18.00	17.97
		116	5580		18.00	17.88
		120	5600		18.00	17.77
802.11n40-HTT	100	5500	MCS0	18.00	17.81	
	102	5510		18.00	17.20	
	118	5590		18.00	17.30	
802.11ac40-VHT0	100	5500	MCS0	18.00	17.91	
	102	5510		18.00	17.42	
	110	5550		18.00	17.34	
802.11ax40-HE0	100	5500	MCS0	18.00	17.90	
	102	5510		18.00	17.37	
	106	5530		18.00	17.31	
802.11ax80-VHT0	102	5510	MCS0	18.00	17.24	
	106	5530		18.00	17.46	
	108	5540		18.00	17.28	
802.11ax80-HE0	102	5510	MCS0	18.00	17.28	
	108	5540		18.00	17.48	
	108	5540		18.00	17.41	

Chain 0						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 Mhz	802.11a	149	5745	6Mbps	18.00	17.92
		157	5785		18.00	17.85
		165	5825		18.00	17.74
	802.11n20-HTT	149	5745	MCS0	18.00	17.75
		157	5785		18.00	17.83
		165	5825		18.00	17.80
	802.11ac20-VHT0	149	5745	MCS0	18.00	17.92
		157	5785		18.00	17.83
		165	5825		18.00	17.75
	802.11ax20-HE0	149	5745	MCS0	18.00	17.97
		157	5785		18.00	17.86
		165	5825		18.00	17.89
802.11n40-HTT	149	5745	MCS0	18.00	17.82	
	151	5755		18.00	17.82	
	159	5795		18.00	17.86	
802.11ac40-VHT0	149	5745	MCS0	18.00	17.84	
	151	5755		18.00	17.84	
	159	5795		18.00	17.80	
802.11ax40-HE0	149	5745	MCS0	18.00	17.76	
	151	5755		18.00	17.81	
	159	5795		18.00	17.81	
802.11ax80-VHT0	155	5775	MCS0	18.00	17.78	
	155	5775		18.00	17.86	
	155	5775		18.00	17.86	

Chain 1						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 Mhz	802.11a	149	5745	6Mbps	17.50	17.45
		157	5785		17.50	17.28
		165	5825		17.50	17.21
	802.11n20-HTT	149	5745	MCS0	17.50	17.27
		157	5785		17.50	17.26
		165	5825		17.50	17.28
	802.11ac20-VHT0	149	5745	MCS0	17.50	17.31
		157	5785		17.50	17.45
		165	5825		17.50	17.34
	802.11ax20-HE0	149	5745	MCS0	17.50	17.42
		157	5785		17.50	17.22
		165	5825		17.50	17.19
802.11n40-HTT	149	5745	MCS0	17.50	17.37	
	151	5755		17.50	17.45	
	159	5795		17.50	17.38	
802.11ac40-VHT0	149	5745	MCS0	17.50	17.32	
	151	5755		17.50	17.32	
	159	5795		17.50	17.27	
802.11ax40-HE0	149	5745	MCS0	17.50	17.27	
	151	5755		17.50	17.27	
	159	5795		17.50	17.28	
802.11ax80-VHT0	155	5775	MCS0	17.50	17.48	



### MIMO+DBS\_Calling

Chain 0							Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	16.50	16.45	2450 MHz	802.11b	1	2412	1Mbps	16.50	16.13
		6	2437	1Mbps	16.50	16.38			6	2437	1Mbps	16.50	16.41
	802.11g	1	2412	6Mbps	16.50	16.42		802.11g	1	2412	6Mbps	16.50	16.37
		6	2437	6Mbps	16.50	16.25			6	2437	6Mbps	16.50	16.28
	802.11a20-HTO	3	2427	MCSS0	16.50	16.35		802.11a20-HTO	3	2427	MCSS0	16.50	16.24
		11	2462	MCSS0	16.50	16.40			11	2462	MCSS0	16.50	16.42
	802.11a20-HEO	1	2412	MCSS0	16.50	16.25		802.11a20-HEO	1	2412	MCSS0	16.50	16.20
		6	2437	MCSS0	16.50	16.38			6	2437	MCSS0	16.50	16.31
	802.11n40-HTO	3	2422	MCSS0	16.50	16.28		802.11n40-HTO	3	2422	MCSS0	16.50	16.25
		6	2437	MCSS0	16.50	16.41			6	2437	MCSS0	16.50	16.25
	802.11n40-HEO	1	2412	MCSS0	16.50	16.25		802.11n40-HEO	1	2412	MCSS0	16.50	16.19
		6	2437	MCSS0	16.50	16.38			6	2437	MCSS0	16.50	16.24
802.11ax40-HEO	1	2412	MCSS0	16.50	16.25	802.11ax40-HEO	1	2412	MCSS0	16.50	16.18		
	6	2437	MCSS0	16.50	16.32		6	2437	MCSS0	16.50	16.49		

Chain 0							Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	13.00	12.81	5.15-5.25 GHz	802.11a	36	5180	6Mbps	14.50	14.29
		40	5200	6Mbps	13.00	12.86			40	5200	6Mbps	14.50	14.38
	802.11a20-HTO	44	5220	MCSS0	13.00	12.95		802.11a20-HTO	44	5220	MCSS0	14.50	14.21
		48	5240	MCSS0	13.00	12.82			48	5240	MCSS0	14.50	14.36
	802.11a20-VHTO	36	5180	MCSS0	13.00	12.95		802.11a20-VHTO	36	5180	MCSS0	14.50	14.16
		44	5220	MCSS0	13.00	12.84			44	5220	MCSS0	14.50	14.29
	802.11a40-HEO	36	5180	MCSS0	13.00	12.82		802.11a40-HEO	36	5180	MCSS0	14.50	14.43
		44	5220	MCSS0	13.00	12.95			44	5220	MCSS0	14.50	14.26
	802.11n40-HTO	36	5180	MCSS0	13.00	12.90		802.11n40-HTO	36	5180	MCSS0	14.50	14.42
		40	5200	MCSS0	13.00	12.87			40	5200	MCSS0	14.50	14.24
	802.11n40-HEO	36	5180	MCSS0	13.00	12.82		802.11n40-HEO	36	5180	MCSS0	14.50	14.11
		40	5200	MCSS0	13.00	12.77			40	5200	MCSS0	14.50	14.31
802.11ax40-HEO	36	5180	MCSS0	13.00	12.95	802.11ax40-HEO	36	5180	MCSS0	14.50	14.46		
	40	5200	MCSS0	13.00	12.86		40	5200	MCSS0	14.50	14.29		
802.11ax40-VHTO	36	5180	MCSS0	13.00	12.90	802.11ax40-VHTO	36	5180	MCSS0	14.50	14.20		
	40	5200	MCSS0	13.00	12.85		40	5200	MCSS0	14.50	14.31		
802.11ax80-VHTO	42	5210	MCSS0	12.50	12.38	802.11ax80-VHTO	42	5210	MCSS0	14.00	13.81		
	42	5210	MCSS0	12.50	12.25		42	5210	MCSS0	14.00	13.67		

Chain 0							Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5280	6Mbps	13.50	13.39	5.25-5.35 GHz	802.11a	52	5280	6Mbps	16.00	15.82
		56	5300	6Mbps	13.50	13.47			56	5300	6Mbps	16.00	15.96
	802.11a20-HTO	64	5320	MCSS0	13.50	13.31		802.11a20-HTO	64	5320	MCSS0	16.00	15.85
		68	5340	MCSS0	13.50	13.44			68	5340	MCSS0	16.00	15.83
	802.11a20-VHTO	52	5280	MCSS0	13.50	13.39		802.11a20-VHTO	52	5280	MCSS0	16.00	15.72
		60	5300	MCSS0	13.50	13.44			60	5300	MCSS0	16.00	15.81
	802.11a40-HEO	52	5280	MCSS0	13.50	13.26		802.11a40-HEO	52	5280	MCSS0	16.00	15.87
		60	5300	MCSS0	13.50	13.17			60	5300	MCSS0	16.00	15.99
	802.11n40-HTO	52	5280	MCSS0	13.00	12.95		802.11n40-HTO	52	5280	MCSS0	16.00	15.89
		56	5300	MCSS0	13.00	12.84			56	5300	MCSS0	16.00	15.82
	802.11n40-HEO	52	5280	MCSS0	13.00	12.71		802.11n40-HEO	52	5280	MCSS0	16.00	15.31
		56	5300	MCSS0	13.00	12.84			56	5300	MCSS0	16.00	15.33
802.11ax40-HEO	52	5280	MCSS0	13.00	12.85	802.11ax40-HEO	52	5280	MCSS0	16.00	15.39		
	56	5300	MCSS0	13.00	12.88		56	5300	MCSS0	16.00	15.43		
802.11ax80-HEO	58	5310	MCSS0	12.50	12.25	802.11ax80-HEO	58	5310	MCSS0	15.50	15.37		
	58	5310	MCSS0	12.50	12.25		58	5310	MCSS0	15.50	15.37		

Chain 0							Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5600	6Mbps	10.50	10.38	5600 MHz	802.11a	100	5600	6Mbps	16.50	16.46
		110	5620	6Mbps	10.50	10.18			110	5620	6Mbps	16.50	16.27
	802.11a20-HTO	120	5660	MCSS0	10.50	10.28		802.11a20-HTO	120	5660	MCSS0	16.50	16.37
		140	5700	MCSS0	10.50	10.45			140	5700	MCSS0	16.50	16.38
	802.11a20-VHTO	100	5600	MCSS0	10.50	10.38		802.11a20-VHTO	100	5600	MCSS0	16.50	16.28
		110	5620	MCSS0	10.50	10.27			110	5620	MCSS0	16.50	16.28
	802.11a40-HEO	100	5600	MCSS0	10.50	10.34		802.11a40-HEO	100	5600	MCSS0	16.50	16.28
		110	5620	MCSS0	10.50	10.48			110	5620	MCSS0	16.50	16.32
	802.11n40-HTO	100	5600	MCSS0	10.00	9.84		802.11n40-HTO	100	5600	MCSS0	16.50	16.34
		110	5620	MCSS0	10.00	9.68			110	5620	MCSS0	16.50	16.25
	802.11n40-HEO	100	5600	MCSS0	10.00	9.75		802.11n40-HEO	100	5600	MCSS0	16.50	16.27
		110	5620	MCSS0	10.00	9.87			110	5620	MCSS0	16.50	16.33
802.11ax40-HEO	100	5600	MCSS0	10.00	9.85	802.11ax40-HEO	100	5600	MCSS0	16.50	16.29		
	110	5620	MCSS0	10.00	9.92		110	5620	MCSS0	16.50	16.34		
802.11ax80-VHTO	120	5660	MCSS0	10.00	9.77	802.11ax80-VHTO	120	5660	MCSS0	16.00	15.69		
	140	5700	MCSS0	10.00	9.73		140	5700	MCSS0	16.00	15.89		
802.11ax80-HEO	120	5660	MCSS0	10.00	9.72	802.11ax80-HEO	120	5660	MCSS0	16.00	15.78		
	140	5700	MCSS0	10.00	9.78		140	5700	MCSS0	16.00	15.85		
802.11ax160-HEO	122	5670	MCSS0	10.00	9.78	802.11ax160-HEO	122	5670	MCSS0	16.00	15.95		
	138	5690	MCSS0	10.00	9.73		138	5690	MCSS0	16.00	15.75		

Chain 0							Chain 1						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	148	5745	6Mbps	12.00	11.91	5800 MHz	802.11a	148	5745	6Mbps	16.50	16.33
		152	5765	6Mbps	12.00	11.82			152	5765	6Mbps	16.50	16.19
	802.11a20-HTO	148	5745	MCSS0	12.00	11.77		802.11a20-HTO	148	5745	MCSS0	16.50	16.46
		152	5765	MCSS0	12.00	11.84			152	5765	MCSS0	16.50	16.29
	802.11a20-VHTO	148	5745	MCSS0	12.00	11.77		802.11a20-VHTO	148	5745	MCSS0	16.50	16.28
		152	5765	MCSS0	12.00	11.83			152	5765	MCSS0	16.50	16.31
	802.11a40-HEO	148	5745	MCSS0	12.00	11.79		802.11a40-HEO	148	5745	MCSS0	16.50	16.26
		152	5765	MCSS0	12.00	11.87			152	5765	MCSS0	16.50	16.30
	802.11n40-HTO	151	5785	MCSS0	12.00	11.91		802.11n40-HTO	151	5785	MCSS0	16.50	16.49
		155	5805	MCSS0	12.00	11.87			155	5805	MCSS0	16.50	16.27
	802.11n40-HEO	151	5785	MCSS0	12.00	11.95		802.11n40-HEO	151	5785	MCSS0	16.50	16.35
		155	5805	MCSS0	12.00	11.97			155	5805	MCSS0	16.50	16.39
802.11ax40-HEO	151	5785	MCSS0	12.00	11.91	802.11ax40-HEO	151	5785	MCSS0	16.50	16.27		
	155	5805	MCSS0	12.00	11.73		155	5805	MCSS0	16.50	16.23		
802.11ax80-HEO	155	5795	MCSS0	12.00	11.74	802.11ax80-HEO	155	5795	MCSS0	16.50	16.30		
	155	5795	MCSS0	12.00	11.74		155	5795	MCSS0	16.50	16.30		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### MIMO+DBS\_Camera

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	16.00	15.95
		6	2437	1Mbps	16.00	15.73
		11	2462	1Mbps	16.00	15.92
	802.11g	1	2412	6Mbps	16.00	15.84
		6	2437	6Mbps	16.00	15.59
		11	2462	6Mbps	16.00	15.80
	802.11a20-HTD	1	2412	MCSSO	16.00	15.79
		6	2437	MCSSO	16.00	15.80
		11	2462	MCSSO	16.00	15.84
	802.11a20-HEO	1	2412	MCSSO	16.00	15.92
		6	2437	MCSSO	16.00	15.92
		11	2462	MCSSO	16.00	15.94
802.11a40-HTD	1	2412	MCSSO	16.00	15.71	
	6	2437	MCSSO	16.00	15.87	
	11	2462	MCSSO	16.00	15.79	
802.11a40-HEO	1	2412	MCSSO	16.00	15.83	
	6	2437	MCSSO	16.00	15.84	
	11	2462	MCSSO	16.00	15.84	

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	16.00	15.89
		6	2437	1Mbps	16.00	15.91
		11	2462	1Mbps	16.00	15.92
	802.11g	1	2412	6Mbps	16.00	15.86
		6	2437	6Mbps	16.00	15.67
		11	2462	6Mbps	16.00	15.87
	802.11a20-HTD	1	2412	MCSSO	16.00	15.84
		6	2437	MCSSO	16.00	15.73
		11	2462	MCSSO	16.00	15.80
	802.11a20-HEO	1	2412	MCSSO	16.00	15.77
		6	2437	MCSSO	16.00	15.90
		11	2462	MCSSO	16.00	15.90
802.11a40-HTD	1	2412	MCSSO	16.00	15.53	
	6	2437	MCSSO	16.00	15.81	
	11	2462	MCSSO	16.00	15.94	
802.11a40-HEO	1	2412	MCSSO	16.00	15.79	
	6	2437	MCSSO	16.00	15.79	
	11	2462	MCSSO	16.00	15.82	

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	38	5188	6Mbps	13.50	13.32
		40	5200	6Mbps	13.50	13.30
		44	5220	6Mbps	13.50	13.30
	802.11a20-HTD	38	5188	MCSSO	13.50	13.48
		40	5200	MCSSO	13.50	13.21
		44	5220	MCSSO	13.50	13.31
	802.11a20-VHTD	38	5188	MCSSO	13.50	13.16
		40	5200	MCSSO	13.50	13.29
		44	5220	MCSSO	13.50	13.40
	802.11a20-HEO	38	5188	MCSSO	13.50	13.31
		40	5200	MCSSO	13.50	13.37
		44	5220	MCSSO	13.50	13.40
	802.11a40-HTD	38	5188	MCSSO	13.50	13.32
		40	5200	MCSSO	13.50	13.38
		44	5220	MCSSO	13.50	13.34
	802.11a40-VHTD	38	5188	MCSSO	13.50	13.34
		40	5200	MCSSO	13.50	13.35
		44	5220	MCSSO	13.50	13.35
	802.11a80-HEO	42	5210	MCSSO	13.00	12.72
		42	5210	MCSSO	13.00	12.72
		42	5210	MCSSO	13.00	12.72

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	38	5188	6Mbps	14.00	13.83
		40	5200	6Mbps	14.00	13.93
		44	5220	6Mbps	14.00	13.93
	802.11a20-HTD	38	5188	MCSSO	14.00	13.81
		40	5200	MCSSO	14.00	13.83
		44	5220	MCSSO	14.00	13.83
	802.11a20-VHTD	38	5188	MCSSO	14.00	13.76
		40	5200	MCSSO	14.00	13.86
		44	5220	MCSSO	14.00	13.89
	802.11a20-HEO	38	5188	MCSSO	14.00	13.82
		40	5200	MCSSO	14.00	13.82
		44	5220	MCSSO	14.00	13.84
	802.11a40-HTD	38	5188	MCSSO	14.00	13.81
		40	5200	MCSSO	14.00	13.81
		44	5220	MCSSO	14.00	13.81
	802.11a40-VHTD	38	5188	MCSSO	14.00	13.81
		40	5200	MCSSO	14.00	13.81
		44	5220	MCSSO	14.00	13.81
	802.11a80-HEO	42	5210	MCSSO	13.50	13.14
		42	5210	MCSSO	13.50	13.14
		42	5210	MCSSO	13.50	13.14

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.50	15.48
		56	5280	6Mbps	15.50	15.29
		60	5300	6Mbps	15.50	15.31
	802.11a20-HTD	52	5260	MCSSO	15.50	15.18
		56	5280	MCSSO	15.50	15.28
		60	5300	MCSSO	15.50	15.31
	802.11a20-VHTD	52	5260	MCSSO	15.50	15.33
		56	5280	MCSSO	15.50	15.28
		60	5300	MCSSO	15.50	15.28
	802.11a20-HEO	52	5260	MCSSO	15.50	15.42
		56	5280	MCSSO	15.50	15.45
		60	5300	MCSSO	15.50	15.36
	802.11a40-HTD	54	5270	MCSSO	15.00	14.72
		54	5270	MCSSO	15.00	14.77
		54	5270	MCSSO	15.00	14.77
	802.11a40-VHTD	54	5270	MCSSO	15.00	14.86
		54	5270	MCSSO	15.00	14.86
		54	5270	MCSSO	15.00	14.86
	802.11a80-HEO	58	5290	MCSSO	15.00	14.90
		58	5290	MCSSO	15.00	14.91
		58	5290	MCSSO	15.00	14.91

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.50	15.22
		56	5280	6Mbps	15.50	15.19
		60	5300	6Mbps	15.50	15.24
	802.11a20-HTD	52	5260	MCSSO	15.50	15.20
		56	5280	MCSSO	15.50	15.28
		60	5300	MCSSO	15.50	15.28
	802.11a20-VHTD	52	5260	MCSSO	15.50	15.21
		56	5280	MCSSO	15.50	15.21
		60	5300	MCSSO	15.50	15.21
	802.11a20-HEO	52	5260	MCSSO	15.50	15.22
		56	5280	MCSSO	15.50	15.29
		60	5300	MCSSO	15.50	15.29
	802.11a40-HTD	54	5270	MCSSO	15.00	15.20
		54	5270	MCSSO	15.00	15.20
		54	5270	MCSSO	15.00	15.20
	802.11a40-VHTD	54	5270	MCSSO	15.00	15.24
		54	5270	MCSSO	15.00	15.24
		54	5270	MCSSO	15.00	15.24
	802.11a80-HEO	58	5290	MCSSO	15.00	15.25
		58	5290	MCSSO	15.00	15.25
		58	5290	MCSSO	15.00	15.25

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5600	6Mbps	16.00	15.89
		116	5680	6Mbps	16.00	15.89
		132	5760	6Mbps	16.00	15.74
	802.11a20-HTD	100	5600	MCSSO	16.00	15.87
		116	5680	MCSSO	16.00	15.84
		132	5760	MCSSO	16.00	15.83
	802.11a20-VHTD	100	5600	MCSSO	16.00	15.95
		116	5680	MCSSO	16.00	15.88
		132	5760	MCSSO	16.00	15.99
	802.11a20-HEO	100	5600	MCSSO	16.00	15.91
		116	5680	MCSSO	16.00	15.90
		132	5760	MCSSO	16.00	15.93
	802.11a40-HTD	116	5680	MCSSO	16.00	15.82
		132	5760	MCSSO	16.00	15.87
		148	5840	MCSSO	16.00	15.87
	802.11a40-VHTD	116	5680	MCSSO	16.00	15.81
		132	5760	MCSSO	16.00	15.84
		148	5840	MCSSO	16.00	15.78
	802.11a40-HEO	116	5680	MCSSO	16.00	15.78
		132	5760	MCSSO	16.00	15.83
		148	5840	MCSSO	16.00	15.85
	802.11a80-VHTD	122	5810	MCSSO	16.00	15.97
		138	5890	MCSSO	16.00	15.99
		154	5970	MCSSO	16.00	15.71
802.11a80-HEO	122	5810	MCSSO	16.00	15.79	
	138	5890	MCSSO	16.00	15.83	
	154	5970	MCSSO	16.00	15.83	

Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5600	6Mbps	16.00	15.98
		116	5680	6Mbps	16.00	15.81
		132	5760	6Mbps	16.00	15.90
	802.11a20-HTD	100	5600	MCSSO	16.00	15.70
		116	5680	MCSSO	16.00	15.70
		132	5760	MCSSO	16.00	15.70
	802.11a20-VHTD	100	5600	MCSSO	16.00	15.81
		116	5680	MCSSO	16.00	15.81
		132	5760	MCSSO	16.00	15.81
	802.11a20-HEO	100	5600	MCSSO	16.00	15.88
		116	5680	MCSSO	16.00	15.90
		132	5760	MCSSO	16.00	15.90
	802.11a40-HTD	116	5680	MCSSO	15.50	15.32
		132	5760	MCSSO	15.50	15.32
		148	5840	MCSSO	15.50	15.32
	802.11a40-VHTD	116	5680	MCSSO	15.50	15.32
		132	5760	MCSSO	15.50	15.32
		148	5840	MCSSO	15.50	15.32
	802.11a40-HEO	116	5680	MCSSO	15.50	15.32
		132	5760	MCSSO	15.50	15.32
		148	5840	MCSSO	15.50	15.32
	802.11a80-VHTD	122	5810	MCSSO	15.50	15.31
		138	5890	MCSSO	15.50	15.46
		154	5970	MCSSO	15.50	15.39
802.11a80-HEO	122	5810	MCSSO	15.50	15.12	
	138	5890	MCSSO	15.50	15.12	
	154	5970	MCSSO	15.50	15.12	

**Bluetooth maximum power table:**

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	10.00	9.55	10.00	8.40	10.00	8.48
	CH 39	2441	10.00	9.99	10.00	9.05	10.00	9.03
	CH 78	2480	10.00	8.96	10.00	7.03	10.00	7.02

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
LE_1M	CH 37	2402	10.50	10.12
	CH 18	2442	10.50	10.44
	CH 39	2480	10.50	10.42

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
LE_2M	CH 37	2402	10.50	10.01
	CH 18	2442	10.50	10.15
	CH 39	2480	10.50	9.02

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### 1.3.1 LTE Downlink CA

#### LTE Downlink 2CA conducted power table

Full power

Two Component Carrier Maximum Conducted Power															
PCC								SCC				Full power (dBm)		Configurations	
UL				DL				DL				DL CA active	DL CA inactive		
LTE Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Channel	Frequency [MHz]	Channel	Frequency [MHz]	LTE Band	Bandwidth [MHz]	Channel			Frequency [MHz]	
4	20	QPSK	1	0	20050	1720	2050	2120	48	20	5590	3625	23.30	23.38	4A-48A
48	20	QPSK	1	0	56640	3690	56640	3690	4	20	2175	2132.5	23.77	23.99	4A-48A
5	10	QPSK	1	0	20525	836.5	2525	881.5	7	20	3100	2655	23.00	23.09	5A-7A
7	20	QPSK	1	99	21350	2560	3350	2680	5	10	2525	881.5	22.65	22.71	5A-7A
5	10	QPSK	1	0	20525	836.5	2525	881.5	25	20	8365	1962.5	23.05	23.09	5A-25A
25	20	QPSK	1	0	26140	1860	8140	1940	5	10	2525	881.5	23.50	23.58	5A-25A
5	10	QPSK	1	0	20525	836.5	2525	881.5	48	20	5590	3625	23.02	23.09	5A-48A
48	20	QPSK	1	0	56640	3690	56640	3690	5	10	2525	881.5	23.78	23.99	5A-48A
7	15	QPSK	1	74	20825	2507.5	2825	2627.5	7	5	2918	2636.8	22.55	22.64	7B
7	20	QPSK	1	99	20850	2510	2850	2630	7	20	3048	2649.8	22.65	22.70	7C
7	20	QPSK	1	99	21350	2560	3350	2680	7	20	3152	2660.2	22.49	22.71	7C
7	20	QPSK	1	99	20850	2510	2850	2630	7	20	3350	2680	22.60	22.70	7A-7A
7	20	QPSK	1	99	21350	2560	3350	2680	7	20	2850	2630	22.69	22.71	7A-7A
12	10	QPSK	1	0	23130	711	5130	741	25	20	8365	1962.5	22.87	22.92	12A-25A
25	20	QPSK	1	0	26140	1860	8140	1940	12	10	5095	737.5	23.55	23.58	12A-25A
38	20	QPSK	1	0	37850	2580	37850	2580	38	20	38048	2599.8	23.62	23.71	38C
38	20	QPSK	1	0	38150	2610	38150	2610	38	20	37952	2590.2	23.60	23.69	38C
41	20	QPSK	1	0	41490	2680	41490	2680	42	20	42590	3500	23.57	23.72	41A-42A
42	20	QPSK	1	99	43490	3590	43490	3590	41	20	40620	2593	23.80	23.84	41A-42A
41	20	QPSK	1	0	41490	2680	41490	2680	48	20	5590	3625	23.59	23.72	41A-48A
48	20	QPSK	1	0	56640	3690	56640	3690	41	20	40620	2593	23.92	23.99	41A-48A
42	20	QPSK	1	99	42590	3500	42590	3500	42	20	43490	3590	23.60	23.63	42A-42A
42	20	QPSK	1	99	43490	3590	43490	3590	42	20	41690	3410	23.78	23.84	42A-42A

Reduced power

Two Component Carrier Maximum Conducted Power															
PCC								SCC				Reduced power (dBm)		Configurations	
UL				DL				DL				DL CA active	DL CA inactive		
LTE Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Channel	Frequency [MHz]	Channel	Frequency [MHz]	LTE Band	Bandwidth [MHz]	Channel			Frequency [MHz]	
4	20	QPSK	1	0	20300	1745	2300	2145	48	20	5590	3625	21.78	21.98	4A-48A
5	10	QPSK	1	0	20525	836.5	2525	881.5	7	20	3100	2655	23.01	23.09	5A-7A
5	10	QPSK	1	0	20525	836.5	2525	881.5	25	20	8365	1962.5	23.05	23.09	5A-25A
25	20	QPSK	1	0	26140	1860	8140	1940	5	10	2525	881.5	20.93	20.99	5A-25A
5	10	QPSK	1	0	20525	836.5	2525	881.5	48	20	5590	3625	23.04	23.09	5A-48A
12	10	QPSK	1	0	23130	711	5130	741	25	20	8365	1962.5	20.79	20.98	12A-25A
25	20	QPSK	1	0	26140	1860	8140	1940	12	10	5095	737.5	20.85	20.99	12A-25A

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Reduced power

Three Component Carrier Maximum Conducted Power																				
PCC						DL				SCC 1				SCC 2				Reduced power (dBm)		Configurations
LTE Band	Bandwidth (MHz)	Modulation	RB	RB Offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	LTE Band	Bandwidth (MHz)	Channel	Frequency (MHz)	LTE Band	Bandwidth (MHz)	Channel	Frequency (MHz)	DL CA active	DL CA inactive		
4	20	OFDM	1	50	20300	1745	2300	2145	2	20	700	1940	2	20	1100	1880	21.94	21.98	2A-2A-4A	
5	10	OFDM	1	0	20525	836.5	2525	881.5	2	20	700	1940	2	20	898	1959.8	23.02	23.09	2C-5A	
12	10	OFDM	1	0	23130	711	5130	741	2	20	700	1940	2	20	898	1959.8	20.77	20.98	2C-12A	
13	10	OFDM	1	49	23230	782	5230	751	2	20	700	1940	2	20	1100	1880	23.34	23.40	2A-2A-13A	
71	20	OFDM	1	0	133372	688	68836	642	2	20	700	1940	2	20	1100	1880	23.41	23.45	2A-2A-71A	
4	20	OFDM	1	50	20300	1745	2300	2145	2	20	900	1960	5	10	2525	881.5	21.78	21.98	2A-4A-5A	
5	10	OFDM	1	0	20525	836.5	2525	881.5	2	20	900	1960	4	20	2175	2132.5	25.02	25.09	2A-4A-5A	
4	20	OFDM	1	50	20300	1745	2300	2145	2	20	900	1960	13	10	5230	751	21.90	21.98	2A-4A-13A	
13	10	OFDM	1	49	23230	782	5230	751	2	20	900	1960	4	20	2175	2132.5	25.22	25.40	2A-4A-13A	
4	20	OFDM	1	50	20300	1745	2300	2145	2	20	900	1960	20	10	9715	722.5	21.79	21.98	2A-4A-20A	
4	20	OFDM	1	50	20300	1745	2300	2145	2	20	900	1960	30	10	9830	735	21.78	21.98	2A-4A-30A	
30	10	OFDM	1	49	27710	2310	9820	2355	2	20	900	1960	4	20	2175	2132.5	20.88	20.98	2A-4A-30A	
30	10	OFDM	1	49	27710	2310	9820	2355	2	20	900	1960	66	20	66786	2145	20.74	20.98	2A-20A-66A	
66	20	OFDM	1	0	132322	1745	66786	2145	2	20	900	1960	30	10	9820	735	21.90	21.99	2A-20A-66A	
66	20	OFDM	1	0	132322	1745	66786	2145	2	20	900	1960	48	20	55990	3025	21.87	21.99	2A-20A-66A	
66	10	OFDM	1	0	132022	1715	66486	2115	66	10	66585	2124.9	5	20	300	1960	21.78	21.31	2A-66A-66A	
66	10	OFDM	1	0	132022	1715	66486	2115	66	10	67185	2184.9	5	20	300	1960	21.78	21.95	2A-66A	
66	20	OFDM	1	1	132022	1745	66786	2145	4	20	700	1940	2	20	898	1959.8	21.78	21.99	2C-66A	
4	20	OFDM	1	0	20050	1720	2050	2120	4	20	2300	2145	5	10	2525	881.5	21.80	21.83	4A-4A-5A	
4	20	OFDM	1	0	20050	1745	2300	2145	4	20	2050	2120	5	10	2525	881.5	21.92	21.94	4A-4A-5A	
5	10	OFDM	1	0	20525	836.5	2525	881.5	4	20	2050	2120	4	20	2300	2145	22.99	23.09	4A-4A-5A	
4	20	OFDM	1	0	20050	1720	2050	2120	4	20	2300	2145	13	10	5230	751	21.79	21.83	4A-4A-13A	
4	20	OFDM	1	0	20050	1745	2300	2145	4	20	2050	2120	13	10	5230	751	21.78	21.94	4A-4A-13A	
13	10	OFDM	1	49	23230	782	5230	751	4	20	2050	2120	4	20	2300	2145	23.32	23.40	4A-4A-13A	
4	20	OFDM	1	0	20050	1720	2050	2120	4	20	2300	2145	71	20	63786	637	21.79	21.83	4A-4A-71A	
4	20	OFDM	1	0	20050	1745	2300	2145	4	20	2050	2120	71	20	63786	637	21.86	21.94	4A-4A-71A	
71	20	OFDM	1	0	133372	688	68836	642	4	20	2050	2120	4	20	2300	2145	23.34	23.45	4A-4A-71A	
4	20	OFDM	1	0	20050	1720	2050	2120	4	20	2300	2145	29	10	9715	722.5	21.75	21.83	4A-4A-29A	
4	20	OFDM	1	0	20300	1745	2300	2145	4	20	2050	2120	29	10	9715	722.5	21.75	21.94	4A-4A-29A	
4	20	OFDM	1	0	20050	1720	2050	2120	4	20	2300	2145	30	10	9830	735	21.70	21.83	4A-4A-30A	
4	20	OFDM	1	0	20300	1745	2300	2145	4	20	2050	2120	30	10	9830	735	21.81	21.94	4A-4A-30A	
30	10	OFDM	1	49	27710	2310	9820	2355	4	20	2050	2120	4	20	2300	2145	20.81	20.98	4A-4A-30A	
4	20	OFDM	1	0	20050	1720	2050	2120	5	10	2525	881.5	30	10	9820	735	21.74	21.83	4A-5A-30A	
5	10	OFDM	1	0	20525	836.5	2525	881.5	4	20	2175	2132.5	30	10	9820	735	23.02	23.09	4A-5A-30A	
30	10	OFDM	1	49	27710	2310	9820	2355	4	20	2175	2132.5	5	10	2525	881.5	20.66	20.98	4A-5A-30A	
4	20	OFDM	1	0	20050	1720	2050	2120	12	10	5095	737.5	30	10	9820	735	21.73	21.83	4A-12A-30A	
12	10	OFDM	1	0	23130	711	5130	741	4	20	2175	2132.5	30	10	9820	735	20.82	20.98	4A-12A-30A	
30	10	OFDM	1	49	27710	2310	9820	2355	4	20	2175	2132.5	12	10	5095	737.5	20.89	20.98	4A-12A-30A	
4	20	OFDM	1	0	20050	1720	2050	2120	29	10	9715	722.5	30	10	9820	735	21.70	21.83	4A-29A-30A	
30	10	OFDM	1	49	27710	2310	9820	2355	4	20	2175	2132.5	29	10	9715	722.5	20.79	20.98	4A-29A-30A	
4	20	OFDM	1	0	20050	1720	2050	2120	48	20	53340	3560	48	20	55538	3579.8	21.73	21.83	4A-48C	
5	10	OFDM	1	0	20450	829	2450	874	5	10	2600	889	66	20	66786	2145	22.98	23.03	5A-5A-66A	
5	10	OFDM	1	0	20600	844	2600	889	5	10	2450	874	66	20	66786	2145	22.79	22.98	5A-5A-66A	
66	20	OFDM	1	0	132322	1745	66786	2145	5	10	2600	889	5	10	2450	874	21.80	21.99	5A-5A-66A	
5	10	OFDM	1	0	20525	836.5	2525	881.5	48	20	53340	3560	48	20	55538	3579.8	22.99	23.09	5A-48C	
5	10	OFDM	1	0	20525	836.5	2525	881.5	66	10	66486	2115	66	10	66585	2124.9	22.81	23.09	5A-66B	
66	10	OFDM	1	0	132022	1715	66486	2115	66	10	66585	2124.9	5	10	2450	874	21.24	21.31	5A-66B	
66	10	OFDM	1	0	132022	1715	66486	2115	66	10	67185	2184.9	5	10	2450	874	21.78	21.95	5A-66B	
5	10	OFDM	1	0	20525	836.5	2525	881.5	66	20	66536	2120	66	20	66734	2139.8	25.00	25.09	5A-66C	
66	20	OFDM	1	0	132072	1720	66536	2120	66	20	66734	2139.8	5	10	2450	874	21.83	21.96	5A-66C	
66	20	OFDM	1	0	132572	1770	67036	2170	66	20	67234	2189.8	5	10	2450	874	21.75	21.83	5A-66C	
13	10	OFDM	1	49	23230	782	5230	751	48	20	53340	3560	48	20	56640	3600	23.20	23.40	13A-48A-48A	
13	10	OFDM	1	49	23230	782	5230	751	2	20	900	1960	66	20	66786	2145	23.25	23.40	13A-66A-2A	
66	20	OFDM	1	0	132322	1745	66786	2145	13	10	5230	751	2	20	900	1960	21.83	21.99	13A-66A-2A	
13	10	OFDM	1	49	23230	782	5230	751	66	20	66536	2120	66	20	67036	2170	23.20	23.40	13A-66A-66A	
66	20	OFDM	1	0	132072	1720	66536	2120	66	20	67036	2170	13	10	5230	751	21.89	21.96	13A-66A-66A	
66	20	OFDM	1	0	132322	1745	66786	2145	66	20	66536	2120	13	10	5230	751	21.79	21.83	13A-66A-66A	
13	10	OFDM	1	49	23230	782	5230	751	66	10	66486	2115	66	10	66585	2124.9	23.20	23.40	13A-66B	
66	10	OFDM	1	0	132022	1715	66486	2115	66	10	66585	2124.9	13	10	5230	751	21.19	21.31	13A-66B	
66	10	OFDM	1	0	132022	1715	66486	2115	66	10	67185	2184.9	13	10	5230	751	21.86	21.95	13A-66B	
13	10	OFDM	1	49	23230	782	5230	751	66	20	66536	2120	66	20	66734	2139.8	23.32	23.40	13A-66C	
66	20	OFDM	1	0	132072	1720	6													











## LTE Downlink MIMO conducted power table

### Full power

DL MIMO maximum power verification								
PCC							Full power (dBm)	
UL							DL MIMO active	DL MIMO inactive
Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Frequency [MHz]	Channel		
LTE B2	20	QPSK	1	0	1900	19100	23.49	23.56
LTE B7	20	QPSK	1	99	2560	21350	22.56	22.71
LTE B38	20	QPSK	1	0	2580	37850	23.66	23.71
LTE B41	20	QPSK	1	0	2680	41490	23.67	23.72
LTE B66	20	QPSK	1	0	1745	132322	23.49	23.57

### Reduced power

DL MIMO maximum power verification								
PCC							Reduced power (dBm)	
UL							DL MIMO active	DL MIMO inactive
Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Frequency [MHz]	Channel		
LTE B66	20	QPSK	1	0	1745	132322	21.82	21.99

LTE SAR for DL 4x4 MIMO is excluded from testing because the highest UL output with DL MIMO is  $< \frac{1}{4}$  dB higher than the highest UL output power configuration without DL MIMO.

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### A) LTE downlink CA information

The device supports a maximum of 5 carriers in the downlink. Other Release 10 features or higher features are not supported, including Enhanced SC-FDMA and Uplink MIMO or other antenna diversity configurations etc. All uplink communications are identical to the Release 8 Specifications.

The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.521-1 V16.5.0. The conducted power measurement results of downlink LTE CA are provided as above per 3GPP TS 36.521-1 V16.5.0. According to KDB 941225 D05A and RF exposure procedures in TCB workshop April 2018, the downlink LTE CA SAR test is not required.

### B) Downlink CA combination table

Index	SC	Restriction	Completely Covered by Measurement Superset	Index	SC	Restriction	Completely Covered by Measurement Superset	Index	SC	Restriction	Completely Covered by Measurement Superset	Index	SC	Restriction	Completely Covered by Measurement Superset
SCC #1	2A-2A		SCC #1	2A-2A-4A		No	4CC #1	2A-48A-48E	No	SCC #1	2A-48E-48E	SCC #1	2A-48E-48E		No
SCC #2	2C		SCC #3	2A-2A-5A		4CC #5	4CC #2	2A-48D	No	SCC #2	2A-48A-48D	SCC #2	2A-48A-48D		No
SCC #3	2A-4A		SCC #1	2C-5A		No	4CC #3	4A-48D	No	SCC #3	2A-48E	SCC #3	2A-48E		No
SCC #4	2A-5A		SCC #2	2A-2A-12A		4CC #7	4CC #4	5A-48D	No	SCC #4	4A-48E	SCC #4	4A-48E		No
SCC #5	2A-12A		SCC #4	2C-12A		No	4CC #5	2A-2A-5A-30A	No	SCC #5	13A-48A-48D	SCC #5	13A-48A-48D		No
SCC #6	2A-13A		SCC #7	2A-5B		4CC #13	4CC #6	2A-2A-5A-66A	No	SCC #6	13A-48E-48E	SCC #6	13A-48E-48E		No
SCC #7	2A-20A	R29 SCC only	SCC #5	2A-2A-13A		No	4CC #7	2A-2A-12A-30A	No	SCC #7	13A-48E	SCC #7	13A-48E		No
SCC #8	2A-30A		SCC #9	2A-2A-20A	R29 SCC only	4CC #9	4CC #8	2A-2A-12A-66A	No	SCC #8	25A-25A-41D	SCC #8	25A-25A-41D		No
SCC #9	2A-48A		SCC #21	2A-2A-30A		4CC #9	4CC #9	2A-2A-29A-30A	R29 SCC only	SCC #9	25A-41E	SCC #9	25A-41E		No
SCC #10	2A-66A		SCC #22	2A-2A-66A		4CC #8	4CC #10	2A-2A-66A-66A	No	SCC #10	41D-42C	SCC #10	41D-42C		No
SCC #11	2A-71A		SCC #26	2A-2A-71A		No	4CC #11	2A-2A-66C	No	SCC #11	48A-66D-66A	SCC #11	48A-66D-66A		No
SCC #12	4A-4A		SCC #31	2A-4A-4A		4CC #12	4CC #12	2A-4A-4A-12A	No	SCC #12	48A-48E-66C	SCC #12	48A-48E-66C		No
SCC #13	4A-5A		SCC #31	2A-4A-5A		No	4CC #13	2A-5B-30A	No	SCC #13	48E-66A	SCC #13	48E-66A		No
SCC #14	4A-12A		SCC #32	2A-4A-12A		4CC #12	4CC #14	2A-12A-66C	No	SCC #14	48E-66A	SCC #14	48E-66A		No
SCC #15	4A-13A		SCC #33	2A-4A-13A		No	4CC #15	2A-12A-66A-66A	No						
SCC #16	4A-20A	R29 SCC only	SCC #35	2A-4A-20A	R29 SCC only	No	4CC #16	2A-66C-71A	No						
SCC #17	4A-30A		SCC #36	2A-4A-30A		No	4CC #17	2A-66A-66A-71A	No						
SCC #18	4A-48A		SCC #18	2A-5A-30A		4CC #5	4CC #18	5A-30A-66A-66A	No						
SCC #19	4A-71A		SCC #34	2A-12A-30A		4CC #7	4CC #19	5B-30A-66A	No						
SCC #20	5B		SCC #6	2A-12A-66A		4CC #8	4CC #20	5B-66A-66A	No						
SCC #21	5A-5A		SCC #41	2A-20A-30A	R29 SCC only	No	4CC #21	12A-30A-66A-66A	No						
SCC #22	5A-7A		SCC #22	2A-30A-66A		No	4CC #22	12A-48D	No						
SCC #23	5A-25A		SCC #18	2A-48A-66A		No	4CC #23	13A-48A-48C	No						
SCC #24	5A-30A		SCC #18	2A-48A-48A		4CC #24	4CC #24	13A-48D	SCC #5						
SCC #25	5A-48A		SCC #25	2A-66A-66A		4CC #10	4CC #25	25A-25A-41C	SCC #5						
SCC #26	5A-66A		SCC #41	2A-66A-71A		4CC #17	4CC #26	25A-41D	SCC #8						
SCC #27	7B		SCC #27	2A-66B		No	4CC #27	29A-30A-66A-66A	No						
SCC #28	7C		SCC #28	2A-66C		4CC #11	4CC #28	41A-41D	No						
SCC #29	7A-7A		SCC #29	2A-48C		4CC #1	4CC #29	41A-42D	No						
SCC #30	12A-25A		SCC #30	2C-66A		No	4CC #30	41C-41C	No						
SCC #31	12A-30A		SCC #19	4A-4A-5A		No	4CC #31	41C-42C	No						
SCC #32	12A-66A		SCC #20	4A-4A-12A		4CC #12	4CC #32	41D-42A	No						
SCC #33	13A-48A		SCC #54	4A-4A-13A		No	4CC #33	41E	SCC #3						
SCC #34	13A-66A		SCC #56	4A-4A-71A		No	4CC #34	42C-42C	No						
SCC #35	25A-25A		SCC #60	4A-4A-20A		4CC #5	4CC #35	42E	No						
SCC #36	25A-41A		SCC #61	4A-4A-30A		No	4CC #36	48C-48C	SCC #1						
SCC #37	29A-30A		SCC #63	4A-5A-30A		No	4CC #37	48A-48D	SCC #2						
SCC #38	29A-66A		SCC #63	4A-12A-30A		No	4CC #38	48A-48A-66A-66A	No						
SCC #39	30A-66A		SCC #63	4A-20A-30A		No	4CC #39	48A-48A-66C	No						
SCC #40	3B		SCC #60	4A-48C		No	4CC #40	48A-48E-66A	No						
SCC #41	41A-41A		SCC #69	5A-5A-66A		No	4CC #41	48C-66A-66A	No						
SCC #42	41A-42A		SCC #42	5A-2A-66A		4CC #6	4CC #42	48C-66C	SCC #12						
SCC #43	41A-48A		SCC #43	5A-66A-66A		4CC #18	4CC #43	48D-66A	SCC #11						
SCC #44	41C		SCC #62	5A-30A-66A		4CC #18	4CC #44	48E	SCC #3						
SCC #45	42A-42A		SCC #85	5A-48C		No									
SCC #46	48A-48A		SCC #78	5A-66B		No									
SCC #47	48A-66A		SCC #78	5A-66C		No									
SCC #48	48A-71A		SCC #72	5B-30A		4CC #13									
SCC #49	66A-66A		SCC #64	5B-66A		4CC #19									
SCC #50	66B		SCC #72	12A-30A-66A		4CC #21									
SCC #51	66C		SCC #28	13A-66A-66A		4CC #15									
SCC #52	66A-71A		SCC #26	12A-66C		4CC #14									
SCC #53	42C		SCC #66	13A-48A-48A		No									
SCC #54	48C		SCC #29	13A-48E		SCC #6									
			SCC #55	13A-66A-2A		No									
			SCC #56	13A-66A-66A		No									
			SCC #57	13A-66B		No									
			SCC #58	13A-66C		No									
			SCC #59	25A-25A-25A		No									
			SCC #60	25A-25A-41A		No									
			SCC #61	25A-41C		4CC #25									
			SCC #62	29A-30A-66A		4CC #27									
			SCC #63	30A-66A-66A		4CC #18									
			SCC #64	41A-41C		No									
			SCC #65	41A-42C		No									
			SCC #66	41C-42A		No									
			SCC #67	41D		4CC #26									
			SCC #68	41A-41A-41A		No									
			SCC #69	42A-42C		No									
			SCC #70	42D		4CC #29									
			SCC #71	48A-48A-71A		No									
			SCC #72	66A-66A-71A		4CC #17									
			SCC #73	66A-66C		No									
			SCC #74	66C-71A		4CC #16									
			SCC #75	48A-48E		4CC #1									
			SCC #76	48D		4CC #2									
			SCC #77	48A-48A-66A		4CC #38									
			SCC #78	48A-66E		4CC #39									
			SCC #79	48C-66A		4CC #40									
			SCC #80	48C-71A		No									
			SCC #81	48A-66A-66A		4CC #38									

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## Note:

- 1) For the inter-band CA combinations, all the listed bands above can be used as PCC or SCC.
- 2) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1 V16.5.0.
- 3) The reference test frequencies for CA refers to 3GPP TS 36.508 V16.5.0
- 4) Testing is not required in bands or modes not intended/allowed for US operation
- 5) Based on TCB workshop April 2018, only indicate "No" in CA combination table need power measurement

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### 1.4 Test Environment

Ambient Temperature: 22±2° C

Tissue Simulating Liquid: 22±2° C

### 1.5 Operation Description

- Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s). The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
- During the SAR testing, the DASY 5 system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
- GSM:** SAR test reduction for GPRS/EDGE mode is determined by the source-based time-averaged output power. The data mode with highest specified time-averaged output power should be tested for SAR compliance.
- UMTS:** The 3G SAR test reduction procedure is applied to HSDPA with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSDPA) is  $\leq \frac{1}{4}$  dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSDPA). The following 4 sub-tests were completed according to Release 5 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

Sub-test	$\beta_c$	$\beta_d$	$\beta_d$ (SF)	$\beta_c/\beta_d$	$\beta_{hs}^{(2)}$	CM (dB) <sup>(2)</sup>
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15 <sup>(3)</sup>	15/15 <sup>(3)</sup>	64	12/15 <sup>(3)</sup>	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

Note 1:  $\Delta_{ACK}, \Delta_{NACK}$  and  $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$   
 Note 2: CM = 1 for  $\beta_c/\beta_d = 12/15, \beta_{hs}/\beta_c = 24/15$ .  
 Note 3: For subtest 2 the  $\beta_c/\beta_d$  ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to  $\beta_c = 11/15$  and  $\beta_d = 15/15$ .

- UMTS:** The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA) is  $\leq \frac{1}{4}$  dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA). The following 5 sub-tests were completed according to Release 6 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

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Sub-test	$\beta_c$	$\beta_d$	$\beta_d$ (SF)	$\beta_c/\beta_d$	$\beta_{hs}^{(1)}$	$\beta_{ec}$	$\beta_{ed}$	$\beta_{ed}$ (SF)	$\beta_{ed}$ (codes)	CM <sup>(2)</sup> (dB)	MPR (dB)	AG <sup>(4)</sup> Index	E-TFCI
1	11/15 <sup>(3)</sup>	15/15 <sup>(3)</sup>	64	11/15 <sup>(3)</sup>	22/15	209/225	1039/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed1}: 47/15$ $\beta_{ed2}: 47/15$	4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15 <sup>(4)</sup>	15/15 <sup>(4)</sup>	64	15/15 <sup>(4)</sup>	30/15	24/15	134/15	4	1	1.0	0.0	21	81

Note 1:  $\Delta_{ACK}$ ,  $\Delta_{NACK}$  and  $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$ .  
 Note 2: CM = 1 for  $\beta_c/\beta_d = 12/15$ ,  $\beta_{hs}/\beta_c = 24/15$ . For all other combinations of DPDCH, DPCCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.  
 Note 3: For subtest 1 the  $\beta_c/\beta_d$  ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to  $\beta_c = 10/15$  and  $\beta_d = 15/15$ .  
 Note 4: For subtest 5 the  $\beta_c/\beta_d$  ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to  $\beta_c = 14/15$  and  $\beta_d = 15/15$ .  
 Note 5: Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.  
 Note 6:  $\beta_{ed}$  cannot be set directly; it is set by Absolute Grant Value.

6. **UMTS:** The 3G SAR test reduction procedure is applied to HSPA+ with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA+) is  $\leq 1/4$  dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA+). The following 1 sub-test was completed according to Release 7 procedures in section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

Table C.11.1.4:  $\beta$  values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM.

Sub-test	$\beta_c$ <sup>(3)</sup>	$\beta_d$ <sup>(3)</sup>	$\beta_{hs}$ <sup>(1)</sup>	$\beta_{ec}$ <sup>(3)</sup>	$\beta_{ed1}$ <sup>(2)</sup> (2xSF2) <sup>(4)</sup>	$\beta_{ed2}$ <sup>(2)</sup> (2xSF4) <sup>(4)</sup>	CM <sup>(2)</sup> (dB) <sup>(2)</sup>	MPR <sup>(2)</sup> (dB) <sup>(2)</sup>	AG <sup>(4)</sup> Index <sup>(4)</sup>	E-TFCI (Note 5) <sup>(4)</sup>	E-TFCI (boost) <sup>(4)</sup>
1 <sup>(3)</sup>	1 <sup>(3)</sup>	0 <sup>(3)</sup>	30/15 <sup>(3)</sup>	30/15 <sup>(3)</sup>	$\beta_{ed1}: 30/15$ <sup>(3)</sup> $\beta_{ed2}: 30/15$ <sup>(3)</sup>	$\beta_{ed3}: 24/15$ <sup>(3)</sup> $\beta_{ed4}: 24/15$ <sup>(3)</sup>	3.5 <sup>(3)</sup>	2.5 <sup>(3)</sup>	14 <sup>(3)</sup>	105 <sup>(3)</sup>	105 <sup>(3)</sup>

Note 1:  $\Delta_{ACK}$ ,  $\Delta_{NACK}$  and  $\Delta_{CQI} = 30/15$  with  $\beta_{hs} = 30/15 * \beta_c$ .  
 Note 2: CM = 3.5 and the MPR is based on the relative CM difference,  $MPR = \text{MAX}(CM-1, 0)$ .  
 Note 3: DPDCH is not configured, therefore the  $\beta_c$  is set to 1 and  $\beta_d = 0$  by default.  
 Note 4:  $\beta_{ed}$  can not be set directly; it is set by Absolute Grant Value.  
 Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

7. **UMTS:** The 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable. Since the maximum output power in a secondary mode (DC-HSDPA) is  $\leq 1/4$  dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (DC-HSDPA). The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. A summary of these setting are illustrated below:

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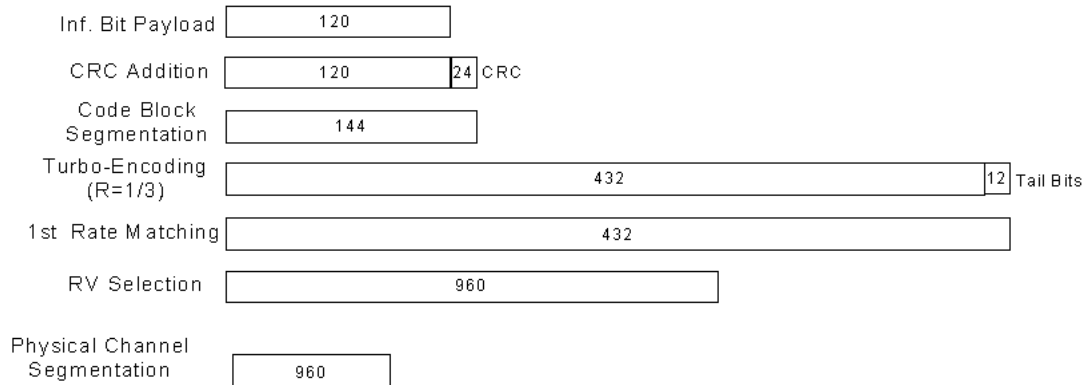
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The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121, annex C for FDD and 3GPP TS 34.122

**Table C.8.1.12: Fixed Reference Channel H-Set 12**

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Processes	6
Information Bit Payload ( $N_{INF}$ )	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK
<p>Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table.</p> <p>Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.</p>		



**Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)**

The following 4 sub-tests for HSDPA were completed according to Release 8 procedures in section 5.2 of 3GPP TS34.121. A summary of subtest settings are illustrated below:

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Sub-test	$\beta_c$	$\beta_a$	$\beta_a$ (SF)	$\beta_c/\beta_a$	$\beta_{hs}^{(1)}$	CM (dB) <sup>(2)</sup>
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15 <sup>(3)</sup>	15/15 <sup>(3)</sup>	64	12/15 <sup>(3)</sup>	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

Note 1:  $\Delta_{ACK}, \Delta_{NACK}$  and  $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$   
 Note 2: CM = 1 for  $\beta_c/\beta_a = 12/15, \beta_{hs}/\beta_c = 24/15$ .  
 Note 3: For subtest 2 the  $\beta_c/\beta_a$  ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to  $\beta_c = 11/15$  and  $\beta_a = 15/15$ .

## 8. LTE: LTE modes test according to KDB 941225D05v02r05.

a. Per Section 5.2.1, the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation.

- Using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.

- When the reported SAR is  $\leq 0.8$  W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.

- When the reported SAR of a required test channel is  $> 1.45$  W/kg, SAR is required for all three RB offset configurations for that required test channel.

b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation

- The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.

c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for QPSK with 100% RB allocation

- For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are  $\leq 0.8$  W/kg.

- Otherwise, SAR is measured for the highest output power channel and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.

d. Per Section 5.2.4, Higher order modulations

- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the

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QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is  $> \frac{1}{2}$  dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is  $> 1.45$  W/kg.

e. Per Section 5.3, other channel bandwidth standalone SAR test requirements

- For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section 5.2 to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is  $> \frac{1}{2}$  dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is  $> 1.45$  W/kg. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.

- TDD LTE was tested at highest duty factor using UL-DL configuration 0 with 6 UL subframes and 2 special subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4.2, the duty factor for UL-DL configuration 0/special subframe configuration 6 using extended cyclic prefix is 0.633.

According to KDB 941225 D05, SAR testing for TDD LTE must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP TDD LTE configurations. The TDD-LTE of this device supports frame structure type 2 defined in 3GPP TS 36.211 section 4.2, and the frame structure configuration can be tabulated as below.

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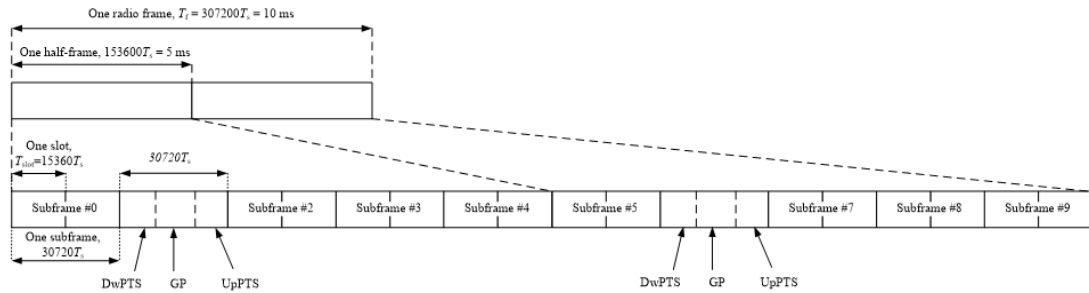


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration n	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS	Normal cyclic prefix in uplink	DwPTS	UpPTS	Normal cyclic prefix in uplink
0	$6592 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$	$7680 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$7680 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
5	$6592 \cdot T_s$			$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$					
9	$13168 \cdot T_s$					

Table 4.2-2: Uplink-downlink configurations

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Considering the highest transmission duty cycle, TDD LTE was tested using Uplink-Downlink configuration 0 with 6 uplink subframe and 2 special subframe. The special subframe was set to special subframe configuration 6 using extended cyclic prefix uplink. Therefore, SAR testing for TDD LTE was measured at the maximum output power with highest transmission duty cycle of 63.33%.

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9. **WLAN:** 802.11b DSSS SAR Test Requirements: SAR is measured for 2.4 GHz 802.11b DSSS mode using the highest measured maximum output power channel, when the reported SAR of the highest measured maximum output power channel for the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is  $> 0.8$  W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is  $> 1.2$  W/kg, SAR is required for the third channel; i.e., all channels require testing.
10. **WLAN:** 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is  $\leq 1.2$  W/kg.
11. **WLAN:** Initial Test Configuration: An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. When the reported SAR of the initial test configuration is  $> 0.8$  W/kg, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is  $\leq 1.2$  W/kg or all required channels are tested. Since the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is  $\leq 1.2$  W/kg, SAR is not required for subsequent test configuration.
12. **WLAN:** Based on FCC guidance, general principles of KDB248227D01 can be applied to 802.11ax to determine initial test configuration with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency band.
13. **WLAN:** For WLAN, the device supports Dual Band Simultaneous (DBS) transmission for 2.4GHz and 5GHz 802.11, it means the device supports the same antenna with dual band operation (one antenna transmits in both bands). Besides, the maximum output power is different between DBS inactive and DBS active, and both DBS inactive and DBS active were measured separately to evaluate the simultaneous transmission.
14. **5G NR:** NR implementation of n2, n5, n41, n66, and n71 is limited to EN-DC only, with LTE bands 2/5/41 acting as anchor bands, SAR tests for NR bands and LTE anchor bands were performed separately due to limitations in SAR probe

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calibration factor. Due to test setup limitation, SAR testing for NR was performed using factory test mode software to establish the connection.

15. **5G NR:** 5G NR Power/SAR procedure is similar with KDB 941225 D05. **a.** For power measurement reduction of DFT-s-OFDM and CP-OFDM, CP-OFDM will not higher than DFT-OFDM based on 3GPP MPR table, so CP-OFDM QPSK power measurement is spot check for 1RB allocation/1 RB offset configuration to ensure the output power will not  $\frac{1}{2}$  dB higher than Pi/2 BPSK and QPSK. **b.** For power measurement reduction of DFT-s-OFDM, 16QAM/64QAM/256QAM will not higher than Pi/2 BPSK and QPSK based on 3GPP MPR table, so Pi/2 BPSK and QPSK are measured fully, and 16QAM is spot check 1RB allocation/1 RB offset configuration to ensure the output power will not  $\frac{1}{2}$  dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to ensure output power will not  $\frac{1}{2}$  dB higher than largest supported bandwidth. **c.** SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. **d.** 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure. **e.** QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested. **f.** 16QAM/64QAM/256QAM output powers according to 3GPP MPR will not  $\frac{1}{2}$  dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, 16QAM/64QAM/256QAM SAR testing are not required. **g.** Smaller bandwidth output power for each RB allocation configuration for this device will not  $\frac{1}{2}$  dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is  $\leq 1.45$  W/kg, smaller bandwidth SAR testing is not required for this device.

16. **ASDiv for WWAN:** In order to get better user experience, the device implements antenna swap feature (named ASDiv, antenna-switching diversity) which means WWAN TX diversity. In the case both WWAN UAT (Upper antenna) and WWAN LAT (lower antenna) were tested separately. For UAT, GSM850/WCDMA B5/LTE B5/12/13/17/26/71/5G NR n41 is supported. For LAT, GSM850/1900/WCDMA B2/4/5/LTE B2/4/5/7/12/13/17/25/26//30/38/41/ 42/48/66/71/5G NR n2/5/41/66/71 is supported.

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**17. Dynamic antenna tuning:** The dynamic antenna tuning mechanism only implements for the WWAN LAT in WCDMA B5/LTE B5/12/13/26/71/5G NR n5/n71. Besides, the tuning hardware is separate from the antenna and does not influence antenna performance (other than impedance matching). For dynamic antenna tuning, SAR is measured according to required procedures with dynamic tuner active allowing device to automatically tune. Auto-tune state determined by device during normal SAR measurement verified and listed alongside the reported SAR results. Additional single point SAR measurements to verify other tuner configurations result in equivalent or lower SAR value:

- a) Total number tuner states (total 144 tuner states) divided evenly among each supported band/air interface and exposure condition combination
- b) Tuner state is established remotely so that the device is not moved for the entire series of single point SAR measurements for the tuner states in each combination
- c) Single point measurements performed at the peak SAR location of the highest measured SAR configuration for each combination. SAR probe remains stationary throughout the entire series of single point measurements for each combination
- d) If any single point SAR measurement result is > 1.2 W/kg for a band/exposure condition combination set, all supported tuner states are evaluated with single point SAR measurements for the combination.

The auto-tune state is verified immediately before and after each SAR measurement by checking tuning state information on EUT.

For the detail, please refer to chapter 2 supplemental SAR results.

**18. Antenna swap mechanism for WLAN:** In order to get better user experience the device implemented the dynamic antenna swapping which based on specific user interaction. The device supports two chains for both 2.4GHz and 5GHz which is also known as 2 x 2 MIMO. And there are four WLAN antennas to match with four modes which will explain later. So the antenna for these two chains will be exchanged between these four antennas to meet the expected performance. The output power setting is the same for all modes and the insertion loss of different path is considered as a portion of antenna efficiency. There are four modes: calling mode, camera mode, normal mode and Gaming mode and each mode will be triggered by different detection mechanism to realize the location exchanged by the antenna in different modes. The following is the summary table of the relationship between mode, antenna location and detection mechanism.

Mode	Antenna	Detection mechanism
Calling Mode	Chain0 is adapted in Ant4 Chain1 is adapted in Ant6	When the device audio receiver is active
Camera Mode	Chain0 is adapted in Ant6 Chain1 is adapted in Ant5	When the device Camera is active
Normal Mode	Portrait: Chain0 is adapted in Ant4	Gyro sensor + G-sensor

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	Chain1 is adapted in Ant6 Landscape: Chain0 is adapted in Ant4 Chain1 is adapted in Ant5	
Gaming Mode	Chain0 is adapted in Ant4 Chain1 2.4 GHz is adapted in Ant5 Chain1 5 GHz is adapted in Ant7	When the device is read the string "game" of App

**19. Antenna swap mechanism for BT:** The device also provides antenna diversity switch method for Bluetooth. This feature will allow both transmit path and receive path of Bluetooth can be switched between Chain 0 antenna and Chain 1 antenna which are mentioned in above of WLAN part. The following is the summary table of the relationship between mode, antenna location and detection mechanism.

Mode	Antenna	Detection mechanism
Calling Mode	Ant4 or Ant6	When the device audio receiver is active
Camera Mode	Ant6 or Ant5	When the device Camera is active
Normal Mode	Portrait: Ant4 or Ant6 Landscape: Ant4 or Ant5	Gyro sensor + G-sensor
Gaming Mode	Ant4 or Ant5	When the device is read the string "game" of App

**20. LTE downlink CA:** The device supports a maximum of 5 carriers in the downlink. All uplink communications are identical to the Release 8 specifications. Uplink maximum output power is measured with downlink carrier aggregation active, only for the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than  $\frac{1}{4}$  dB higher than the maximum output power measured when downlink carrier aggregation inactive. The downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements. The nominal channel spacing is determined by  $[BW1 + BW2 - 0.1 * |BW1 - BW2|] / 2$  MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration. The downlink PCC channel should be paired with the uplink channel according to normal configurations, as if there is no carrier aggregation. The downlink SCC should be adjacent to the PCC and remain within the downlink transmission band for contiguous intra-band CA. For non-contiguous intra-band CA, the SCC should be selected to provide maximum separation from the PCC and must remain fully within the downlink transmission

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band. For inter-band CA, the SCC should be near the middle of its transmission band. When downlink carrier aggregation is active uplink maximum output power remain within the specified tune-up tolerance limits and not more than  $\frac{1}{4}$  dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

21. **LTE intra-band UL CA (contiguous):** The device supports LTE intra-band contiguous 2 UL CA for CA\_5B, CA\_7C, CA\_38C, and CA\_41C. The maximum output power is measured for each UL CA configuration for the required test channels. UL PCC configuration is determined by the required test channel. SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band. SAR for UL CA is required in highest standalone head/body test position and frequency band combination. Since the maximum output for UL CA is  $\leq$  standalone LTE mode (without CA), PCC is configured according to the highest standalone SAR configuration tested, SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.
22. **LTE inter-band UL CA:** The device supports LTE inter-band UL CA for CA\_2A-5A, CA\_2A-12A, CA\_4A-5A, CA\_4A-12A, and CA\_12A-66A. Since the single uplink 1-g SAR values for each band are both less than 0.8W/Kg and the algebraic summation of the 1-g SAR values are less than 1.45 W/Kg, no additional measurements need to be performed based on 2018-10-TCB workshop guidance.
23. **Power reduction:** The device supports power reduction via audio routing when operating in next to ear use. Also, the power reduction is supported when enabling hotspot mode.
24. **General:** According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is  $\leq$  0.8 W/kg, when the transmission band is  $\leq$  100 MHz. According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is  $\geq$  0.8 W/kg, repeated that measurement once. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is  $>$  1.20 or when the original or repeated measurement is  $\geq$  1.45 W/kg ( $\sim$  10% from the 1-g SAR limit).

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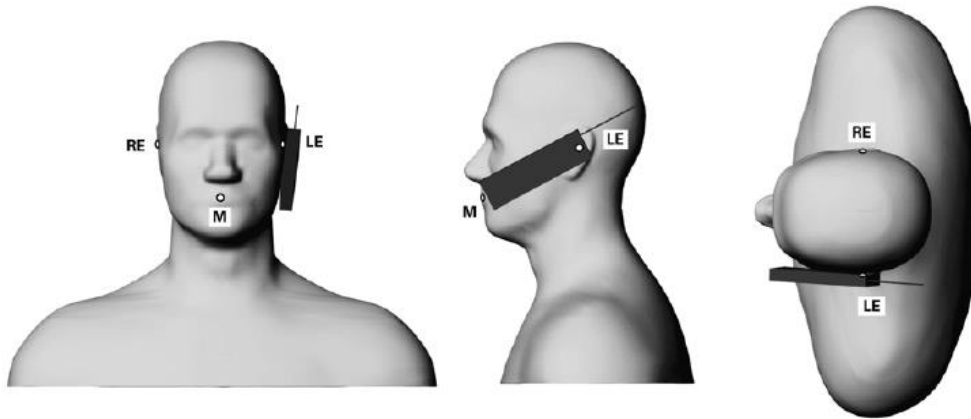
25. According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping LTE bands as below, a. The maximum output power, including tolerance, for the smaller band must be  $\leq$  the larger band to qualify for the SAR test exclusion. b. The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band. Thus, LTE Band 2 (1850 – 1910 MHz) is covered by LTE Band 25 (1850 – 1915 MHz), LTE Band 5 (824 – 849 MHz) is covered by LTE Band 26 (814 – 849 MHz), LTE Band 4 (1710 – 1755 MHz) is covered by LTE Band 66 (1710 – 1780 MHz), LTE Band 17 (704 – 716 MHz) is covered by LTE Band 12 (699 – 716 MHz), LTE Band 38 (2570 – 2620 MHz) is covered by LTE Band 41 (2496 – 2690 MHz).
26. The device doesn't support uplink MIMO for WWAN.
27. There is the cooler(Fan) can be used to keep the phone device having better thermal solution, therefore, SAR with cooler(Fan) is measured on the worst case of each exposure to be the conservative evaluation, including head, body-worn, hotspot and product-specific 10g-SAR.

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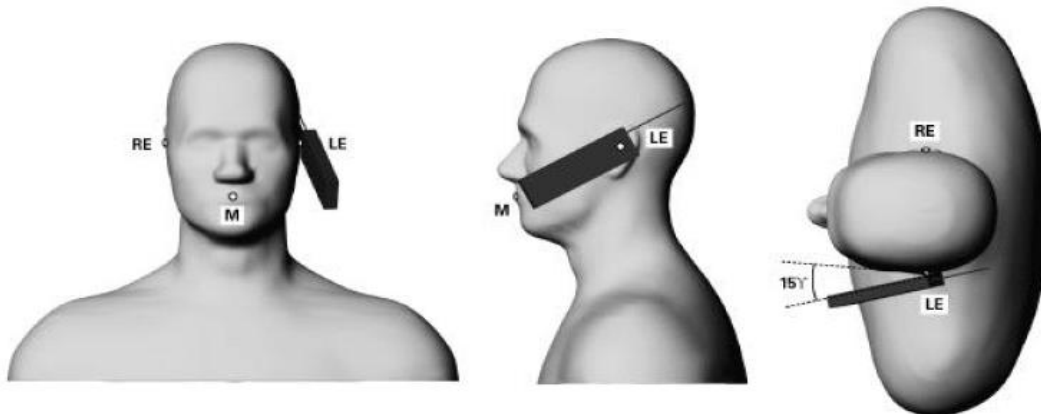


## 1.6 Positioning Procedure Head SAR measurement statement



Phone position

1, “cheek” or “touch” position. The reference points for the right ear (RE), left ear (LE) and mouth (M), which define the reference plane for phone positioning.



Phone position 2, “tilted position.” The reference points for the right ear (RE), left ear (LE) and mouth (M), which define the reference plane for phone positioning.

### Cheek/Touch Position:

The handset was brought toward the mouth of the head phantom by pivoting against the ear reference point until any point of the mouthpiece or keypad touched the phantom.

### Ear/Tilt Position:

With the phone aligned in the Cheek/Touch position, the handset was tilted away from the mouth with respect to the test device reference point by 15 degrees.

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## Body SAR / Product Specific 10-g SAR measurement statement

### 1. Body-worn exposure: 15mm

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. When the same wireless transmission configuration is used for testing body-worn accessory and hotspot mode SAR, respectively, in voice and data mode, SAR results for the most conservative test separation distance configuration may be used to support both SAR conditions. When the reported SAR for a body-worn accessory, measured without a headset connected to the handset, is  $> 1.2$  W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.

### 2. Hotspot exposure: 10mm

A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge when the form factor of a handset is larger than 9 cm  $\times$  5 cm.

### 3. Phablet SAR test consideration

Since the device is a phablet (overall diagonal dimension  $> 16.0$  cm), the UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at  $\leq 25$  mm from that surface or edge, in direct contact with a flat phantom, for product specific 10-g SAR. When hotspot mode applies, product specific 10-g SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR  $> 1.2$  W/kg. However, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold. Based on KDB941225D06v02r01, the hotspot mode and body-worn accessory SAR test configurations may overlap for handsets. When the same wireless mode transmission configurations for voice and data are required for SAR measurements, the more conservative configuration with a smaller separation distance should be tested for the overlapping SAR configurations.

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## 1.7 Evaluation Procedures

The entire evaluation of the spatial peak values is performed within the Post-processing engine (SEMCAD). The system always gives the maximum values for the 1 g and 10 g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

1. The extraction of the measured data (grid and values) from the Zoom Scan.
2. The calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters).
3. The generation of a high-resolution mesh within the measured volume.
4. The interpolation of all measured values from the measurement grid to the high-resolution grid.
5. The extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface.
6. The calculation of the averaged SAR within masses of 1g and 10g.

The probe is calibrated at the center of the dipole sensors that is located 1 to 2.7mm away from the probe tip. During measurements, the probe stops shortly above the phantom surface, depending on the probe and the surface detecting system. Both distances are included as parameters in the probe configuration file. The software always knows exactly how far away the measured point is from the surface. As the probe cannot directly measure at the surface, the values between the deepest measured point and the surface must be extrapolated. The angle between the probe axis and the surface normal line is less than 30 degree.

In the Area Scan, the gradient of the interpolation function is evaluated to find all the extreme of the SAR distribution. The uncertainty on the locations of the extreme is less than 1/20 of the grid size. Only local maximum within -2 dB of the global maximum are searched and passed for the Cube Scan measurement. In the Cube Scan, the interpolation function is used to extrapolate the Peak SAR from the lowest measurement points to the inner phantom surface (the extrapolation distance). The uncertainty increases with the extrapolation distance. To keep the uncertainty within 1% for the 1 g and 10 g cubes, the extrapolation distance should not be larger than 5mm.

The maximum search is automatically performed after each area scan measurement. It is based on splines in two or three dimensions. The procedure can find the maximum for most SAR distributions even with relatively large grid spacing. After the area scanning measurement, the probe is automatically moved to a position at the interpolated maximum. The following scan can directly use this position for reference, e.g., for a finer resolution grid or the cube evaluations. The 1g and 10g peak evaluations are only available for the predefined cube 7x7x7 scans.

The routines are verified and optimized for the grid dimensions used in these cube measurements. The measured volume of 30x30x30mm contains about 30g of tissue. The first procedure is an extrapolation (incl. Boundary correction) to get the points between the lowest measured plane and the surface. The next step uses 3D interpolation to get all points within the measured volume. In the last step, a 1g cube is placed numerically into the volume and its averaged SAR is calculated. This cube is

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the moved around until the highest averaged SAR is found.

If the highest SAR is found at the edge of the measured volume, the system will issue a warning: higher SAR values might be found outside of the measured volume. In that case the cube measurement can be repeated, using the new interpolated maximum as the center.

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## 1.8 Probe Calibration Procedures

For the calibration of E-field probes in lossy liquids, an electric field with an accurately known field strength must be produced within the measured liquid. For standardization purposes it would be desirable if all measurements which are necessary to assess the correct field strength would be traceable to standardized measurement procedures. In the following two different calibration techniques are summarized:

### 1.8.1 Transfer Calibration with Temperature Probes

In lossy liquids the specific absorption rate (SAR) is related both to the electric field ( $E$ ) and the temperature gradient ( $\delta T / \delta t$ ) in the liquid.

$$SAR = C \frac{\delta T}{\delta t},$$

Whereby  $\sigma$  is the conductivity,  $\rho$  the density and  $c$  the heat capacity of the liquid.

Hence, the electric field in lossy liquid can be measured indirectly by measuring the temperature gradient in the liquid. Non-disturbing temperature probes (optical probes or thermistor probes with resistive lines) with high spatial resolution (<1-2 mm) and fast reaction time (<1 s) are available and can be easily calibrated with high precision [1]. The setup and the exciting source have no influence on the calibration; only the relative positioning uncertainties of the standard temperature probe and the E-field probe to be calibrated must be considered. However, several problems limit the available accuracy of probe calibrations with temperature probes:

1. The temperature gradient is not directly measurable but must be evaluated from temperature measurements at different time steps. Special precaution is necessary to avoid measurement errors caused by temperature gradients due to energy equalizing effects or convection currents in the liquid. Such effects cannot be completely avoided, as the measured field itself destroys the thermal equilibrium in the liquid. With a careful setup these errors can be kept

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small.

2. The measured volume around the temperature probe is not well defined. It is difficult to calculate the energy transfer from a surrounding gradient temperature field into the probe. These effects must be considered, since temperature probes are calibrated in liquid with homogeneous temperatures. There is no traceable standard for temperature rise measurements.
3. The calibration depends on the assessment of the specific density, the heat capacity and the conductivity of the medium. While the specific density and heat capacity can be measured accurately with standardized procedures ( $\sim 2\%$  for  $c$ ; much better for  $\rho$ ), there is no standard for the measurement of the conductivity. Depending on the method and liquid, the error can well exceed  $\pm 5\%$ .
4. Temperature rise measurements are not very sensitive and therefore are often performed at a higher power level than the E-field measurements. The nonlinearities in the system (e.g., power measurements, different components, etc.) must be considered.

Considering these problems, the possible accuracy of the calibration of E-field probes with temperature gradient measurements in a carefully designed setup is about  $\pm 10\%$  (RSS) [2]. Recently, a setup which is a combination of the waveguide techniques and the thermal measurements was presented in [3]. The estimated uncertainty of the setup is  $\pm 5\%$  (RSS) when the same liquid is used for the calibration and for actual measurements and  $\pm 7-9\%$  (RSS) when not, which is in good agreement with the estimates given in [2].

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### 1.8.2 Calibration with Analytical Fields

In this method a technical setup is used in which the field can be calculated analytically from measurements of other physical magnitudes (e.g., input power). This corresponds to the standard field method for probe calibration in air; however, there is no standard defined for fields in lossy liquids.

When using calculated fields in lossy liquids for probe calibration, several points must be considered in the assessment of the uncertainty:

1. The setup must enable accurate determination of the incident power.
2. The accuracy of the calculated field strength will depend on the assessment of the dielectric parameters of the liquid.
3. Due to the small wavelength in liquids with high permittivity, even small setups might be above the resonant cutoff frequencies. The field distribution in the setup must be carefully checked for conformity with the theoretical field distribution.

### References

- (1) N. Kuster, Q. Balzano, and J.C. Lin, Eds., *Mobile Communications Safety*, Chapman & Hall, London, 1997.
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- (3) K. Jokela, P. Hyysalo, and L. Puranen, "Calibration of specific absorption rate (SAR) probes in waveguide at 900 MHz", *IEEE Transactions on Instrumentation and Measurements*, vol. 47, no. 2, pp. 432-438, Apr. 1998.

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### 1.9 The SAR Measurement System

A block diagram of the SAR measurement system is given in Fig. a. This SAR measurement system uses a Computer-controlled 3-D stepper motor system (SPEAG DASY 5 professional system). Model EX3DV4 field probes are used to determine the internal electric fields. The SAR can be obtained from the equation  $SAR = \sigma (|E_i|^2) / \rho$  where  $\sigma$  and  $\rho$  are the conductivity and mass density of the tissue-simulant.

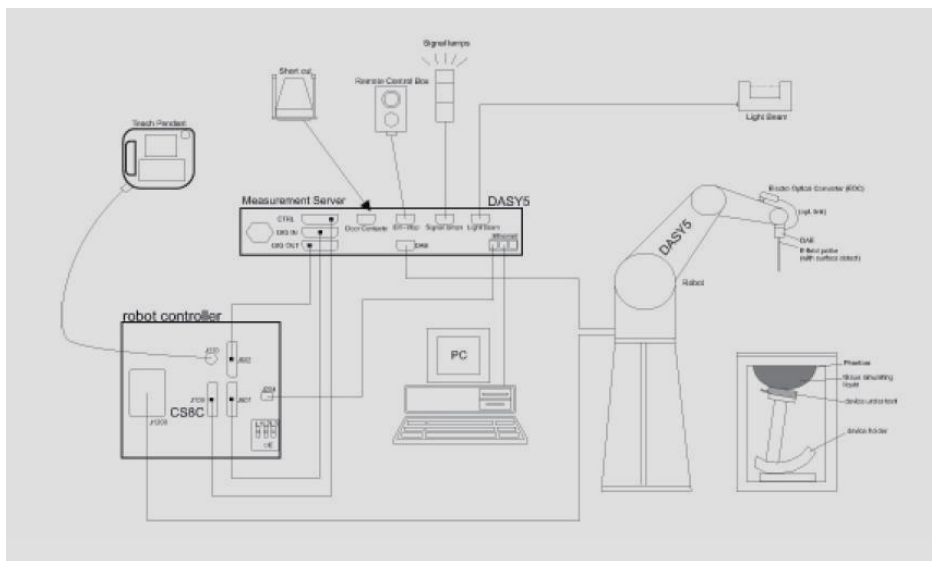


Fig. a A block diagram of the SAR measurement system

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The DASY 5 system for performing compliance tests consists of the following items:


1. A standard high precision 6-axis robot (Staubli RX family) with controller, teach pendant and software. An arm extension is for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. Data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to the DAE and for the analog signal from the optical surface detection. The EOC is connected to the measurement server.
5. The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
6. A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
7. A computer operating Windows7
8. DASY 5 software.
9. Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
10. The SAM twin phantom enabling testing left-hand and right-hand usage.
11. The device holder for handheld mobile phones.
12. Tissue simulating liquid mixed according to the given recipes.
13. Validation dipole kits allowing to validate the proper functioning of the system.

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## 1.10 System Components


### EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL750/835/1750/1900/2300/2450/2600/ 3500/3700/5200/5300/5600/5800 MHz Additional CF for other liquids and frequencies upon request	
Frequency	10 MHz to > 6 GHz, Linearity: $\pm 0.6$ dB	
Directivity	$\pm 0.3$ dB in HSL (rotation around probe axis) $\pm 0.5$ dB in tissue material (rotation normal to probe axis)	
Dynamic Range	10 $\mu$ W/g to > 100 mW/g Linearity: $\pm 0.2$ dB (noise: typically < 1 $\mu$ W/g)	
Dimensions	Tip diameter: 2.5 mm	
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.	


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## Phantom

Model	Twin SAM	
Construction	<p>The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209.</p> <p>It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by manually teaching three points with the robot.</p>	
Shell Thickness	2 ± 0.2 mm	
Filling Volume	Approx. 25 liters	
Dimensions	Height: 850 mm; Length: 1000 mm; Width: 500 mm	

## DEVICE HOLDER

Construction	<p>In combination with the Twin SAM Phantom V4.0/V4.0C or Twin SAM, the Mounting Device (made from POM) enables the rotation of the mounted transmitter in spherical coordinates, whereby the rotation point is the ear opening. The devices can be easily and accurately positioned according to IEC, IEEE, CENELEC, FCC or other specifications. The device holder can be locked at different phantom locations (left head, right head, flat phantom).</p>	 <p>Device Holder</p>
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### 1.11 SAR System Verification

The microwave circuit arrangement for system verification is sketched in Fig. b. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% (according to KDB865664D01) from the target SAR values.

These tests were done at 750/835/1750/1900/2300/2450/2600/3500/3700/5200/5300/5600/5800 MHz. The tests were conducted on the same days as the measurement of the DUT. The obtained results from the system accuracy verification are displayed in the table 1. During the tests, the liquid depth above the ear reference points was above 15 cm ( $\leq 3G$ ) or 10 cm ( $> 3G$ ) in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.

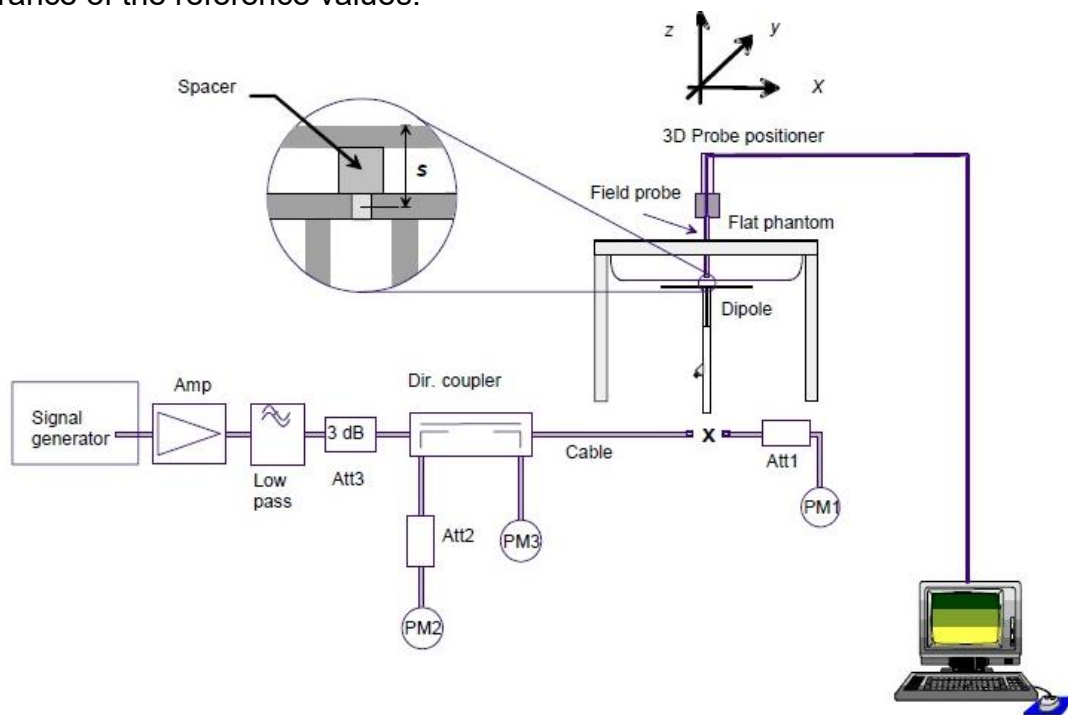


Fig. b The block diagram of system verification

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Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=250mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D750V3	1015	750	Head	8.6	2.27	9.08	5.58%	Jul. 01, 2020
D835V2	4d063	835	Head	9.57	2.29	9.16	-4.28%	Jul. 02, 2020
D1750V2	1008	1750	Head	36.8	9.07	36.28	-1.41%	Jul. 03, 2020
D1900V2	5d173	1900	Head	39.4	8.94	35.76	-9.24%	Jul. 04, 2020
D2300V2	1023	2300	Head	48.1	12.20	48.80	1.46%	Jul. 27, 2020
D2600V2	1005	2600	Head	57.3	13.30	53.20	-7.16%	Jul. 06, 2020
D750V3	1015	750	Head	8.6	2.26	9.04	5.12%	Jun. 25, 2020
D835V2	4d063	835	Head	9.57	2.43	9.72	1.57%	Jun. 26, 2020
D1750V2	1008	1750	Head	36.8	8.93	35.72	-2.93%	Jun. 27, 2020
D1900V2	5d173	1900	Head	39.4	9.93	39.72	0.81%	Jun. 28, 2020
D2300V2	1023	2300	Head	48.1	12.30	49.20	2.29%	Jun. 22, 2020
D2600V2	1005	2600	Head	57.3	14.30	57.20	-0.17%	Jun. 30, 2020
D750V3	1015	750	Head	8.6	2.23	8.92	3.72%	Jul. 09, 2020
D835V2	4d063	835	Head	9.57	2.34	9.36	-2.19%	Jul. 10, 2020
D1750V2	1008	1750	Head	36.8	9.09	36.36	-1.20%	Jul. 11, 2020
D1900V2	5d173	1900	Head	39.4	9.70	38.80	-1.52%	Jul. 12, 2020
D2300V2	1023	2300	Head	48.1	12.00	48.00	-0.21%	Jul. 23, 2020
D2600V2	1005	2600	Head	57.3	13.80	55.20	-3.66%	Jul. 14, 2020
D750V3	1015	750	Head	8.6	2.08	8.32	-3.26%	Jul. 21, 2020
D835V2	4d063	835	Head	9.57	2.34	9.36	-2.19%	Jul. 22, 2020
D1750V2	1008	1750	Head	36.8	8.47	33.88	-7.93%	Jul. 23, 2020
D1900V2	5d173	1900	Head	39.4	9.72	38.88	-1.32%	Jul. 24, 2020
D2300V2	1023	2300	Head	48.1	12.10	48.40	0.62%	Jul. 23, 2020
D2600V2	1005	2600	Head	57.3	14.10	56.40	-1.57%	Jul. 26, 2020
D750V3	1015	750	Head	8.6	2.02	8.08	-6.05%	Jul. 14, 2020
D835V2	4d063	835	Head	9.57	2.25	9.00	-5.96%	Jul. 15, 2020
D1750V2	1008	1750	Head	36.8	8.69	34.76	-5.54%	Jul. 16, 2020
D1900V2	5d173	1900	Head	39.4	9.68	38.72	-1.73%	Jul. 17, 2020
D2300V2	1023	2300	Head	48.1	11.90	47.60	-1.04%	Jul. 27, 2020
D2600V2	1005	2600	Head	57.3	13.60	54.40	-5.06%	Jul. 19, 2020
D2450V2	727	2450	Head	52.6	13.50	54.00	2.66%	Jul. 05, 2020
D2450V2	727	2450	Head	52.6	13.50	54.00	2.66%	Jul. 25, 2020
D2450V2	727	2450	Head	52.6	13.70	54.80	4.18%	Jun. 29, 2020
D2450V2	727	2450	Head	52.6	13.70	54.80	4.18%	Jul. 13, 2020

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Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=100mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D3500V2	1009	3500	Head	66.8	7.02	70.20	5.09%	Jul. 08, 2020
D3700V2	1057	3700	Head	68	6.48	64.80	-4.71%	Jul. 07, 2020
D3500V2	1009	3500	Head	66.8	6.50	65.00	-2.69%	Jul. 02, 2020
D3700V2	1057	3700	Head	68	6.26	62.60	-7.94%	Jul. 01, 2020
D3500V2	1009	3500	Head	66.8	7.22	72.20	8.08%	Jul. 16, 2020
D3700V2	1057	3700	Head	68	6.37	63.70	-6.32%	Jul. 15, 2020
D3500V2	1009	3500	Head	66.8	6.98	69.80	4.49%	Jul. 28, 2020
D3700V2	1057	3700	Head	68	6.55	65.50	-3.68%	Jul. 27, 2020
D3500V2	1009	3500	Head	66.8	7.23	72.30	8.23%	Jul. 21, 2020
D3700V2	1057	3700	Head	68	7.07	70.70	3.97%	Jul. 20, 2020
D5GHzV2	1023	5200	Head	80.1	8.55	85.50	6.74%	Jul. 10, 2020
	1023	5300	Head	82.8	8.90	89.00	7.49%	Jul. 11, 2020
	1023	5600	Head	83.1	8.79	87.90	5.78%	Jul. 12, 2020
	1023	5800	Head	81.4	8.43	84.30	3.56%	Jul. 13, 2020
D5GHzV2	1023	5200	Head	80.1	8.63	86.30	7.74%	Jul. 18, 2020
	1023	5300	Head	82.8	8.63	86.30	4.23%	Jul. 19, 2020
	1023	5600	Head	83.1	8.18	81.80	-1.56%	Jul. 20, 2020
	1023	5800	Head	81.4	8.18	81.80	0.49%	Jul. 21, 2020
D5GHzV2	1023	5200	Head	80.1	8.04	80.40	0.37%	Jul. 05, 2020
	1023	5300	Head	82.8	8.10	81.00	-2.17%	Jul. 06, 2020
	1023	5600	Head	83.1	7.98	79.80	-3.97%	Jul. 07, 2020
	1023	5800	Head	81.4	7.68	76.80	-5.65%	Jul. 08, 2020
D5GHzV2	1023	5200	Head	80.1	8.12	81.20	1.37%	Jul. 18, 2020
	1023	5300	Head	82.8	8.07	80.70	-2.54%	Jul. 19, 2020
	1023	5600	Head	83.1	7.97	79.70	-4.09%	Jul. 20, 2020
	1023	5800	Head	81.4	7.58	75.80	-6.88%	Jul. 21, 2020

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D750V3	1015	750	Head	5.66	1.45	5.80	2.47%	Jul. 29, 2020
D835V2	4d063	835	Head	6.22	1.48	5.92	-4.82%	Jul. 15, 2020
D835V2	4d063	835	Head	6.22	1.64	6.56	5.47%	Jul. 30, 2020
D1750V2	1008	1750	Head	19.4	4.54	18.16	-6.39%	Jul. 16, 2020
D1750V2	1008	1750	Head	19.4	4.68	18.72	-3.51%	Jul. 31, 2020
D1900V2	5d173	1900	Head	20.5	5.02	20.08	-2.05%	Jul. 17, 2020
D1900V2	5d173	1900	Head	20.5	5.06	20.24	-1.27%	Aug. 01, 2020
D2300V2	1023	2300	Head	23.1	5.56	22.24	-3.72%	Jul. 27, 2020
D2300V2	1023	2300	Head	23.1	5.85	23.40	1.30%	Aug. 02, 2020
D2600V2	1005	2600	Head	25.5	6.00	24.00	-5.88%	Jul. 19, 2020
D2600V2	1005	2600	Head	25.5	6.37	25.48	-0.08%	Aug. 03, 2020
D2450V2	727	2450	Head	24.7	6.03	24.12	-2.35%	Aug. 10, 2020
Validation Kit	S/N	Frequency (MHz)		1W Target SAR-10g (mW/g)	pin=100mW Measured SAR-10g (mW/g)	Measured SAR-10g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D3500V2	1009	3500	Head	25.3	2.34	23.40	-7.51%	Jul. 21, 2020
D3500V2	1009	3500	Head	25.3	2.62	26.20	3.56%	Aug. 05, 2020
D3700V2	1057	3700	Head	24.6	2.31	23.10	-6.10%	Aug. 06, 2020
D5GHzV2	1023	5200	Head	22.7	2.20	22.00	-3.08%	Aug. 11, 2020
	1023	5300	Head	23.4	2.43	24.30	3.85%	Aug. 12, 2020
	1023	5600	Head	23.5	2.46	24.60	4.68%	Aug. 13, 2020
	1023	5800	Head	22.7	2.34	23.40	3.08%	Aug. 14, 2020
Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=250mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D1900V2	5d173	1900	Head	39.4	9.87	39.48	0.20%	Aug. 27, 2020
Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=100mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D5GHzV2	1023	5300	Head	82.8	8.51	85.10	2.78%	Aug. 27, 2020
	1023	5600	Head	83.1	8.74	87.40	5.17%	Aug. 27, 2020
Validation Kit	S/N	Frequency (MHz)		10W Target SAR-1g (mW/g)	pin=250mW Measured SAR-10g (mW/g)	Measured SAR-10g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D2600V2	1005	2600	Head	25.5	6.61	26.44	3.69%	Aug. 27, 2020

Table 1. Results of system validation

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### 1.12 Tissue Simulant Fluid for the Frequency Band

The dielectric properties for this Head-simulant fluid were measured by using the Agilent Model 85070E Dielectric Probe (rates frequency band 200 MHz to 20 GHz) in conjunction with Network Analyzer.

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The depth of the tissue simulant in the flat section of the phantom was at least 15 cm ( $\leq 3G$ ) or 10 cm ( $> 3G$ ) during all tests. (Appendix Fig. 2)

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$
Head	Aug. 27, 2020	1900.00	40.000	1.400	40.115	1.451	0.29%	3.64%
		1907.60	40.000	1.400	40.106	1.454	0.27%	3.86%
		2546.01	39.078	1.905	37.930	1.911	-2.94%	0.33%
		2600.00	39.009	1.964	37.903	1.970	-2.84%	0.32%
		5260.00	35.917	4.717	36.231	4.754	0.87%	0.80%
		5300.00	35.871	4.758	36.134	4.780	0.73%	0.47%
		5600.00	35.529	5.065	35.293	5.149	-0.66%	1.66%
		5690.00	35.426	5.157	35.145	5.252	-0.79%	1.84%

Table 2. Dielectric Parameters of Tissue Simulant Fluid

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The composition of the tissue simulating liquid:

Frequency (MHz)	Mode	Ingredient						Total amount
		DGMBE	Water	Salt	Preventol D-7	Cellulose	Sugar	
750	Head	—	532.98 g	18.3 g	2.4 g	3.2 g	766 g	1.3L(Kg)
850	Head	—	532.98 g	18.3 g	2.4 g	3.2 g	766 g	1.3L(Kg)
1750	Head	444.52 g	552.42 g	3.06 g	—	—	—	1.0L(Kg)
1900	Head	444.52 g	552.42 g	3.06 g	—	—	—	1.0L(Kg)
2300	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
2450	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
2600	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
3500	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
3700	Head	550ml	450ml	—	—	—	—	1.0L(Kg)

Simulating Liquids for 5 GHz, Manufactured by SPEAG:

Ingredients	Water	Esters, Emulsifiers, Inhibitors	Sodium and Salt
(% by weight)	60-80	20-40	0-1.5

Table 3. Recipes for tissue simulating liquid

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### 1.13 Test Standards and Limits

According to FCC 47CFR §2.1093(d) The limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for localized specific absorption rate ("SAR") in Section 4.2 of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE C95.1, By the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radio frequency Electromagnetic Fields," NCRP Report No. 86, Section 17.4.5. Copyright NCRP, 1986, Bethesda, Maryland 20814. SAR is a measure of the rate of energy absorption due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potential biological hazards. The criteria to be used are specified in paragraphs (d)(1) and (d)(2) of this section and shall apply for portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz are to be evaluated in terms of the MPE limits specified in § 1.1310 of this chapter.

Measurements and calculations to demonstrate compliance with MPE field strength or power density limits for devices operating above 6 GHz should be made at a minimum distance of 5 cm from the radiating source.

1. Limits for Occupational/Controlled exposure: 0.4 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 8 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 20 W/kg, as averaged over a 10 grams of tissue (defined as a tissue volume in the shape of a cube).

Occupational/Controlled limits apply when persons are exposed as a consequence of their employment provided these persons are fully aware of and exercise control over their exposure. Awareness of exposure can be accomplished by use of warning labels or by specific training or education through appropriate means, such as an RF safety program in a work environment.

2. Limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 1.6 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube).

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Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 4 W/kg, as averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube).

General Population/Uncontrolled limits apply when the general public may be exposed, or when persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or do not exercise control over their exposure.

Warning labels placed on consumer devices such as cellular telephones will not be sufficient reason to allow these devices to be evaluated subject to limits for occupational/controlled exposure in paragraph (d)(1) of this section.(Table .6)

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational
Spatial Peak SAR (Brain)	1.60 W/kg	8.00 W/kg
Spatial Average SAR (Whole Body)	0.08 W/kg	0.40 W/kg
Spatial Peak SAR (Hands/Feet/Ankle/Wrist)	4.00 W/kg	20.00 W/kg

Table 4. RF exposure limits

Notes:

1. Uncontrolled environments are defined as locations where there is potential exposure of individuals who have no knowledge or control of their potential exposure.
2. Controlled environments are defined as locations where there is potential exposure of individuals who have knowledge of their potential exposure and can exercise control over their exposure.

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## 2. Summary of Results

### 2.1 Decision rules

Reported measurement data comply with IEEE 1528-2013:  
Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

### 2.2 Summary of Results

#### Without WLAN

#### Head\_Upper antenna

#### GSM 850

Band	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850	Re Cheek	-	128	824.2	34.00	32.04	157.04%	0.698	1.096	-
	Re Cheek	-	190	836.5	34.00	32.42	143.88%	0.712	1.024	-
	Re Cheek	-	251	848.8	34.00	32.21	151.01%	0.759	1.146	1
	Re Tilt	-	190	836.5	34.00	32.42	143.88%	0.473	0.681	-
	Le Cheek	-	190	836.5	34.00	32.42	143.88%	0.522	0.751	-
	Le Tilt	-	190	836.5	34.00	32.42	143.88%	0.465	0.669	-

#### WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Re Cheek	-	4132	826.4	24.50	23.18	135.52%	0.714	0.968	-
	Re Cheek	-	4183	836.6	24.50	23.13	137.09%	0.730	1.001	2
	Re Cheek	-	4233	846.6	24.50	23.09	138.36%	0.687	0.951	-
	Re Tilt	-	4132	826.4	24.50	23.18	135.52%	0.460	0.623	-
	Le Cheek	-	4132	826.4	24.50	23.18	135.52%	0.541	0.733	-
	Le Tilt	-	4132	826.4	24.50	23.18	135.52%	0.498	0.675	-

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### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23060	704	24.5	22.82	147.23%	0.498	0.733	3
						RE Cheek	-	23095	707.5	24.5	22.79	148.25%	0.452	0.670	-
						RE Cheek	-	23130	711	24.5	22.92	143.88%	0.422	0.607	-
						RE Tilt	-	23130	711	24.5	22.92	143.88%	0.347	0.499	-
						LE Cheek	-	23130	711	24.5	22.92	143.88%	0.352	0.506	-
						LE Tilt	-	23130	711	24.5	22.92	143.88%	0.249	0.358	-
				25 RB	25	RE Cheek	-	23095	707.5	23.5	21.96	142.56%	0.333	0.475	-
						RE Tilt	-	23095	707.5	23.5	21.96	142.56%	0.267	0.381	-
						LE Cheek	-	23095	707.5	23.5	21.96	142.56%	0.271	0.386	-
						LE Tilt	-	23095	707.5	23.5	21.96	142.56%	0.198	0.282	-
						RE Cheek	-	23060	704	23.5	21.97	142.23%	0.319	0.454	-
						RE Tilt	-	23060	704	23.5	21.97	142.23%	0.256	0.364	-
50 RB		LE Cheek	-	23060	704	23.5	21.97	142.23%	0.266	0.378	-				
		LE Tilt	-	23060	704	23.5	21.97	142.23%	0.185	0.263	-				

### LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23230	782	24	23.10	123.03%	0.897	1.104	4
						RE Cheek*	-	23230	782	24	23.10	123.03%	0.893	1.099	-
						RE Cheek	-	23230	782	24	23.05	124.45%	0.768	0.956	-
						RE Cheek	-	23230	782	24	23.40	114.82%	0.785	0.901	-
						RE Tilt	-	23230	782	24	23.40	114.82%	0.522	0.599	-
						LE Cheek	-	23230	782	24	23.40	114.82%	0.612	0.703	-
				25 RB	12	RE Tilt	-	23230	782	24	23.40	114.82%	0.467	0.536	-
						RE Cheek	-	23230	782	23	22.27	118.30%	0.588	0.696	-
						RE Tilt	-	23230	782	23	22.27	118.30%	0.405	0.479	-
						LE Cheek	-	23230	782	23	22.27	118.30%	0.445	0.526	-
						LE Tilt	-	23230	782	23	22.27	118.30%	0.332	0.393	-
						RE Cheek	-	23230	782	23	22.16	121.34%	0.567	0.688	-
				50 RB		RE Tilt	-	23230	782	23	22.16	121.34%	0.380	0.461	-
						LE Cheek	-	23230	782	23	22.16	121.34%	0.465	0.564	-
						LE Tilt	-	23230	782	23	22.16	121.34%	0.359	0.436	-

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	24.5	23.70	120.23%	0.855	1.028	5
						RE Cheek*	-	26765	821.5	24.5	23.70	120.23%	0.853	1.026	-
						RE Cheek	-	26865	831.5	24.5	23.53	125.03%	0.804	1.005	-
						RE Cheek	-	26965	841.5	24.5	23.46	127.06%	0.756	0.961	-
						RE Tilt	-	26765	821.5	24.5	23.70	120.23%	0.553	0.665	-
						LE Cheek	-	26765	821.5	24.5	23.70	120.23%	0.615	0.739	-
				36 RB	18	LE Tilt	-	26765	821.5	24.5	23.70	120.23%	0.515	0.619	-
						RE Cheek	-	26765	821.5	23.5	22.71	119.95%	0.645	0.774	-
						RE Tilt	-	26765	821.5	23.5	22.71	119.95%	0.412	0.494	-
						LE Cheek	-	26765	821.5	23.5	22.71	119.95%	0.514	0.617	-
						LE Tilt	-	26765	821.5	23.5	22.71	119.95%	0.432	0.518	-
						RE Cheek	-	26765	821.5	23.5	22.70	120.23%	0.623	0.749	-
				75 RB		RE Tilt	-	26765	821.5	23.5	22.70	120.23%	0.433	0.521	-
						LE Cheek	-	26765	821.5	23.5	22.70	120.23%	0.502	0.604	-
						LE Tilt	-	26765	821.5	23.5	22.70	120.23%	0.412	0.495	-

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

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### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	133222	673	24.5	23.71	119.95%	0.489	0.587	-
						RE Cheek	-	133297	680.5	24.5	23.70	120.23%	0.512	0.616	-
						RE Cheek	-	133372	688	24.5	23.75	118.85%	0.552	0.656	6
						RE Tilt	-	133372	688	24.5	23.75	118.85%	0.322	0.383	-
						LE Cheek	-	133372	688	24.5	23.75	118.85%	0.438	0.521	-
						LE Tilt	-	133372	688	24.5	23.75	118.85%	0.277	0.329	-
				50 RB	0	RE Cheek	-	133222	673	23.5	22.81	117.22%	0.411	0.482	-
						RE Tilt	-	133222	673	23.5	22.81	117.22%	0.267	0.313	-
						LE Cheek	-	133222	673	23.5	22.81	117.22%	0.339	0.397	-
						LE Tilt	-	133222	673	23.5	22.81	117.22%	0.209	0.245	-
						RE Cheek	-	133222	673	23.5	22.79	117.76%	0.398	0.469	-
						RE Tilt	-	133222	673	23.5	22.79	117.76%	0.259	0.305	-
100 RB	0	LE Cheek	-	133222	673	23.5	22.79	117.76%	0.322	0.379	-				
		LE Tilt	-	133222	673	23.5	22.79	117.76%	0.218	0.257	-				

### Without WLAN Head\_Lower antenna

### GSM 850

Band	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850	Re Cheek	-	128	824.2	34.00	32.04	157.04%	0.123	0.193	-
	Re Cheek	-	190	836.5	34.00	32.42	143.88%	0.196	0.282	7
	Re Cheek	-	251	848.8	34.00	32.21	151.01%	0.154	0.233	-
	Re Tilt	-	190	836.5	34.00	32.42	143.88%	0.087	0.125	-
	Le Cheek	-	190	836.5	34.00	32.42	143.88%	0.122	0.176	-
	Le Tilt	-	190	836.5	34.00	32.42	143.88%	0.067	0.097	-

### GSM 1900

Band	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 1900	Re Cheek	-	661	1880	31.00	30.50	112.20%	0.081	0.091	-
	Re Tilt	-	661	1880	31.00	30.50	112.20%	0.052	0.059	-
	Le Cheek	-	512	1850.2	31.00	30.13	122.18%	0.083	0.102	-
	Le Cheek	-	661	1880	31.00	30.50	112.20%	0.105	0.118	8
	Le Cheek	-	810	1909.8	31.00	30.22	119.67%	0.071	0.085	-
	Le Tilt	-	661	1880	31.00	30.50	112.20%	0.068	0.077	-

### WCDMA Band II

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Re Cheek	-	9400	1880	24.50	23.11	137.72%	0.182	0.251	-
	Re Tilt	-	9400	1880	24.50	23.11	137.72%	0.132	0.182	-
	Le Cheek	-	9262	1852.4	24.50	23.09	138.36%	0.182	0.252	-
	Le Cheek	-	9400	1880	24.50	23.11	137.72%	0.219	0.302	9
	Le Cheek	-	9538	1907.6	24.50	23.04	139.96%	0.154	0.216	-
	Le Tilt	-	9400	1880	24.50	23.11	137.72%	0.167	0.230	-

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### WCDMA Band IV

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Re Cheek	-	1513	1752.6	23.50	22.97	112.98%	0.156	0.176	-
	Re Tilt	-	1513	1752.6	23.50	22.97	112.98%	0.112	0.127	-
	Le Cheek	-	1312	1712.4	23.50	22.96	113.24%	0.189	0.214	-
	Le Cheek	-	1412	1732.4	23.50	22.93	114.02%	0.176	0.201	-
	Le Cheek	-	1513	1752.6	23.50	22.97	112.98%	0.218	0.246	10
	Le Tilt	-	1513	1752.6	23.50	22.97	112.98%	0.142	0.160	-

### WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Re Cheek	-	4132	826.4	24.50	23.18	135.52%	0.104	0.141	11
	Re Cheek	-	4183	836.6	24.50	23.13	137.09%	0.092	0.126	-
	Re Cheek	-	4233	846.6	24.50	23.09	138.36%	0.073	0.101	-
	Re Tilt	-	4132	826.4	24.50	23.18	135.52%	0.076	0.103	-
	Le Cheek	-	4132	826.4	24.50	23.18	135.52%	0.081	0.110	-
	Le Tilt	-	4132	826.4	24.50	23.18	135.52%	0.052	0.071	-

### LTE FDD Band 7

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 7	Head	20MHz	QPSK	1 RB	99	RE Cheek	-	21350	2560	23.5	22.71	119.95%	0.081	0.097	-
						RE Tilt	-	21350	2560	23.5	22.71	119.95%	0.049	0.058	-
						LE Cheek	-	20850	2510	23.5	22.70	120.23%	0.088	0.106	-
						LE Cheek	-	21100	2535	23.5	22.60	123.03%	0.083	0.102	-
						LE Cheek	-	21350	2560	23.5	22.71	119.95%	0.106	0.127	12
						LE Tilt	-	21350	2560	23.5	22.71	119.95%	0.072	0.087	-
				50 RB	50	RE Cheek	-	21350	2560	22.5	21.71	119.95%	0.057	0.069	-
						RE Tilt	-	21350	2560	22.5	21.71	119.95%	0.041	0.049	-
						LE Cheek	-	21350	2560	22.5	21.71	119.95%	0.081	0.097	-
						LE Tilt	-	21350	2560	22.5	21.71	119.95%	0.057	0.069	-
						RE Cheek	-	21100	2535	22.5	21.68	120.78%	0.049	0.059	-
						RE Tilt	-	21100	2535	22.5	21.68	120.78%	0.037	0.045	-
				100 RB		LE Cheek	-	21100	2535	22.5	21.68	120.78%	0.072	0.087	-
						LE Tilt	-	21100	2535	22.5	21.68	120.78%	0.041	0.050	-
						LE Cheek	-	21350	2560	23.5	22.66	121.34%	0.100	0.121	-
CA_7C	Head	20MHz	QPSK	1 RB	99	LE Cheek	-	21350	2560	23.5	22.66	121.34%	0.100	0.121	-

### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23060	704	24.5	22.82	147.23%	0.113	0.166	13
						RE Cheek	-	23095	707.5	24.5	22.79	148.25%	0.101	0.150	-
						RE Cheek	-	23130	711	24.5	22.92	143.88%	0.093	0.134	-
						RE Tilt	-	23130	711	24.5	22.92	143.88%	0.042	0.060	-
						LE Cheek	-	23130	711	24.5	22.92	143.88%	0.067	0.097	-
						LE Tilt	-	23130	711	24.5	22.92	143.88%	0.023	0.033	-
				25 RB	25	RE Cheek	-	23095	707.5	23.5	21.96	142.56%	0.077	0.110	-
						RE Tilt	-	23095	707.5	23.5	21.96	142.56%	0.032	0.046	-
						LE Cheek	-	23095	707.5	23.5	21.96	142.56%	0.050	0.071	-
						LE Tilt	-	23095	707.5	23.5	21.96	142.56%	0.012	0.018	-
						RE Cheek	-	23060	704	23.5	21.97	142.23%	0.071	0.101	-
						RE Tilt	-	23060	704	23.5	21.97	142.23%	0.030	0.043	-
				50 RB		LE Cheek	-	23060	704	23.5	21.97	142.23%	0.051	0.073	-
						LE Tilt	-	23060	704	23.5	21.97	142.23%	0.016	0.022	-

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### LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23230	782	24.5	23.10	138.04%	0.131	0.181	14
						RE Cheek	-	23230	782	24.5	23.05	139.64%	0.110	0.154	-
						RE Cheek	-	23230	782	24.5	23.40	128.82%	0.102	0.131	-
					49	RE Tilt	-	23230	782	24.5	23.40	128.82%	0.052	0.067	-
						LE Cheek	-	23230	782	24.5	23.40	128.82%	0.071	0.092	-
						LE Tilt	-	23230	782	24.5	23.40	128.82%	0.029	0.037	-
				25 RB	12	RE Cheek	-	23230	782	23.5	22.27	132.74%	0.072	0.095	-
						RE Tilt	-	23230	782	23.5	22.27	132.74%	0.036	0.047	-
						LE Cheek	-	23230	782	23.5	22.27	132.74%	0.054	0.072	-
				50 RB		LE Tilt	-	23230	782	23.5	22.27	132.74%	0.018	0.024	-
						RE Cheek	-	23230	782	23.5	22.16	136.14%	0.063	0.086	-
						RE Tilt	-	23230	782	23.5	22.16	136.14%	0.032	0.044	-
						LE Cheek	-	23230	782	23.5	22.16	136.14%	0.046	0.063	-
						LE Tilt	-	23230	782	23.5	22.16	136.14%	0.017	0.022	-
						LE Cheek	-	23230	782	23.5	22.16	136.14%	0.046	0.063	-

### LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	26140	1860	24.5	23.58	123.59%	0.178	0.220	-
						RE Tilt	-	26140	1860	24.5	23.58	123.59%	0.109	0.135	-
						LE Cheek	-	26140	1860	24.5	23.58	123.59%	0.211	0.261	-
						LE Cheek	-	26365	1882.5	24.5	23.48	126.47%	0.224	0.283	-
						LE Cheek	-	26590	1905	24.5	23.38	129.42%	0.256	0.331	15
						LE Tilt	-	26140	1860	24.5	23.58	123.59%	0.123	0.152	-
				50 RB	0	RE Cheek	-	26140	1860	23.5	22.70	120.23%	0.143	0.172	-
						RE Tilt	-	26140	1860	23.5	22.70	120.23%	0.084	0.101	-
						LE Cheek	-	26140	1860	23.5	22.70	120.23%	0.178	0.214	-
				100 RB		LE Tilt	-	26140	1860	23.5	22.70	120.23%	0.098	0.118	-
						RE Cheek	-	26365	1882.5	23.5	22.61	122.74%	0.132	0.162	-
						RE Tilt	-	26365	1882.5	23.5	22.61	122.74%	0.078	0.096	-
						LE Cheek	-	26365	1882.5	23.5	22.61	122.74%	0.153	0.188	-
						LE Tilt	-	26365	1882.5	23.5	22.61	122.74%	0.081	0.100	-
						LE Cheek	-	26365	1882.5	23.5	22.61	122.74%	0.153	0.188	-

### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	24.5	23.70	120.23%	0.117	0.141	16
						RE Cheek	-	26865	831.5	24.5	23.53	125.03%	0.102	0.128	-
						RE Cheek	-	26965	841.5	24.5	23.46	127.06%	0.109	0.138	-
						RE Tilt	-	26765	821.5	24.5	23.70	120.23%	0.068	0.082	-
						LE Cheek	-	26765	821.5	24.5	23.70	120.23%	0.076	0.092	-
						LE Tilt	-	26765	821.5	24.5	23.70	120.23%	0.042	0.051	-
				36 RB	18	RE Cheek	-	26765	821.5	23.5	22.71	119.95%	0.092	0.110	-
						RE Tilt	-	26765	821.5	23.5	22.71	119.95%	0.053	0.064	-
						LE Cheek	-	26765	821.5	23.5	22.71	119.95%	0.059	0.071	-
				75 RB		LE Tilt	-	26765	821.5	23.5	22.71	119.95%	0.034	0.041	-
						RE Cheek	-	26765	821.5	23.5	22.70	120.23%	0.086	0.104	-
						RE Tilt	-	26765	821.5	23.5	22.70	120.23%	0.051	0.062	-
						LE Cheek	-	26765	821.5	23.5	22.70	120.23%	0.054	0.065	-
						LE Tilt	-	26765	821.5	23.5	22.70	120.23%	0.029	0.035	-
						LE Cheek	-	26765	821.5	23.5	22.70	120.23%	0.029	0.035	-
CA_5B	Head	10MHz	QPSK	1	0	RE Cheek	-	20450	829	24.5	22.99	141.58%	0.092	0.130	-

### LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Head	10MHz	QPSK	1 RB	0	LE Cheek	-	27710	2310	23.5	23.12	109.14%	0.165	0.180	17
						LE Cheek	-	27710	2310	23.5	23.13	108.89%	0.152	0.166	-
						RE Cheek	-	27710	2310	23.5	23.21	106.91%	0.102	0.109	-
					49	RE Tilt	-	27710	2310	23.5	23.21	106.91%	0.065	0.070	-
						LE Cheek	-	27710	2310	23.5	23.21	106.91%	0.158	0.169	-
						LE Tilt	-	27710	2310	23.5	23.21	106.91%	0.112	0.120	-
				25 RB	25	RE Cheek	-	27710	2310	22.5	22.34	103.75%	0.078	0.081	-
						RE Tilt	-	27710	2310	22.5	22.34	103.75%	0.051	0.053	-
						LE Cheek	-	27710	2310	22.5	22.34	103.75%	0.122	0.127	-
				50 RB		LE Tilt	-	27710	2310	22.5	22.34	103.75%	0.070	0.073	-
						RE Cheek	-	27710	2310	22.5	22.31	104.47%	0.082	0.086	-
						RE Tilt	-	27710	2310	22.5	22.31	104.47%	0.046	0.048	-
						LE Cheek	-	27710	2310	22.5	22.31	104.47%	0.109	0.114	-
						LE Tilt	-	27710	2310	22.5	22.31	104.47%	0.062	0.065	-
						LE Cheek	-	27710	2310	22.5	22.31	104.47%	0.109	0.114	-

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### LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page				
													Measured	Reported					
LTE Band 41	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	41490	2680	24.5	23.72	119.67%	0.124	0.148	-				
						RE Tilt	-	41490	2680	24.5	23.72	119.67%	0.076	0.090	-				
						LE Cheek	-	39750	2506	24.5	23.66	121.34%	0.122	0.148	-				
						LE Cheek	-	40185	2549.5	24.5	23.56	124.17%	0.127	0.158	-				
						LE Cheek	-	40620	2593	24.5	23.65	121.62%	0.133	0.162	-				
						LE Cheek	-	41055	2636.5	24.5	23.69	120.50%	0.142	0.171	-				
				LE Cheek	-	41490	2680	24.5	23.72	119.67%	0.150	0.180	18						
				LE Tilt	-	41490	2680	24.5	23.72	119.67%	0.089	0.107	-						
				RE Cheek	-	41490	2680	23.5	22.69	120.50%	0.097	0.116	-						
				RE Tilt	-	41490	2680	23.5	22.69	120.50%	0.056	0.068	-						
				LE Cheek	-	41490	2680	23.5	22.69	120.50%	0.122	0.147	-						
				LE Tilt	-	41490	2680	23.5	22.69	120.50%	0.065	0.079	-						
				RE Cheek	-	39750	2506	23.5	22.73	119.40%	0.091	0.109	-						
				RE Tilt	-	39750	2506	23.5	22.73	119.40%	0.051	0.061	-						
				LE Cheek	-	39750	2506	23.5	22.73	119.40%	0.109	0.130	-						
				LE Tilt	-	39750	2506	23.5	22.73	119.40%	0.069	0.083	-						
				CA_38C	Head	20MHz	QPSK	1	0	LE Cheek	-	37850	2580	24.5	23.67	121.06%	0.138	0.167	-
				CA_41C	Head	20MHz	QPSK	1	0	LE Cheek	-	41490	2680	24.5	23.70	120.23%	0.143	0.172	-

### LTE TDD Band 48

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 48	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	56640	3690	24.5	23.99	112.46%	0.034	0.039	-
						RE Tilt	-	56640	3690	24.5	23.99	112.46%	0.020	0.022	-
						LE Cheek	-	55340	3560	24.5	23.83	116.68%	0.047	0.054	-
						LE Cheek	-	55773	3603.3	24.5	23.82	116.95%	0.069	0.080	20
						LE Cheek	-	56207	3646.7	24.5	23.98	112.72%	0.032	0.036	-
						LE Cheek	-	56640	3690	24.5	23.99	112.46%	0.044	0.050	-
				LE Tilt	-	56640	3690	24.5	23.99	112.46%	0.025	0.029	-		
				RE Cheek	-	56640	3690	23.5	22.96	113.24%	0.024	0.028	-		
				RE Tilt	-	56640	3690	23.5	22.96	113.24%	0.017	0.019	-		
				LE Cheek	-	56640	3690	23.5	22.96	113.24%	0.054	0.061	-		
				LE Tilt	-	56640	3690	23.5	22.96	113.24%	0.030	0.034	-		
				RE Cheek	-	56640	3690	23.5	22.99	112.46%	0.022	0.025	-		
				RE Tilt	-	56640	3690	23.5	22.99	112.46%	0.014	0.016	-		
				LE Cheek	-	56640	3690	23.5	22.99	112.46%	0.046	0.052	-		
				LE Tilt	-	56640	3690	23.5	22.99	112.46%	0.027	0.030	-		

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### LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	132322	1745	24.5	23.57	123.88%	0.198	0.245	-
						RE Tilt	-	132322	1745	24.5	23.57	123.88%	0.133	0.165	-
						LE Cheek	-	132072	1720	24.5	23.55	124.45%	0.211	0.263	-
						LE Cheek	-	132322	1745	24.5	23.57	123.88%	0.232	0.287	-
						LE Cheek	-	132572	1770	24.5	23.45	127.35%	0.269	0.343	21
						LE Tilt	-	132322	1745	24.5	23.57	123.88%	0.176	0.218	-
				50 RB	25	RE Cheek	-	132572	1770	23.5	22.57	123.88%	0.156	0.193	-
						RE Tilt	-	132572	1770	23.5	22.57	123.88%	0.102	0.126	-
						LE Cheek	-	132572	1770	23.5	22.57	123.88%	0.176	0.218	-
						LE Tilt	-	132572	1770	23.5	22.57	123.88%	0.122	0.151	-
						RE Cheek	-	132072	1720	23.5	22.44	127.64%	0.142	0.181	-
						RE Tilt	-	132072	1720	23.5	22.44	127.64%	0.106	0.135	-
				100 RB		LE Cheek	-	132072	1720	23.5	22.44	127.64%	0.168	0.214	-
						LE Cheek	-	132072	1720	23.5	22.44	127.64%	0.132	0.168	-
						LE Tilt	-	132072	1720	23.5	22.44	127.64%	0.132	0.168	-

### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	133222	673	24.5	23.71	119.95%	0.143	0.172	22
						RE Cheek	-	133297	680.5	24.5	23.70	120.23%	0.132	0.159	-
						RE Cheek	-	133372	688	24.5	23.75	118.85%	0.122	0.145	-
						RE Tilt	-	133372	688	24.5	23.75	118.85%	0.068	0.081	-
						LE Cheek	-	133372	688	24.5	23.75	118.85%	0.089	0.106	-
						LE Tilt	-	133372	688	24.5	23.75	118.85%	0.044	0.053	-
				50 RB	0	RE Cheek	-	133222	673	23.5	22.81	117.22%	0.091	0.107	-
						RE Tilt	-	133222	673	23.5	22.81	117.22%	0.051	0.060	-
						LE Cheek	-	133222	673	23.5	22.81	117.22%	0.067	0.079	-
						LE Tilt	-	133222	673	23.5	22.81	117.22%	0.036	0.043	-
						RE Cheek	-	133222	673	23.5	22.79	117.76%	0.089	0.105	-
						RE Tilt	-	133222	673	23.5	22.79	117.76%	0.052	0.062	-
				100 RB		LE Cheek	-	133222	673	23.5	22.79	117.76%	0.056	0.066	-
						LE Cheek	-	133222	673	23.5	22.79	117.76%	0.032	0.038	-
						LE Tilt	-	133222	673	23.5	22.79	117.76%	0.032	0.038	-

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**Hotspot mode**  
**Hotspot\_Upper antenna**

**GPRS850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	34.0	32.13	153.82%	0.301	0.463	-
	Front side	10	190	836.5	34.0	32.20	151.36%	0.308	0.466	-
	Front side	10	251	848.8	34.0	32.19	151.71%	0.350	0.531	23
	Back side	10	190	836.5	34.0	32.20	151.36%	0.260	0.394	-
	Top side	10	190	836.5	34.0	32.20	151.36%	0.188	0.285	-
	Bottom side	10	190	836.5	34.0	32.20	151.36%	0.004	0.006	-
	Right side	10	190	836.5	34.0	32.20	151.36%	0.159	0.241	-
Left side	10	190	836.5	34.0	32.20	151.36%	0.092	0.140	-	

**WCDMA Band V**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	10	4132	826.4	24.5	23.18	135.52%	0.211	0.286	-
	Front side	10	4183	836.6	24.5	23.13	137.09%	0.218	0.299	24
	Front side	10	4233	846.6	24.5	23.09	138.36%	0.201	0.278	-
	Back side	10	4132	826.4	24.5	23.18	135.52%	0.193	0.262	-
	Top side	10	4132	826.4	24.5	23.18	135.52%	0.183	0.248	-
	Bottom side	10	4132	826.4	24.5	23.18	135.52%	0.002	0.003	-
	Right side	10	4132	826.4	24.5	23.18	135.52%	0.112	0.152	-
Left side	10	4132	826.4	24.5	23.18	135.52%	0.071	0.096	-	

**LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	23060	704	24.5	22.82	147.23%	0.118	0.174	25
						Front side	10	23095	707.5	24.5	22.79	148.25%	0.115	0.170	-
						Front side	10	23130	711	24.5	22.92	143.88%	0.109	0.157	-
						Back side	10	23130	711	24.5	22.92	143.88%	0.098	0.140	-
						Top side	10	23130	711	24.5	22.92	143.88%	0.085	0.122	-
						Bottom side	10	23130	711	24.5	22.92	143.88%	0.002	0.003	-
						Right side	10	23130	711	24.5	22.92	143.88%	0.073	0.105	-
						Left side	10	23130	711	24.5	22.92	143.88%	0.005	0.007	-
						Front side	10	23095	707.5	23.5	21.96	142.56%	0.117	0.167	-
						Back side	10	23095	707.5	23.5	21.96	142.56%	0.097	0.138	-
						Top side	10	23095	707.5	23.5	21.96	142.56%	0.083	0.118	-
						Bottom side	10	23095	707.5	23.5	21.96	142.56%	0.002	0.003	-
				Right side	10	23095	707.5	23.5	21.96	142.56%	0.072	0.103	-		
				Left side	10	23095	707.5	23.5	21.96	142.56%	0.005	0.007	-		
				Front side	10	23060	704	23.5	21.97	142.23%	0.115	0.164	-		
				Back side	10	23060	704	23.5	21.97	142.23%	0.094	0.134	-		
				Top side	10	23060	704	23.5	21.97	142.23%	0.082	0.116	-		
				Bottom side	10	23060	704	23.5	21.97	142.23%	0.001	0.002	-		
				Right side	10	23060	704	23.5	21.97	142.23%	0.071	0.102	-		
				Left side	10	23060	704	23.5	21.97	142.23%	0.004	0.006	-		

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### LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page			
													Measured	Reported				
LTE Band 13	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	23230	782	24.5	23.10	138.04%	0.223	0.308	-			
						Back side	10	23230	782	24.5	23.05	139.64%	0.218	0.304	-			
						49	Front side	10	23230	782	24.5	23.40	128.82%	0.244	0.314	26		
							Back side	10	23230	782	24.5	23.40	128.82%	0.208	0.268	-		
							Top side	10	23230	782	24.5	23.40	128.82%	0.155	0.200	-		
							Bottom side	10	23230	782	24.5	23.40	128.82%	0.005	0.007	-		
							Right side	10	23230	782	24.5	23.40	128.82%	0.123	0.158	-		
							Left side	10	23230	782	24.5	23.40	128.82%	0.065	0.083	-		
							25 RB	12	Front side	10	23230	782	23.5	22.27	132.74%	0.204	0.271	-
									Back side	10	23230	782	23.5	22.27	132.74%	0.175	0.232	-
				50 RB		Top side	10	23230	782	23.5	22.27	132.74%	0.134	0.178	-			
						Bottom side	10	23230	782	23.5	22.27	132.74%	0.004	0.005	-			
						Right side	10	23230	782	23.5	22.27	132.74%	0.114	0.151	-			
						Left side	10	23230	782	23.5	22.27	132.74%	0.063	0.084	-			
						Front side	10	23230	782	23.5	22.16	136.14%	0.178	0.242	-			
						Back side	10	23230	782	23.5	22.16	136.14%	0.146	0.199	-			
						Top side	10	23230	782	23.5	22.16	136.14%	0.106	0.144	-			
						Bottom side	10	23230	782	23.5	22.16	136.14%	0.003	0.004	-			
						Right side	10	23230	782	23.5	22.16	136.14%	0.094	0.128	-			
						Left side	10	23230	782	23.5	22.16	136.14%	0.062	0.085	-			

### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 26	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	26765	821.5	24.5	23.70	120.23%	0.271	0.326	27		
						Front side	10	26865	831.5	24.5	23.53	125.03%	0.255	0.319	-		
						Front side	10	26965	841.5	24.5	23.46	127.06%	0.242	0.307	-		
						Back side	10	26765	821.5	24.5	23.70	120.23%	0.215	0.258	-		
						Top side	10	26765	821.5	24.5	23.70	120.23%	0.170	0.204	-		
						Bottom side	10	26765	821.5	24.5	23.70	120.23%	0.001	0.001	-		
						Right side	10	26765	821.5	24.5	23.70	120.23%	0.109	0.131	-		
						Left side	10	26765	821.5	24.5	23.70	120.23%	0.085	0.102	-		
						36 RB	18	Front side	10	26765	821.5	23.5	22.71	119.95%	0.169	0.203	-
								Back side	10	26765	821.5	23.5	22.71	119.95%	0.200	0.240	-
				Top side	10			26765	821.5	23.5	22.71	119.95%	0.157	0.188	-		
				Bottom side	10			26765	821.5	23.5	22.71	119.95%	0.001	0.001	-		
				Right side	10			26765	821.5	23.5	22.71	119.95%	0.101	0.121	-		
				Left side	10			26765	821.5	23.5	22.71	119.95%	0.073	0.088	-		
				75 RB				Front side	10	26765	821.5	23.5	22.70	120.23%	0.164	0.197	-
								Back side	10	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-
								Top side	10	26765	821.5	23.5	22.70	120.23%	0.126	0.151	-
								Bottom side	10	26765	821.5	23.5	22.70	120.23%	0.001	0.001	-
						Right side	10	26765	821.5	23.5	22.70	120.23%	0.102	0.123	-		
						Left side	10	26765	821.5	23.5	22.70	120.23%	0.064	0.077	-		

### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 71	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	133222	673	24.5	23.71	119.95%	0.097	0.116	-		
						Front side	10	133297	680.5	24.5	23.70	120.23%	0.086	0.103	-		
						Front side	10	133372	688	24.5	23.75	118.85%	0.108	0.128	28		
						Back side	10	133372	688	24.5	23.75	118.85%	0.096	0.114	-		
						Top side	10	133372	688	24.5	23.75	118.85%	0.080	0.095	-		
						Bottom side	10	133372	688	24.5	23.75	118.85%	0.001	0.001	-		
						Right side	10	133372	688	24.5	23.75	118.85%	0.002	0.002	-		
						Left side	10	133372	688	24.5	23.75	118.85%	0.057	0.068	-		
						50 RB	0	Front side	10	133222	673	23.5	22.81	117.22%	0.084	0.098	-
								Back side	10	133222	673	23.5	22.81	117.22%	0.081	0.095	-
				Top side	10			133222	673	23.5	22.81	117.22%	0.077	0.090	-		
				Bottom side	10			133222	673	23.5	22.81	117.22%	0.001	0.001	-		
				Right side	10			133222	673	23.5	22.81	117.22%	0.001	0.001	-		
				Left side	10			133222	673	23.5	22.81	117.22%	0.042	0.049	-		
				100 RB				Front side	10	133222	673	23.5	22.79	117.76%	0.083	0.098	-
								Back side	10	133222	673	23.5	22.79	117.76%	0.078	0.092	-
								Top side	10	133222	673	23.5	22.79	117.76%	0.074	0.087	-
								Bottom side	10	133222	673	23.5	22.79	117.76%	0.001	0.001	-
						Right side	10	133222	673	23.5	22.79	117.76%	0.001	0.001	-		
						Left side	10	133222	673	23.5	22.79	117.76%	0.040	0.047	-		

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**Hotspot mode**  
**Hotspot\_Lower antenna**  
**GPRS1900**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 1900 <1Dn2Up> (Hotspot)	Front side	10	661	1880	27.5	27.45	101.16%	0.389	0.393	-
	Back side	10	661	1880	27.5	27.45	101.16%	0.428	0.433	-
	Top side	10	661	1880	27.5	27.45	101.16%	0.001	0.001	-
	Bottom side	10	512	1850.2	27.5	27.38	102.80%	0.933	0.959	-
	Bottom side	10	661	1880	27.5	27.45	101.16%	1.010	1.022	-
	Bottom side	10	810	1909.8	27.5	27.40	102.33%	1.110	1.136	29
	Bottom side*	10	810	1909.8	27.5	27.40	102.33%	1.108	1.134	-
	Right side	10	661	1880	27.5	27.45	101.16%	0.144	0.146	-
Left side	10	661	1880	27.5	27.45	101.16%	0.237	0.240	-	

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

**WCDMA Band II**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Front side	10	9400	1880	21.5	21.41	102.09%	0.205	0.209	-
	Back side	10	9400	1880	21.5	21.41	102.09%	0.365	0.373	-
	Top side	10	9400	1880	21.5	21.41	102.09%	0.003	0.003	-
	Bottom side	10	9262	1852.4	21.5	21.39	102.57%	0.985	1.010	-
	Bottom side	10	9400	1880	21.5	21.41	102.09%	1.030	1.052	-
	Bottom side	10	9538	1907.6	21.5	21.34	103.75%	1.130	1.172	30
	Bottom side*	10	9538	1907.6	21.5	21.34	103.75%	1.125	1.167	-
	Bottom side**	10	9538	1907.6	21.5	21.34	103.75%	1.090	1.131	-
	Right side	10	9400	1880	21.5	21.41	102.09%	0.068	0.069	-
Left side	10	9400	1880	21.5	21.41	102.09%	0.121	0.124	-	

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

\*\* - Spot check for fan

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### WCDMA Band IV

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Front side	10	1513	1752.6	22.5	22.48	100.46%	0.291	0.292	-
	Back side	10	1513	1752.6	22.5	22.48	100.46%	0.493	0.495	-
	Top side	10	1513	1752.6	22.5	22.48	100.46%	0.001	0.001	-
	Bottom side	10	1312	1712.4	22.5	22.46	100.93%	1.020	1.029	-
	Bottom side	10	1412	1732.4	22.5	22.43	101.62%	1.080	1.098	31
	Bottom side*	10	1412	1732.4	22.5	22.43	101.62%	1.070	1.087	-
	Bottom side	10	1513	1752.6	22.5	22.48	100.46%	1.030	1.035	-
	Right side	10	1513	1752.6	22.5	22.48	100.46%	0.070	0.070	-
Left side	10	1513	1752.6	22.5	22.48	100.46%	0.163	0.164	-	

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

### WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	10	4132	826.4	24.5	23.18	135.52%	0.464	0.629	-
	Front side	10	4183	836.6	24.5	23.13	137.09%	0.463	0.635	-
	Front side	10	4233	846.6	24.5	23.09	138.36%	0.517	0.715	32
	Back side	10	4132	826.4	24.5	23.18	135.52%	0.468	0.634	-
	Top side	10	4132	826.4	24.5	23.18	135.52%	0.001	0.002	-
	Bottom side	10	4132	826.4	24.5	23.18	135.52%	0.316	0.428	-
	Right side	10	4132	826.4	24.5	23.18	135.52%	0.156	0.211	-
Left side	10	4132	826.4	24.5	23.18	135.52%	0.105	0.142	-	

### LTE FDD Band 7

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 7	Hotspot	20MHz	QPSK	1 RB	99	Front side	10	21350	2560	23.5	22.71	119.95%	0.286	0.343	-
						Back side	10	21350	2560	23.5	22.71	119.95%	0.304	0.365	-
						Top side	10	21350	2560	23.5	22.71	119.95%	0.002	0.002	-
						Bottom side	10	20850	2510	23.5	22.70	120.23%	0.439	0.528	-
						Bottom side	10	21100	2535	23.5	22.60	123.03%	0.584	0.718	-
						Bottom side	10	21350	2560	23.5	22.71	119.95%	0.688	0.825	33
						Right side	10	21350	2560	23.5	22.71	119.95%	0.059	0.071	-
						Left side	10	21350	2560	23.5	22.71	119.95%	0.205	0.246	-
						Front side	10	21350	2560	22.5	21.71	119.95%	0.204	0.245	-
						Back side	10	21350	2560	22.5	21.71	119.95%	0.281	0.337	-
				Top side	10	21350	2560	22.5	21.71	119.95%	0.001	0.002	-		
				Bottom side	10	21350	2560	22.5	21.71	119.95%	0.526	0.631	-		
				Right side	10	21350	2560	22.5	21.71	119.95%	0.044	0.052	-		
				Left side	10	21350	2560	22.5	21.71	119.95%	0.218	0.261	-		
				Front side	10	21100	2535	22.5	21.68	120.78%	0.198	0.239	-		
				Back side	10	21100	2535	22.5	21.68	120.78%	0.269	0.325	-		
				Top side	10	21100	2535	22.5	21.68	120.78%	0.001	0.002	-		
				Bottom side	10	21100	2535	22.5	21.68	120.78%	0.404	0.488	-		
				Right side	10	21100	2535	22.5	21.68	120.78%	0.036	0.044	-		
				Left side	10	21100	2535	22.5	21.68	120.78%	0.209	0.252	-		
CA_7C	Hotspot	20MHz	QPSK	1 RB	99	Bottom side	10	21350	2560	23.5	22.66	121.34%	0.677	0.821	-

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### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	23060	704	24.5	22.82	147.23%	0.195	0.287	34
						Front side	10	23095	707.5	24.5	22.79	148.25%	0.188	0.279	-
						Front side	10	23130	711	24.5	22.92	143.88%	0.191	0.275	-
						Back side	10	23130	711	24.5	22.92	143.88%	0.189	0.272	-
						Top side	10	23130	711	24.5	22.92	143.88%	0.001	0.001	-
						Bottom side	10	23130	711	24.5	22.92	143.88%	0.164	0.236	-
						Right side	10	23130	711	24.5	22.92	143.88%	0.002	0.003	-
				Left side	10	23130	711	24.5	22.92	143.88%	0.002	0.003	-		
				25 RB	25	Front side	10	23095	707.5	23.5	21.96	142.56%	0.138	0.197	-
						Back side	10	23095	707.5	23.5	21.96	142.56%	0.126	0.180	-
						Top side	10	23095	707.5	23.5	21.96	142.56%	0.001	0.001	-
						Bottom side	10	23095	707.5	23.5	21.96	142.56%	0.119	0.170	-
						Right side	10	23095	707.5	23.5	21.96	142.56%	0.002	0.003	-
						Left side	10	23095	707.5	23.5	21.96	142.56%	0.002	0.003	-
						Front side	10	23060	704	23.5	21.97	142.23%	0.140	0.199	-
				50 RB		Back side	10	23060	704	23.5	21.97	142.23%	0.125	0.178	-
						Top side	10	23060	704	23.5	21.97	142.23%	0.001	0.001	-
						Bottom side	10	23060	704	23.5	21.97	142.23%	0.116	0.165	-
						Right side	10	23060	704	23.5	21.97	142.23%	0.002	0.003	-
						Left side	10	23060	704	23.5	21.97	142.23%	0.002	0.002	-

### LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	23230	782	24.5	23.10	138.04%	0.332	0.458	35
						Front side	10	23230	782	24.5	23.05	139.64%	0.316	0.441	-
						Front side	10	23230	782	24.5	23.40	128.82%	0.328	0.423	-
						Back side	10	23230	782	24.5	23.40	128.82%	0.307	0.395	-
						Top side	10	23230	782	24.5	23.40	128.82%	0.001	0.002	-
						Bottom side	10	23230	782	24.5	23.40	128.82%	0.236	0.304	-
						Right side	10	23230	782	24.5	23.40	128.82%	0.002	0.003	-
				Left side	10	23230	782	24.5	23.40	128.82%	0.001	0.002	-		
				25 RB	12	Front side	10	23230	782	23.5	22.27	132.74%	0.311	0.413	-
						Back side	10	23230	782	23.5	22.27	132.74%	0.288	0.382	-
						Top side	10	23230	782	23.5	22.27	132.74%	0.001	0.001	-
						Bottom side	10	23230	782	23.5	22.27	132.74%	0.218	0.289	-
						Right side	10	23230	782	23.5	22.27	132.74%	0.001	0.002	-
						Left side	10	23230	782	23.5	22.27	132.74%	0.001	0.002	-
						Front side	10	23230	782	23.5	22.16	136.14%	0.294	0.400	-
				50 RB		Back side	10	23230	782	23.5	22.16	136.14%	0.273	0.372	-
						Top side	10	23230	782	23.5	22.16	136.14%	0.001	0.001	-
						Bottom side	10	23230	782	23.5	22.16	136.14%	0.197	0.268	-
						Right side	10	23230	782	23.5	22.16	136.14%	0.001	0.002	-
						Left side	10	23230	782	23.5	22.16	136.14%	0.001	0.001	-

### LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 25	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	26140	1860	21	20.99	100.23%	0.441	0.442	-		
						Back side	10	26140	1860	21	20.99	100.23%	0.474	0.475	-		
						Top side	10	26140	1860	21	20.99	100.23%	0.001	0.001	-		
						Bottom side	10	26140	1860	21	20.99	100.23%	0.945	0.947	-		
						Bottom side	10	26365	1882.5	21	20.84	103.75%	1.050	1.089	-		
						Bottom side	10	26590	1905	21	20.76	105.68%	1.090	1.152	36		
						Bottom side*	10	26590	1905	21	20.76	105.68%	1.085	1.147	-		
						Right side	10	26140	1860	21	20.99	100.23%	0.012	0.012	-		
						Left side	10	26140	1860	21	20.99	100.23%	0.224	0.225	-		
						50 RB	0	Front side	10	26140	1860	20	20.10	97.72%	0.339	0.331	-
								Back side	10	26140	1860	20	20.10	97.72%	0.359	0.351	-
								Top side	10	26140	1860	20	20.10	97.72%	0.001	0.001	-
								Bottom side	10	26140	1860	20	20.10	97.72%	0.822	0.803	-
								Bottom side	10	26365	1882.5	20	19.97	100.69%	0.883	0.889	-
				Bottom side	10			26590	1905	20	19.96	100.93%	0.951	0.960	-		
				Right side	10			26140	1860	20	20.10	97.72%	0.012	0.012	-		
				Left side	10			26140	1860	20	20.10	97.72%	0.155	0.151	-		
				100 RB				Front side	10	26365	1882.5	20	20.01	99.77%	0.327	0.326	-
								Back side	10	26365	1882.5	20	20.01	99.77%	0.346	0.345	-
								Top side	10	26365	1882.5	20	20.01	99.77%	0.001	0.001	-
								Bottom side	10	26140	1860	20	19.93	101.62%	0.751	0.763	-
								Bottom side	10	26365	1882.5	20	20.01	99.77%	0.864	0.862	-
						Bottom side	10	26590	1905	20	19.89	102.57%	0.901	0.924	-		
				Right side	10	26365	1882.5	20	20.01	99.77%	0.031	0.031	-				
				Left side	10	26365	1882.5	20	20.01	99.77%	0.132	0.132	-				

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	26765	821.5	24.5	23.70	120.23%	0.401	0.482	37
						Front side	10	26865	831.5	24.5	23.53	125.03%	0.373	0.466	-
						Front side	10	26965	841.5	24.5	23.46	127.06%	0.369	0.469	-
						Back side	10	26765	821.5	24.5	23.70	120.23%	0.392	0.471	-
						Top side	10	26765	821.5	24.5	23.70	120.23%	0.005	0.006	-
						Bottom side	10	26765	821.5	24.5	23.70	120.23%	0.364	0.438	-
						Right side	10	26765	821.5	24.5	23.70	120.23%	0.281	0.338	-
				Left side	10	26765	821.5	24.5	23.70	120.23%	0.063	0.076	-		
				Front side	10	26765	821.5	23.5	22.71	119.95%	0.311	0.373	-		
				Back side	10	26765	821.5	23.5	22.71	119.95%	0.308	0.369	-		
				Top side	10	26765	821.5	23.5	22.71	119.95%	0.003	0.004	-		
				Bottom side	10	26765	821.5	23.5	22.71	119.95%	0.272	0.326	-		
				Right side	10	26765	821.5	23.5	22.71	119.95%	0.222	0.266	-		
				Left side	10	26765	821.5	23.5	22.71	119.95%	0.046	0.055	-		
				Front side	10	26765	821.5	23.5	22.70	120.23%	0.298	0.358	-		
				Back side	10	26765	821.5	23.5	22.70	120.23%	0.287	0.345	-		
				Top side	10	26765	821.5	23.5	22.70	120.23%	0.003	0.004	-		
				Bottom side	10	26765	821.5	23.5	22.70	120.23%	0.253	0.304	-		
				Right side	10	26765	821.5	23.5	22.70	120.23%	0.209	0.251	-		
				Left side	10	26765	821.5	23.5	22.70	120.23%	0.041	0.049	-		
				CA_5B	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	20450	829	24.5	22.99

### LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page				
													Measured	Reported					
LTE Band 41	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	41490	2680	23.5	23.72	95.06%	0.374	0.355	-				
						Back side	10	41490	2680	23.5	23.72	95.06%	0.494	0.470	-				
						Top side	10	41490	2680	23.5	23.72	95.06%	0.002	0.002	-				
						Bottom side	10	39750	2506	24.5	23.66	121.34%	0.545	0.661	-				
						Bottom side	10	40185	2549.5	24.5	23.56	124.17%	0.510	0.633	-				
						Bottom side	10	40620	2593	24.5	23.65	121.62%	0.540	0.657	-				
						Bottom side	10	41055	2636.5	24.5	23.69	120.50%	0.561	0.676	-				
						Bottom side	10	41490	2680	23.5	23.72	95.06%	0.637	0.606	38				
						Right side	10	41490	2680	23.5	23.72	95.06%	0.005	0.005	-				
						Left side	10	41490	2680	23.5	23.72	95.06%	0.265	0.252	-				
						Front side	10	41490	2680	23.5	22.69	120.50%	0.289	0.348	-				
				Back side	10	41490	2680	23.5	22.69	120.50%	0.389	0.469	-						
				Top side	10	41490	2680	23.5	22.69	120.50%	0.002	0.002	-						
				Bottom side	10	41490	2680	23.5	22.69	120.50%	0.500	0.602	-						
				Right side	10	41490	2680	23.5	22.69	120.50%	0.004	0.005	-						
				Left side	10	41490	2680	23.5	22.69	120.50%	0.214	0.258	-						
				Front side	10	39750	2506	23.5	22.73	119.40%	0.273	0.326	-						
				Back side	10	39750	2506	23.5	22.73	119.40%	0.376	0.449	-						
				Top side	10	39750	2506	23.5	22.73	119.40%	0.002	0.002	-						
				Bottom side	10	39750	2506	23.5	22.73	119.40%	0.500	0.597	-						
				Right side	10	39750	2506	23.5	22.73	119.40%	0.002	0.003	-						
				Left side	10	39750	2506	23.5	22.73	119.40%	0.201	0.240	-						
				CA_38C	Hotspot	20MHz	QPSK	1 RB	0	Bottom side	10	37850	2580	24.5	23.67	121.06%	0.613	0.742	-
				CA_41C	Hotspot	20MHz	QPSK	1 RB	0	Bottom side	10	41490	2680	24.5	23.70	120.23%	0.621	0.747	-

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### LTE TDD Band 48

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 48	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	56640	3690	24.5	23.99	112.46%	0.055	0.061	-
						Back side	10	55340	3560	24.5	23.83	116.68%	0.159	0.186	-
						Back side	10	55773	3603.3	24.5	23.82	116.95%	0.178	0.208	40
						Back side	10	56207	3646.7	24.5	23.98	112.72%	0.130	0.147	-
						Back side	10	56640	3690	24.5	23.99	112.46%	0.141	0.159	-
						Top side	10	56640	3690	24.5	23.99	112.46%	0.025	0.028	-
						Bottom side	10	56640	3690	24.5	23.99	112.46%	0.001	0.001	-
						Right side	10	56640	3690	24.5	23.99	112.46%	0.116	0.130	-
						Left side	10	56640	3690	24.5	23.99	112.46%	0.009	0.010	-
						Front side	10	56640	3690	23.5	22.96	113.24%	0.049	0.055	-
						Back side	10	56640	3690	23.5	22.96	113.24%	0.134	0.152	-
						Top side	10	56640	3690	23.5	22.96	113.24%	0.024	0.027	-
				Bottom side	10	56640	3690	23.5	22.96	113.24%	0.001	0.001	-		
				Right side	10	56640	3690	23.5	22.96	113.24%	0.103	0.117	-		
				Left side	10	56640	3690	23.5	22.96	113.24%	0.008	0.009	-		
				Front side	10	56640	3690	23.5	22.99	112.46%	0.052	0.058	-		
				Back side	10	56640	3690	23.5	22.99	112.46%	0.117	0.132	-		
				Top side	10	56640	3690	23.5	22.99	112.46%	0.021	0.024	-		
				Bottom side	10	56640	3690	23.5	22.99	112.46%	0.001	0.001	-		
				Right side	10	56640	3690	23.5	22.99	112.46%	0.097	0.109	-		
				Left side	10	56640	3690	23.5	22.99	112.46%	0.006	0.006	-		

### LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	132322	1745	22	21.99	100.23%	0.269	0.270	-
						Back side	10	132322	1745	22	21.99	100.23%	0.389	0.390	-
						Top side	10	132322	1745	22	21.99	100.23%	0.004	0.004	-
						Bottom side	10	132072	1720	22	21.96	100.93%	0.948	0.957	-
						Bottom side	10	132322	1745	22	21.99	100.23%	1.040	1.042	-
						Bottom side*	10	132572	1770	22	21.83	103.99%	1.100	1.144	41
						Bottom side*	10	132572	1770	22	21.83	103.99%	1.092	1.136	-
						Right side	10	132322	1745	22	21.99	100.23%	0.082	0.082	-
						Left side	10	132322	1745	22	21.99	100.23%	0.145	0.145	-
						Front side	10	132572	1770	21	20.93	101.62%	0.217	0.221	-
						Back side	10	132572	1770	21	20.93	101.62%	0.289	0.294	-
						Top side	10	132572	1770	21	20.93	101.62%	0.002	0.002	-
				Bottom side	10	132072	1720	21	20.81	104.47%	0.819	0.856	-		
				Bottom side	10	132322	1745	21	20.82	104.23%	0.839	0.875	-		
				Bottom side	10	132572	1770	21	20.93	101.62%	0.858	0.872	-		
				Right side	10	132572	1770	21	20.93	101.62%	0.059	0.060	-		
				Left side	10	132572	1770	21	20.93	101.62%	0.109	0.111	-		
				Front side	10	132072	1720	21	20.89	102.57%	0.208	0.213	-		
				Back side	10	132072	1720	21	20.89	102.57%	0.271	0.278	-		
				Top side	10	132072	1720	21	20.89	102.57%	0.002	0.002	-		
				Bottom side	10	132072	1720	21	20.89	102.57%	0.822	0.843	-		
				Bottom side	10	132322	1745	21	20.85	103.51%	0.802	0.830	-		
				Bottom side	10	132572	1770	21	20.82	104.23%	0.768	0.800	-		
				Right side	10	132072	1720	21	20.89	102.57%	0.053	0.055	-		
				Left side	10	132072	1720	21	20.89	102.57%	0.101	0.104	-		

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	133222	673	24.5	23.71	119.95%	0.197	0.236	42
						Front side	10	133297	680.5	24.5	23.70	120.23%	0.191	0.230	-
						Front side	10	133372	688	24.5	23.75	118.85%	0.195	0.232	-
						Back side	10	133372	688	24.5	23.75	118.85%	0.163	0.194	-
						Top side	10	133372	688	24.5	23.75	118.85%	0.002	0.002	-
						Bottom side	10	133372	688	24.5	23.75	118.85%	0.186	0.221	-
						Right side	10	133372	688	24.5	23.75	118.85%	0.091	0.108	-
						Left side	10	133372	688	24.5	23.75	118.85%	0.023	0.027	-
						Front side	10	133222	673	23.5	22.81	117.22%	0.148	0.173	-
						Back side	10	133222	673	23.5	22.81	117.22%	0.124	0.145	-
						Top side	10	133222	673	23.5	22.81	117.22%	0.001	0.001	-
						Bottom side	10	133222	673	23.5	22.81	117.22%	0.153	0.179	-
				Right side	10	133222	673	23.5	22.81	117.22%	0.067	0.079	-		
				Left side	10	133222	673	23.5	22.81	117.22%	0.022	0.025	-		
				Front side	10	133222	673	23.5	22.79	117.76%	0.147	0.173	-		
				Back side	10	133222	673	23.5	22.79	117.76%	0.124	0.146	-		
				Top side	10	133222	673	23.5	22.79	117.76%	0.001	0.001	-		
				Bottom side	10	133222	673	23.5	22.79	117.76%	0.156	0.184	-		
				Right side	10	133222	673	23.5	22.79	117.76%	0.062	0.073	-		
				Left side	10	133222	673	23.5	22.79	117.76%	0.021	0.025	-		

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**With WLAN**

**Head\_Upper antenna\_calling mode**

**GSM 850**

Band	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850	Re Cheek	-	128	824.2	30.50	30.14	108.64%	0.451	0.490	-
	Re Cheek	-	190	836.5	30.50	30.46	100.93%	0.465	0.469	-
	Re Cheek	-	251	848.8	30.50	30.31	104.47%	0.502	0.524	43
	Re Tilt	-	190	836.5	30.50	30.46	100.93%	0.301	0.304	-
	Le Cheek	-	190	836.5	30.50	30.46	100.93%	0.325	0.328	-
	Le Tilt	-	190	836.5	30.50	30.46	100.93%	0.287	0.290	-

**WCDMA Band V**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Re Cheek	-	4132	826.4	21.00	20.98	100.46%	0.424	0.426	-
	Re Cheek	-	4183	836.6	21.00	20.83	103.99%	0.444	0.462	44
	Re Cheek	-	4233	846.6	21.00	20.79	104.95%	0.421	0.442	-
	Re Tilt	-	4132	826.4	21.00	20.98	100.46%	0.272	0.273	-
	Le Cheek	-	4132	826.4	21.00	20.98	100.46%	0.324	0.325	-
	Le Tilt	-	4132	826.4	21.00	20.98	100.46%	0.228	0.229	-

**LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23060	704	21	20.87	103.04%	0.312	0.321	45
						RE Cheek	-	23095	707.5	21	20.83	103.99%	0.306	0.318	-
						RE Cheek	-	23130	711	21	20.98	100.46%	0.278	0.279	-
						RE Tilt	-	23130	711	21	20.98	100.46%	0.211	0.212	-
						LE Cheek	-	23130	711	21	20.98	100.46%	0.233	0.234	-
						LE Tilt	-	23130	711	21	20.98	100.46%	0.154	0.155	-
				25 RB	25	RE Cheek	-	23095	707.5	20	19.98	100.46%	0.203	0.204	-
						RE Tilt	-	23095	707.5	20	19.98	100.46%	0.161	0.162	-
						LE Cheek	-	23095	707.5	20	19.98	100.46%	0.182	0.183	-
						LE Tilt	-	23095	707.5	20	19.98	100.46%	0.112	0.113	-
						RE Cheek	-	23060	704	20	19.96	100.93%	0.195	0.197	-
						RE Tilt	-	23060	704	20	19.96	100.93%	0.137	0.138	-
				50 RB		LE Cheek	-	23060	704	20	19.96	100.93%	0.163	0.165	-
						LE Tilt	-	23060	704	20	19.96	100.93%	0.113	0.114	-

**LTE FDD Band 13**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Head	10MHz	QPSK	1 RB	49	RE Cheek	-	23230	782	20.5	20.29	104.95%	0.492	0.516	46
						RE Cheek	-	23230	782	20.5	20.32	104.23%	0.442	0.461	-
						RE Cheek	-	23230	782	20.5	20.47	100.69%	0.470	0.473	-
						RE Tilt	-	23230	782	20.5	20.47	100.69%	0.251	0.253	-
						LE Cheek	-	23230	782	20.5	20.47	100.69%	0.311	0.313	-
						LE Tilt	-	23230	782	20.5	20.47	100.69%	0.239	0.241	-
						RE Cheek	-	23230	782	19.5	19.47	100.69%	0.311	0.313	-
						RE Tilt	-	23230	782	19.5	19.47	100.69%	0.207	0.208	-
						LE Cheek	-	23230	782	19.5	19.47	100.69%	0.236	0.238	-
						LE Tilt	-	23230	782	19.5	19.47	100.69%	0.172	0.173	-
						RE Cheek	-	23230	782	19.5	19.36	103.28%	0.302	0.312	-
						RE Tilt	-	23230	782	19.5	19.36	103.28%	0.202	0.209	-
				25 RB	12	LE Cheek	-	23230	782	19.5	19.36	103.28%	0.251	0.259	-
						LE Tilt	-	23230	782	19.5	19.36	103.28%	0.192	0.198	-

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### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	21	20.95	101.16%	0.452	0.457	47
						RE Cheek	-	26865	831.5	21	20.84	103.75%	0.419	0.435	-
						RE Cheek	-	26965	841.5	21	20.46	113.24%	0.417	0.472	-
						RE Tilt	-	26765	821.5	21	20.95	101.16%	0.276	0.279	-
						LE Cheek	-	26765	821.5	21	20.95	101.16%	0.313	0.317	-
						LE Tilt	-	26765	821.5	21	20.95	101.16%	0.245	0.248	-
				36 RB	18	RE Cheek	-	26765	821.5	20	19.95	101.16%	0.341	0.345	-
						RE Tilt	-	26765	821.5	20	19.95	101.16%	0.217	0.220	-
						LE Cheek	-	26765	821.5	20	19.95	101.16%	0.279	0.282	-
						LE Tilt	-	26765	821.5	20	19.95	101.16%	0.187	0.189	-
						RE Cheek	-	26765	821.5	20	19.95	101.16%	0.329	0.333	-
						RE Tilt	-	26765	821.5	20	19.95	101.16%	0.219	0.222	-
				75 RB		LE Cheek	-	26765	821.5	20	19.95	101.16%	0.268	0.271	-
						LE Tilt	-	26765	821.5	20	19.95	101.16%	0.182	0.184	-
						RE Cheek	-	20450	829	21	20.77	105.44%	0.425	0.448	-
CA_5B	Head	10MHz	QPSK	1 RB	49	RE Cheek	-	20450	829	21	20.77	105.44%	0.425	0.448	-

### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	133222	673	21	20.91	102.09%	0.243	0.248	-
						RE Cheek	-	133297	680.5	21	20.87	103.04%	0.255	0.263	-
						RE Cheek	-	133372	688	21	20.99	100.23%	0.278	0.279	48
						RE Tilt	-	133372	688	21	20.99	100.23%	0.165	0.165	-
						LE Cheek	-	133372	688	21	20.99	100.23%	0.231	0.232	-
						LE Tilt	-	133372	688	21	20.99	100.23%	0.141	0.141	-
				50 RB	0	RE Cheek	-	133222	673	20	19.95	101.16%	0.206	0.208	-
						RE Tilt	-	133222	673	20	19.95	101.16%	0.132	0.134	-
						LE Cheek	-	133222	673	20	19.95	101.16%	0.173	0.175	-
						LE Tilt	-	133222	673	20	19.95	101.16%	0.112	0.113	-
						RE Cheek	-	133222	673	20	19.97	100.69%	0.201	0.202	-
						RE Tilt	-	133222	673	20	19.97	100.69%	0.133	0.134	-
				100 RB		LE Cheek	-	133222	673	20	19.97	100.69%	0.165	0.166	-
						LE Tilt	-	133222	673	20	19.97	100.69%	0.105	0.106	-

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**Hotspot reduced power**  
**Hotspot\_Lower antenna\_calling mode**

**GPRS850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	33.0	32.13	122.18%	0.464	0.567	-
	Front side	10	190	836.5	33.0	32.20	120.23%	0.605	0.727	-
	Front side	10	251	848.8	33.0	32.19	120.50%	0.675	0.813	49
	Back side	10	190	836.5	33.0	32.20	120.23%	0.533	0.641	-
	Top side	10	190	836.5	33.0	32.20	120.23%	0.001	0.001	-
	Bottom side	10	190	836.5	33.0	32.20	120.23%	0.526	0.632	-
	Right side	10	190	836.5	33.0	32.20	120.23%	0.489	0.588	-
Left side	10	190	836.5	33.0	32.20	120.23%	0.127	0.153	-	

**LTE FDD Band 30**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
													Measured	Reported		
LTE Band 30	Hotspot	10MHz	QPSK	1 RB	0	Bottom side	10	27710	2310	23	22.85	103.51%	0.770	0.797	-	
						Bottom side	10	27710	2310	23	22.93	101.62%	0.756	0.768	-	
					49	Front side	10	27710	2310	23	22.95	101.16%	0.656	0.664	-	
						Back side	10	27710	2310	23	22.95	101.16%	0.676	0.684	-	
						Top side	10	27710	2310	23	22.95	101.16%	0.010	0.010	-	
						Bottom side	10	27710	2310	23	22.95	101.16%	0.878	0.888	50	
						Bottom side*	10	27710	2310	23	22.95	101.16%	0.872	0.882	-	
						Right side	10	27710	2310	23	22.95	101.16%	0.068	0.069	-	
					Left side	10	27710	2310	23	22.95	101.16%	0.462	0.467	-		
					25 RB	25	Front side	10	27710	2310	22	21.84	103.75%	0.532	0.552	-
						Back side	10	27710	2310	22	21.84	103.75%	0.545	0.565	-	
						Top side	10	27710	2310	22	21.84	103.75%	0.009	0.009	-	
				Bottom side		10	27710	2310	22	21.84	103.75%	0.702	0.728	-		
				Right side		10	27710	2310	22	21.84	103.75%	0.052	0.054	-		
				Left side		10	27710	2310	22	21.84	103.75%	0.364	0.378	-		
				50 RB	50	Front side	10	27710	2310	22	21.55	110.92%	0.531	0.589	-	
					Back side	10	27710	2310	22	21.55	110.92%	0.565	0.627	-		
					Top side	10	27710	2310	22	21.55	110.92%	0.008	0.009	-		
					Bottom side	10	27710	2310	22	21.55	110.92%	0.691	0.766	-		
					Right side	10	27710	2310	22	21.55	110.92%	0.052	0.058	-		
					Left side	10	27710	2310	22	21.55	110.92%	0.351	0.389	-		

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

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**Hotspot reduced power**  
**Hotspot\_Lower antenna\_camera mode**

**GPRS850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	31.0	30.83	103.99%	0.352	0.366	-
	Front side	10	190	836.5	31.0	30.95	101.16%	0.451	0.456	-
	Front side	10	251	848.8	31.0	30.91	102.09%	0.504	0.515	51
	Back side	10	190	836.5	31.0	30.95	101.16%	0.402	0.407	-
	Top side	10	190	836.5	31.0	30.95	101.16%	0.001	0.001	-
	Bottom side	10	190	836.5	31.0	30.95	101.16%	0.392	0.397	-
	Right side	10	190	836.5	31.0	30.95	101.16%	0.365	0.369	-
Left side	10	190	836.5	31.0	30.95	101.16%	0.095	0.096	-	

**WCDMA Band V**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	10	4132	826.4	23.5	23.18	107.65%	0.492	0.530	-
	Front side	10	4183	836.6	23.5	23.13	108.89%	0.507	0.552	-
	Front side	10	4233	846.6	23.5	23.09	109.90%	0.559	0.614	52
	Back side	10	4132	826.4	23.5	23.18	107.65%	0.452	0.487	-
	Top side	10	4132	826.4	23.5	23.18	107.65%	0.001	0.001	-
	Bottom side	10	4132	826.4	23.5	23.18	107.65%	0.342	0.368	-
	Right side	10	4132	826.4	23.5	23.18	107.65%	0.162	0.174	-
	Left side	10	4132	826.4	23.5	23.18	107.65%	0.111	0.119	-

**LTE FDD Band 30**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 30	Hotspot	10MHz	QPSK	1 RB	49	0	Bottom side	10	27710	2310	21	20.82	104.23%	0.481	0.501	-	
						25	Bottom side	10	27710	2310	21	20.91	102.09%	0.495	0.505	-	
						25 RB	25	Front side	10	27710	2310	21	20.98	100.46%	0.421	0.423	-
								Back side	10	27710	2310	21	20.98	100.46%	0.433	0.435	-
								Top side	10	27710	2310	21	20.98	100.46%	0.006	0.006	-
								Bottom side	10	27710	2310	21	20.98	100.46%	0.564	0.567	53
								Right side	10	27710	2310	21	20.98	100.46%	0.043	0.043	-
								Left side	10	27710	2310	21	20.98	100.46%	0.293	0.294	-
								Front side	10	27710	2310	20	19.88	102.80%	0.341	0.351	-
								Back side	10	27710	2310	20	19.88	102.80%	0.362	0.372	-
								Top side	10	27710	2310	20	19.88	102.80%	0.002	0.002	-
								Bottom side	10	27710	2310	20	19.88	102.80%	0.456	0.469	-
				Right side	10	27710	2310	20	19.88	102.80%	0.034	0.035	-				
				Left side	10	27710	2310	20	19.88	102.80%	0.221	0.227	-				
				50 RB	25	Front side	10	27710	2310	20	19.86	103.28%	0.338	0.349	-		
						Back side	10	27710	2310	20	19.86	103.28%	0.365	0.377	-		
						Top side	10	27710	2310	20	19.86	103.28%	0.004	0.004	-		
						Bottom side	10	27710	2310	20	19.86	103.28%	0.451	0.466	-		
						Right side	10	27710	2310	20	19.86	103.28%	0.033	0.034	-		
						Left side	10	27710	2310	20	19.86	103.28%	0.216	0.223	-		

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**Hotspot reduced power**  
**Hotspot\_Lower antenna\_normal landscape mode**

**GPRS850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	32.5	30.83	146.89%	0.352	0.517	-
	Front side	10	190	836.5	32.5	30.95	142.89%	0.451	0.644	-
	Front side	10	251	848.8	32.5	30.91	144.21%	0.504	0.727	54
	Back side	10	190	836.5	32.5	30.95	142.89%	0.402	0.574	-
	Top side	10	190	836.5	32.5	30.95	142.89%	0.001	0.002	-
	Bottom side	10	190	836.5	32.5	30.95	142.89%	0.392	0.560	-
	Right side	10	190	836.5	32.5	30.95	142.89%	0.365	0.522	-
Left side	10	190	836.5	32.5	30.95	142.89%	0.095	0.135	-	

**LTE FDD Band 30**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
													Measured	Reported		
LTE Band 30	Hotspot	10MHz	QPSK	1 RB	0	Bottom side	10	27710	2310	22.5	20.82	147.23%	0.481	0.708	-	
						Bottom side	10	27710	2310	22.5	20.91	144.21%	0.495	0.714	-	
						49	Front side	10	27710	2310	22.5	20.98	141.91%	0.421	0.597	-
							Back side	10	27710	2310	22.5	20.98	141.91%	0.433	0.614	-
							Top side	10	27710	2310	22.5	20.98	141.91%	0.006	0.009	-
							Bottom side	10	27710	2310	22.5	20.98	141.91%	0.564	0.800	55
				Right side	10	27710	2310	22.5	20.98	141.91%	0.043	0.061	-			
				Left side	10	27710	2310	22.5	20.98	141.91%	0.293	0.416	-			
				25 RB	25	Front side	10	27710	2310	21.5	19.88	145.21%	0.341	0.495	-	
						Back side	10	27710	2310	21.5	19.88	145.21%	0.362	0.526	-	
						Top side	10	27710	2310	21.5	19.88	145.21%	0.002	0.003	-	
						Bottom side	10	27710	2310	21.5	19.88	145.21%	0.456	0.662	-	
						Right side	10	27710	2310	21.5	19.88	145.21%	0.034	0.050	-	
						Left side	10	27710	2310	21.5	19.88	145.21%	0.221	0.321	-	
				50 RB	50	Front side	10	27710	2310	21.5	19.86	145.88%	0.338	0.493	-	
						Back side	10	27710	2310	21.5	19.86	145.88%	0.365	0.532	-	
						Top side	10	27710	2310	21.5	19.86	145.88%	0.004	0.006	-	
						Bottom side	10	27710	2310	21.5	19.86	145.88%	0.451	0.658	-	
						Right side	10	27710	2310	21.5	19.86	145.88%	0.033	0.048	-	
						Left side	10	27710	2310	21.5	19.86	145.88%	0.216	0.315	-	

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**Hotspot reduced power**  
**Hotspot\_Lower antenna\_gaming mode**

**GPRS850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	32.0	30.83	130.92%	0.352	0.461	-
	Front side	10	190	836.5	32.0	30.95	127.35%	0.451	0.574	-
	Front side	10	251	848.8	32.0	30.91	128.53%	0.504	0.648	56
	Back side	10	190	836.5	32.0	30.95	127.35%	0.402	0.512	-
	Top side	10	190	836.5	32.0	30.95	127.35%	0.001	0.001	-
	Bottom side	10	190	836.5	32.0	30.95	127.35%	0.392	0.499	-
	Right side	10	190	836.5	32.0	30.95	127.35%	0.365	0.465	-
Left side	10	190	836.5	32.0	30.95	127.35%	0.095	0.120	-	

**WCDMA Band V**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	10	4132	826.4	24.0	23.18	120.78%	0.464	0.560	-
	Front side	10	4183	836.6	24.0	23.13	122.18%	0.463	0.566	-
	Front side	10	4233	846.6	24.0	23.09	123.31%	0.517	0.638	57
	Back side	10	4132	826.4	24.0	23.18	120.78%	0.468	0.565	-
	Top side	10	4132	826.4	24.0	23.18	120.78%	0.001	0.002	-
	Bottom side	10	4132	826.4	24.0	23.18	120.78%	0.316	0.382	-
	Right side	10	4132	826.4	24.0	23.18	120.78%	0.156	0.188	-
Left side	10	4132	826.4	24.0	23.18	120.78%	0.105	0.127	-	

**LTE FDD Band 30**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
													Measured	Reported		
LTE Band 30	Hotspot	10MHz	QPSK	1 RB	0	Bottom side	10	27710	2310	21.5	20.82	116.95%	0.481	0.563	-	
						Bottom side	10	27710	2310	21.5	20.91	114.55%	0.495	0.567	-	
						49	Front side	10	27710	2310	21.5	20.98	112.72%	0.421	0.475	-
							Back side	10	27710	2310	21.5	20.98	112.72%	0.433	0.488	-
						Top side	10	27710	2310	21.5	20.98	112.72%	0.006	0.007	-	
						Bottom side	10	27710	2310	21.5	20.98	112.72%	0.564	0.636	58	
					25	Right side	10	27710	2310	21.5	20.98	112.72%	0.043	0.049	-	
						Left side	10	27710	2310	21.5	20.98	112.72%	0.293	0.330	-	
						Front side	10	27710	2310	20.5	19.88	115.35%	0.341	0.393	-	
						Back side	10	27710	2310	20.5	19.88	115.35%	0.362	0.418	-	
						Top side	10	27710	2310	20.5	19.88	115.35%	0.002	0.002	-	
						Bottom side	10	27710	2310	20.5	19.88	115.35%	0.456	0.526	-	
				50 RB	Right side	10	27710	2310	20.5	19.88	115.35%	0.034	0.039	-		
					Left side	10	27710	2310	20.5	19.88	115.35%	0.221	0.255	-		
					Front side	10	27710	2310	20.5	19.86	115.88%	0.338	0.392	-		
					Back side	10	27710	2310	20.5	19.86	115.88%	0.365	0.423	-		
					Top side	10	27710	2310	20.5	19.86	115.88%	0.004	0.005	-		
					Bottom side	10	27710	2310	20.5	19.86	115.88%	0.451	0.523	-		
					Right side	10	27710	2310	20.5	19.86	115.88%	0.033	0.038	-		
					Left side	10	27710	2310	20.5	19.86	115.88%	0.216	0.250	-		

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**Inter-band**

**Head\_Upper antenna\_without WLAN**

**LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23060	704	21.5	21.30	104.71%	0.345	0.361	59
						RE Cheek	-	23095	707.5	21.5	21.38	102.80%	0.331	0.340	-
						RE Cheek	-	23130	711	21.5	21.46	100.93%	0.312	0.315	-
						RE Tilt	-	23130	711	21.5	21.46	100.93%	0.235	0.237	-
						LE Cheek	-	23130	711	21.5	21.46	100.93%	0.267	0.269	-
				25 RB	25	RE Tilt	-	23130	711	21.5	21.46	100.93%	0.172	0.174	-
						RE Cheek	-	23095	707.5	20.5	20.44	101.39%	0.232	0.235	-
						RE Tilt	-	23095	707.5	20.5	20.44	101.39%	0.156	0.158	-
						LE Cheek	-	23095	707.5	20.5	20.44	101.39%	0.187	0.190	-
						LE Tilt	-	23095	707.5	20.5	20.44	101.39%	0.142	0.144	-
				50 RB		RE Cheek	-	23060	704	20.5	20.41	102.09%	0.221	0.226	-
						RE Tilt	-	23060	704	20.5	20.41	102.09%	0.167	0.170	-
						LE Cheek	-	23060	704	20.5	20.41	102.09%	0.181	0.185	-
						LE Tilt	-	23060	704	20.5	20.41	102.09%	0.132	0.135	-
							-	23060	704	20.5	20.41	102.09%			-

**LTE FDD Band 26**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	21.5	21.46	100.93%	0.511	0.516	60
						RE Cheek	-	26865	831.5	21.5	21.39	102.57%	0.502	0.515	-
						RE Cheek	-	26965	841.5	21.5	21.33	103.99%	0.482	0.501	-
						RE Tilt	-	26765	821.5	21.5	21.46	100.93%	0.321	0.324	-
						LE Cheek	-	26765	821.5	21.5	21.46	100.93%	0.366	0.369	-
						LE Tilt	-	26765	821.5	21.5	21.46	100.93%	0.309	0.312	-
				36 RB	18	RE Cheek	-	26765	821.5	20.5	20.48	100.46%	0.367	0.369	-
						RE Tilt	-	26765	821.5	20.5	20.48	100.46%	0.242	0.243	-
						LE Cheek	-	26765	821.5	20.5	20.48	100.46%	0.302	0.303	-
						LE Tilt	-	26765	821.5	20.5	20.48	100.46%	0.242	0.243	-
						RE Cheek	-	26765	821.5	20.5	20.36	103.28%	0.372	0.384	-
						RE Tilt	-	26765	821.5	20.5	20.36	103.28%	0.263	0.272	-
				75 RB		LE Cheek	-	26765	821.5	20.5	20.36	103.28%	0.301	0.311	-
						LE Tilt	-	26765	821.5	20.5	20.36	103.28%	0.242	0.250	-
							-	26765	821.5	20.5	20.36	103.28%			-
							-	26765	821.5	20.5	20.36	103.28%			-
							-	26765	821.5	20.5	20.36	103.28%			-
							-	26765	821.5	20.5	20.36	103.28%			-

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## Head\_Lower antenna\_without WLAN

### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23060	704	21.5	21.30	104.71%	0.082	0.086	61
						RE Cheek	-	23095	707.5	21.5	21.38	102.80%	0.075	0.077	-
						RE Cheek	-	23130	711	21.5	21.46	100.93%	0.062	0.063	-
						RE Tilt	-	23130	711	21.5	21.46	100.93%	0.032	0.032	-
						LE Cheek	-	23130	711	21.5	21.46	100.93%	0.044	0.045	-
						LE Tilt	-	23130	711	21.5	21.46	100.93%	0.012	0.012	-
				25 RB	25	RE Cheek	-	23095	707.5	20.5	20.44	101.39%	0.051	0.052	-
						RE Tilt	-	23095	707.5	20.5	20.44	101.39%	0.023	0.023	-
						LE Cheek	-	23095	707.5	20.5	20.44	101.39%	0.033	0.034	-
						LE Tilt	-	23095	707.5	20.5	20.44	101.39%	0.007	0.007	-
						RE Cheek	-	23060	704	20.5	20.41	102.09%	0.045	0.046	-
						RE Tilt	-	23060	704	20.5	20.41	102.09%	0.021	0.022	-
50 RB		LE Cheek	-	23060	704	20.5	20.41	102.09%	0.031	0.032	-				
		LE Tilt	-	23060	704	20.5	20.41	102.09%	0.011	0.011	-				

### LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	26140	1860	19	18.96	100.93%	0.115	0.116	-
						RE Tilt	-	26140	1860	19	18.96	100.93%	0.067	0.068	-
						LE Cheek	-	26140	1860	19	18.96	100.93%	0.134	0.135	-
						LE Cheek	-	26365	1882.5	19	18.77	105.44%	0.145	0.153	-
						LE Cheek	-	26590	1905	19	18.88	102.80%	0.168	0.173	62
						LE Tilt	-	26140	1860	19	18.96	100.93%	0.077	0.077	-
				50 RB	0	RE Cheek	-	26140	1860	18	17.92	101.86%	0.086	0.088	-
						RE Tilt	-	26140	1860	18	17.92	101.86%	0.042	0.043	-
						LE Cheek	-	26140	1860	18	17.92	101.86%	0.108	0.110	-
						LE Tilt	-	26140	1860	18	17.92	101.86%	0.059	0.060	-
						RE Cheek	-	26365	1882.5	18	17.82	104.23%	0.082	0.085	-
						RE Tilt	-	26365	1882.5	18	17.82	104.23%	0.044	0.045	-
100 RB		LE Cheek	-	26365	1882.5	18	17.82	104.23%	0.095	0.098	-				
		LE Tilt	-	26365	1882.5	18	17.82	104.23%	0.054	0.057	-				

### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	21.5	21.46	100.93%	0.071	0.071	63
						RE Cheek	-	26865	831.5	21.5	21.39	102.57%	0.063	0.065	-
						RE Cheek	-	26965	841.5	21.5	21.33	103.99%	0.066	0.068	-
						RE Tilt	-	26765	821.5	21.5	21.46	100.93%	0.040	0.041	-
						LE Cheek	-	26765	821.5	21.5	21.46	100.93%	0.045	0.046	-
						LE Tilt	-	26765	821.5	21.5	21.46	100.93%	0.025	0.025	-
				36 RB	18	RE Cheek	-	26765	821.5	20.5	20.48	100.46%	0.055	0.056	-
						RE Tilt	-	26765	821.5	20.5	20.48	100.46%	0.031	0.031	-
						LE Cheek	-	26765	821.5	20.5	20.48	100.46%	0.036	0.036	-
						LE Tilt	-	26765	821.5	20.5	20.48	100.46%	0.021	0.021	-
						RE Cheek	-	26765	821.5	20.5	20.36	103.28%	0.052	0.054	-
						RE Tilt	-	26765	821.5	20.5	20.36	103.28%	0.030	0.031	-
75 RB		LE Cheek	-	26765	821.5	20.5	20.36	103.28%	0.032	0.033	-				
		LE Tilt	-	26765	821.5	20.5	20.36	103.28%	0.017	0.018	-				

### LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	132322	1745	20	19.97	100.69%	0.121	0.122	-
						RE Tilt	-	132322	1745	20	19.97	100.69%	0.082	0.083	-
						LE Cheek	-	132072	1720	20	19.91	102.09%	0.132	0.135	-
						LE Cheek	-	132322	1745	20	19.97	100.69%	0.143	0.144	-
						LE Cheek	-	132572	1770	20	19.93	101.62%	0.171	0.174	64
						LE Tilt	-	132322	1745	20	19.97	100.69%	0.106	0.107	-
				50 RB	25	RE Cheek	-	132572	1770	19	18.92	101.86%	0.096	0.098	-
						RE Tilt	-	132572	1770	19	18.92	101.86%	0.063	0.064	-
						LE Cheek	-	132572	1770	19	18.92	101.86%	0.105	0.107	-
						LE Tilt	-	132572	1770	19	18.92	101.86%	0.075	0.077	-
						RE Cheek	-	132072	1720	19	18.87	103.04%	0.090	0.093	-
						RE Tilt	-	132072	1720	19	18.87	103.04%	0.067	0.069	-
100 RB		LE Cheek	-	132072	1720	19	18.87	103.04%	0.102	0.105	-				
		LE Tilt	-	132072	1720	19	18.87	103.04%	0.084	0.087	-				

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### Hotspot\_Upper antenna

#### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	23060	704	21.5	21.30	104.71%	0.087	0.091	65
						Front side	10	23095	707.5	21.5	21.38	102.80%	0.083	0.086	-
						Front side	10	23130	711	21.5	21.46	100.93%	0.075	0.075	-
						Back side	10	23130	711	21.5	21.46	100.93%	0.070	0.071	-
						Top side	10	23130	711	21.5	21.46	100.93%	0.062	0.062	-
						Bottom side	10	23130	711	21.5	21.46	100.93%	0.001	0.001	-
						Right side	10	23130	711	21.5	21.46	100.93%	0.051	0.052	-
						Left side	10	23130	711	21.5	21.46	100.93%	0.004	0.004	-
						Front side	10	23095	707.5	20.5	20.44	101.39%	0.083	0.084	-
						Back side	10	23095	707.5	20.5	20.44	101.39%	0.065	0.066	-
						Top side	10	23095	707.5	20.5	20.44	101.39%	0.057	0.058	-
						Bottom side	10	23095	707.5	20.5	20.44	101.39%	0.001	0.001	-
				Right side	10	23095	707.5	20.5	20.44	101.39%	0.045	0.046	-		
				Left side	10	23095	707.5	20.5	20.44	101.39%	0.003	0.003	-		
				Front side	10	23060	704	20.5	20.41	102.09%	0.081	0.083	-		
				Back side	10	23060	704	20.5	20.41	102.09%	0.061	0.062	-		
				Top side	10	23060	704	20.5	20.41	102.09%	0.052	0.053	-		
				Bottom side	10	23060	704	20.5	20.41	102.09%	0.001	0.001	-		
				Right side	10	23060	704	20.5	20.41	102.09%	0.051	0.052	-		
				Left side	10	23060	704	20.5	20.41	102.09%	0.003	0.003	-		

#### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	26765	821.5	21.5	21.46	100.93%	0.161	0.162	66
						Front side	10	26865	831.5	21.5	21.39	102.57%	0.152	0.156	-
						Front side	10	26965	841.5	21.5	21.33	103.99%	0.144	0.150	-
						Back side	10	26765	821.5	21.5	21.46	100.93%	0.122	0.123	-
						Top side	10	26765	821.5	21.5	21.46	100.93%	0.101	0.102	-
						Bottom side	10	26765	821.5	21.5	21.46	100.93%	0.001	0.001	-
						Right side	10	26765	821.5	21.5	21.46	100.93%	0.065	0.066	-
						Left side	10	26765	821.5	21.5	21.46	100.93%	0.051	0.052	-
						Front side	10	26765	821.5	20.5	20.48	100.46%	0.102	0.102	-
						Back side	10	26765	821.5	20.5	20.48	100.46%	0.098	0.099	-
						Top side	10	26765	821.5	20.5	20.48	100.46%	0.094	0.095	-
						Bottom side	10	26765	821.5	20.5	20.48	100.46%	0.001	0.001	-
				Right side	10	26765	821.5	20.5	20.48	100.46%	0.060	0.060	-		
				Left side	10	26765	821.5	20.5	20.48	100.46%	0.043	0.043	-		
				Front side	10	26765	821.5	20.5	20.36	103.28%	0.098	0.101	-		
				Back side	10	26765	821.5	20.5	20.36	103.28%	0.063	0.065	-		
				Top side	10	26765	821.5	20.5	20.36	103.28%	0.075	0.078	-		
				Bottom side	10	26765	821.5	20.5	20.36	103.28%	0.001	0.001	-		
				Right side	10	26765	821.5	20.5	20.36	103.28%	0.061	0.063	-		
				Left side	10	26765	821.5	20.5	20.36	103.28%	0.038	0.039	-		

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### Hotspot\_Lower antenna

#### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	23060	704	21.5	21.30	104.71%	0.142	0.149	67
						Front side	10	23095	707.5	21.5	21.38	102.80%	0.132	0.136	-
						Front side	10	23130	711	21.5	21.46	100.93%	0.137	0.138	-
						Back side	10	23130	711	21.5	21.46	100.93%	0.121	0.122	-
						Top side	10	23130	711	21.5	21.46	100.93%	0.001	0.001	-
						Bottom side	10	23130	711	21.5	21.46	100.93%	0.112	0.113	-
						Right side	10	23130	711	21.5	21.46	100.93%	0.002	0.002	-
						Left side	10	23130	711	21.5	21.46	100.93%	0.002	0.002	-
						Front side	10	23095	707.5	20.5	20.44	101.39%	0.092	0.094	-
						Back side	10	23095	707.5	20.5	20.44	101.39%	0.090	0.091	-
						Top side	10	23095	707.5	20.5	20.44	101.39%	0.001	0.001	-
						Bottom side	10	23095	707.5	20.5	20.44	101.39%	0.081	0.082	-
				Right side	10	23095	707.5	20.5	20.44	101.39%	0.002	0.002	-		
				Left side	10	23095	707.5	20.5	20.44	101.39%	0.002	0.002	-		
				Front side	10	23060	704	20.5	20.41	102.09%	0.091	0.093	-		
				Back side	10	23060	704	20.5	20.41	102.09%	0.088	0.089	-		
				Top side	10	23060	704	20.5	20.41	102.09%	0.001	0.001	-		
				Bottom side	10	23060	704	20.5	20.41	102.09%	0.082	0.084	-		
				Right side	10	23060	704	20.5	20.41	102.09%	0.002	0.002	-		
				Left side	10	23060	704	20.5	20.41	102.09%	0.002	0.002	-		

#### LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	26140	1860	19	18.96	100.93%	0.271	0.274	-
						Back side	10	26140	1860	19	18.96	100.93%	0.300	0.303	-
						Top side	10	26140	1860	19	18.96	100.93%	0.001	0.001	-
						Bottom side	10	26140	1860	19	18.96	100.93%	0.589	0.594	-
						Bottom side	10	26365	1882.5	19	18.77	105.44%	0.678	0.715	-
						Bottom side	10	26590	1905	19	18.88	102.80%	0.721	0.741	68
						Right side	10	26140	1860	19	18.96	100.93%	0.006	0.006	-
						Left side	10	26140	1860	19	18.96	100.93%	0.142	0.143	-
						Front side	10	26140	1860	18	17.92	101.86%	0.205	0.209	-
						Back side	10	26140	1860	18	17.92	101.86%	0.218	0.222	-
						Top side	10	26140	1860	18	17.92	101.86%	0.001	0.001	-
						Bottom side	10	26140	1860	18	17.92	101.86%	0.502	0.511	-
				Right side	10	26140	1860	18	17.92	101.86%	0.003	0.003	-		
				Left side	10	26140	1860	18	17.92	101.86%	0.092	0.094	-		
				Front side	10	26365	1882.5	18	17.82	104.23%	0.201	0.210	-		
				Back side	10	26365	1882.5	18	17.82	104.23%	0.212	0.221	-		
				Top side	10	26365	1882.5	18	17.82	104.23%	0.001	0.001	-		
				Bottom side	10	26365	1882.5	18	17.82	104.23%	0.522	0.544	-		
				Right side	10	26365	1882.5	18	17.82	104.23%	0.002	0.002	-		
				Left side	10	26365	1882.5	18	17.82	104.23%	0.088	0.091	-		

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### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	26765	821.5	21.5	21.46	100.93%	0.249	0.251	69
						Front side	10	26865	831.5	21.5	21.39	102.57%	0.231	0.237	-
						Front side	10	26965	841.5	21.5	21.33	103.99%	0.232	0.241	-
						Back side	10	26765	821.5	21.5	21.46	100.93%	0.231	0.233	-
						Top side	10	26765	821.5	21.5	21.46	100.93%	0.003	0.003	-
						Bottom side	10	26765	821.5	21.5	21.46	100.93%	0.212	0.214	-
						Right side	10	26765	821.5	21.5	21.46	100.93%	0.162	0.163	-
				36 RB	18	Left side	10	26765	821.5	21.5	21.46	100.93%	0.037	0.038	-
						Front side	10	26765	821.5	20.5	20.48	100.46%	0.188	0.189	-
						Back side	10	26765	821.5	20.5	20.48	100.46%	0.182	0.183	-
						Top side	10	26765	821.5	20.5	20.48	100.46%	0.002	0.002	-
						Bottom side	10	26765	821.5	20.5	20.48	100.46%	0.161	0.162	-
						Right side	10	26765	821.5	20.5	20.48	100.46%	0.132	0.133	-
						Left side	10	26765	821.5	20.5	20.48	100.46%	0.027	0.027	-
				75 RB		Front side	10	26765	821.5	20.5	20.36	103.28%	0.172	0.178	-
						Back side	10	26765	821.5	20.5	20.36	103.28%	0.165	0.170	-
						Top side	10	26765	821.5	20.5	20.36	103.28%	0.002	0.002	-
						Bottom side	10	26765	821.5	20.5	20.36	103.28%	0.154	0.159	-
						Right side	10	26765	821.5	20.5	20.36	103.28%	0.122	0.126	-
						Left side	10	26765	821.5	20.5	20.36	103.28%	0.024	0.025	-
						Left side	10	26765	821.5	20.5	20.36	103.28%	0.024	0.025	-

### LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	132322	1745	20	19.97	100.69%	0.172	0.173	-
						Back side	10	132322	1745	20	19.97	100.69%	0.245	0.247	-
						Top side	10	132322	1745	20	19.97	100.69%	0.004	0.004	-
						Bottom side	10	132072	1720	20	19.91	102.09%	0.602	0.615	-
						Bottom side	10	132322	1745	20	19.97	100.69%	0.658	0.663	-
						Bottom side	10	132572	1770	20	19.93	101.62%	0.722	0.734	70
						Right side	10	132322	1745	20	19.97	100.69%	0.051	0.052	-
				50 RB	25	Left side	10	132322	1745	20	19.97	100.69%	0.091	0.092	-
						Front side	10	132572	1770	19	18.92	101.86%	0.135	0.138	-
						Back side	10	132572	1770	19	18.92	101.86%	0.186	0.189	-
						Top side	10	132572	1770	19	18.92	101.86%	0.002	0.002	-
						Bottom side	10	132572	1770	19	18.92	101.86%	0.543	0.553	-
						Right side	10	132572	1770	19	18.92	101.86%	0.037	0.038	-
						Left side	10	132572	1770	19	18.92	101.86%	0.069	0.070	-
				100 RB		Front side	10	132072	1720	19	18.87	103.04%	0.123	0.127	-
						Back side	10	132072	1720	19	18.87	103.04%	0.171	0.176	-
						Top side	10	132072	1720	19	18.87	103.04%	0.002	0.002	-
						Bottom side	10	132072	1720	19	18.87	103.04%	0.532	0.548	-
						Right side	10	132072	1720	19	18.87	103.04%	0.034	0.035	-
						Left side	10	132072	1720	19	18.87	103.04%	0.066	0.068	-
						Left side	10	132072	1720	19	18.87	103.04%	0.066	0.068	-

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## Head\_Upper antenna\_reduced power

### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	20.5	20.46	100.93%	0.403	0.407	71
						RE Cheek	-	26865	831.5	20.5	20.39	102.57%	0.378	0.388	-
						RE Cheek	-	26965	841.5	20.5	20.33	103.99%	0.365	0.380	-
						RE Tilt	-	26765	821.5	20.5	20.46	100.93%	0.252	0.254	-
						LE Cheek	-	26765	821.5	20.5	20.46	100.93%	0.292	0.295	-
				LE Tilt	-	26765	821.5	20.5	20.46	100.93%	0.222	0.224	-		
				36 RB	18	RE Cheek	-	26765	821.5	19.5	19.46	100.93%	0.291	0.294	-
						RE Tilt	-	26765	821.5	19.5	19.46	100.93%	0.192	0.194	-
						LE Cheek	-	26765	821.5	19.5	19.46	100.93%	0.241	0.243	-
						LE Tilt	-	26765	821.5	19.5	19.46	100.93%	0.145	0.146	-
						RE Cheek	-	26765	821.5	19.5	19.36	103.28%	0.303	0.313	-
				75 RB		RE Tilt	-	26765	821.5	19.5	19.36	103.28%	0.212	0.219	-
						LE Cheek	-	26765	821.5	19.5	19.36	103.28%	0.243	0.251	-
						LE Tilt	-	26765	821.5	19.5	19.36	103.28%	0.192	0.198	-

## ENDC-LTE\_without WLAN

### Head\_Upper antenna

### LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	20450	829	21.5	21.47	100.69%	0.510	0.514	72
						RE Cheek	-	20525	836.5	21.5	21.39	102.57%	0.492	0.505	-
						RE Cheek	-	20600	844	21.5	21.32	104.23%	0.466	0.486	-
						RE Tilt	-	20450	829	21.5	21.47	100.69%	0.311	0.313	-
						LE Cheek	-	20450	829	21.5	21.47	100.69%	0.364	0.367	-
				LE Tilt	-	20450	829	21.5	21.47	100.69%	0.306	0.308	-		
				25 RB	12	RE Cheek	-	20450	829	20.5	20.29	104.95%	0.401	0.421	-
						RE Tilt	-	20450	829	20.5	20.29	104.95%	0.244	0.256	-
						LE Cheek	-	20450	829	20.5	20.29	104.95%	0.271	0.284	-
						LE Tilt	-	20450	829	20.5	20.29	104.95%	0.244	0.256	-
						RE Cheek	-	20450	829	20.5	20.45	101.16%	0.405	0.410	-
				50 RB		RE Tilt	-	20450	829	20.5	20.45	101.16%	0.246	0.249	-
						LE Cheek	-	20450	829	20.5	20.45	101.16%	0.287	0.290	-
						LE Tilt	-	20450	829	20.5	20.45	101.16%	0.239	0.242	-

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## Head\_Lower antenna

### LTE FDD Band 2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	18700	1860	21	20.90	102.33%	0.092	0.094	-
						RE Tilt	-	18700	1860	21	20.90	102.33%	0.056	0.057	-
						LE Cheek	-	18700	1860	21	20.90	102.33%	0.110	0.113	-
						LE Cheek	-	18900	1880	21	20.79	104.95%	0.117	0.123	-
						LE Cheek	-	19100	1900	21	20.61	109.40%	0.131	0.143	73
						LE Tilt	-	18700	1860	21	20.90	102.33%	0.066	0.067	-
				50 RB	0	RE Cheek	-	18700	1860	20	19.91	102.09%	0.068	0.070	-
						RE Tilt	-	18700	1860	20	19.91	102.09%	0.043	0.044	-
						LE Cheek	-	18700	1860	20	19.91	102.09%	0.083	0.084	-
						LE Tilt	-	18700	1860	20	19.91	102.09%	0.041	0.042	-
						RE Cheek	-	18900	1880	20	19.85	103.51%	0.045	0.046	-
						RE Tilt	-	18900	1880	20	19.85	103.51%	0.037	0.038	-
				100 RB		LE Cheek	-	18900	1880	20	19.85	103.51%	0.074	0.076	-
						LE Tilt	-	18900	1880	20	19.85	103.51%	0.040	0.041	-

## ENDC-LTE\_with WLAN

### Head\_Upper antenna\_ENDC with WLAN calling

### LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	20450	829	20	19.95	101.16%	0.354	0.358	75
						RE Cheek	-	20525	836.5	20	19.94	101.39%	0.335	0.340	-
						RE Cheek	-	20600	844	20	19.91	102.09%	0.321	0.328	-
						RE Tilt	-	20450	829	20	19.95	101.16%	0.229	0.232	-
						LE Cheek	-	20450	829	20	19.95	101.16%	0.245	0.248	-
						LE Tilt	-	20450	829	20	19.95	101.16%	0.217	0.220	-
				25 RB	12	RE Cheek	-	20450	829	19	18.96	100.93%	0.278	0.281	-
						RE Tilt	-	20450	829	19	18.96	100.93%	0.178	0.180	-
						LE Cheek	-	20450	829	19	18.96	100.93%	0.189	0.191	-
						LE Tilt	-	20450	829	19	18.96	100.93%	0.169	0.171	-
						RE Cheek	-	20450	829	19	18.95	101.16%	0.283	0.286	-
						RE Tilt	-	20450	829	19	18.95	101.16%	0.168	0.170	-
				50 RB		LE Cheek	-	20450	829	19	18.95	101.16%	0.183	0.185	-
						LE Tilt	-	20450	829	19	18.95	101.16%	0.161	0.163	-

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## Head\_Lower antenna\_ENDC with WLAN calling

### LTE FDD Band 2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	18700	1860	18	17.90	102.33%	0.044	0.045	-
						RE Tilt	-	18700	1860	18	17.90	102.33%	0.028	0.029	-
						LE Cheek	-	18700	1860	18	17.90	102.33%	0.053	0.055	-
						LE Cheek	-	18900	1880	18	17.68	107.65%	0.059	0.064	-
						LE Cheek	-	19100	1900	18	17.66	108.14%	0.066	0.071	77
						LE Tilt	-	18700	1860	18	17.90	102.33%	0.031	0.032	-
				50 RB	12	RE Cheek	-	18700	1860	17	16.84	103.75%	0.038	0.040	-
						RE Tilt	-	18700	1860	17	16.84	103.75%	0.022	0.023	-
						LE Cheek	-	18700	1860	17	16.84	103.75%	0.041	0.043	-
						LE Tilt	-	18700	1860	17	16.84	103.75%	0.025	0.026	-
						RE Cheek	-	18900	1880	17	16.80	104.71%	0.033	0.035	-
						RE Tilt	-	18900	1880	17	16.80	104.71%	0.020	0.021	-
				100 RB		LE Cheek	-	18900	1880	17	16.80	104.71%	0.038	0.040	-
						LE Tilt	-	18900	1880	17	16.80	104.71%	0.022	0.023	-

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### Hotspot\_Upper antenna\_ENDC with WLAN calling mode

#### LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	22.46	23.43	79.98%	0.245	0.196	80
						Front side	10	20525	836.5	23.5	23.35	103.51%	0.224	0.232	-
						Front side	10	20600	844	23.5	23.38	102.80%	0.216	0.222	-
						Back side	10	20450	829	22.46	23.43	79.98%	0.189	0.151	-
						Top side	10	20450	829	22.46	23.43	79.98%	0.154	0.123	-
						Bottom side	10	20450	829	22.46	23.43	79.98%	0.001	0.001	-
				25 RB	12	Right side	10	20450	829	22.46	23.43	79.98%	0.098	0.078	-
						Left side	10	20450	829	22.46	23.43	79.98%	0.075	0.060	-
						Front side	10	20450	829	22.5	22.46	100.93%	0.188	0.190	-
						Back side	10	20450	829	22.5	22.46	100.93%	0.149	0.150	-
						Top side	10	20450	829	22.5	22.46	100.93%	0.121	0.122	-
						Bottom side	10	20450	829	22.5	22.46	100.93%	0.001	0.001	-
				50 RB		Right side	10	20450	829	22.5	22.46	100.93%	0.078	0.078	-
						Left side	10	20450	829	22.5	22.46	100.93%	0.058	0.059	-
						Front side	10	20450	829	22.5	22.45	101.16%	0.176	0.178	-
						Back side	10	20450	829	22.5	22.45	101.16%	0.135	0.137	-
						Top side	10	20450	829	22.5	22.45	101.16%	0.118	0.119	-
						Bottom side	10	20450	829	22.5	22.45	101.16%	0.001	0.001	-
				Right side	10	20450	829	22.5	22.45	101.16%	0.074	0.075	-		
				Left side	10	20450	829	22.5	22.45	101.16%	0.056	0.056	-		

### Hotspot\_Upper antenna\_ENDC with WLAN camera/gaming mode

#### LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	21.5	21.47	100.69%	0.155	0.156	81
						Front side	10	20525	836.5	21.5	21.39	102.57%	0.132	0.135	-
						Front side	10	20600	844	21.5	21.32	104.23%	0.111	0.116	-
						Back side	10	20450	829	21.5	21.47	100.69%	0.122	0.123	-
						Top side	10	20450	829	21.5	21.47	100.69%	0.100	0.100	-
						Bottom side	10	20450	829	21.5	21.47	100.69%	0.001	0.001	-
				25 RB	12	Right side	10	20450	829	21.5	21.47	100.69%	0.064	0.064	-
						Left side	10	20450	829	21.5	21.47	100.69%	0.047	0.048	-
						Front side	10	20450	829	20.5	20.29	104.95%	0.106	0.111	-
						Back side	10	20450	829	20.5	20.29	104.95%	0.090	0.094	-
						Top side	10	20450	829	20.5	20.29	104.95%	0.073	0.076	-
						Bottom side	10	20450	829	20.5	20.29	104.95%	0.001	0.001	-
				50 RB		Right side	10	20450	829	20.5	20.29	104.95%	0.042	0.044	-
						Left side	10	20450	829	20.5	20.29	104.95%	0.029	0.031	-
						Front side	10	20450	829	20.5	20.45	101.16%	0.114	0.115	-
						Back side	10	20450	829	20.5	20.45	101.16%	0.091	0.092	-
						Top side	10	20450	829	20.5	20.45	101.16%	0.069	0.070	-
						Bottom side	10	20450	829	20.5	20.45	101.16%	0.001	0.001	-
				Right side	10	20450	829	20.5	20.45	101.16%	0.045	0.046	-		
				Left side	10	20450	829	20.5	20.45	101.16%	0.033	0.033	-		

### Hotspot\_Upper antenna\_ENDC with WLAN normal mode

#### LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	23	22.97	100.69%	0.208	0.209	82
						Front side	10	20525	836.5	23	22.92	101.86%	0.197	0.201	-
						Front side	10	20600	844	23	22.89	102.57%	0.186	0.191	-
						Back side	10	20450	829	23	22.97	100.69%	0.163	0.164	-
						Top side	10	20450	829	23	22.97	100.69%	0.142	0.143	-
						Bottom side	10	20450	829	23	22.97	100.69%	0.001	0.001	-
				25 RB	12	Right side	10	20450	829	23	22.97	100.69%	0.084	0.084	-
						Left side	10	20450	829	23	22.97	100.69%	0.063	0.063	-
						Front side	10	20450	829	22	21.99	100.23%	0.157	0.157	-
						Back side	10	20450	829	22	21.99	100.23%	0.126	0.126	-
						Top side	10	20450	829	22	21.99	100.23%	0.109	0.109	-
						Bottom side	10	20450	829	22	21.99	100.23%	0.001	0.001	-
				50 RB		Right side	10	20450	829	22	21.99	100.23%	0.064	0.064	-
						Left side	10	20450	829	22	21.99	100.23%	0.049	0.049	-
						Front side	10	20450	829	22	21.82	104.23%	0.148	0.154	-
						Back side	10	20450	829	22	21.82	104.23%	0.116	0.121	-
						Top side	10	20450	829	22	21.82	104.23%	0.104	0.108	-
						Bottom side	10	20450	829	22	21.82	104.23%	0.001	0.001	-
				Right side	10	20450	829	22	21.82	104.23%	0.061	0.063	-		
				Left side	10	20450	829	22	21.82	104.23%	0.046	0.048	-		

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### Hotspot\_Lower antenna\_ENDC with WLAN calling/gaming mode

#### LTE FDD Band 2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	18700	1860	18	17.90	102.33%	0.214	0.219	-
						Back side	10	18700	1860	18	17.90	102.33%	0.224	0.229	-
						Top side	10	18700	1860	18	17.90	102.33%	0.001	0.001	-
						Bottom side	10	18700	1860	18	17.90	102.33%	0.453	0.464	-
						Bottom side	10	18900	1880	18	17.68	107.65%	0.501	0.539	-
						Bottom side	10	19100	1900	18	17.66	108.14%	0.532	0.575	83
						Right side	10	18700	1860	18	17.90	102.33%	0.005	0.005	-
						Left side	10	18700	1860	18	17.90	102.33%	0.107	0.109	-
						Right side	10	18700	1860	17	16.84	103.75%	0.163	0.169	-
						Back side	10	18700	1860	17	16.84	103.75%	0.173	0.179	-
						Top side	10	18700	1860	17	16.84	103.75%	0.001	0.001	-
						Bottom side	10	18700	1860	17	16.84	103.75%	0.337	0.350	-
				Right side	10	18700	1860	17	16.84	103.75%	0.004	0.004	-		
				Left side	10	18700	1860	17	16.84	103.75%	0.082	0.085	-		
				Right side	10	18900	1880	17	16.80	104.71%	0.154	0.161	-		
				Back side	10	18900	1880	17	16.80	104.71%	0.163	0.171	-		
				Top side	10	18900	1880	17	16.80	104.71%	0.001	0.001	-		
				Bottom side	10	18900	1880	17	16.80	104.71%	0.334	0.350	-		
				Right side	10	18900	1880	17	16.80	104.71%	0.003	0.003	-		
				Left side	10	18900	1880	17	16.80	104.71%	0.079	0.083	-		

#### LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	21	20.96	100.93%	0.206	0.208	84
						Front side	10	20525	836.5	21	20.93	101.62%	0.201	0.204	-
						Front side	10	20600	844	21	20.95	101.16%	0.193	0.195	-
						Back side	10	20450	829	21	20.96	100.93%	0.201	0.203	-
						Top side	10	20450	829	21	20.96	100.93%	0.002	0.002	-
						Bottom side	10	20450	829	21	20.96	100.93%	0.184	0.186	-
						Right side	10	20450	829	21	20.96	100.93%	0.145	0.146	-
						Left side	10	20450	829	21	20.96	100.93%	0.031	0.031	-
						Front side	10	20450	829	20	19.95	101.16%	0.154	0.156	-
						Back side	10	20450	829	20	19.95	101.16%	0.143	0.145	-
						Top side	10	20450	829	20	19.95	101.16%	0.002	0.002	-
						Bottom side	10	20450	829	20	19.95	101.16%	0.143	0.145	-
				Right side	10	20450	829	20	19.95	101.16%	0.111	0.112	-		
				Left side	10	20450	829	20	19.95	101.16%	0.024	0.024	-		
				Front side	10	20450	829	20	19.89	102.57%	0.148	0.152	-		
				Back side	10	20450	829	20	19.89	102.57%	0.138	0.142	-		
				Top side	10	20450	829	20	19.89	102.57%	0.002	0.002	-		
				Bottom side	10	20450	829	20	19.89	102.57%	0.131	0.134	-		
				Right side	10	20450	829	20	19.89	102.57%	0.103	0.106	-		
				Left side	10	20450	829	20	19.89	102.57%	0.022	0.023	-		

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### LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	41490	2680	20	19.99	100.23%	0.148	0.148	-
						Back side	10	41490	2680	20	19.99	100.23%	0.206	0.206	-
						Top side	10	41490	2680	20	19.99	100.23%	0.001	0.001	-
						Bottom side	10	39750	2506	20	19.94	101.39%	0.229	0.232	-
						Bottom side	10	40185	2549.5	20	19.91	102.09%	0.210	0.214	-
						Bottom side	10	40620	2593	20	19.98	100.46%	0.225	0.226	-
						Bottom side	10	41055	2636.5	20	19.92	101.86%	0.231	0.235	-
						Bottom side	10	41490	2680	20	19.99	100.23%	0.266	0.267	87
						Right side	10	41490	2680	20	19.99	100.23%	0.002	0.002	-
				Left side	10	41490	2680	20	19.99	100.23%	0.106	0.106	-		
				Front side	10	41490	2680	19	18.99	100.23%	0.113	0.113	-		
				Back side	10	41490	2680	19	18.99	100.23%	0.157	0.157	-		
				Top side	10	41490	2680	19	18.99	100.23%	0.001	0.001	-		
				Bottom side	10	41490	2680	19	18.99	100.23%	0.201	0.201	-		
				Right side	10	41490	2680	19	18.99	100.23%	0.002	0.002	-		
				Left side	10	41490	2680	19	18.99	100.23%	0.082	0.082	-		
				Front side	10	39750	2506	19	18.99	100.23%	0.109	0.109	-		
				Back side	10	39750	2506	19	18.99	100.23%	0.143	0.143	-		
				Top side	10	39750	2506	19	18.99	100.23%	0.001	0.001	-		
				Bottom side	10	39750	2506	19	18.99	100.23%	0.193	0.193	-		
				Right side	10	39750	2506	19	18.99	100.23%	0.001	0.001	-		
				Left side	10	39750	2506	19	18.99	100.23%	0.078	0.078	-		

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## Hotspot\_Lower antenna\_ENDC with WLAN camera mode

### LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	19.5	19.41	102.09%	0.148	0.151	89
						Front side	10	20525	836.5	19.5	19.36	103.28%	0.137	0.141	-
						Front side	10	20600	844	19.5	19.39	102.57%	0.129	0.132	-
						Back side	10	20450	829	19.5	19.41	102.09%	0.142	0.145	-
						Top side	10	20450	829	19.5	19.41	102.09%	0.002	0.002	-
						Bottom side	10	20450	829	19.5	19.41	102.09%	0.129	0.132	-
						Right side	10	20450	829	19.5	19.41	102.09%	0.105	0.107	-
						Left side	10	20450	829	19.5	19.41	102.09%	0.021	0.022	-
						Front side	10	20450	829	18.5	18.46	100.93%	0.112	0.113	-
				Back side	10	20450	829	18.5	18.46	100.93%	0.105	0.106	-		
				Top side	10	20450	829	18.5	18.46	100.93%	0.001	0.001	-		
				Bottom side	10	20450	829	18.5	18.46	100.93%	0.099	0.100	-		
				Right side	10	20450	829	18.5	18.46	100.93%	0.082	0.083	-		
				Left side	10	20450	829	18.5	18.46	100.93%	0.016	0.016	-		
				Front side	10	20450	829	18.5	18.46	100.93%	0.107	0.108	-		
				Back side	10	20450	829	18.5	18.46	100.93%	0.096	0.097	-		
				Top side	10	20450	829	18.5	18.46	100.93%	0.001	0.001	-		
				Bottom side	10	20450	829	18.5	18.46	100.93%	0.096	0.097	-		
				Right side	10	20450	829	18.5	18.46	100.93%	0.081	0.082	-		
				Left side	10	20450	829	18.5	18.46	100.93%	0.015	0.015	-		

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### LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	41490	2680	19	18.92	101.86%	0.122	0.124	-
						Back side	10	41490	2680	19	18.92	101.86%	0.161	0.164	-
						Top side	10	41490	2680	19	18.92	101.86%	0.001	0.001	-
						Bottom side	10	39750	2506	19	18.87	103.04%	0.183	0.189	-
						Bottom side	10	40185	2549.5	19	18.81	104.47%	0.173	0.181	-
						Bottom side	10	40620	2593	19	18.89	102.57%	0.181	0.186	-
						Bottom side	10	41055	2636.5	19	18.88	102.80%	0.186	0.191	-
						Bottom side	10	41490	2680	19	18.92	101.86%	0.209	0.213	93
						Right side	10	41490	2680	19	18.92	101.86%	0.001	0.001	-
				50 RB	0	Left side	10	41490	2680	19	18.92	101.86%	0.086	0.087	-
						Front side	10	41490	2680	18	17.88	102.80%	0.094	0.097	-
						Back side	10	41490	2680	18	17.88	102.80%	0.119	0.122	-
						Top side	10	41490	2680	18	17.88	102.80%	0.001	0.001	-
						Bottom side	10	41490	2680	18	17.88	102.80%	0.163	0.168	-
						Right side	10	41490	2680	18	17.88	102.80%	0.001	0.001	-
						Left side	10	41490	2680	18	17.88	102.80%	0.066	0.068	-
						Front side	10	39750	2506	18	17.82	104.23%	0.092	0.096	-
						Back side	10	39750	2506	18	17.82	104.23%	0.101	0.105	-
				100 RB		Top side	10	39750	2506	18	17.82	104.23%	0.001	0.001	-
						Bottom side	10	39750	2506	18	17.82	104.23%	0.154	0.161	-
						Right side	10	39750	2506	18	17.82	104.23%	0.001	0.001	-
						Left side	10	39750	2506	18	17.82	104.23%	0.063	0.065	-

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### Hotspot\_Lower antenna\_ENDC with WLAN normal mode

#### LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	20.5	20.48	100.46%	0.189	0.190	94
						Front side	10	20525	836.5	20.5	20.45	101.16%	0.183	0.185	-
						Front side	10	20600	844	20.5	20.41	102.09%	0.177	0.181	-
						Back side	10	20450	829	20.5	20.48	100.46%	0.182	0.183	-
						Top side	10	20450	829	20.5	20.48	100.46%	0.002	0.002	-
						Bottom side	10	20450	829	20.5	20.48	100.46%	0.166	0.167	-
						Right side	10	20450	829	20.5	20.48	100.46%	0.131	0.132	-
						Left side	10	20450	829	20.5	20.48	100.46%	0.028	0.028	-
						Front side	10	20450	829	19.5	19.48	100.46%	0.151	0.152	-
						Back side	10	20450	829	19.5	19.48	100.46%	0.143	0.144	-
						Top side	10	20450	829	19.5	19.48	100.46%	0.002	0.002	-
						Bottom side	10	20450	829	19.5	19.48	100.46%	0.128	0.129	-
				Right side	10	20450	829	19.5	19.48	100.46%	0.099	0.100	-		
				Left side	10	20450	829	19.5	19.48	100.46%	0.022	0.022	-		
				Front side	10	20450	829	19.5	19.48	100.46%	0.154	0.155	-		
				Back side	10	20450	829	19.5	19.48	100.46%	0.137	0.138	-		
				Top side	10	20450	829	19.5	19.48	100.46%	0.002	0.002	-		
				Bottom side	10	20450	829	19.5	19.48	100.46%	0.104	0.104	-		
				Right side	10	20450	829	19.5	19.48	100.46%	0.093	0.094	-		
				Left side	10	20450	829	19.5	19.48	100.46%	0.018	0.018	-		

#### LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	41490	2680	20.5	20.46	100.93%	0.169	0.171	-
						Back side	10	41490	2680	20.5	20.46	100.93%	0.233	0.235	-
						Top side	10	41490	2680	20.5	20.46	100.93%	0.001	0.001	-
						Bottom side	10	39750	2506	20.5	20.39	102.57%	0.252	0.258	-
						Bottom side	10	40185	2549.5	20.5	20.40	102.33%	0.241	0.247	-
						Bottom side	10	40620	2593	20.5	20.30	104.71%	0.249	0.261	-
						Bottom side	10	41055	2636.5	20.5	20.34	103.75%	0.256	0.266	-
						Bottom side	10	41490	2680	20.5	20.46	100.93%	0.293	0.296	95
						Right side	10	41490	2680	20.5	20.46	100.93%	0.002	0.002	-
						Left side	10	41490	2680	20.5	20.46	100.93%	0.122	0.123	-
						Front side	10	41490	2680	19.5	19.30	104.71%	0.126	0.132	-
						Back side	10	41490	2680	19.5	19.30	104.71%	0.168	0.176	-
				Top side	10	41490	2680	19.5	19.30	104.71%	0.001	0.001	-		
				Bottom side	10	41490	2680	19.5	19.30	104.71%	0.221	0.231	-		
				Right side	10	41490	2680	19.5	19.30	104.71%	0.001	0.002	-		
				Left side	10	41490	2680	19.5	19.30	104.71%	0.088	0.092	-		
				Front side	10	39750	2506	19.5	19.38	102.80%	0.106	0.109	-		
				Back side	10	39750	2506	19.5	19.38	102.80%	0.154	0.158	-		
				Top side	10	39750	2506	19.5	19.38	102.80%	0.001	0.001	-		
				Bottom side	10	39750	2506	19.5	19.38	102.80%	0.198	0.204	-		
				Right side	10	39750	2506	19.5	19.38	102.80%	0.001	0.001	-		
				Left side	10	39750	2506	19.5	19.38	102.80%	0.079	0.081	-		

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**5G NR**

**without WLAN mode**

**Head\_Upper antenna**

**n41 (without WLAN & ENDC with WLAN calling)**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Head	100MHz	DTF-s QPSK OFDM	1 RB	137	RE Cheek	-	513900	2569.5	25.5	25.04	111.17%	0.044	0.048	96
						RE Cheek	-	509202	2546.01	25.5	25.09	109.90%	0.032	0.035	-
						RE Cheek	-	518598	2592.99	25.5	24.21	134.59%	0.023	0.031	-
						RE Cheek	-	523299	2616.495	25.5	24.40	128.82%	0.011	0.014	-
						RE Cheek	-	528000	2640	25.5	24.52	125.31%	0.030	0.038	-
						RE Tilt	-	509202	2546.01	25.5	25.09	109.90%	0.021	0.023	-
				LE Cheek	-	509202	2546.01	25.5	25.09	109.90%	0.012	0.013	-		
				LE Tilt	-	509202	2546.01	25.5	25.09	109.90%	0.008	0.009	-		
				RE Cheek	-	509202	2546.01	25.5	24.99	112.46%	0.012	0.013	-		
				RE Tilt	-	509202	2546.01	25.5	24.99	112.46%	0.009	0.010	-		
				LE Cheek	-	509202	2546.01	25.5	24.99	112.46%	0.004	0.004	-		
				LE Tilt	-	509202	2546.01	25.5	24.99	112.46%	0.001	0.001	-		
				RE Cheek	-	509202	2546.01	24.5	23.94	113.76%	0.022	0.025	-		
				RE Tilt	-	509202	2546.01	24.5	23.94	113.76%	0.009	0.010	-		
				LE Cheek	-	509202	2546.01	24.5	23.94	113.76%	0.010	0.011	-		
				LE Tilt	-	509202	2546.01	24.5	23.94	113.76%	0.003	0.003	-		

**without WLAN mode**

**Head\_Lower antenna**

**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Head	100MHz	DTF-s QPSK OFDM	1 RB	137	RE Cheek	-	513900	2569.5	23	22.96	100.93%	0.021	0.021	97
						RE Cheek	-	509202	2546.01	23	22.98	100.46%	0.019	0.019	-
						RE Cheek	-	518598	2592.99	23	22.86	103.28%	0.015	0.016	-
						RE Cheek	-	523299	2616.495	23	22.72	106.66%	0.010	0.010	-
						RE Cheek	-	528000	2640	23	22.84	103.75%	0.009	0.009	-
						RE Tilt	-	509202	2546.01	23	22.98	100.46%	0.010	0.010	-
				LE Cheek	-	509202	2546.01	23	22.98	100.46%	0.012	0.012	-		
				LE Tilt	-	509202	2546.01	23	22.98	100.46%	0.006	0.006	-		
				RE Cheek	-	509202	2546.01	23	22.91	102.09%	0.009	0.010	-		
				RE Tilt	-	509202	2546.01	23	22.91	102.09%	0.004	0.004	-		
				LE Cheek	-	509202	2546.01	23	22.91	102.09%	0.004	0.004	-		
				LE Tilt	-	509202	2546.01	23	22.91	102.09%	0.001	0.001	-		
				RE Cheek	-	509202	2546.01	22	21.86	103.28%	0.008	0.008	-		
				RE Tilt	-	509202	2546.01	22	21.86	103.28%	0.003	0.003	-		
				LE Cheek	-	509202	2546.01	22	21.86	103.28%	0.003	0.003	-		
				LE Tilt	-	509202	2546.01	22	21.86	103.28%	0.002	0.002	-		

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**Hotspot mode**

**Hotspot\_Upper antenna**

**n41 (ENDC with WLAN calling/camera/normal/gaming)**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	25.5	25.04	111.17%	0.195	0.217	98
						Front side	10	509202	2546.01	25.5	25.09	109.90%	0.077	0.084	-
						Back side	10	509202	2546.01	25.5	25.09	109.90%	0.176	0.193	-
						Back side	10	518598	2592.99	25.5	24.21	134.59%	0.157	0.211	-
						Back side	10	523299	2616.495	25.5	24.40	128.82%	0.122	0.157	-
						Back side	10	528000	2640	25.5	24.52	125.31%	0.166	0.208	-
						Top side	10	509202	2546.01	25.5	25.09	109.90%	0.005	0.006	-
						Bottom side	10	509202	2546.01	25.5	25.09	109.90%	0.004	0.004	-
						Right side	10	509202	2546.01	25.5	25.09	109.90%	0.012	0.013	-
						Left side	10	509202	2546.01	25.5	25.09	109.90%	0.023	0.025	-
						Front side	10	509202	2546.01	25.5	24.99	112.46%	0.055	0.061	-
						Back side	10	509202	2546.01	25.5	24.99	112.46%	0.147	0.165	-
				Top side	10	509202	2546.01	25.5	24.99	112.46%	0.003	0.004	-		
				Bottom side	10	509202	2546.01	25.5	24.99	112.46%	0.002	0.002	-		
				Right side	10	509202	2546.01	25.5	24.99	112.46%	0.009	0.010	-		
				Left side	10	509202	2546.01	25.5	24.99	112.46%	0.016	0.018	-		
				Front side	10	509202	2546.01	24.5	23.94	113.76%	0.051	0.058	-		
				Back side	10	509202	2546.01	24.5	23.94	113.76%	0.134	0.152	-		
				Top side	10	509202	2546.01	24.5	23.94	113.76%	0.002	0.002	-		
				Bottom side	10	509202	2546.01	24.5	23.94	113.76%	0.001	0.001	-		
				Right side	10	509202	2546.01	24.5	23.94	113.76%	0.008	0.009	-		
				Left side	10	509202	2546.01	24.5	23.94	113.76%	0.015	0.016	-		

**Hotspot mode**

**Hotspot\_Lower antenna**

**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	23	22.96	100.93%	0.982	0.991	-
						Front side	10	509202	2546.01	23	22.98	100.46%	0.063	0.063	-
						Back side	10	509202	2546.01	23	22.98	100.46%	1.010	1.015	99
						Back side*	10	509202	2546.01	23	22.98	100.46%	0.996	1.001	-
						Back side	10	518598	2592.99	23	22.86	103.28%	0.822	0.849	-
						Back side	10	523299	2616.495	23	22.72	106.66%	0.853	0.910	-
						Back side	10	528000	2640	23	22.84	103.75%	0.882	0.915	-
						Top side	10	509202	2546.01	23	22.98	100.46%	0.008	0.008	-
						Bottom side	10	509202	2546.01	23	22.98	100.46%	0.277	0.278	-
						Right side	10	509202	2546.01	23	22.98	100.46%	0.045	0.045	-
						Left side	10	509202	2546.01	23	22.98	100.46%	0.116	0.117	-
						Front side	10	509202	2546.01	23	22.91	102.09%	0.054	0.055	-
				Back side	10	509202	2546.01	23	22.91	102.09%	0.954	0.974	-		
				Back side	10	513900	2569.5	23	22.88	102.80%	0.943	0.969	-		
				Back side	10	518598	2592.99	23	22.86	103.28%	0.932	0.963	-		
				Back side	10	523299	2616.495	23	22.77	105.44%	0.917	0.967	-		
				Back side	10	528000	2640	23	22.88	102.80%	0.922	0.948	-		
				Top side	10	509202	2546.01	23	22.91	102.09%	0.007	0.008	-		
				Bottom side	10	509202	2546.01	23	22.91	102.09%	0.265	0.271	-		
				Right side	10	509202	2546.01	23	22.91	102.09%	0.043	0.044	-		
				Left side	10	509202	2546.01	23	22.91	102.09%	0.107	0.109	-		
				Front side	10	509202	2546.01	22	21.86	103.28%	0.061	0.063	-		
				Back side	10	509202	2546.01	22	21.86	103.28%	0.753	0.778	-		
				Top side	10	509202	2546.01	22	21.86	103.28%	0.007	0.007	-		
				Bottom side	10	509202	2546.01	22	21.86	103.28%	0.213	0.220	-		
				Right side	10	509202	2546.01	22	21.86	103.28%	0.072	0.074	-		
				Left side	10	509202	2546.01	22	21.86	103.28%	0.090	0.093	-		

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

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with WLAN mode  
Hotspot\_Lower antenna\_normal/calling mode  
n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	21.5	21.33	103.99%	0.682	0.709	-
						Front side	10	509202	2546.01	21.5	21.39	102.57%	0.043	0.045	-
						Back side	10	509202	2546.01	21.5	21.39	102.57%	0.711	0.729	100
						Back side	10	518598	2592.99	21.5	21.31	104.47%	0.605	0.632	-
						Back side	10	523299	2616.495	21.5	21.38	102.80%	0.623	0.640	-
						Back side	10	528000	2640	21.5	21.38	102.80%	0.642	0.660	-
						Top side	10	509202	2546.01	21.5	21.39	102.57%	0.005	0.005	-
						Bottom side	10	509202	2546.01	21.5	21.39	102.57%	0.189	0.194	-
						Right side	10	509202	2546.01	21.5	21.39	102.57%	0.031	0.032	-
						Left side	10	509202	2546.01	21.5	21.39	102.57%	0.082	0.084	-
						Front side	10	509202	2546.01	21.5	21.41	102.09%	0.038	0.039	-
						Back side	10	509202	2546.01	21.5	21.41	102.09%	0.682	0.696	-
				Top side	10	509202	2546.01	21.5	21.41	102.09%	0.004	0.005	-		
				Bottom side	10	509202	2546.01	21.5	21.41	102.09%	0.182	0.186	-		
				Right side	10	509202	2546.01	21.5	21.41	102.09%	0.028	0.028	-		
				Left side	10	509202	2546.01	21.5	21.41	102.09%	0.072	0.074	-		
				Front side	10	509202	2546.01	20.5	20.43	101.62%	0.023	0.024	-		
				Back side	10	509202	2546.01	20.5	20.43	101.62%	0.552	0.561	-		
				Top side	10	509202	2546.01	20.5	20.43	101.62%	0.003	0.003	-		
				Bottom side	10	509202	2546.01	20.5	20.43	101.62%	0.156	0.159	-		
				Right side	10	509202	2546.01	20.5	20.43	101.62%	0.019	0.019	-		
				Left side	10	509202	2546.01	20.5	20.43	101.62%	0.062	0.063	-		

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with WLAN mode

Hotspot\_Lower antenna\_camera mode

n41 (SA camera + ENDC with calling/normal mode)

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	20	19.93	101.62%	0.425	0.432	-
						Front side	10	509202	2546.01	20	19.95	101.16%	0.031	0.032	-
						Back side	10	509202	2546.01	20	19.95	101.16%	0.501	0.507	101
						Back side	10	518598	2592.99	20	19.81	104.47%	0.421	0.440	-
						Back side	10	523299	2616.495	20	19.68	107.65%	0.458	0.493	-
						Back side	10	528000	2640	20	19.88	102.80%	0.452	0.465	-
						Top side	10	509202	2546.01	20	19.95	101.16%	0.005	0.005	-
						Bottom side	10	509202	2546.01	20	19.95	101.16%	0.132	0.134	-
						Right side	10	509202	2546.01	20	19.95	101.16%	0.025	0.025	-
						Left side	10	509202	2546.01	20	19.95	101.16%	0.058	0.059	-
						Front side	10	509202	2546.01	20	19.87	103.04%	0.027	0.028	-
						Back side	10	509202	2546.01	20	19.87	103.04%	0.484	0.499	-
				Top side	10	509202	2546.01	20	19.87	103.04%	0.003	0.004	-		
				Bottom side	10	509202	2546.01	20	19.87	103.04%	0.127	0.131	-		
				Right side	10	509202	2546.01	20	19.87	103.04%	0.022	0.023	-		
				Left side	10	509202	2546.01	20	19.87	103.04%	0.053	0.055	-		
				Front side	10	509202	2546.01	19	18.88	102.80%	0.024	0.024	-		
				Back side	10	509202	2546.01	19	18.88	102.80%	0.367	0.377	-		
				Top side	10	509202	2546.01	19	18.88	102.80%	0.002	0.002	-		
				Bottom side	10	509202	2546.01	19	18.88	102.80%	0.104	0.107	-		
				Right side	10	509202	2546.01	19	18.88	102.80%	0.014	0.015	-		
				Left side	10	509202	2546.01	19	18.88	102.80%	0.045	0.046	-		

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with WLAN mode  
Hotspot\_Lower antenna\_gaming mode  
n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
													Measured	Reported		
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	20.5	20.32	104.23%	0.543	0.566	-	
						Front side	10	509202	2546.01	20.5	20.48	100.46%	0.032	0.032	-	
						Back side	10	509202	2546.01	20.5	20.48	100.46%	0.568	0.571	102	
						Back side	10	518598	2592.99	20.5	20.49	100.23%	0.452	0.453	-	
						Back side	10	523299	2616.495	20.5	20.38	102.80%	0.502	0.516	-	
						Back side	10	528000	2640	20.5	20.35	103.51%	0.512	0.530	-	
					135 RB	69	Top side	10	509202	2546.01	20.5	20.48	100.46%	0.004	0.004	-
							Bottom side	10	509202	2546.01	20.5	20.48	100.46%	0.153	0.154	-
							Right side	10	509202	2546.01	20.5	20.48	100.46%	0.025	0.025	-
							Left side	10	509202	2546.01	20.5	20.48	100.46%	0.062	0.062	-
							Front side	10	509202	2546.01	20.5	20.49	100.23%	0.031	0.031	-
							Back side	10	509202	2546.01	20.5	20.49	100.23%	0.523	0.524	-
				270 RB	0	Top side	10	509202	2546.01	20.5	20.49	100.23%	0.004	0.004	-	
						Bottom side	10	509202	2546.01	20.5	20.49	100.23%	0.151	0.151	-	
						Right side	10	509202	2546.01	20.5	20.49	100.23%	0.023	0.023	-	
						Left side	10	509202	2546.01	20.5	20.49	100.23%	0.061	0.061	-	
						Front side	10	509202	2546.01	19.5	19.48	100.46%	0.024	0.024	-	
						Back side	10	509202	2546.01	19.5	19.48	100.46%	0.429	0.431	-	
				270 RB	0	Top side	10	509202	2546.01	19.5	19.48	100.46%	0.003	0.003	-	
						Bottom side	10	509202	2546.01	19.5	19.48	100.46%	0.118	0.119	-	
						Right side	10	509202	2546.01	19.5	19.48	100.46%	0.018	0.018	-	
						Left side	10	509202	2546.01	19.5	19.48	100.46%	0.051	0.051	-	

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**ENDC with WLAN mode**

**Head\_Lower antenna\_ENDC with WLAN calling mode**

**n2**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n2	Head	20MHz	DTF-s QPSK OFDM	1 RB	53	RE Cheek	-	372000	1860	18.5	17.46	127.06%	0.023	0.029	-
						RE Cheek	-	376000	1880	18.5	17.48	126.47%	0.028	0.036	103
						RE Cheek	-	380000	1900	18.5	17.41	128.53%	0.020	0.026	-
						RE Tilt	-	376000	1880	18.5	17.48	126.47%	0.015	0.019	-
						LE Cheek	-	376000	1880	18.5	17.48	126.47%	0.022	0.027	-
						LE Tilt	-	376000	1880	18.5	17.48	126.47%	0.011	0.014	-
				50 RB	28	RE Cheek	-	376000	1880	18.5	17.37	129.72%	0.016	0.021	-
						RE Tilt	-	376000	1880	18.5	17.37	129.72%	0.010	0.013	-
						LE Cheek	-	376000	1880	18.5	17.37	129.72%	0.016	0.021	-
						LE Tilt	-	376000	1880	18.5	17.37	129.72%	0.007	0.010	-
						RE Cheek	-	380000	1900	17.5	16.31	131.52%	0.010	0.013	-
						RE Tilt	-	380000	1900	17.5	16.31	131.52%	0.008	0.011	-
100 RB		LE Cheek	-	380000	1900	17.5	16.31	131.52%	0.010	0.014	-				
		LE Tilt	-	380000	1900	17.5	16.31	131.52%	0.005	0.006	-				

**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Head	100MHz	DTF-s QPSK OFDM	1 RB	137	RE Cheek	-	513900	2569.5	20	19.93	101.62%	0.009	0.010	104
						RE Cheek	-	509202	2546.01	20	19.95	101.16%	0.007	0.008	-
						RE Cheek	-	518598	2592.99	20	19.81	104.47%	0.005	0.006	-
						RE Cheek	-	523299	2616.495	20	19.68	107.65%	0.004	0.005	-
						RE Cheek	-	528000	2640	20	19.88	102.80%	0.002	0.002	-
						RE Tilt	-	509202	2546.01	20	19.95	101.16%	0.005	0.005	-
						LE Cheek	-	509202	2546.01	20	19.95	101.16%	0.006	0.006	-
						LE Tilt	-	509202	2546.01	20	19.95	101.16%	0.003	0.003	-
						RE Cheek	-	509202	2546.01	20	19.87	103.04%	0.006	0.006	-
						RE Tilt	-	509202	2546.01	20	19.87	103.04%	0.003	0.003	-
						LE Cheek	-	509202	2546.01	20	19.87	103.04%	0.005	0.005	-
						LE Tilt	-	509202	2546.01	20	19.87	103.04%	0.002	0.002	-
				135 RB	69	RE Cheek	-	509202	2546.01	19	18.88	102.80%	0.004	0.004	-
						RE Tilt	-	509202	2546.01	19	18.88	102.80%	0.003	0.003	-
						LE Cheek	-	509202	2546.01	19	18.88	102.80%	0.003	0.004	-
						LE Tilt	-	509202	2546.01	19	18.88	102.80%	0.001	0.001	-

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**n66**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n66	Head	40MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	346000	1730	19.5	19.46	100.93%	0.036	0.036	105
						RE Cheek	-	349000	1745	19.5	19.36	103.28%	0.029	0.030	-
						RE Cheek	-	352000	1760	19.5	19.29	104.95%	0.030	0.032	-
						RE Tilt	-	346000	1730	19.5	19.46	100.93%	0.025	0.025	-
						LE Cheek	-	346000	1730	19.5	19.46	100.93%	0.034	0.034	-
				135 RB	56	LE Tilt	-	346000	1730	19.5	19.46	100.93%	0.017	0.017	-
						RE Cheek	-	346000	1730	18.42	19.45	78.89%	0.028	0.022	-
						RE Tilt	-	346000	1730	18.42	19.45	78.89%	0.023	0.018	-
						LE Cheek	-	346000	1730	18.42	19.45	78.89%	0.031	0.025	-
						LE Tilt	-	346000	1730	18.42	19.45	78.89%	0.015	0.012	-
				200 RB	0	RE Cheek	-	349000	1745	18.5	18.42	101.86%	0.021	0.021	-
						RE Tilt	-	349000	1745	18.5	18.42	101.86%	0.015	0.015	-
						LE Cheek	-	349000	1745	18.5	18.42	101.86%	0.023	0.023	-
						LE Tilt	-	349000	1745	18.5	18.42	101.86%	0.010	0.010	-

**n71**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n71	Head	20MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	134600	673	24.5	23.77	118.30%	0.010	0.012	106
						RE Cheek	-	136100	680.5	24.5	23.70	120.23%	0.007	0.008	-
						RE Cheek	-	137600	688	24.5	23.55	124.45%	0.003	0.004	-
						RE Tilt	-	134600	673	24.5	23.77	118.30%	0.006	0.007	-
						LE Cheek	-	134600	673	24.5	23.77	118.30%	0.007	0.009	-
				50 RB	28	LE Tilt	-	134600	673	24.5	23.77	118.30%	0.003	0.004	-
						RE Cheek	-	136100	680.5	24.5	23.69	120.50%	0.007	0.008	-
						RE Tilt	-	136100	680.5	24.5	23.69	120.50%	0.004	0.005	-
						LE Cheek	-	136100	680.5	24.5	23.69	120.50%	0.005	0.006	-
						LE Tilt	-	136100	680.5	24.5	23.69	120.50%	0.002	0.003	-
				100 RB	0	RE Cheek	-	136100	680.5	24.5	22.57	155.96%	0.005	0.007	-
						RE Tilt	-	136100	680.5	24.5	22.57	155.96%	0.003	0.005	-
						LE Cheek	-	136100	680.5	24.5	22.57	155.96%	0.004	0.007	-
						LE Tilt	-	136100	680.5	24.5	22.57	155.96%	0.002	0.003	-

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### Hotspot\_Lower antenna (ENDC with WLAN calling/camera/normal/gaming mode)

n2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n2	Hotspot	20MHz	DTF-s QPSK OFDM	1 RB	53	Front side	10	376000	1880	18.5	17.48	126.47%	0.098	0.124	-
						Back side	10	376000	1880	18.5	17.48	126.47%	0.119	0.151	-
						Top side	10	376000	1880	18.5	17.48	126.47%	0.001	0.001	-
						Bottom side	10	372000	1860	18.5	17.46	127.06%	0.393	0.499	-
						Bottom side	10	376000	1880	18.5	17.48	126.47%	0.411	0.520	107
						Bottom side	10	380000	1900	18.5	17.41	128.53%	0.374	0.481	-
						Right side	10	376000	1880	18.5	17.48	126.47%	0.027	0.035	-
						Left side	10	376000	1880	18.5	17.48	126.47%	0.063	0.080	-
						Front side	10	376000	1880	18.5	17.37	129.72%	0.093	0.120	-
						Back side	10	376000	1880	18.5	17.37	129.72%	0.102	0.132	-
						Top side	10	376000	1880	18.5	17.37	129.72%	0.001	0.001	-
						Bottom side	10	376000	1880	18.5	17.37	129.72%	0.372	0.483	-
				Right side	10	376000	1880	18.5	17.37	129.72%	0.025	0.033	-		
				Left side	10	376000	1880	18.5	17.37	129.72%	0.060	0.078	-		
				Front side	10	380000	1900	17.5	16.31	131.52%	0.072	0.095	-		
				Back side	10	380000	1900	17.5	16.31	131.52%	0.078	0.103	-		
				Top side	10	380000	1900	17.5	16.31	131.52%	0.001	0.001	-		
				Bottom side	10	380000	1900	17.5	16.31	131.52%	0.289	0.380	-		
				Right side	10	380000	1900	17.5	16.31	131.52%	0.022	0.029	-		
				Left side	10	380000	1900	17.5	16.31	131.52%	0.046	0.061	-		

n5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n5	Hotspot	20MHz	DTF-s QPSK OFDM	1 RB	53	Front side	10	166800	834	24.5	23.02	140.60%	0.042	0.059	-
						Front side	10	167300	836.5	24.5	23.28	132.43%	0.080	0.105	108
						Front side	10	167800	839	24.5	23.06	139.32%	0.061	0.085	-
						Back side	10	167300	836.5	24.5	23.28	132.43%	0.055	0.073	-
						Top side	10	167300	836.5	24.5	23.28	132.43%	0.001	0.001	-
						Bottom side	10	167300	836.5	24.5	23.28	132.43%	0.007	0.010	-
						Right side	10	167300	836.5	24.5	23.28	132.43%	0.001	0.001	-
						Left side	10	167300	836.5	24.5	23.28	132.43%	0.001	0.001	-
						Front side	10	167300	836.5	24.5	23.24	133.66%	0.056	0.075	-
						Back side	10	167300	836.5	24.5	23.24	133.66%	0.044	0.058	-
						Top side	10	167300	836.5	24.5	23.24	133.66%	0.001	0.001	-
						Bottom side	10	167300	836.5	24.5	23.24	133.66%	0.005	0.007	-
				Right side	10	167300	836.5	24.5	23.24	133.66%	0.001	0.001	-		
				Left side	10	167300	836.5	24.5	23.24	133.66%	0.001	0.001	-		
				Front side	10	167300	836.5	23.5	22.12	137.40%	0.045	0.062	-		
				Back side	10	167300	836.5	23.5	22.12	137.40%	0.033	0.046	-		
				Top side	10	167300	836.5	23.5	22.12	137.40%	0.001	0.001	-		
				Bottom side	10	167300	836.5	23.5	22.12	137.40%	0.003	0.005	-		
				Right side	10	167300	836.5	23.5	22.12	137.40%	0.001	0.001	-		
				Left side	10	167300	836.5	23.5	22.12	137.40%	0.001	0.001	-		

n66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n66	Hotspot	40MHz	DTF-s QPSK OFDM	1 RB	1	Front side	10	346000	1730	19.5	19.46	100.93%	0.134	0.135	-
						Back side	10	346000	1730	19.5	19.46	100.93%	0.266	0.268	-
						Top side	10	346000	1730	19.5	19.46	100.93%	0.001	0.001	-
						Bottom side	10	346000	1730	19.5	19.46	100.93%	0.589	0.594	109
						Bottom side	10	349000	1745	19.5	19.36	103.28%	0.543	0.561	-
						Bottom side	10	352000	1760	19.5	19.29	104.95%	0.561	0.589	-
						Right side	10	346000	1730	19.5	19.46	100.93%	0.005	0.005	-
						Left side	10	346000	1730	19.5	19.46	100.93%	0.074	0.074	-
						Front side	10	346000	1730	19.5	19.45	101.16%	0.122	0.123	-
						Back side	10	346000	1730	19.5	19.45	101.16%	0.243	0.246	-
						Top side	10	346000	1730	19.5	19.45	101.16%	0.001	0.001	-
						Bottom side	10	346000	1730	19.5	19.45	101.16%	0.553	0.559	-
				Right side	10	346000	1730	19.5	19.45	101.16%	0.004	0.004	-		
				Left side	10	346000	1730	19.5	19.45	101.16%	0.071	0.072	-		
				Front side	10	349000	1745	18.5	18.42	101.86%	0.094	0.095	-		
				Back side	10	349000	1745	18.5	18.42	101.86%	0.162	0.165	-		
				Top side	10	349000	1745	18.5	18.42	101.86%	0.001	0.001	-		
				Bottom side	10	349000	1745	18.5	18.42	101.86%	0.435	0.443	-		
				Right side	10	349000	1745	18.5	18.42	101.86%	0.003	0.003	-		
				Left side	10	349000	1745	18.5	18.42	101.86%	0.052	0.053	-		

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### Hotspot\_Lower antenna (ENDC with WLAN camera mode)

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
													Measured	Reported		
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	18.5	18.45	101.16%	0.305	0.309	-	
						Front side	10	509202	2546.01	18.5	18.47	100.69%	0.018	0.018	-	
						Back side	10	509202	2546.01	18.5	18.47	100.69%	0.346	0.348	111	
						Back side	10	518598	2592.99	18.5	18.33	103.99%	0.271	0.282	-	
						Back side	10	523299	2616.495	18.5	18.37	103.04%	0.286	0.295	-	
						Back side	10	528000	2640	18.5	18.40	102.33%	0.309	0.316	-	
					270 RB	0	Top side	10	509202	2546.01	18.5	18.47	100.69%	0.003	0.003	-
							Bottom side	10	509202	2546.01	18.5	18.47	100.69%	0.088	0.088	-
							Right side	10	509202	2546.01	18.5	18.47	100.69%	0.011	0.011	-
							Left side	10	509202	2546.01	18.5	18.47	100.69%	0.034	0.034	-
							Front side	10	509202	2546.01	18.5	18.39	102.57%	0.016	0.017	-
							Back side	10	509202	2546.01	18.5	18.39	102.57%	0.317	0.325	-
				135 RB	69	Top side	10	509202	2546.01	18.5	18.39	102.57%	0.002	0.002	-	
						Bottom side	10	509202	2546.01	18.5	18.39	102.57%	0.082	0.084	-	
						Right side	10	509202	2546.01	18.5	18.39	102.57%	0.010	0.010	-	
						Left side	10	509202	2546.01	18.5	18.39	102.57%	0.032	0.033	-	
						Front side	10	509202	2546.01	17.5	17.40	102.33%	0.013	0.013	-	
						Back side	10	509202	2546.01	17.5	17.40	102.33%	0.241	0.247	-	
					270 RB	0	Top side	10	509202	2546.01	17.5	17.40	102.33%	0.001	0.001	-
							Bottom side	10	509202	2546.01	17.5	17.40	102.33%	0.056	0.058	-
							Right side	10	509202	2546.01	17.5	17.40	102.33%	0.007	0.007	-
							Left side	10	509202	2546.01	17.5	17.40	102.33%	0.024	0.024	-

### Hotspot\_Lower antenna (ENDC with WLAN gaming mode)

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
													Measured	Reported		
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	19.5	19.42	101.86%	0.415	0.423	-	
						Front side	10	509202	2546.01	19.5	19.46	100.93%	0.023	0.023	-	
						Back side	10	509202	2546.01	19.5	19.46	100.93%	0.432	0.436	112	
						Back side	10	518598	2592.99	19.5	19.35	103.51%	0.372	0.385	-	
						Back side	10	523299	2616.495	19.5	19.24	106.17%	0.385	0.409	-	
						Back side	10	528000	2640	19.5	19.38	102.80%	0.378	0.389	-	
					270 RB	0	Top side	10	509202	2546.01	19.5	19.46	100.93%	0.003	0.003	-
							Bottom side	10	509202	2546.01	19.5	19.46	100.93%	0.107	0.108	-
							Right side	10	509202	2546.01	19.5	19.46	100.93%	0.018	0.018	-
							Left side	10	509202	2546.01	19.5	19.46	100.93%	0.046	0.047	-
							Front side	10	509202	2546.01	19.5	19.38	102.80%	0.022	0.022	-
							Back side	10	509202	2546.01	19.5	19.38	102.80%	0.409	0.420	-
				135 RB	69	Top side	10	509202	2546.01	19.5	19.38	102.80%	0.002	0.002	-	
						Bottom side	10	509202	2546.01	19.5	19.38	102.80%	0.093	0.096	-	
						Right side	10	509202	2546.01	19.5	19.38	102.80%	0.012	0.013	-	
						Left side	10	509202	2546.01	19.5	19.38	102.80%	0.042	0.043	-	
						Front side	10	509202	2546.01	18.5	18.39	102.57%	0.015	0.016	-	
						Back side	10	509202	2546.01	18.5	18.39	102.57%	0.318	0.326	-	
					270 RB	0	Top side	10	509202	2546.01	18.5	18.39	102.57%	0.001	0.001	-
							Bottom side	10	509202	2546.01	18.5	18.39	102.57%	0.071	0.073	-
							Right side	10	509202	2546.01	18.5	18.39	102.57%	0.009	0.010	-
							Left side	10	509202	2546.01	18.5	18.39	102.57%	0.033	0.034	-

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**ENDC\_5G NR**  
**without WLAN mode**  
**Head\_Lower antenna**  
**n2**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n2	Head	20MHz	DTF-s QPSK OFDM	1 RB	53	RE Cheek	-	372000	1860	22.5	22.37	103.04%	0.075	0.077	-
						RE Cheek	-	376000	1880	22.5	22.45	101.16%	0.091	0.092	113
						RE Cheek	-	380000	1900	22.5	22.35	103.51%	0.079	0.082	-
						RE Tilt	-	376000	1880	22.5	22.45	101.16%	0.054	0.055	-
						LE Cheek	-	376000	1880	22.5	22.45	101.16%	0.073	0.074	-
				LE Tilt	-	376000	1880	22.5	22.45	101.16%	0.041	0.042	-		
				RE Cheek	-	376000	1880	22.5	22.34	103.75%	0.072	0.075	-		
				RE Tilt	-	376000	1880	22.5	22.34	103.75%	0.046	0.048	-		
				LE Cheek	-	376000	1880	22.5	22.34	103.75%	0.058	0.060	-		
				LE Tilt	-	376000	1880	22.5	22.34	103.75%	0.028	0.029	-		
				RE Cheek	-	380000	1900	21.5	21.34	103.75%	0.064	0.066	-		
				RE Tilt	-	380000	1900	21.5	21.34	103.75%	0.033	0.034	-		
				LE Cheek	-	380000	1900	21.5	21.34	103.75%	0.052	0.054	-		
				LE Tilt	-	380000	1900	21.5	21.34	103.75%	0.021	0.022	-		

**n5 (without WLAN & ENDC with WLAN)**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n5	Head	20MHz	DTF-s QPSK OFDM	1 RB	53	RE Cheek	-	166800	834	24.5	23.02	140.60%	0.012	0.017	-
						RE Cheek	-	167300	836.5	24.5	23.28	132.43%	0.017	0.022	114
						RE Cheek	-	167800	839	24.5	23.06	139.32%	0.010	0.014	-
						RE Tilt	-	167300	836.5	24.5	23.28	132.43%	0.009	0.012	-
						LE Cheek	-	167300	836.5	24.5	23.28	132.43%	0.012	0.016	-
				LE Tilt	-	167300	836.5	24.5	23.28	132.43%	0.006	0.008	-		
				RE Cheek	-	167300	836.5	24.5	23.24	133.66%	0.011	0.015	-		
				RE Tilt	-	167300	836.5	24.5	23.24	133.66%	0.006	0.009	-		
				LE Cheek	-	167300	836.5	24.5	23.24	133.66%	0.008	0.011	-		
				LE Tilt	-	167300	836.5	24.5	23.24	133.66%	0.002	0.003	-		
				RE Cheek	-	167300	836.5	23.5	22.12	137.40%	0.013	0.018	-		
				RE Tilt	-	167300	836.5	23.5	22.12	137.40%	0.004	0.006	-		
				LE Cheek	-	167300	836.5	23.5	22.12	137.40%	0.005	0.007	-		
				LE Tilt	-	167300	836.5	23.5	22.12	137.40%	0.001	0.002	-		

**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Head	100MHz	DTF-s QPSK OFDM	1 RB	137	RE Cheek	-	513900	2569.5	20	19.93	101.62%	0.009	0.009	115
						RE Cheek	-	509202	2546.01	20	19.96	100.93%	0.008	0.008	-
						RE Cheek	-	518598	2592.99	20	19.89	102.57%	0.007	0.007	-
						RE Cheek	-	523299	2616.495	20	19.81	104.47%	0.004	0.004	-
						RE Cheek	-	528000	2640	20	19.84	103.75%	0.002	0.002	-
						RE Tilt	-	509202	2546.01	20	19.96	100.93%	0.005	0.005	-
						LE Cheek	-	509202	2546.01	20	19.96	100.93%	0.006	0.006	-
						LE Tilt	-	509202	2546.01	20	19.96	100.93%	0.002	0.002	-
						RE Cheek	-	509202	2546.01	20	19.82	104.23%	0.005	0.005	-
						RE Tilt	-	509202	2546.01	20	19.82	104.23%	0.003	0.003	-
				LE Cheek	-	509202	2546.01	20	19.82	104.23%	0.004	0.004	-		
				LE Tilt	-	509202	2546.01	20	19.82	104.23%	0.001	0.001	-		
				RE Cheek	-	509202	2546.01	19	18.96	100.93%	0.004	0.004	-		
				RE Tilt	-	509202	2546.01	19	18.96	100.93%	0.002	0.002	-		
				LE Cheek	-	509202	2546.01	19	18.96	100.93%	0.002	0.002	-		
				LE Tilt	-	509202	2546.01	19	18.96	100.93%	0.001	0.001	-		

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**n66**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n66	Head	40MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	346000	1730	20.5	20.48	100.46%	0.047	0.047	116
						RE Cheek	-	349000	1745	20.5	20.30	104.71%	0.037	0.039	-
						RE Cheek	-	352000	1760	20.5	20.29	104.95%	0.042	0.044	-
						RE Tilt	-	346000	1730	20.5	20.48	100.46%	0.031	0.031	-
						LE Cheek	-	346000	1730	20.5	20.48	100.46%	0.042	0.042	-
				LE Tilt	-	346000	1730	20.5	20.48	100.46%	0.023	0.023	-		
				RE Cheek	-	346000	1730	20.5	20.46	100.93%	0.036	0.037	-		
				RE Tilt	-	346000	1730	20.5	20.46	100.93%	0.023	0.023	-		
				LE Cheek	-	346000	1730	20.5	20.46	100.93%	0.028	0.029	-		
				LE Tilt	-	346000	1730	20.5	20.46	100.93%	0.017	0.017	-		
				RE Cheek	-	349000	1745	19.5	19.47	100.69%	0.030	0.030	-		
				RE Tilt	-	349000	1745	19.5	19.47	100.69%	0.025	0.025	-		
				LE Cheek	-	349000	1745	19.5	19.47	100.69%	0.022	0.022	-		
				LE Tilt	-	349000	1745	19.5	19.47	100.69%	0.015	0.015	-		

**n71 (without WLAN & ENDC with WLAN)**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n71	Head	20MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	134600	673	24.5	23.77	118.30%	0.010	0.012	117
						RE Cheek	-	136100	680.5	24.5	23.70	120.23%	0.007	0.008	-
						RE Cheek	-	137600	688	24.5	23.55	124.45%	0.003	0.004	-
						RE Tilt	-	134600	673	24.5	23.77	118.30%	0.006	0.007	-
						LE Cheek	-	134600	673	24.5	23.77	118.30%	0.007	0.009	-
				LE Tilt	-	134600	673	24.5	23.77	118.30%	0.003	0.004	-		
				RE Cheek	-	136100	680.5	24.5	23.69	120.50%	0.007	0.008	-		
				RE Tilt	-	136100	680.5	24.5	23.69	120.50%	0.004	0.005	-		
				LE Cheek	-	136100	680.5	24.5	23.69	120.50%	0.005	0.006	-		
				LE Tilt	-	136100	680.5	24.5	23.69	120.50%	0.002	0.003	-		
				RE Cheek	-	136100	680.5	24.5	22.57	155.96%	0.005	0.007	-		
				RE Tilt	-	136100	680.5	24.5	22.57	155.96%	0.003	0.005	-		
				LE Cheek	-	136100	680.5	24.5	22.57	155.96%	0.004	0.007	-		
				LE Tilt	-	136100	680.5	24.5	22.57	155.96%	0.002	0.003	-		

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**WWAN only**  
**Body-wron\_Upper antenna**  
**GSM850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850 (Body-worn)	Front side	15	128	824.2	34.0	32.04	157.04%	0.075	0.118	-
	Front side	15	190	836.5	34.0	32.42	143.88%	0.093	0.134	-
	Front side	15	251	848.8	34.0	32.21	151.01%	0.104	0.157	118
	Back side	15	190	836.5	34.0	32.42	143.88%	0.063	0.090	-

**WCDMA Band V**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	15	4132	826.4	24.5	23.18	135.52%	0.211	0.286	-
	Front side	15	4183	836.6	24.5	23.13	137.09%	0.218	0.299	119
	Front side	15	4233	846.6	24.5	23.09	138.36%	0.201	0.278	-
	Back side	15	4132	826.4	24.5	23.18	135.52%	0.193	0.262	-

**LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23060	704	24.5	22.82	147.23%	0.118	0.174	120
						Front side	15	23095	707.5	24.5	22.79	148.25%	0.115	0.170	-
						Front side	15	23130	711	24.5	22.92	143.88%	0.109	0.157	-
						Back side	15	23130	711	24.5	22.92	143.88%	0.098	0.140	-
						Front side	15	23095	707.5	23.5	21.96	142.56%	0.117	0.167	-
						Back side	15	23095	707.5	23.5	21.96	142.56%	0.097	0.138	-
				25 RB	25	Front side	15	23060	704	23.5	21.97	142.23%	0.115	0.164	-
						Back side	15	23060	704	23.5	21.97	142.23%	0.094	0.134	-

**LTE FDD Band 13**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23230	782	24.5	23.10	138.04%	0.223	0.308	-
						Front side	15	23230	782	24.5	23.05	139.64%	0.218	0.304	-
						Front side	15	23230	782	24.5	23.40	128.82%	0.244	0.314	121
						Back side	15	23230	782	24.5	23.40	128.82%	0.208	0.268	-
						Front side	15	23230	782	23.5	22.27	132.74%	0.204	0.271	-
						Back side	15	23230	782	23.5	22.27	132.74%	0.175	0.232	-
				25 RB	12	Front side	15	23230	782	23.5	22.16	136.14%	0.178	0.242	-
						Back side	15	23230	782	23.5	22.16	136.14%	0.146	0.199	-

**LTE FDD Band 26**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	24.5	23.70	120.23%	0.271	0.326	122
						Front side	15	26865	831.5	24.5	23.53	125.03%	0.255	0.319	-
						Front side	15	26965	841.5	24.5	23.46	127.06%	0.242	0.307	-
						Back side	15	26765	821.5	24.5	23.70	120.23%	0.215	0.258	-
						Front side	15	26765	821.5	23.5	22.71	119.95%	0.169	0.203	-
						Back side	15	26765	821.5	23.5	22.71	119.95%	0.200	0.240	-
				36 RB	18	Front side	15	26765	821.5	23.5	22.70	120.23%	0.164	0.197	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-

CA_5B	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	20450	829	24.5	22.99	141.58%	0.224	0.317	-
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### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	133222	673	24.5	23.71	119.95%	0.097	0.116	-
						Front side	15	133297	680.5	24.5	23.70	120.23%	0.086	0.103	-
						Front side	15	133372	688	24.5	23.75	118.85%	0.108	0.128	123
						Back side	15	133372	688	24.5	23.75	118.85%	0.096	0.114	-
						Front side	15	133222	673	23.5	22.81	117.22%	0.084	0.098	-
						Back side	15	133222	673	23.5	22.81	117.22%	0.081	0.095	-
				50 RB	0	Front side	15	133222	673	23.5	22.79	117.76%	0.083	0.098	-
						Back side	15	133222	673	23.5	22.79	117.76%	0.078	0.092	-
						Front side	15	133222	673	23.5	22.79	117.76%	0.083	0.098	-
						Back side	15	133222	673	23.5	22.79	117.76%	0.078	0.092	-

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**WWAN only**

**Body-wron\_Lower antenna**

**GSM850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850 (Bodu-worn)	Front side	15	128	824.2	34.0	32.04	157.04%	0.298	0.468	-
	Front side	15	190	836.5	34.0	32.42	143.88%	0.335	0.482	-
	Front side	15	251	848.8	34.0	32.21	151.01%	0.347	0.524	124
	Back side	15	190	836.5	34.0	32.42	143.88%	0.298	0.429	-

**GSM1900**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 1900 (Bodu-worn)	Front side	15	661	1880	31.0	30.50	112.20%	0.223	0.250	-
	Back side	15	512	1850.2	31.0	30.13	122.18%	0.352	0.430	-
	Back side	15	661	1880	31.0	30.50	112.20%	0.398	0.447	125
	Back side	15	810	1909.8	31.0	30.22	119.67%	0.311	0.372	-

**WCDMA Band II**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Front side	15	9400	1880	24.5	23.11	137.72%	0.256	0.353	-
	Back side	15	9262	1852.4	24.5	23.09	138.36%	0.312	0.432	-
	Back side	15	9400	1880	24.5	23.11	137.72%	0.330	0.454	126
	Back side	15	9538	1907.6	24.5	23.04	139.96%	0.276	0.386	-

**WCDMA Band IV**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Front side	15	1513	1752.6	23.5	22.97	112.98%	0.183	0.207	-
	Back side	15	1312	1712.4	23.5	22.96	113.24%	0.196	0.222	-
	Back side	15	1412	1732.4	23.5	22.93	114.02%	0.230	0.262	-
	Back side	15	1513	1752.6	23.5	22.97	112.98%	0.260	0.294	127

**WCDMA Band V**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	15	4132	826.4	24.5	23.18	135.52%	0.145	0.197	-
	Front side	15	4183	836.6	24.5	23.13	137.09%	0.161	0.221	-
	Front side	15	4233	846.6	24.5	23.09	138.36%	0.178	0.246	128
	Back side	15	4132	826.4	24.5	23.18	135.52%	0.121	0.164	-

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### LTE FDD Band 7

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 7	Body-worn	20MHz	QPSK	1 RB	99	Front side	15	21350	2560	23.5	22.71	119.95%	0.178	0.214	-
						Back side	15	20850	2510	23.5	22.70	120.23%	0.198	0.238	-
						Back side	15	21100	2535	23.5	22.60	123.03%	0.212	0.261	-
				50 RB	50	Front side	15	21350	2560	23.5	22.71	119.95%	0.240	0.288	129
						Back side	15	21350	2560	22.5	21.71	119.95%	0.133	0.160	-
						Back side	15	21350	2560	22.5	21.71	119.95%	0.180	0.216	-
				100 RB		Front side	15	21100	2535	22.5	21.68	120.78%	0.118	0.143	-
						Back side	15	21100	2535	22.5	21.68	120.78%	0.167	0.202	-
						Back side	15	21350	2560	23.5	22.66	121.34%	0.233	0.283	-
CA_7C	Body-worn	20MHz	QPSK	1 RB	99	Back side	15	21350	2560	23.5	22.66	121.34%	0.233	0.283	-

### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23130	711	24.5	22.92	143.88%	0.075	0.108	-
						Back side	15	23060	704	24.5	22.82	147.23%	0.209	0.308	130
						Back side	15	23095	707.5	24.5	22.79	148.25%	0.156	0.231	-
				25 RB	25	Front side	15	23130	711	24.5	22.92	143.88%	0.189	0.272	-
						Back side	15	23095	707.5	23.5	21.96	142.56%	0.056	0.080	-
						Back side	15	23095	707.5	23.5	21.96	142.56%	0.178	0.254	-
				50 RB		Front side	15	23060	704	23.5	21.97	142.23%	0.053	0.076	-
						Back side	15	23060	704	23.5	21.97	142.23%	0.198	0.282	-
						Back side	15	23060	704	23.5	21.97	142.23%	0.198	0.282	-

### LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23230	782	24.5	23.40	128.82%	0.052	0.067	-
						Back side	15	23230	782	24.5	23.10	138.04%	0.209	0.289	-
						Back side	15	23230	782	24.5	23.05	139.64%	0.223	0.311	-
				25 RB	12	Front side	15	23230	782	24.5	23.40	128.82%	0.253	0.326	131
						Back side	15	23230	782	23.5	22.27	132.74%	0.032	0.042	-
						Back side	15	23230	782	23.5	22.27	132.74%	0.172	0.228	-
				50 RB		Front side	15	23230	782	23.5	22.16	136.14%	0.041	0.056	-
						Back side	15	23230	782	23.5	22.16	136.14%	0.189	0.257	-
						Back side	15	23230	782	23.5	22.16	136.14%	0.189	0.257	-

### LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	26140	1860	24.5	23.58	123.59%	0.429	0.530	-
						Back side	15	26140	1860	24.5	23.58	123.59%	0.501	0.619	132
						Back side	15	26365	1882.5	24.5	23.48	126.47%	0.467	0.591	-
				50 RB	0	Front side	15	26590	1905	24.5	23.38	129.42%	0.434	0.562	-
						Back side	15	26140	1860	23.5	22.70	120.23%	0.351	0.422	-
						Back side	15	26140	1860	23.5	22.70	120.23%	0.412	0.495	-
				100 RB		Front side	15	26365	1882.5	23.5	22.61	122.74%	0.323	0.396	-
						Back side	15	26365	1882.5	23.5	22.61	122.74%	0.398	0.489	-
						Back side	15	26365	1882.5	23.5	22.61	122.74%	0.398	0.489	-

### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	24.5	23.70	120.23%	0.189	0.227	-
						Back side	15	26765	821.5	24.5	23.70	120.23%	0.304	0.365	133
						Back side	15	26865	831.5	24.5	23.53	125.03%	0.283	0.354	-
				36 RB	18	Front side	15	26965	841.5	24.5	23.46	127.06%	0.254	0.323	-
						Back side	15	26765	821.5	23.5	22.71	119.95%	0.145	0.174	-
						Back side	15	26765	821.5	23.5	22.71	119.95%	0.243	0.291	-
				75 RB		Front side	15	26765	821.5	23.5	22.70	120.23%	0.132	0.159	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.223	0.268	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.223	0.268	-
CA_5B	Body-worn	10MHz	QPSK	1 RB	0	Back side	15	20450	829	24.5	22.99	141.58%	0.231	0.327	-

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### LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Body-worn	10MHz	QPSK	1 RB	0	Back side	15	27710	2310	23.5	23.12	109.14%	0.198	0.216	-
						Back side	15	27710	2310	23.5	23.13	108.89%	0.182	0.198	-
						Front side	15	27710	2310	23.5	23.21	106.91%	0.102	0.109	-
						Back side	15	27710	2310	23.5	23.21	106.91%	0.209	0.223	134
						Front side	15	27710	2310	22.5	22.34	103.75%	0.067	0.070	-
						Back side	15	27710	2310	22.5	22.34	103.75%	0.142	0.147	-
				25 RB	12	Front side	15	27710	2310	22.5	22.31	104.47%	0.087	0.091	-
						Back side	15	27710	2310	22.5	22.31	104.47%	0.132	0.138	-

### LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page				
													Measured	Reported					
LTE Band 41	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	41490	2680	24.5	23.72	119.67%	0.123	0.147	-				
						Back side	15	39750	2506	24.5	23.66	121.34%	0.165	0.200	-				
						Back side	15	40185	2549.5	24.5	23.56	124.17%	0.163	0.202	-				
						Back side	15	40620	2593	24.5	23.65	121.62%	0.168	0.204	-				
						Back side	15	41055	2636.5	24.5	23.69	120.50%	0.171	0.206	-				
						Back side	15	41490	2680	24.5	23.72	119.67%	0.174	0.208	135				
						50 RB	0	Front side	15	41490	2680	23.5	22.69	120.50%	0.087	0.105	-		
								Back side	15	41490	2680	23.5	22.69	120.50%	0.142	0.171	-		
				100 RB	0	Front side	15	39750	2506	23.5	22.73	119.40%	0.081	0.097	-				
						Back side	15	39750	2506	23.5	22.73	119.40%	0.131	0.156	-				
				CA_38C	Body-worn	20MHz	QPSK	1 RB	0	Back side	15	37850	2580	24.5	23.67	121.06%	0.163	0.197	-
				CA_41C	Body-worn	20MHz	QPSK	1 RB	0	Back side	15	41490	2680	24.5	23.70	120.23%	0.169	0.203	-

### LTE TDD Band 48

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 48	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	56640	3690	24.5	23.99	112.46%	0.056	0.063	-
						Back side	15	55340	3560	24.5	23.83	116.68%	0.066	0.077	-
						Back side	15	55773	3603.3	24.5	23.82	116.95%	0.084	0.098	137
						Back side	15	56207	3646.7	24.5	23.98	112.72%	0.067	0.076	-
						Back side	15	56640	3690	24.5	23.99	112.46%	0.071	0.080	-
						50 RB	50	Front side	15	56640	3690	23.5	22.96	113.24%	0.041
				Back side	15			56640	3690	23.5	22.96	113.24%	0.078	0.088	-
				100 RB	50	Front side	15	56640	3690	23.5	22.99	112.46%	0.038	0.043	-
						Back side	15	56640	3690	23.5	22.99	112.46%	0.067	0.076	-

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### LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	132322	1745	24.5	23.57	123.88%	0.198	0.245	-
						Back side	15	132072	1720	24.5	23.55	124.45%	0.178	0.222	-
						Back side	15	132322	1745	24.5	23.57	123.88%	0.223	0.276	138
						Back side	15	132572	1770	24.5	23.45	127.35%	0.204	0.260	-
				50 RB	25	Front side	15	132572	1770	23.5	22.57	123.88%	0.157	0.194	-
						Back side	15	132572	1770	23.5	22.57	123.88%	0.164	0.203	-
						Front side	15	132072	1720	23.5	22.44	127.64%	0.145	0.185	-
						Back side	15	132072	1720	23.5	22.44	127.64%	0.161	0.206	-

### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	133222	673	24.5	23.71	119.95%	0.032	0.038	139
						Front side	15	133297	680.5	24.5	23.70	120.23%	0.012	0.014	-
						Front side	15	133372	688	24.5	23.75	118.85%	0.031	0.037	-
						Back side	15	133372	688	24.5	23.75	118.85%	0.027	0.032	-
				50 RB	0	Front side	15	133222	673	23.5	22.81	117.22%	0.022	0.026	-
						Back side	15	133222	673	23.5	22.81	117.22%	0.021	0.025	-
						Front side	15	133222	673	23.5	22.79	117.76%	0.025	0.030	-
						Back side	15	133222	673	23.5	22.79	117.76%	0.017	0.020	-

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**5G NR**  
**WWAN only**  
**Body-worn\_Upper antenna**  
**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
													Measured	Reported		
n41	Body wron	100MHz	DTF-s QPSK OFDM	1 RB	137	1	Back side	15	513900	2569.5	25.5	25.04	111.17%	0.195	0.217	140
						Front side	15	509202	2546.01	25.5	25.09	109.90%	0.077	0.084	-	
						Back side	15	509202	2546.01	25.5	25.09	109.90%	0.176	0.193	-	
						Back side	15	518598	2592.99	25.5	24.21	134.59%	0.157	0.211	-	
						Back side	15	523299	2616.495	25.5	24.40	128.82%	0.122	0.157	-	
						Back side	15	528000	2640	25.5	24.52	125.31%	0.166	0.208	-	
				135 RB	69	Front side	15	509202	2546.01	25.5	24.99	112.46%	0.055	0.061	-	
						Back side	15	509202	2546.01	25.5	24.99	112.46%	0.147	0.165	-	
						Front side	15	509202	2546.01	24.5	23.94	113.76%	0.051	0.058	-	
				270 RB	0	Back side	15	509202	2546.01	24.5	23.94	113.76%	0.134	0.152	-	
						Back side	15	509202	2546.01	24.5	23.94	113.76%	0.134	0.152	-	

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**WWAN only**  
**Body-worn\_Lower antenna**  
**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Body worn	100MHz	DTF-s QPSK OFDM	1 RB	1	Back side	15	513900	2569.5	23	22.96	100.93%	0.202	0.204	-
						Front side	15	509202	2546.01	23	22.98	100.46%	0.032	0.032	-
					137	Back side	15	509202	2546.01	23	22.98	100.46%	0.211	0.212	141
						Back side	15	518598	2592.99	23	22.86	103.28%	0.196	0.202	-
						Back side	15	523299	2616.495	23	22.72	106.66%	0.187	0.199	-
						Back side	15	528000	2640	23	22.84	103.75%	0.200	0.208	-
				135 RB	69	Front side	15	509202	2546.01	23	22.91	102.09%	0.030	0.030	-
						Back side	15	509202	2546.01	23	22.91	102.09%	0.204	0.208	-
				270 RB	0	Front side	15	509202	2546.01	22	21.86	103.28%	0.028	0.029	-
						Back side	15	509202	2546.01	22	21.86	103.28%	0.194	0.200	-

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**WWAN only**  
**Product specific 10-g SAR\_Upper antenna**

**GPRS850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Product specific 10g SAR)	Front side	0	128	824.2	34.0	32.13	153.82%	0.843	1.297	-
	Front side	0	190	836.5	34.0	32.20	151.36%	0.883	1.336	-
	Front side	0	251	848.8	34.0	32.19	151.71%	0.925	1.403	142
	Back side	0	190	836.5	34.0	32.20	151.36%	0.522	0.790	-
	Top side	0	190	836.5	34.0	32.20	151.36%	0.472	0.714	-
	Bottom side	0	190	836.5	34.0	32.20	151.36%	0.004	0.007	-
	Right side	0	190	836.5	34.0	32.20	151.36%	0.281	0.425	-
Left side	0	190	836.5	34.0	32.20	151.36%	0.105	0.159	-	

**WCDMA Band V**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	0	4132	826.4	24.5	23.18	135.52%	0.511	0.693	-
	Front side	0	4183	836.6	24.5	23.13	137.09%	0.562	0.770	143
	Front side	0	4233	846.6	24.5	23.09	138.36%	0.442	0.612	-
	Back side	0	4132	826.4	24.5	23.18	135.52%	0.385	0.522	-
	Top side	0	4132	826.4	24.5	23.18	135.52%	0.284	0.385	-
	Bottom side	0	4132	826.4	24.5	23.18	135.52%	0.003	0.003	-
	Right side	0	4132	826.4	24.5	23.18	135.52%	0.159	0.215	-
Left side	0	4132	826.4	24.5	23.18	135.52%	0.084	0.114	-	

**LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23060	704	24.5	22.82	147.23%	0.489	0.720	144
						Front side	0	23095	707.5	24.5	22.79	148.25%	0.425	0.630	-
						Front side	0	23130	711	24.5	22.92	143.88%	0.451	0.649	-
						Back side	0	23130	711	24.5	22.92	143.88%	0.354	0.509	-
						Top side	0	23130	711	24.5	22.92	143.88%	0.289	0.416	-
						Bottom side	0	23130	711	24.5	22.92	143.88%	0.002	0.003	-
						Right side	0	23130	711	24.5	22.92	143.88%	0.216	0.311	-
						Left side	0	23130	711	24.5	22.92	143.88%	0.195	0.281	-
						Front side	0	23095	707.5	23.5	21.96	142.56%	0.348	0.496	-
						Back side	0	23095	707.5	23.5	21.96	142.56%	0.274	0.391	-
						Top side	0	23095	707.5	23.5	21.96	142.56%	0.221	0.315	-
						Bottom side	0	23095	707.5	23.5	21.96	142.56%	0.001	0.002	-
				Right side	0	23095	707.5	23.5	21.96	142.56%	0.175	0.249	-		
				Left side	0	23095	707.5	23.5	21.96	142.56%	0.147	0.210	-		
				Front side	0	23060	704	23.5	21.97	142.23%	0.395	0.562	-		
				Back side	0	23060	704	23.5	21.97	142.23%	0.254	0.361	-		
				Top side	0	23060	704	23.5	21.97	142.23%	0.209	0.297	-		
				Bottom side	0	23060	704	23.5	21.97	142.23%	0.001	0.002	-		
				Right side	0	23060	704	23.5	21.97	142.23%	0.171	0.243	-		
				Left side	0	23060	704	23.5	21.97	142.23%	0.141	0.201	-		

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### LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23230	782	24.5	23.10	138.04%	0.676	0.933	-
						Front side	0	23230	782	24.5	23.05	139.64%	0.683	0.954	-
						Front side	0	23230	782	24.5	23.40	128.82%	0.759	0.978	145
						Back side	0	23230	782	24.5	23.40	128.82%	0.585	0.754	-
						Top side	0	23230	782	24.5	23.40	128.82%	0.319	0.411	-
						Bottom side	0	23230	782	24.5	23.40	128.82%	0.002	0.003	-
					49	Right side	0	23230	782	24.5	23.40	128.82%	0.271	0.349	-
						Left side	0	23230	782	24.5	23.40	128.82%	0.222	0.286	-
						Front side	0	23230	782	23.5	22.27	132.74%	0.581	0.771	-
						Back side	0	23230	782	23.5	22.27	132.74%	0.458	0.608	-
						Top side	0	23230	782	23.5	22.27	132.74%	0.245	0.325	-
						Bottom side	0	23230	782	23.5	22.27	132.74%	0.001	0.002	-
				25 RB	12	Right side	0	23230	782	23.5	22.27	132.74%	0.199	0.264	-
						Left side	0	23230	782	23.5	22.27	132.74%	0.154	0.204	-
						Front side	0	23230	782	23.5	22.16	136.14%	0.578	0.787	-
						Back side	0	23230	782	23.5	22.16	136.14%	0.437	0.595	-
						Top side	0	23230	782	23.5	22.16	136.14%	0.239	0.325	-
						Bottom side	0	23230	782	23.5	22.16	136.14%	0.001	0.001	-
					50 RB	Right side	0	23230	782	23.5	22.16	136.14%	0.185	0.252	-
						Left side	0	23230	782	23.5	22.16	136.14%	0.132	0.180	-

### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	24.5	23.70	120.23%	0.716	0.861	146		
						Front side	0	26865	831.5	24.5	23.53	125.03%	0.623	0.779	-		
						Front side	0	26965	841.5	24.5	23.46	127.06%	0.657	0.835	-		
						Back side	0	26765	821.5	24.5	23.70	120.23%	0.558	0.671	-		
						Top side	0	26765	821.5	24.5	23.70	120.23%	0.487	0.586	-		
						Bottom side	0	26765	821.5	24.5	23.70	120.23%	0.005	0.006	-		
						36 RB	18	Right side	0	26765	821.5	24.5	23.70	120.23%	0.403	0.485	-
								Left side	0	26765	821.5	24.5	23.70	120.23%	0.357	0.429	-
								Front side	0	26765	821.5	23.5	22.71	119.95%	0.562	0.674	-
								Back side	0	26765	821.5	23.5	22.71	119.95%	0.442	0.530	-
								Top side	0	26765	821.5	23.5	22.71	119.95%	0.396	0.475	-
								Bottom side	0	26765	821.5	23.5	22.71	119.95%	0.002	0.003	-
				75 RB	18	Right side	0	26765	821.5	23.5	22.71	119.95%	0.317	0.380	-		
						Left side	0	26765	821.5	23.5	22.71	119.95%	0.297	0.356	-		
						Front side	0	26765	821.5	23.5	22.70	120.23%	0.541	0.650	-		
						Back side	0	26765	821.5	23.5	22.70	120.23%	0.434	0.522	-		
						Top side	0	26765	821.5	23.5	22.70	120.23%	0.355	0.427	-		
						Bottom side	0	26765	821.5	23.5	22.70	120.23%	0.002	0.002	-		
					18	Right side	0	26765	821.5	23.5	22.70	120.23%	0.300	0.361	-		
						Left side	0	26765	821.5	23.5	22.70	120.23%	0.277	0.333	-		
						Front side	0	20450	829	24.5	22.99	141.58%	0.589	0.834	-		

### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 71	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	133222	673	24.5	23.71	119.95%	0.309	0.371	-		
						Front side	0	133297	680.5	24.5	23.70	120.23%	0.312	0.375	-		
						Front side	0	133372	688	24.5	23.75	118.85%	0.411	0.488	147		
						Back side	0	133372	688	24.5	23.75	118.85%	0.325	0.386	-		
						Top side	0	133372	688	24.5	23.75	118.85%	0.277	0.329	-		
						Bottom side	0	133372	688	24.5	23.75	118.85%	0.005	0.005	-		
						50 RB	0	Right side	0	133372	688	24.5	23.75	118.85%	0.253	0.301	-
								Left side	0	133372	688	24.5	23.75	118.85%	0.212	0.252	-
								Front side	0	133222	673	23.5	22.81	117.22%	0.324	0.380	-
								Back side	0	133222	673	23.5	22.81	117.22%	0.248	0.291	-
								Top side	0	133222	673	23.5	22.81	117.22%	0.229	0.268	-
								Bottom side	0	133222	673	23.5	22.81	117.22%	0.003	0.004	-
				100 RB	0	Right side	0	133222	673	23.5	22.81	117.22%	0.201	0.236	-		
						Left side	0	133222	673	23.5	22.81	117.22%	0.169	0.198	-		
						Front side	0	133222	673	23.5	22.79	117.76%	0.311	0.366	-		
						Back side	0	133222	673	23.5	22.79	117.76%	0.223	0.263	-		
						Top side	0	133222	673	23.5	22.79	117.76%	0.207	0.244	-		
						Bottom side	0	133222	673	23.5	22.79	117.76%	0.002	0.003	-		
					100 RB	0	Right side	0	133222	673	23.5	22.79	117.76%	0.199	0.234	-	
							Left side	0	133222	673	23.5	22.79	117.76%	0.152	0.179	-	

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**WWAN only**  
**Product specific 10-g SAR\_Lower antenna**  
**GPRS850**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Product specific 10g SAR)	Front side	0	128	824.2	34.0	32.13	153.82%	1.750	2.692	-
	Front side	0	190	836.5	34.0	32.20	151.36%	1.920	2.906	-
	Front side	0	251	848.8	34.0	32.19	151.71%	2.090	3.171	148
	Front side*	0	251	848.8	34.0	32.19	151.71%	1.970	2.989	-
	Back side	0	128	824.2	34.0	32.13	153.82%	1.510	2.323	-
	Back side	0	190	836.5	34.0	32.20	151.36%	1.380	2.089	-
	Back side	0	251	848.8	34.0	32.19	151.71%	1.270	1.927	-
	Top side	0	190	836.5	34.0	32.20	151.36%	0.001	0.001	-
	Bottom side	0	190	836.5	34.0	32.20	151.36%	1.100	1.665	-
	Right side	0	190	836.5	34.0	32.20	151.36%	0.926	1.402	-
Left side	0	190	836.5	34.0	32.20	151.36%	0.273	0.413	-	

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

**GPRS1900**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
GPRS 1900 <1Dn2Up> (Product specific 10g SAR)	Front side	0	661	1880	31.0	30.39	115.08%	0.792	0.911	-
	Back side	0	661	1880	31.0	30.39	115.08%	0.883	1.016	-
	Top side	0	661	1880	31.0	30.39	115.08%	0.003	0.003	-
	Bottom side	0	512	1850.2	31.0	29.98	126.47%	1.550	1.960	-
	Bottom side	0	661	1880	31.0	30.39	115.08%	1.660	1.910	-
	Bottom side	0	810	1909.8	31.0	30.10	123.03%	2.510	3.088	149
	Bottom side*	0	810	1909.8	31.0	30.10	123.03%	2.430	2.990	-
	Right side	0	661	1880	31.0	30.39	115.08%	0.323	0.372	-
	Left side	0	661	1880	31.0	30.39	115.08%	0.513	0.590	-

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

**WCDMA Band II**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Front side	0	9400	1880	24.5	23.11	137.72%	0.891	1.227	-
	Back side	0	9400	1880	24.5	23.11	137.72%	0.958	1.319	-
	Top side	0	9400	1880	24.5	23.11	137.72%	0.006	0.008	-
	Bottom side	0	9262	1852.4	24.5	23.09	138.36%	1.470	2.034	-
	Bottom side	0	9400	1880	24.5	23.11	137.72%	1.530	2.107	-
	Bottom side	0	9538	1907.6	24.5	23.04	139.96%	1.580	2.211	150
	Bottom side*	0	9538	1907.6	24.5	23.04	139.96%	1.540	2.155	-
	Right side	0	9400	1880	24.5	23.11	137.72%	0.395	0.544	-
	Left side	0	9400	1880	24.5	23.11	137.72%	0.512	0.705	-

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

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### WCDMA Band IV

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Front side	0	1513	1752.6	23.5	22.97	112.98%	0.933	1.054	-
	Back side	0	1513	1752.6	23.5	22.97	112.98%	1.080	1.220	-
	Top side	0	1513	1752.6	23.5	22.97	112.98%	0.005	0.006	-
	Bottom side	0	1312	1712.4	23.5	22.96	113.24%	2.910	3.295	-
	Bottom side	0	1412	1732.4	23.5	22.93	114.02%	3.020	3.444	151
	Bottom side*	0	1412	1732.4	23.5	22.93	114.02%	2.970	3.387	-
	Bottom side	0	1513	1752.6	23.5	22.97	112.98%	2.720	3.073	-
	Right side	0	1513	1752.6	23.5	22.97	112.98%	0.434	0.490	-
Left side	0	1513	1752.6	23.5	22.97	112.98%	0.621	0.702	-	

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

### WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	0	4132	826.4	24.5	23.18	135.52%	1.080	1.464	-
	Front side	0	4183	836.6	24.5	23.13	137.09%	1.110	1.522	-
	Front side	0	4233	846.6	24.5	23.09	138.36%	1.160	1.605	152
	Back side	0	4132	826.4	24.5	23.18	135.52%	0.884	1.198	-
	Top side	0	4132	826.4	24.5	23.18	135.52%	0.004	0.006	-
	Bottom side	0	4132	826.4	24.5	23.18	135.52%	0.911	1.235	-
	Right side	0	4132	826.4	24.5	23.18	135.52%	0.419	0.568	-
	Left side	0	4132	826.4	24.5	23.18	135.52%	0.481	0.652	-

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### LTE FDD Band 7

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page				
													Measured	Reported					
LTE Band 7	Product specific 10g SAR	20MHz	QPSK	1 RB	99	Front side	0	21350	2560	23.5	22.71	119.95%	0.810	0.972	-				
						Back side	0	21350	2560	23.5	22.71	119.95%	0.540	0.648	-				
						Top side	0	21350	2560	23.5	22.71	119.95%	0.004	0.005	-				
						Bottom side	0	20850	2510	23.5	22.70	120.23%	1.210	1.455	-				
						Bottom side	0	21100	2535	23.5	22.60	123.03%	1.030	1.267	-				
						Bottom side	0	21350	2560	23.5	22.71	119.95%	1.600	1.919	153				
						Right side	0	21350	2560	23.5	22.71	119.95%	0.248	0.297	-				
						Left side	0	21350	2560	23.5	22.71	119.95%	0.172	0.206	-				
						Front side	0	21350	2560	22.5	21.71	119.95%	0.619	0.742	-				
				Back side	0	21350	2560	22.5	21.71	119.95%	0.335	0.402	-						
				Top side	0	21350	2560	22.5	21.71	119.95%	0.002	0.002	-						
				Bottom side	0	21350	2560	22.5	21.71	119.95%	1.280	1.535	-						
				Right side	0	21350	2560	22.5	21.71	119.95%	0.273	0.327	-						
				Left side	0	21350	2560	22.5	21.71	119.95%	0.182	0.218	-						
				Front side	0	21100	2535	22.5	21.68	120.78%	0.593	0.716	-						
				Back side	0	21100	2535	22.5	21.68	120.78%	0.392	0.473	-						
				Top side	0	21100	2535	22.5	21.68	120.78%	0.003	0.003	-						
				Bottom side	0	21100	2535	22.5	21.68	120.78%	1.170	1.413	-						
				Right side	0	21100	2535	22.5	21.68	120.78%	0.231	0.279	-						
				Left side	0	21100	2535	22.5	21.68	120.78%	0.165	0.199	-						
				Bottom side	0	21350	2560	23.5	22.66	121.34%	1.550	1.881	-						
				CA_7C		20MHz	QPSK	1 RB	99	Bottom side	0	21350	2560	23.5	22.66	121.34%	1.550	1.881	-

### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23060	704	24.5	22.82	147.23%	0.702	1.034	154
						Front side	0	23095	707.5	24.5	22.79	148.25%	0.518	0.768	-
						Front side	0	23130	711	24.5	22.92	143.88%	0.617	0.888	-
						Back side	0	23130	711	24.5	22.92	143.88%	0.575	0.827	-
						Top side	0	23130	711	24.5	22.92	143.88%	0.043	0.062	-
						Bottom side	0	23130	711	24.5	22.92	143.88%	0.516	0.742	-
						Right side	0	23130	711	24.5	22.92	143.88%	0.177	0.255	-
						Left side	0	23130	711	24.5	22.92	143.88%	0.057	0.082	-
						Front side	0	23095	707.5	23.5	21.96	142.56%	0.598	0.853	-
				Back side	0	23095	707.5	23.5	21.96	142.56%	0.521	0.743	-		
				Top side	0	23095	707.5	23.5	21.96	142.56%	0.032	0.045	-		
				Bottom side	0	23095	707.5	23.5	21.96	142.56%	0.436	0.622	-		
				Right side	0	23095	707.5	23.5	21.96	142.56%	0.099	0.141	-		
				Left side	0	23095	707.5	23.5	21.96	142.56%	0.047	0.067	-		
				Front side	0	23060	704	23.5	21.97	142.23%	0.571	0.812	-		
				Back side	0	23060	704	23.5	21.97	142.23%	0.431	0.613	-		
				Top side	0	23060	704	23.5	21.97	142.23%	0.029	0.041	-		
				Bottom side	0	23060	704	23.5	21.97	142.23%	0.487	0.693	-		
				Right side	0	23060	704	23.5	21.97	142.23%	0.087	0.124	-		
				Left side	0	23060	704	23.5	21.97	142.23%	0.039	0.055	-		

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### LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23230	782	24.5	23.10	138.04%	0.845	1.166	155
						Back side	0	23230	782	24.5	23.05	139.64%	0.819	1.144	-
						Front side	0	23230	782	24.5	23.40	128.82%	0.879	1.132	-
						Back side	0	23230	782	24.5	23.40	128.82%	0.712	0.917	-
						Top side	0	23230	782	24.5	23.40	128.82%	0.003	0.004	-
						Bottom side	0	23230	782	24.5	23.40	128.82%	0.752	0.969	-
					49	Right side	0	23230	782	24.5	23.40	128.82%	0.418	0.538	-
						Left side	0	23230	782	24.5	23.40	128.82%	0.347	0.447	-
						Front side	0	23230	782	23.5	22.27	132.74%	0.674	0.895	-
						Back side	0	23230	782	23.5	22.27	132.74%	0.541	0.718	-
						Top side	0	23230	782	23.5	22.27	132.74%	0.004	0.006	-
						Bottom side	0	23230	782	23.5	22.27	132.74%	0.571	0.758	-
				25 RB	12	Right side	0	23230	782	23.5	22.27	132.74%	0.325	0.431	-
						Left side	0	23230	782	23.5	22.27	132.74%	0.265	0.352	-
						Front side	0	23230	782	23.5	22.16	136.14%	0.651	0.886	-
						Back side	0	23230	782	23.5	22.16	136.14%	0.528	0.719	-
						Top side	0	23230	782	23.5	22.16	136.14%	0.006	0.008	-
						Bottom side	0	23230	782	23.5	22.16	136.14%	0.554	0.754	-
					50 RB	Right side	0	23230	782	23.5	22.16	136.14%	0.319	0.434	-
						Left side	0	23230	782	23.5	22.16	136.14%	0.247	0.336	-

### LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 25	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	26140	1860	24.5	23.58	123.59%	0.811	1.002	-		
						Back side	0	26140	1860	24.5	23.58	123.59%	0.891	1.101	-		
						Top side	0	26140	1860	24.5	23.58	123.59%	0.004	0.005	-		
						Bottom side	0	26140	1860	24.5	23.58	123.59%	1.720	2.126	-		
						Bottom side	0	26365	1882.5	24.5	23.48	126.47%	1.820	2.302	-		
						Bottom side	0	26590	1905	24.5	23.38	129.42%	2.050	2.653	156		
						Bottom side*	0	26590	1905	24.5	23.38	129.42%	2.030	2.627	-		
						Right side	0	26140	1860	24.5	23.58	123.59%	0.344	0.425	-		
						Left side	0	26140	1860	24.5	23.58	123.59%	0.522	0.645	-		
						50 RB	0	Front side	0	26140	1860	23.5	22.70	120.23%	0.658	0.791	-
								Back side	0	26140	1860	23.5	22.70	120.23%	0.731	0.879	-
								Top side	0	26140	1860	23.5	22.70	120.23%	0.003	0.004	-
				Bottom side	0			26140	1860	23.5	22.70	120.23%	1.400	1.683	-		
				Right side	0			26140	1860	23.5	22.70	120.23%	0.337	0.405	-		
				Left side	0			26140	1860	23.5	22.70	120.23%	0.418	0.503	-		
				100 RB	Front side		0	26365	1882.5	23.5	22.61	122.74%	0.642	0.788	-		
					Back side		0	26365	1882.5	23.5	22.61	122.74%	0.721	0.885	-		
					Top side		0	26365	1882.5	23.5	22.61	122.74%	0.002	0.002	-		
					Bottom side		0	26365	1882.5	23.5	22.61	122.74%	1.350	1.657	-		
					Right side		0	26365	1882.5	23.5	22.61	122.74%	0.327	0.401	-		
					Left side		0	26365	1882.5	23.5	22.61	122.74%	0.403	0.495	-		

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page				
													Measured	Reported					
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	24.5	23.70	120.23%	1.220	1.467	157				
						Front side	0	26865	831.5	24.5	23.53	125.03%	1.097	1.372	-				
						Front side	0	26965	841.5	24.5	23.46	127.06%	0.981	1.246	-				
						Back side	0	26765	821.5	24.5	23.70	120.23%	1.012	1.217	-				
						Top side	0	26765	821.5	24.5	23.70	120.23%	0.002	0.003	-				
						Bottom side	0	26765	821.5	24.5	23.70	120.23%	0.879	1.057	-				
						Right side	0	26765	821.5	24.5	23.70	120.23%	0.319	0.384	-				
						Left side	0	26765	821.5	24.5	23.70	120.23%	0.431	0.518	-				
						36 RB	18	Front side	0	26765	821.5	23.5	22.71	119.95%	0.962	1.154	-		
								Back side	0	26765	821.5	23.5	22.71	119.95%	0.825	0.990	-		
								Top side	0	26765	821.5	23.5	22.71	119.95%	0.002	0.002	-		
								Bottom side	0	26765	821.5	23.5	22.71	119.95%	0.711	0.853	-		
				Right side	0			26765	821.5	23.5	22.71	119.95%	0.299	0.359	-				
				Left side	0			26765	821.5	23.5	22.71	119.95%	0.334	0.401	-				
				75 RB	Front side		0	26765	821.5	23.5	22.70	120.23%	0.915	1.100	-				
					Back side		0	26765	821.5	23.5	22.70	120.23%	0.817	0.982	-				
					Top side		0	26765	821.5	23.5	22.70	120.23%	0.001	0.002	-				
					Bottom side		0	26765	821.5	23.5	22.70	120.23%	0.681	0.819	-				
					Right side		0	26765	821.5	23.5	22.70	120.23%	0.265	0.319	-				
					Left side		0	26765	821.5	23.5	22.70	120.23%	0.325	0.391	-				
				CA_5B		10MHz	QPSK	1 RB	0	Front side	0	20450	829	24.5	22.99	141.58%	1.020	1.444	-

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### LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page	
													Measured	Reported		
LTE Band 30	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Bottom side	0	27710	2310	23.5	23.12	109.14%	3.100	3.383	-	
						Bottom side	0	27710	2310	23.5	23.13	108.89%	2.890	3.147	-	
						Front side	0	27710	2310	23.5	23.21	106.91%	1.130	1.208	-	
						Back side	0	27710	2310	23.5	23.21	106.91%	1.210	1.294	-	
						Top side	0	27710	2310	23.5	23.21	106.91%	0.007	0.007	-	
						Bottom side	0	27710	2310	23.5	23.21	106.91%	3.170	3.389	158	
					49	Bottom side*	0	27710	2310	23.5	23.21	106.91%	3.050	3.261	-	
						Right side	0	27710	2310	23.5	23.21	106.91%	0.488	0.522	-	
						Left side	0	27710	2310	23.5	23.21	106.91%	0.683	0.730	-	
						0	Bottom side	0	27710	2310	22.5	22.27	105.44%	2.290	2.415	-
						12	Bottom side	0	27710	2310	22.5	22.29	104.95%	2.120	2.225	-
						Front side	0	27710	2310	22.5	22.34	103.75%	0.892	0.925	-	
				25 RB	Back side	0	27710	2310	22.5	22.34	103.75%	0.992	1.029	-		
					Top side	0	27710	2310	22.5	22.34	103.75%	0.004	0.004	-		
					Bottom side	0	27710	2310	22.5	22.34	103.75%	2.410	2.500	-		
					Right side	0	27710	2310	22.5	22.34	103.75%	0.413	0.428	-		
					Left side	0	27710	2310	22.5	22.34	103.75%	0.593	0.615	-		
					Front side	0	27710	2310	22.5	22.31	104.47%	0.854	0.892	-		
				50 RB	Back side	0	27710	2310	22.5	22.31	104.47%	0.962	1.005	-		
					Top side	0	27710	2310	22.5	22.31	104.47%	0.003	0.003	-		
					Bottom side	0	27710	2310	22.5	22.31	104.47%	2.110	2.204	-		
					Right side	0	27710	2310	22.5	22.31	104.47%	0.382	0.399	-		
					Left side	0	27710	2310	22.5	22.31	104.47%	0.554	0.579	-		

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

### LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page				
													Measured	Reported					
LTE Band 41	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	41490	2680	24.5	23.72	119.67%	0.881	1.054	-				
						Back side	0	41490	2680	24.5	23.72	119.67%	0.758	0.907	-				
						Top side	0	41490	2680	24.5	23.72	119.67%	0.005	0.005	-				
						Bottom side	0	39750	2506	24.5	23.66	121.34%	0.854	1.036	-				
						Bottom side	0	40185	2549.5	24.5	23.56	124.17%	0.785	0.975	-				
						Bottom side	0	40620	2593	24.5	23.65	121.62%	0.740	0.900	-				
						Bottom side	0	41055	2636.5	24.5	23.69	120.50%	0.820	0.988	-				
						Bottom side	0	41490	2680	24.5	23.72	119.67%	1.230	1.472	159				
						Right side	0	41490	2680	24.5	23.72	119.67%	0.428	0.512	-				
						Left side	0	41490	2680	24.5	23.72	119.67%	0.514	0.615	-				
						50 RB	Front side	0	41490	2680	23.5	22.69	120.50%	0.677	0.816	-			
							Back side	0	41490	2680	23.5	22.69	120.50%	0.611	0.736	-			
				Top side	0		41490	2680	23.5	22.69	120.50%	0.002	0.003	-					
				Bottom side	0		41490	2680	23.5	22.69	120.50%	0.918	1.106	-					
				Right side	0		41490	2680	23.5	22.69	120.50%	0.332	0.400	-					
				Left side	0		41490	2680	23.5	22.69	120.50%	0.391	0.471	-					
				100 RB	Front side	0	39750	2506	23.5	22.73	119.40%	0.665	0.794	-					
					Back side	0	39750	2506	23.5	22.73	119.40%	0.602	0.719	-					
					Top side	0	39750	2506	23.5	22.73	119.40%	0.002	0.002	-					
					Bottom side	0	39750	2506	23.5	22.73	119.40%	0.891	1.064	-					
					Right side	0	39750	2506	23.5	22.73	119.40%	0.325	0.388	-					
					Left side	0	39750	2506	23.5	22.73	119.40%	0.385	0.460	-					
				CA_38C		20MHz	QPSK	1 RB	0	Bottom side	0	37850	2580	24.5	23.67	121.06%	1.120	1.356	-
				CA_41C		20MHz	QPSK	1 RB	0	Bottom side	0	41490	2680	24.5	23.70	120.23%	1.190	1.431	-

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### LTE TDD Band 48

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 48	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	56640	3690	24.5	23.99	112.46%	0.668	0.751	-
						Back side	0	55340	3660	24.5	23.83	116.68%	0.551	0.643	-
						Back side	0	55773	3603.3	24.5	23.82	116.95%	0.795	0.930	161
						Back side	0	56207	3646.7	24.5	23.98	112.72%	0.678	0.764	-
						Back side	0	56640	3690	24.5	23.99	112.46%	0.655	0.737	-
						Top side	0	56640	3690	24.5	23.99	112.46%	0.002	0.003	-
						Bottom side	0	56640	3690	24.5	23.99	112.46%	0.421	0.473	-
						Right side	0	56640	3690	24.5	23.99	112.46%	0.400	0.450	-
						Left side	0	56640	3690	24.5	23.99	112.46%	0.399	0.449	-
						Front side	0	56640	3690	23.5	22.96	113.24%	0.599	0.678	-
						Back side	0	56640	3690	23.5	22.96	113.24%	0.720	0.815	-
						Top side	0	56640	3690	23.5	22.96	113.24%	0.002	0.002	-
				Bottom side	0	56640	3690	23.5	22.96	113.24%	0.440	0.498	-		
				Right side	0	56640	3690	23.5	22.96	113.24%	0.356	0.403	-		
				Left side	0	56640	3690	23.5	22.96	113.24%	0.381	0.431	-		
				Front side	0	56640	3690	23.5	22.99	112.46%	0.508	0.571	-		
				Back side	0	56640	3690	23.5	22.99	112.46%	0.679	0.764	-		
				Top side	0	56640	3690	23.5	22.99	112.46%	0.001	0.001	-		
				Bottom side	0	56640	3690	23.5	22.99	112.46%	0.389	0.437	-		
				Right side	0	56640	3690	23.5	22.99	112.46%	0.333	0.374	-		
				Left side	0	56640	3690	23.5	22.99	112.46%	0.322	0.362	-		

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### LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	132322	1745	24.5	23.57	123.88%	0.851	1.054	-
						Back side	0	132322	1745	24.5	23.57	123.88%	0.943	1.168	-
						Top side	0	132322	1745	24.5	23.57	123.88%	0.003	0.004	-
						Bottom side	0	132072	1720	24.5	23.55	124.45%	2.190	2.725	-
						Bottom side	0	132322	1745	24.5	23.57	123.88%	2.100	2.601	-
						Bottom side	0	132572	1770	24.5	23.45	127.35%	2.390	3.044	162
						Bottom side*	0	132572	1770	24.5	23.45	127.35%	2.300	2.967	-
						Right side	0	132322	1745	24.5	23.57	123.88%	0.328	0.406	-
						Left side	0	132322	1745	24.5	23.57	123.88%	0.472	0.585	-
				50 RB	25	Front side	0	132572	1770	23.5	22.57	123.88%	0.679	0.841	-
						Back side	0	132572	1770	23.5	22.57	123.88%	0.754	0.934	-
						Top side	0	132572	1770	23.5	22.57	123.88%	0.002	0.002	-
						Bottom side	0	132072	1720	23.5	22.47	126.77%	1.710	2.168	-
						Bottom side	0	132322	1745	23.5	22.49	126.18%	1.590	2.006	-
						Bottom side	0	132572	1770	23.5	22.57	123.88%	1.920	2.378	-
						Right side	0	132572	1770	23.5	22.57	123.88%	0.256	0.317	-
						Left side	0	132572	1770	23.5	22.57	123.88%	0.387	0.479	-
						100 RB		Front side	0	132072	1720	23.5	22.44	127.64%	0.651
				Back side	0			132072	1720	23.5	22.44	127.64%	0.723	0.923	-
				Top side	0			132072	1720	23.5	22.44	127.64%	0.002	0.003	-
				Bottom side	0			132072	1720	23.5	22.44	127.64%	1.720	2.195	-
				Bottom side	0			132322	1745	23.5	22.41	128.53%	1.620	2.082	-
				Bottom side	0			132572	1770	23.5	22.42	128.23%	1.910	2.449	-
				Right side	0			132072	1720	23.5	22.44	127.64%	0.242	0.309	-
				Left side	0			132072	1720	23.5	22.44	127.64%	0.371	0.474	-

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

### LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 71	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	133222	673	24.5	23.71	119.95%	0.543	0.651	163		
						Front side	0	133297	680.5	24.5	23.70	120.23%	0.398	0.479	-		
						Front side	0	133372	688	24.5	23.75	118.85%	0.421	0.500	-		
						Back side	0	133372	688	24.5	23.75	118.85%	0.258	0.307	-		
						Top side	0	133372	688	24.5	23.75	118.85%	0.001	0.001	-		
						Bottom side	0	133372	688	24.5	23.75	118.85%	0.342	0.406	-		
						Right side	0	133372	688	24.5	23.75	118.85%	0.248	0.295	-		
						Left side	0	133372	688	24.5	23.75	118.85%	0.128	0.152	-		
						50 RB	0	Front side	0	133222	673	23.5	22.81	117.22%	0.422	0.495	-
				Back side	0			133222	673	23.5	22.81	117.22%	0.211	0.247	-		
				Top side	0			133222	673	23.5	22.81	117.22%	0.002	0.002	-		
				Bottom side	0			133222	673	23.5	22.81	117.22%	0.285	0.334	-		
				Right side	0			133222	673	23.5	22.81	117.22%	0.199	0.233	-		
				Left side	0			133222	673	23.5	22.81	117.22%	0.148	0.173	-		
				100 RB				Front side	0	133222	673	23.5	22.79	117.76%	0.403	0.475	-
								Back side	0	133222	673	23.5	22.79	117.76%	0.228	0.268	-
								Top side	0	133222	673	23.5	22.79	117.76%	0.001	0.001	-
						Bottom side	0	133222	673	23.5	22.79	117.76%	0.325	0.383	-		
						Right side	0	133222	673	23.5	22.79	117.76%	0.233	0.274	-		
						Left side	0	133222	673	23.5	22.79	117.76%	0.166	0.195	-		

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**5G NR**  
**WWAN only**  
**Product specific 10-g SAR\_Upper antenna**  
**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n41	Product specific 10g SAR	100MHz	DTF-s QPSK OFDM	1 RB	1	Back side	0	513900	2569.5	25.5	25.04	111.17%	1.660	1.845	164
					137	Front side	0	509202	2546.01	25.5	25.09	109.90%	0.714	0.785	-
						Back side	0	509202	2546.01	25.5	25.09	109.90%	1.512	1.662	-
						Back side	0	518598	2592.99	25.5	24.21	134.59%	0.989	1.331	-
						Back side	0	523299	2616.495	25.5	24.40	128.82%	1.119	1.442	-
						Back side	0	528000	2640	25.5	24.52	125.31%	1.213	1.520	-
						Top side	0	509202	2546.01	25.5	25.09	109.90%	0.062	0.068	-
						Bottom side	0	509202	2546.01	25.5	25.09	109.90%	0.003	0.003	-
						Right side	0	509202	2546.01	25.5	25.09	109.90%	0.112	0.123	-
						Left side	0	509202	2546.01	25.5	25.09	109.90%	0.224	0.246	-
						Front side	0	509202	2546.01	25.5	24.99	112.46%	0.572	0.643	-
						Back side	0	509202	2546.01	25.5	24.99	112.46%	1.360	1.529	-
						Top side	0	509202	2546.01	25.5	24.99	112.46%	0.052	0.059	-
				Bottom side	0	509202	2546.01	25.5	24.99	112.46%	0.002	0.002	-		
				Right side	0	509202	2546.01	25.5	24.99	112.46%	0.093	0.105	-		
				Left side	0	509202	2546.01	25.5	24.99	112.46%	0.201	0.226	-		
				135 RB	69	Front side	0	509202	2546.01	24.5	23.94	113.76%	0.381	0.433	-
						Back side	0	509202	2546.01	24.5	23.94	113.76%	1.030	1.172	-
						Top side	0	509202	2546.01	24.5	23.94	113.76%	0.031	0.035	-
						Bottom side	0	509202	2546.01	24.5	23.94	113.76%	0.001	0.001	-
						Right side	0	509202	2546.01	24.5	23.94	113.76%	0.082	0.093	-
						Left side	0	509202	2546.01	24.5	23.94	113.76%	0.115	0.131	-
				270 RB	0	Back side	0	509202	2546.01	24.5	23.94	113.76%	1.030	1.172	-
						Top side	0	509202	2546.01	24.5	23.94	113.76%	0.031	0.035	-
						Bottom side	0	509202	2546.01	24.5	23.94	113.76%	0.001	0.001	-
						Right side	0	509202	2546.01	24.5	23.94	113.76%	0.082	0.093	-
						Left side	0	509202	2546.01	24.5	23.94	113.76%	0.115	0.131	-

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**Product specific 10-g SAR\_Lower antenna**

**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n41	Product specific 10g SAR	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	0	513900	2569.5	23	22.96	100.93%	3.380	3.411	-
						Front side	0	509202	2546.01	23	22.98	100.46%	0.683	0.686	-
						Back side	0	509202	2546.01	23	22.98	100.46%	3.510	3.526	165
						Back side*	0	509202	2546.01	23	22.98	100.46%	3.480	3.496	-
						Back side**	0	509202	2546.01	23	22.98	100.46%	3.360	3.376	-
						Back side	0	518598	2592.99	23	22.86	103.28%	3.230	3.336	-
						Back side	0	523299	2616.495	23	22.72	106.66%	3.190	3.402	-
						Back side	0	528000	2640	23	22.84	103.75%	3.050	3.164	-
						Top side	0	509202	2546.01	23	22.98	100.46%	0.002	0.002	-
						Bottom side	0	509202	2546.01	23	22.98	100.46%	0.945	0.949	-
						Right side	0	509202	2546.01	23	22.98	100.46%	0.622	0.625	-
						Left side	0	509202	2546.01	23	22.98	100.46%	0.754	0.757	-
				Front side	0	509202	2546.01	23	22.91	102.09%	0.522	0.533	-		
				Back side	0	509202	2546.01	23	22.91	102.09%	3.360	3.430	-		
				Back side	0	513900	2569.5	23	22.88	102.80%	3.160	3.249	-		
				Back side	0	518598	2592.99	23	22.86	103.28%	3.200	3.305	-		
				Back side	0	523299	2616.495	23	22.77	105.44%	3.030	3.195	-		
				Back side	0	528000	2640	23	22.88	102.80%	3.110	3.197	-		
				Top side	0	509202	2546.01	23	22.91	102.09%	0.001	0.001	-		
				Bottom side	0	509202	2546.01	23	22.91	102.09%	0.933	0.953	-		
				Right side	0	509202	2546.01	23	22.91	102.09%	0.431	0.440	-		
				Left side	0	509202	2546.01	23	22.91	102.09%	0.612	0.625	-		
				Front side	0	509202	2546.01	22	21.86	103.28%	0.483	0.499	-		
				Back side	0	509202	2546.01	22	21.86	103.28%	2.680	2.768	-		
				Back side	0	513900	2569.5	22	21.81	104.47%	2.520	2.633	-		
				Back side	0	518598	2592.99	22	21.78	105.20%	2.430	2.556	-		
				Back side	0	523299	2616.495	22	21.83	103.99%	2.440	2.537	-		
				Back side	0	528000	2640	22	21.84	103.75%	2.510	2.604	-		
				Top side	0	509202	2546.01	22	21.86	103.28%	0.001	0.001	-		
				Bottom side	0	509202	2546.01	22	21.86	103.28%	0.759	0.784	-		
				Right side	0	509202	2546.01	22	21.86	103.28%	0.352	0.364	-		
				Left side	0	509202	2546.01	22	21.86	103.28%	0.582	0.601	-		
				Back side	0	513900	2569.5	22	21.81	104.47%	2.520	2.633	-		
				Back side	0	518598	2592.99	22	21.78	105.20%	2.430	2.556	-		
				Back side	0	523299	2616.495	22	21.83	103.99%	2.440	2.537	-		
				Back side	0	528000	2640	22	21.84	103.75%	2.510	2.604	-		
Top side	0	509202	2546.01	22	21.86	103.28%	0.001	0.001	-						
Bottom side	0	509202	2546.01	22	21.86	103.28%	0.759	0.784	-						
Right side	0	509202	2546.01	22	21.86	103.28%	0.352	0.364	-						
Left side	0	509202	2546.01	22	21.86	103.28%	0.582	0.601	-						

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

\*\* - Spot check for fan

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## Inter-band

### Body-worn\_Upper antenna without WLAN

#### LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23060	704	21.5	21.30	104.71%	0.087	0.091	166
						Front side	15	23095	707.5	21.5	21.38	102.80%	0.083	0.086	-
						Front side	15	23130	711	21.5	21.46	100.93%	0.075	0.075	-
						Back side	15	23130	711	21.5	21.46	100.93%	0.070	0.071	-
				25 RB	25	Front side	15	23095	707.5	20.5	20.44	101.39%	0.083	0.084	-
						Back side	15	23095	707.5	20.5	20.44	101.39%	0.065	0.066	-
						Front side	15	23060	704	20.5	20.41	102.09%	0.081	0.083	-
						Back side	15	23060	704	20.5	20.41	102.09%	0.061	0.062	-

#### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	21.5	21.46	100.93%	0.161	0.162	167
						Front side	15	26865	831.5	21.5	21.39	102.57%	0.152	0.156	-
						Front side	15	26965	841.5	21.5	21.33	103.99%	0.144	0.150	-
						Back side	15	26765	821.5	21.5	21.46	100.93%	0.122	0.123	-
						Front side	15	26765	821.5	20.5	20.48	100.46%	0.102	0.102	-
				36 RB	18	Back side	15	26765	821.5	20.5	20.48	100.46%	0.098	0.099	-
						Front side	15	26765	821.5	20.5	20.36	103.28%	0.098	0.101	-
				75 RB		Back side	15	26765	821.5	20.5	20.36	103.28%	0.063	0.065	-

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**Inter-band**

**Body-worn\_Lower antenna without WLAN**

**LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23130	711	21.5	21.46	100.93%	0.054	0.055	-
						Back side	15	23060	704	21.5	21.30	104.71%	0.152	0.159	168
						Back side	15	23095	707.5	21.5	21.38	102.80%	0.113	0.116	-
						Back side	15	23130	711	21.5	21.46	100.93%	0.135	0.136	-
				25 RB	25	Front side	15	23095	707.5	20.5	20.44	101.39%	0.040	0.041	-
						Back side	15	23095	707.5	20.5	20.44	101.39%	0.122	0.124	-
						Front side	15	23060	704	20.5	20.41	102.09%	0.038	0.039	-
						Back side	15	23060	704	20.5	20.41	102.09%	0.116	0.118	-

**LTE FDD Band 25**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	26140	1860	21.5	21.41	102.09%	0.262	0.267	-
						Back side	15	26140	1860	21.5	21.41	102.09%	0.307	0.313	169
						Back side	15	26365	1882.5	21.5	21.34	103.75%	0.287	0.298	-
						Back side	15	26590	1905	21.5	21.37	103.04%	0.281	0.290	-
				50 RB	0	Front side	15	26140	1860	20.5	20.43	101.62%	0.210	0.213	-
						Back side	15	26140	1860	20.5	20.43	101.62%	0.247	0.251	-
						Front side	15	26365	1882.5	20.5	20.44	101.39%	0.192	0.195	-
						Back side	15	26365	1882.5	20.5	20.44	101.39%	0.241	0.244	-

**LTE FDD Band 26**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	21.5	21.46	100.93%	0.112	0.113	-
						Back side	15	26765	821.5	21.5	21.46	100.93%	0.184	0.186	170
						Back side	15	26865	831.5	21.5	21.39	102.57%	0.178	0.183	-
						Back side	15	26965	841.5	21.5	21.33	103.99%	0.162	0.168	-
				36 RB	18	Front side	15	26765	821.5	20.5	20.48	100.46%	0.087	0.088	-
						Back side	15	26765	821.5	20.5	20.48	100.46%	0.142	0.143	-
						Front side	15	26765	821.5	20.5	20.36	103.28%	0.079	0.082	-
						Back side	15	26765	821.5	20.5	20.36	103.28%	0.131	0.135	-

**LTE FDD Band 66**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	132322	1745	21.5	21.46	100.93%	0.121	0.122	-
						Back side	15	132072	1720	21.5	21.32	104.23%	0.112	0.117	-
						Back side	15	132322	1745	21.5	21.46	100.93%	0.136	0.137	171
						Back side	15	132572	1770	21.5	21.39	102.57%	0.125	0.128	-
				50 RB	25	Front side	15	132572	1770	20.5	20.47	100.69%	0.092	0.093	-
						Back side	15	132572	1770	20.5	20.47	100.69%	0.102	0.103	-
						Front side	15	132072	1720	20.5	20.36	103.28%	0.099	0.102	-
						Back side	15	132072	1720	20.5	20.36	103.28%	0.097	0.100	-

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**Inter-band  
Product specific 10-g SAR\_Upper antenna**

**LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23060	704	21.5	21.30	104.71%	0.352	0.369	172
						Front side	0	23095	707.5	21.5	21.38	102.80%	0.305	0.314	-
						Front side	0	23130	711	21.5	21.46	100.93%	0.320	0.323	-
						Back side	0	23130	711	21.5	21.46	100.93%	0.236	0.238	-
						Top side	0	23130	711	21.5	21.46	100.93%	0.193	0.195	-
						Bottom side	0	23130	711	21.5	21.46	100.93%	0.001	0.001	-
						Right side	0	23130	711	21.5	21.46	100.93%	0.148	0.149	-
						Left side	0	23130	711	21.5	21.46	100.93%	0.136	0.137	-
						Front side	0	23095	707.5	20.5	20.44	101.39%	0.237	0.240	-
						Back side	0	23095	707.5	20.5	20.44	101.39%	0.188	0.191	-
						Top side	0	23095	707.5	20.5	20.44	101.39%	0.148	0.150	-
						Bottom side	0	23095	707.5	20.5	20.44	101.39%	0.001	0.001	-
				Right side	0	23095	707.5	20.5	20.44	101.39%	0.121	0.123	-		
				Left side	0	23095	707.5	20.5	20.44	101.39%	0.106	0.107	-		
				Front side	0	23060	704	20.5	20.41	102.09%	0.223	0.228	-		
				Back side	0	23060	704	20.5	20.41	102.09%	0.174	0.178	-		
				Top side	0	23060	704	20.5	20.41	102.09%	0.132	0.135	-		
				Bottom side	0	23060	704	20.5	20.41	102.09%	0.001	0.001	-		
				Right side	0	23060	704	20.5	20.41	102.09%	0.117	0.119	-		
				Left side	0	23060	704	20.5	20.41	102.09%	0.099	0.101	-		

**LTE FDD Band 26**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	21.5	21.46	100.93%	0.419	0.423	173
						Front side	0	26865	831.5	21.5	21.39	102.57%	0.382	0.392	-
						Front side	0	26965	841.5	21.5	21.33	103.99%	0.399	0.415	-
						Back side	0	26765	821.5	21.5	21.46	100.93%	0.318	0.321	-
						Top side	0	26765	821.5	21.5	21.46	100.93%	0.283	0.286	-
						Bottom side	0	26765	821.5	21.5	21.46	100.93%	0.002	0.002	-
						Right side	0	26765	821.5	21.5	21.46	100.93%	0.239	0.241	-
						Left side	0	26765	821.5	21.5	21.46	100.93%	0.207	0.209	-
						Front side	0	26765	821.5	20.5	20.48	100.46%	0.317	0.318	-
						Back side	0	26765	821.5	20.5	20.48	100.46%	0.243	0.244	-
						Top side	0	26765	821.5	20.5	20.48	100.46%	0.241	0.242	-
						Bottom side	0	26765	821.5	20.5	20.48	100.46%	0.001	0.001	-
				Right side	0	26765	821.5	20.5	20.48	100.46%	0.183	0.184	-		
				Left side	0	26765	821.5	20.5	20.48	100.46%	0.163	0.164	-		
				Front side	0	26765	821.5	20.5	20.36	103.28%	0.302	0.312	-		
				Back side	0	26765	821.5	20.5	20.36	103.28%	0.211	0.218	-		
				Top side	0	26765	821.5	20.5	20.36	103.28%	0.225	0.232	-		
				Bottom side	0	26765	821.5	20.5	20.36	103.28%	0.001	0.001	-		
				Right side	0	26765	821.5	20.5	20.36	103.28%	0.176	0.182	-		
				Left side	0	26765	821.5	20.5	20.36	103.28%	0.153	0.158	-		

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**Inter-band  
Product specific 10-g SAR\_Lower antenna**

**LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23060	704	21.5	21.30	104.71%	0.503	0.527	174
						Front side	0	23095	707.5	21.5	21.38	102.80%	0.375	0.386	-
						Front side	0	23130	711	21.5	21.46	100.93%	0.475	0.479	-
						Back side	0	23130	711	21.5	21.46	100.93%	0.409	0.413	-
						Top side	0	23130	711	21.5	21.46	100.93%	0.030	0.030	-
						Bottom side	0	23130	711	21.5	21.46	100.93%	0.367	0.370	-
						Right side	0	23130	711	21.5	21.46	100.93%	0.118	0.119	-
						Left side	0	23130	711	21.5	21.46	100.93%	0.040	0.040	-
						Front side	0	23095	707.5	20.5	20.44	101.39%	0.418	0.424	-
						Back side	0	23095	707.5	20.5	20.44	101.39%	0.364	0.369	-
						Top side	0	23095	707.5	20.5	20.44	101.39%	0.022	0.022	-
						Bottom side	0	23095	707.5	20.5	20.44	101.39%	0.289	0.293	-
				Right side	0	23095	707.5	20.5	20.44	101.39%	0.068	0.069	-		
				Left side	0	23095	707.5	20.5	20.44	101.39%	0.030	0.031	-		
				Front side	0	23060	704	20.5	20.41	102.09%	0.402	0.410	-		
				Back side	0	23060	704	20.5	20.41	102.09%	0.295	0.301	-		
				Top side	0	23060	704	20.5	20.41	102.09%	0.021	0.021	-		
				Bottom side	0	23060	704	20.5	20.41	102.09%	0.283	0.289	-		
				Right side	0	23060	704	20.5	20.41	102.09%	0.061	0.062	-		
				Left side	0	23060	704	20.5	20.41	102.09%	0.025	0.026	-		

**LTE FDD Band 25**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	26140	1860	21.5	21.41	102.09%	0.483	0.493	-
						Back side	0	26140	1860	21.5	21.41	102.09%	0.512	0.523	-
						Top side	0	26140	1860	21.5	21.41	102.09%	0.003	0.003	-
						Bottom side	0	26140	1860	21.5	21.41	102.09%	0.958	0.978	-
						Bottom side	0	26365	1882.5	21.5	21.34	103.75%	0.996	1.033	-
						Bottom side	0	26590	1905	21.5	21.37	103.04%	1.230	1.267	175
						Right side	0	26140	1860	21.5	21.41	102.09%	0.203	0.207	-
						Left side	0	26140	1860	21.5	21.41	102.09%	0.312	0.319	-
						Front side	0	26140	1860	20.5	20.43	101.62%	0.372	0.378	-
						Back side	0	26140	1860	20.5	20.43	101.62%	0.430	0.437	-
						Top side	0	26140	1860	20.5	20.43	101.62%	0.002	0.002	-
						Bottom side	0	26140	1860	20.5	20.43	101.62%	0.826	0.839	-
				Right side	0	26140	1860	20.5	20.43	101.62%	0.193	0.196	-		
				Left side	0	26140	1860	20.5	20.43	101.62%	0.239	0.243	-		
				Front side	0	26365	1882.5	20.5	20.44	101.39%	0.352	0.357	-		
				Back side	0	26365	1882.5	20.5	20.44	101.39%	0.428	0.434	-		
				Top side	0	26365	1882.5	20.5	20.44	101.39%	0.001	0.001	-		
				Bottom side	0	26365	1882.5	20.5	20.44	101.39%	0.804	0.815	-		
				Right side	0	26365	1882.5	20.5	20.44	101.39%	0.192	0.195	-		
				Left side	0	26365	1882.5	20.5	20.44	101.39%	0.227	0.230	-		

**LTE FDD Band 26**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	21.5	21.46	100.93%	0.726	0.733	176
						Front side	0	26865	831.5	21.5	21.39	102.57%	0.674	0.691	-
						Front side	0	26965	841.5	21.5	21.33	103.99%	0.612	0.636	-
						Back side	0	26765	821.5	21.5	21.46	100.93%	0.586	0.591	-
						Top side	0	26765	821.5	21.5	21.46	100.93%	0.001	0.001	-
						Bottom side	0	26765	821.5	21.5	21.46	100.93%	0.515	0.520	-
						Right side	0	26765	821.5	21.5	21.46	100.93%	0.183	0.185	-
						Left side	0	26765	821.5	21.5	21.46	100.93%	0.245	0.247	-
						Front side	0	26765	821.5	20.5	20.48	100.46%	0.566	0.569	-
						Back side	0	26765	821.5	20.5	20.48	100.46%	0.483	0.485	-
						Top side	0	26765	821.5	20.5	20.48	100.46%	0.001	0.001	-
						Bottom side	0	26765	821.5	20.5	20.48	100.46%	0.428	0.430	-
				Right side	0	26765	821.5	20.5	20.48	100.46%	0.164	0.165	-		
				Left side	0	26765	821.5	20.5	20.48	100.46%	0.185	0.186	-		
				Front side	0	26765	821.5	20.5	20.36	103.28%	0.536	0.554	-		
				Back side	0	26765	821.5	20.5	20.36	103.28%	0.465	0.480	-		
				Top side	0	26765	821.5	20.5	20.36	103.28%	0.001	0.001	-		
				Bottom side	0	26765	821.5	20.5	20.36	103.28%	0.402	0.415	-		
				Right side	0	26765	821.5	20.5	20.36	103.28%	0.157	0.162	-		
				Left side	0	26765	821.5	20.5	20.36	103.28%	0.168	0.174	-		

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### LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	132322	1745	21.5	21.46	100.93%	0.522	0.527	-
						Back side	0	132322	1745	21.5	21.46	100.93%	0.564	0.569	-
						Top side	0	132322	1745	21.5	21.46	100.93%	0.002	0.002	-
						Bottom side	0	132072	1720	21.5	21.32	104.23%	1.263	1.316	-
						Bottom side	0	132322	1745	21.5	21.46	100.93%	1.350	1.362	-
						Bottom side	0	132572	1770	21.5	21.39	102.57%	1.420	1.456	177
						Right side	0	132322	1745	21.5	21.46	100.93%	0.195	0.197	-
						Left side	0	132322	1745	21.5	21.46	100.93%	0.286	0.289	-
						Front side	0	132572	1770	20.5	20.47	100.69%	0.419	0.422	-
						Back side	0	132572	1770	20.5	20.47	100.69%	0.442	0.445	-
						Top side	0	132572	1770	20.5	20.47	100.69%	0.001	0.001	-
						Bottom side	0	132572	1770	20.5	20.47	100.69%	1.120	1.128	-
				Right side	0	132572	1770	20.5	20.47	100.69%	0.151	0.152	-		
				Left side	0	132572	1770	20.5	20.47	100.69%	0.234	0.236	-		
				Front side	0	132072	1720	20.5	20.36	103.28%	0.406	0.419	-		
				Back side	0	132072	1720	20.5	20.36	103.28%	0.433	0.447	-		
				Top side	0	132072	1720	20.5	20.36	103.28%	0.001	0.001	-		
				Bottom side	0	132072	1720	20.5	20.36	103.28%	1.030	1.064	-		
				Right side	0	132072	1720	20.5	20.36	103.28%	0.135	0.139	-		
				Left side	0	132072	1720	20.5	20.36	103.28%	0.224	0.231	-		

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**ENDC without WLAN**  
**Body-wron\_Upper antenna**

**LTE FDD Band 26**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	24.5	23.70	120.23%	0.271	0.326	179
						Front side	15	26865	831.5	24.5	23.53	125.03%	0.255	0.319	-
						Front side	15	26965	841.5	24.5	23.46	127.06%	0.242	0.307	-
						Back side	15	26765	821.5	24.5	23.70	120.23%	0.215	0.258	-
				36 RB	18	Front side	15	26765	821.5	23.5	22.71	119.95%	0.169	0.203	-
						Back side	15	26765	821.5	23.5	22.71	119.95%	0.200	0.240	-
				75 RB		Front side	15	26765	821.5	23.5	22.70	120.23%	0.164	0.197	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-

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**ENDC without WLAN**  
**Body-wron\_Lower antenna**

**LTE FDD Band 2**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	18700	1860	21	20.90	102.33%	0.421	0.431	-
						Back side	15	18700	1860	21	20.90	102.33%	0.441	0.451	180
						Back side	15	18900	1880	21	20.79	104.95%	0.384	0.403	-
				50 RB	0	Back side	15	19100	1900	21	20.61	109.40%	0.362	0.396	-
						Front side	15	18700	1860	21	19.91	128.53%	0.309	0.397	-
						Back side	15	18700	1860	21	19.91	128.53%	0.328	0.422	-
				100 RB		Front side	15	18900	1880	21	19.85	130.32%	0.298	0.388	-
						Back side	15	18900	1880	21	19.85	130.32%	0.319	0.416	-

**LTE FDD Band 7**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 7	Body-worn	20MHz	QPSK	1 RB	99	Front side	15	21350	2560	23.5	22.71	119.95%	0.178	0.214	-
						Back side	15	20850	2510	23.5	22.70	120.23%	0.198	0.238	-
						Back side	15	21100	2535	23.5	22.60	123.03%	0.212	0.261	-
				50 RB	50	Back side	15	21350	2560	23.5	22.71	119.95%	0.240	0.288	181
						Front side	15	21350	2560	22.5	21.71	119.95%	0.133	0.160	-
						Back side	15	21350	2560	22.5	21.71	119.95%	0.180	0.216	-
				100 RB		Front side	15	21100	2535	22.5	21.68	120.78%	0.118	0.143	-
						Back side	15	21100	2535	22.5	21.68	120.78%	0.167	0.202	-

**LTE FDD Band 26**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	24.5	23.70	120.23%	0.189	0.227	-
						Back side	15	26765	821.5	24.5	23.70	120.23%	0.304	0.365	183
						Back side	15	26865	831.5	24.5	23.53	125.03%	0.283	0.354	-
				36 RB	18	Back side	15	26965	841.5	24.5	23.46	127.06%	0.254	0.323	-
						Front side	15	26765	821.5	23.5	22.71	119.95%	0.145	0.174	-
						Back side	15	26765	821.5	23.5	22.71	119.95%	0.243	0.291	-
				75 RB		Front side	15	26765	821.5	23.5	22.70	120.23%	0.132	0.159	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.223	0.268	-

**LTE TDD Band 41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	41490	2680	24.5	23.72	119.67%	0.123	0.147	-
						Back side	15	39750	2506	24.5	23.66	121.34%	0.170	0.206	-
						Back side	15	40185	2549.5	24.5	23.56	124.17%	0.164	0.204	-
						Back side	15	40620	2593	24.5	23.65	121.62%	0.169	0.206	-
						Back side	15	41055	2636.5	24.5	23.69	120.50%	0.172	0.207	-
						Back side	15	41490	2680	24.5	23.72	119.67%	0.174	0.208	184
				50 RB	0	Front side	15	41490	2680	23.5	22.69	120.50%	0.087	0.105	-
						Back side	15	41490	2680	23.5	22.69	120.50%	0.142	0.171	-
				100 RB		Front side	15	39750	2506	23.5	22.73	119.40%	0.081	0.097	-
						Back side	15	39750	2506	23.5	22.73	119.40%	0.131	0.156	-

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**5G NR\_ENDC without WLAN**  
**Body-worn\_Upper antenna**  
**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Body worn	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	15	513900	2569.5	25.5	25.04	111.17%	0.195	0.217	186
						Front side	15	509202	2546.01	25.5	25.09	109.90%	0.077	0.084	-
						Back side	15	509202	2546.01	25.5	25.09	109.90%	0.176	0.193	-
						Back side	15	518598	2592.99	25.5	24.21	134.59%	0.157	0.211	-
						Back side	15	523299	2616.495	25.5	24.40	128.82%	0.122	0.157	-
						Back side	15	528000	2640	25.5	24.52	125.31%	0.166	0.208	-
				135 RB	69	Front side	15	509202	2546.01	25.5	24.99	112.46%	0.055	0.061	-
						Back side	15	509202	2546.01	25.5	24.99	112.46%	0.147	0.165	-
				270 RB	0	Front side	15	509202	2546.01	24.5	23.94	113.76%	0.051	0.058	-
						Back side	15	509202	2546.01	24.5	23.94	113.76%	0.134	0.152	-

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### 5G NR\_ENDC without WLAN

### Body-worn\_Lower antenna

#### n2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n2	Body worn	20MHz	DTF-s QPSK OFDM	1 RB	53	Front side	15	376000	1880	22.5	22.45	101.16%	0.218	0.221	-
						Back side	15	372000	1860	22.5	22.37	103.04%	0.253	0.261	-
						Back side	15	376000	1880	22.5	22.45	101.16%	0.273	0.276	187
						Back side	15	380000	1900	22.5	22.35	103.51%	0.241	0.249	-
				50 RB	28	Front side	15	376000	1880	22.5	22.34	103.75%	0.215	0.223	-
						Back side	15	376000	1880	22.5	22.34	103.75%	0.254	0.264	-
						Front side	15	380000	1900	21.5	21.34	103.75%	0.173	0.179	-
						Back side	15	380000	1900	21.5	21.34	103.75%	0.219	0.227	-

#### n5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n5	Body worn	20MHz	DTF-s QPSK OFDM	1 RB	53	Front side	15	166800	834	24.5	23.02	140.60%	0.024	0.033	-
						Front side	15	167300	836.5	24.5	23.28	132.43%	0.029	0.039	188
						Front side	15	167800	839	24.5	23.06	139.32%	0.021	0.029	-
						Back side	15	167300	836.5	24.5	23.28	132.43%	0.021	0.028	-
						Back side	15	167300	836.5	24.5	23.24	133.66%	0.021	0.028	-
				50 RB	28	Back side	15	167300	836.5	24.5	23.24	133.66%	0.019	0.026	-
						Front side	15	167300	836.5	23.5	22.12	137.40%	0.020	0.027	-
						Back side	15	167300	836.5	23.5	22.12	137.40%	0.017	0.024	-
						Front side	15	167300	836.5	23.5	22.12	137.40%	0.017	0.024	-
						Back side	15	167300	836.5	23.5	22.12	137.40%	0.017	0.024	-

#### n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Body worn	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	15	513900	2569.5	20	19.93	101.62%	0.100	0.101	-
						Front side	15	509202	2546.01	20	19.96	100.93%	0.015	0.015	-
						Back side	15	509202	2546.01	20	19.96	100.93%	0.103	0.104	189
						Back side	15	518598	2592.99	20	19.89	102.57%	0.097	0.099	-
						Back side	15	523299	2616.495	20	19.81	104.47%	0.090	0.094	-
						Back side	15	528000	2640	20	19.84	103.75%	0.093	0.097	-
						Back side	15	528000	2640	20	19.84	103.75%	0.093	0.097	-
				135 RB	69	Front side	15	509202	2546.01	20	19.82	104.23%	0.014	0.014	-
						Back side	15	509202	2546.01	20	19.82	104.23%	0.096	0.100	-
						Back side	15	509202	2546.01	19	18.96	100.93%	0.012	0.012	-
				270 RB	0	Front side	15	509202	2546.01	19	18.96	100.93%	0.012	0.012	-
						Back side	15	509202	2546.01	19	18.96	100.93%	0.092	0.093	-

#### n66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n66	Body worn	100MHz	DTF-s QPSK OFDM	1 RB	1	Front side	15	346000	1730	20.5	20.48	100.46%	0.151	0.152	190
						Front side	15	349000	1745	20.5	20.30	104.71%	0.138	0.145	-
						Front side	15	352000	1760	20.5	20.29	104.95%	0.133	0.140	-
						Back side	15	346000	1730	20.5	20.48	100.46%	0.119	0.120	-
						Back side	15	346000	1730	20.5	20.46	100.93%	0.143	0.144	-
				100 RB	56	Back side	15	346000	1730	20.5	20.46	100.93%	0.106	0.107	-
						Front side	15	349000	1745	19.5	19.47	100.69%	0.124	0.125	-
						Back side	15	349000	1745	19.5	19.47	100.69%	0.097	0.098	-
				200 RB	0	Front side	15	349000	1745	19.5	19.47	100.69%	0.124	0.125	-
						Back side	15	349000	1745	19.5	19.47	100.69%	0.097	0.098	-

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n71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n71	Body worn	20MHz	DTF-s QPSK OFDM	1 RB	1	Front side	15	134600	673	24.5	23.77	118.30%	0.022	0.026	191
						Front side	15	136100	680.5	24.5	23.70	120.23%	0.020	0.024	-
						Front side	15	137600	688	24.5	23.55	124.45%	0.018	0.023	-
						Back side	15	134600	673	24.5	23.77	118.30%	0.013	0.015	-
						Back side	15	136100	680.5	24.5	23.69	120.50%	0.018	0.021	-
				50 RB	28	Back side	15	136100	680.5	24.5	23.69	120.50%	0.010	0.012	-
						Front side	15	136100	680.5	24.5	22.57	155.96%	0.014	0.022	-
						Back side	15	136100	680.5	24.5	22.57	155.96%	0.007	0.010	-
				100 RB	0	Back side	15	136100	680.5	24.5	22.57	155.96%	0.007	0.010	-
						Back side	15	136100	680.5	24.5	22.57	155.96%	0.007	0.010	-

**ENDC without WLAN**  
**Product specific 10-g SAR\_Upper antenna**

**LTE FDD Band 26**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	24.5	23.70	120.23%	0.716	0.861	193
						Front side	0	26865	831.5	24.5	23.53	125.03%	0.623	0.779	-
						Front side	0	26965	841.5	24.5	23.46	127.06%	0.657	0.835	-
						Back side	0	26765	821.5	24.5	23.70	120.23%	0.558	0.671	-
						Top side	0	26765	821.5	24.5	23.70	120.23%	0.487	0.586	-
						Bottom side	0	26765	821.5	24.5	23.70	120.23%	0.005	0.006	-
						Right side	0	26765	821.5	24.5	23.70	120.23%	0.403	0.485	-
						Left side	0	26765	821.5	24.5	23.70	120.23%	0.357	0.429	-
						Front side	0	26765	821.5	23.5	22.71	119.95%	0.562	0.674	-
						Back side	0	26765	821.5	23.5	22.71	119.95%	0.442	0.530	-
				36 RB	18	Top side	0	26765	821.5	23.5	22.71	119.95%	0.396	0.475	-
						Bottom side	0	26765	821.5	23.5	22.71	119.95%	0.002	0.003	-
						Right side	0	26765	821.5	23.5	22.71	119.95%	0.317	0.380	-
						Left side	0	26765	821.5	23.5	22.71	119.95%	0.297	0.356	-
						Front side	0	26765	821.5	23.5	22.70	120.23%	0.541	0.650	-
						Back side	0	26765	821.5	23.5	22.70	120.23%	0.434	0.522	-
						Top side	0	26765	821.5	23.5	22.70	120.23%	0.355	0.427	-
						Bottom side	0	26765	821.5	23.5	22.70	120.23%	0.002	0.002	-
						Right side	0	26765	821.5	23.5	22.70	120.23%	0.300	0.361	-
						Left side	0	26765	821.5	23.5	22.70	120.23%	0.277	0.333	-
				75 RB		Top side	0	26765	821.5	23.5	22.70	120.23%	0.355	0.427	-
						Bottom side	0	26765	821.5	23.5	22.70	120.23%	0.002	0.002	-
						Right side	0	26765	821.5	23.5	22.70	120.23%	0.300	0.361	-
						Left side	0	26765	821.5	23.5	22.70	120.23%	0.277	0.333	-

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**ENDC without WLAN**  
**Product specific 10-g SAR\_Lower antenna**

**LTE FDD Band 2**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	18700	1860	21	20.90	102.33%	0.427	0.437	-
						Back side	0	18700	1860	21	20.90	102.33%	0.432	0.442	-
						Top side	0	18700	1860	21	20.90	102.33%	0.003	0.003	-
						Bottom side	0	18700	1860	21	20.90	102.33%	0.912	0.933	-
						Bottom side	0	18900	1880	21	20.79	104.95%	0.933	0.979	-
						Bottom side	0	19100	1900	21	20.61	109.40%	0.997	1.091	194
						Right side	0	18700	1860	21	20.90	102.33%	0.173	0.177	-
				50 RB	0	Left side	0	18700	1860	21	20.90	102.33%	0.261	0.267	-
						Front side	0	18700	1860	20	19.91	102.09%	0.318	0.325	-
						Back side	0	18700	1860	20	19.91	102.09%	0.371	0.379	-
						Top side	0	18700	1860	20	19.91	102.09%	0.002	0.002	-
						Bottom side	0	18700	1860	20	19.91	102.09%	0.728	0.743	-
						Right side	0	18700	1860	20	19.91	102.09%	0.152	0.155	-
						Left side	0	18700	1860	20	19.91	102.09%	0.239	0.244	-
				100 RB		Front side	0	18900	1880	20	19.85	103.51%	0.295	0.305	-
						Back side	0	18900	1880	20	19.85	103.51%	0.368	0.381	-
						Top side	0	18900	1880	20	19.85	103.51%	0.002	0.002	-
						Bottom side	0	18900	1880	20	19.85	103.51%	0.704	0.729	-
						Right side	0	18900	1880	20	19.85	103.51%	0.148	0.153	-
						Left side	0	18900	1880	20	19.85	103.51%	0.213	0.220	-
						Left side	0	18900	1880	20	19.85	103.51%	0.213	0.220	-

**LTE FDD Band 7**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 7	Product specific 10g SAR	20MHz	QPSK	1 RB	99	Front side	0	21350	2560	23.5	22.71	119.95%	0.810	0.972	-
						Back side	0	21350	2560	23.5	22.71	119.95%	0.540	0.648	-
						Top side	0	21350	2560	23.5	22.71	119.95%	0.004	0.005	-
						Bottom side	0	20850	2510	23.5	22.70	120.23%	1.210	1.455	-
						Bottom side	0	21100	2535	23.5	22.60	123.03%	1.030	1.267	-
						Bottom side	0	21350	2560	23.5	22.71	119.95%	1.600	1.919	195
						Right side	0	21350	2560	23.5	22.71	119.95%	0.248	0.297	-
				50 RB	50	Left side	0	21350	2560	23.5	22.71	119.95%	0.172	0.206	-
						Front side	0	21350	2560	22.5	21.71	119.95%	0.619	0.742	-
						Back side	0	21350	2560	22.5	21.71	119.95%	0.335	0.402	-
						Top side	0	21350	2560	22.5	21.71	119.95%	0.002	0.002	-
						Bottom side	0	21350	2560	22.5	21.71	119.95%	1.280	1.535	-
						Right side	0	21350	2560	22.5	21.71	119.95%	0.273	0.327	-
						Left side	0	21350	2560	22.5	21.71	119.95%	0.182	0.218	-
				100 RB		Front side	0	21100	2535	22.5	21.68	120.78%	0.593	0.716	-
						Back side	0	21100	2535	22.5	21.68	120.78%	0.392	0.473	-
						Top side	0	21100	2535	22.5	21.68	120.78%	0.003	0.003	-
						Bottom side	0	21100	2535	22.5	21.68	120.78%	1.170	1.413	-
						Right side	0	21100	2535	22.5	21.68	120.78%	0.231	0.279	-
						Left side	0	21100	2535	22.5	21.68	120.78%	0.165	0.199	-
						Left side	0	21100	2535	22.5	21.68	120.78%	0.165	0.199	-

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### LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	24.5	23.70	120.23%	1.220	1.467	197
						Front side	0	26865	831.5	24.5	23.53	125.03%	1.097	1.372	-
						Front side	0	26965	841.5	24.5	23.46	127.06%	0.981	1.246	-
						Back side	0	26765	821.5	24.5	23.70	120.23%	1.012	1.217	-
						Top side	0	26765	821.5	24.5	23.70	120.23%	0.002	0.003	-
						Bottom side	0	26765	821.5	24.5	23.70	120.23%	0.879	1.057	-
						Right side	0	26765	821.5	24.5	23.70	120.23%	0.319	0.384	-
						Left side	0	26765	821.5	24.5	23.70	120.23%	0.431	0.518	-
						Front side	0	26765	821.5	23.5	22.71	119.95%	0.962	1.154	-
						Back side	0	26765	821.5	23.5	22.71	119.95%	0.825	0.990	-
						Top side	0	26765	821.5	23.5	22.71	119.95%	0.002	0.002	-
						Bottom side	0	26765	821.5	23.5	22.71	119.95%	0.711	0.853	-
				36 RB	18	Right side	0	26765	821.5	23.5	22.71	119.95%	0.299	0.359	-
						Left side	0	26765	821.5	23.5	22.71	119.95%	0.334	0.401	-
						Front side	0	26765	821.5	23.5	22.70	120.23%	0.915	1.100	-
						Back side	0	26765	821.5	23.5	22.70	120.23%	0.817	0.982	-
						Top side	0	26765	821.5	23.5	22.70	120.23%	0.001	0.002	-
						Bottom side	0	26765	821.5	23.5	22.70	120.23%	0.681	0.819	-
						Right side	0	26765	821.5	23.5	22.70	120.23%	0.265	0.319	-
						Left side	0	26765	821.5	23.5	22.70	120.23%	0.325	0.391	-

### LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page		
													Measured	Reported			
LTE Band 41	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	41490	2680	24.5	23.72	119.67%	0.881	1.054	-		
						Back side	0	41490	2680	24.5	23.72	119.67%	0.758	0.907	-		
						Top side	0	41490	2680	24.5	23.72	119.67%	0.005	0.005	-		
						Bottom side	0	39750	2506	24.5	23.66	121.34%	0.854	1.036	-		
						Bottom side	0	40185	2549.5	24.5	23.56	124.17%	0.785	0.975	-		
						Bottom side	0	40620	2593	24.5	23.65	121.62%	0.740	0.900	-		
						Bottom side	0	41055	2636.5	24.5	23.69	120.50%	0.820	0.988	-		
						Bottom side	0	41490	2680	24.5	23.72	119.67%	1.230	1.472	198		
						Right side	0	41490	2680	24.5	23.72	119.67%	0.428	0.512	-		
						Left side	0	41490	2680	24.5	23.72	119.67%	0.514	0.615	-		
						50 RB	0	Front side	0	41490	2680	23.5	22.69	120.50%	0.677	0.816	-
								Back side	0	41490	2680	23.5	22.69	120.50%	0.611	0.736	-
				Top side	0			41490	2680	23.5	22.69	120.50%	0.002	0.003	-		
				Bottom side	0			41490	2680	23.5	22.69	120.50%	0.918	1.106	-		
				Right side	0			41490	2680	23.5	22.69	120.50%	0.332	0.400	-		
				Left side	0			41490	2680	23.5	22.69	120.50%	0.391	0.471	-		
				100 RB	0			Front side	0	39750	2506	23.5	22.73	119.40%	0.665	0.794	-
								Back side	0	39750	2506	23.5	22.73	119.40%	0.602	0.719	-
								Top side	0	39750	2506	23.5	22.73	119.40%	0.002	0.002	-
								Bottom side	0	39750	2506	23.5	22.73	119.40%	0.891	1.064	-
								Right side	0	39750	2506	23.5	22.73	119.40%	0.325	0.388	-
								Left side	0	39750	2506	23.5	22.73	119.40%	0.385	0.460	-

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**5G NR\_ENDC without WLAN**  
**Product specific 10-g SAR\_Upper antenna**  
**n41**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page					
													Measured	Reported						
n41	Product specific 10g SAR	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	0	513900	2569.5	25.5	25.04	111.17%	1.660	1.845	200					
						Front side	0	509202	2546.01	25.5	25.09	109.90%	0.714	0.785	-					
						Back side	0	509202	2546.01	25.5	25.09	109.90%	1.512	1.662	-					
						Back side	0	518598	2592.99	25.5	24.21	134.59%	0.989	1.331	-					
						Back side	0	523299	2616.495	25.5	24.40	128.82%	1.119	1.442	-					
						Back side	0	528000	2640	25.5	24.52	125.31%	1.213	1.520	-					
						Top side	0	509202	2546.01	25.5	25.09	109.90%	0.062	0.068	-					
						Bottom side	0	509202	2546.01	25.5	25.09	109.90%	0.003	0.003	-					
						Right side	0	509202	2546.01	25.5	25.09	109.90%	0.112	0.123	-					
						Left side	0	509202	2546.01	25.5	25.09	109.90%	0.224	0.246	-					
						Front side	0	509202	2546.01	25.5	24.99	112.46%	0.572	0.643	-					
						Back side	0	509202	2546.01	25.5	24.99	112.46%	1.360	1.529	-					
						Top side	0	509202	2546.01	25.5	24.99	112.46%	0.052	0.059	-					
				Bottom side	0	509202	2546.01	25.5	24.99	112.46%	0.002	0.002	-							
				Right side	0	509202	2546.01	25.5	24.99	112.46%	0.093	0.105	-							
				Left side	0	509202	2546.01	25.5	24.99	112.46%	0.201	0.226	-							
				Front side	0	509202	2546.01	24.5	23.94	113.76%	0.381	0.433	-							
				Back side	0	509202	2546.01	24.5	23.94	113.76%	1.030	1.172	-							
				Top side	0	509202	2546.01	24.5	23.94	113.76%	0.031	0.035	-							
				Bottom side	0	509202	2546.01	24.5	23.94	113.76%	0.001	0.001	-							
				Right side	0	509202	2546.01	24.5	23.94	113.76%	0.082	0.093	-							
				Left side	0	509202	2546.01	24.5	23.94	113.76%	0.115	0.131	-							
								135 RB	69											
								270 RB	0											

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### Product specific 10-g SAR\_Lower antenna

n2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n2	Product specific 10g SAR	20MHz	DTF-s QPSK OFDM	1 RB	53	Front side	0	376000	1880	22.5	22.45	101.16%	0.411	0.416	-
						Back side	0	376000	1880	22.5	22.45	101.16%	0.521	0.527	-
						Top side	0	376000	1880	22.5	22.45	101.16%	0.003	0.003	-
						Bottom side	0	372000	1860	22.5	22.37	103.04%	1.720	1.772	-
						Bottom side	0	376000	1880	22.5	22.45	101.16%	1.780	1.801	201
						Bottom side	0	380000	1900	22.5	22.35	103.51%	1.730	1.791	-
						Right side	0	376000	1880	22.5	22.45	101.16%	0.107	0.108	-
						Left side	0	376000	1880	22.5	22.45	101.16%	0.299	0.302	-
						Front side	0	376000	1880	22.5	22.34	103.75%	0.392	0.407	-
						Back side	0	376000	1880	22.5	22.34	103.75%	0.501	0.520	-
						Top side	0	376000	1880	22.5	22.34	103.75%	0.003	0.003	-
						Bottom side	0	376000	1880	22.5	22.34	103.75%	1.670	1.733	-
				Right side	0	376000	1880	22.5	22.34	103.75%	0.092	0.096	-		
				Left side	0	376000	1880	22.5	22.34	103.75%	0.287	0.298	-		
				Front side	0	380000	1900	21.5	21.34	103.75%	0.318	0.330	-		
				Back side	0	380000	1900	21.5	21.34	103.75%	0.398	0.413	-		
				Top side	0	380000	1900	21.5	21.34	103.75%	0.002	0.002	-		
				Bottom side	0	380000	1900	21.5	21.34	103.75%	1.350	1.401	-		
				Right side	0	380000	1900	21.5	21.34	103.75%	0.074	0.077	-		
				Left side	0	380000	1900	21.5	21.34	103.75%	0.238	0.247	-		

n5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n5	Product specific 10g SAR	20MHz	DTF-s QPSK OFDM	1 RB	53	Front side	0	166800	834	24.5	23.02	140.60%	0.175	0.246	-
						Front side	0	167300	836.5	24.5	23.28	132.43%	0.196	0.260	202
						Front side	0	167800	839	24.5	23.06	139.32%	0.182	0.254	-
						Back side	0	167300	836.5	24.5	23.28	132.43%	0.169	0.224	-
						Top side	0	167300	836.5	24.5	23.28	132.43%	0.013	0.017	-
						Bottom side	0	167300	836.5	24.5	23.28	132.43%	0.146	0.193	-
						Right side	0	167300	836.5	24.5	23.28	132.43%	0.049	0.064	-
						Left side	0	167300	836.5	24.5	23.28	132.43%	0.029	0.039	-
						Front side	0	167300	836.5	24.5	23.24	133.66%	0.184	0.246	-
						Back side	0	167300	836.5	24.5	23.24	133.66%	0.153	0.204	-
						Top side	0	167300	836.5	24.5	23.24	133.66%	0.011	0.014	-
						Bottom side	0	167300	836.5	24.5	23.24	133.66%	0.138	0.184	-
				Right side	0	167300	836.5	24.5	23.24	133.66%	0.047	0.063	-		
				Left side	0	167300	836.5	24.5	23.24	133.66%	0.027	0.036	-		
				Front side	0	167300	836.5	23.5	22.12	137.40%	0.166	0.228	-		
				Back side	0	167300	836.5	23.5	22.12	137.40%	0.135	0.185	-		
				Top side	0	167300	836.5	23.5	22.12	137.40%	0.009	0.013	-		
				Bottom side	0	167300	836.5	23.5	22.12	137.40%	0.107	0.147	-		
				Right side	0	167300	836.5	23.5	22.12	137.40%	0.038	0.053	-		
				Left side	0	167300	836.5	23.5	22.12	137.40%	0.024	0.032	-		

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n41	Product specific 10g SAR	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	0	513900	2569.5	20	19.93	101.62%	1.630	1.656	-
						Front side	0	509202	2546.01	20	19.96	100.93%	0.046	0.046	-
						Back side	0	509202	2546.01	20	19.96	100.93%	1.730	1.746	203
						Back side	0	518598	2592.99	20	19.89	102.57%	1.630	1.672	-
						Back side	0	523299	2616.495	20	19.81	104.47%	1.590	1.661	-
						Back side	0	528000	2640	20	19.84	103.75%	1.510	1.567	-
						Top side	0	509202	2546.01	20	19.96	100.93%	0.007	0.007	-
						Bottom side	0	509202	2546.01	20	19.96	100.93%	0.449	0.453	-
						Right side	0	509202	2546.01	20	19.96	100.93%	0.039	0.040	-
						Left side	0	509202	2546.01	20	19.96	100.93%	0.087	0.088	-
						Front side	0	509202	2546.01	20	19.82	104.23%	0.042	0.044	-
						Back side	0	509202	2546.01	20	19.82	104.23%	1.610	1.678	-
				Top side	0	509202	2546.01	20	19.82	104.23%	0.006	0.006	-		
				Bottom side	0	509202	2546.01	20	19.82	104.23%	0.430	0.448	-		
				Right side	0	509202	2546.01	20	19.82	104.23%	0.037	0.038	-		
				Left side	0	509202	2546.01	20	19.82	104.23%	0.083	0.086	-		
				Front side	0	509202	2546.01	19	18.96	100.93%	0.037	0.038	-		
				Back side	0	509202	2546.01	19	18.96	100.93%	1.250	1.262	-		
				Top side	0	509202	2546.01	19	18.96	100.93%	0.005	0.005	-		
				Bottom side	0	509202	2546.01	19	18.96	100.93%	0.372	0.375	-		
				Right side	0	509202	2546.01	19	18.96	100.93%	0.030	0.031	-		
				Left side	0	509202	2546.01	19	18.96	100.93%	0.068	0.069	-		

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n66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n66	Product specific 10g SAR	40MHz	DTF-s QPSK OFDM	1 RB	1	Front side	0	346000	1730	20.5	20.48	100.46%	0.466	0.468	-
						Back side	0	346000	1730	20.5	20.48	100.46%	0.872	0.876	-
						Top side	0	346000	1730	20.5	20.48	100.46%	0.001	0.001	-
						Bottom side	0	346000	1730	20.5	20.48	100.46%	1.830	1.838	204
						Bottom side	0	349000	1745	20.5	20.30	104.71%	1.670	1.749	-
						Bottom side	0	352000	1760	20.5	20.29	104.95%	1.620	1.700	-
						Right side	0	346000	1730	20.5	20.48	100.46%	0.025	0.025	-
						Left side	0	346000	1730	20.5	20.48	100.46%	0.238	0.239	-
						Front side	0	346000	1730	20.5	20.46	100.93%	0.452	0.456	-
						Back side	0	346000	1730	20.5	20.46	100.93%	0.829	0.837	-
						Top side	0	346000	1730	20.5	20.46	100.93%	0.001	0.001	-
						Bottom side	0	346000	1730	20.5	20.46	100.93%	1.450	1.463	-
				Right side	0	346000	1730	20.5	20.46	100.93%	0.024	0.024	-		
				Left side	0	346000	1730	20.5	20.46	100.93%	0.227	0.229	-		
				Front side	0	349000	1745	19.5	19.47	100.69%	0.393	0.396	-		
				Back side	0	349000	1745	19.5	19.47	100.69%	0.592	0.596	-		
				Top side	0	349000	1745	19.5	19.47	100.69%	0.001	0.001	-		
				Bottom side	0	349000	1745	19.5	19.47	100.69%	1.100	1.108	-		
				Right side	0	349000	1745	19.5	19.47	100.69%	0.021	0.021	-		
				Left side	0	349000	1745	19.5	19.47	100.69%	0.206	0.207	-		

n71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n71	Product specific 10g SAR	20MHz	DTF-s QPSK OFDM	1 RB	1	Front side	0	134600	673	24.5	23.77	118.30%	0.052	0.061	205
						Front side	0	136100	680.5	24.5	23.70	120.23%	0.049	0.058	-
						Front side	0	137600	688	24.5	23.55	124.45%	0.041	0.051	-
						Back side	0	134600	673	24.5	23.77	118.30%	0.047	0.056	-
						Top side	0	134600	673	24.5	23.77	118.30%	0.003	0.003	-
						Bottom side	0	134600	673	24.5	23.77	118.30%	0.038	0.045	-
						Right side	0	134600	673	24.5	23.77	118.30%	0.013	0.015	-
						Left side	0	134600	673	24.5	23.77	118.30%	0.006	0.008	-
						Front side	0	136100	680.5	24.5	23.69	120.50%	0.038	0.046	-
						Back side	0	136100	680.5	24.5	23.69	120.50%	0.036	0.043	-
						Top side	0	136100	680.5	24.5	23.69	120.50%	0.002	0.002	-
						Bottom side	0	136100	680.5	24.5	23.69	120.50%	0.028	0.034	-
				Right side	0	136100	680.5	24.5	23.69	120.50%	0.011	0.013	-		
				Left side	0	136100	680.5	24.5	23.69	120.50%	0.005	0.006	-		
				Front side	0	136100	680.5	23.5	22.57	123.88%	0.032	0.040	-		
				Back side	0	136100	680.5	23.5	22.57	123.88%	0.030	0.037	-		
				Top side	0	136100	680.5	23.5	22.57	123.88%	0.001	0.002	-		
				Bottom side	0	136100	680.5	23.5	22.57	123.88%	0.024	0.029	-		
				Right side	0	136100	680.5	23.5	22.57	123.88%	0.008	0.010	-		
				Left side	0	136100	680.5	23.5	22.57	123.88%	0.003	0.004	-		

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**SISO\_without WWAN**  
**Head\_Calling mode**  
**WLAN Ant 4 (Chain 0)**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	20.00	19.75	105.93%	0.572	0.606	-
	Re Tilt	-	1	2412	20.00	19.75	105.93%	0.218	0.231	-
	LE Cheek	-	1	2412	20.00	19.75	105.93%	1.040	1.102	206
	LE Cheek*	-	1	2412	20.00	19.75	105.93%	1.010	1.070	-
	LE Cheek	-	6	2437	20.00	19.53	111.43%	0.936	1.043	-
	LE Cheek	-	11	2462	20.00	19.70	107.15%	0.982	1.052	-
Bluetooth (GFSK)	RE Cheek	-	18	2442	14.00	13.54	111.17%	0.399	0.444	-
	Re Tilt	-	18	2442	14.00	13.54	111.17%	0.145	0.161	-
	LE Cheek	-	37	2402	14.00	12.82	131.22%	0.358	0.470	-
	LE Cheek	-	18	2442	14.00	13.54	111.17%	0.527	0.586	207
	LE Cheek	-	39	2480	13.00	11.42	143.88%	0.219	0.315	-
	LE Tilt	-	18	2442	14.00	13.54	111.17%	0.183	0.203	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	46	5230	16.50	16.48	100.46%	0.712	0.715	-
	Re Tilt	-	46	5230	16.50	16.48	100.46%	0.223	0.224	-
	LE Cheek	-	38	5190	16.50	16.03	111.43%	0.938	1.045	-
	LE Cheek	-	46	5230	16.50	16.48	100.46%	1.160	1.165	208
	LE Cheek*	-	46	5230	16.50	16.48	100.46%	1.110	1.115	-
	LE Tilt	-	46	5230	16.50	16.48	100.46%	0.442	0.444	-
WLAN 802.11a 5.3G	RE Cheek	-	52	5260	17.00	16.99	100.23%	0.455	0.456	-
	Re Tilt	-	52	5260	17.00	16.99	100.23%	0.131	0.131	-
	LE Cheek	-	52	5260	17.00	16.99	100.23%	1.110	1.113	209
	LE Cheek*	-	52	5260	17.00	16.99	100.23%	1.050	1.052	-
	LE Cheek	-	60	5300	17.00	16.79	104.95%	1.050	1.102	-
	LE Cheek	-	64	5320	17.00	16.87	103.04%	1.010	1.041	-
WLAN 802.11ac(80M) 5.6G	RE Cheek	-	138	5690	14.00	13.99	100.23%	0.754	0.756	-
	Re Tilt	-	138	5690	14.00	13.99	100.23%	0.341	0.342	-
	LE Cheek	-	106	5530	14.00	13.78	105.20%	0.882	0.928	-
	LE Cheek	-	122	5610	14.00	13.88	102.80%	1.050	1.079	-
	LE Cheek	-	138	5690	14.00	13.99	100.23%	1.170	1.173	210
	LE Cheek*	-	138	5690	14.00	13.99	100.23%	1.100	1.103	-
WLAN 802.11ac(80M) 5.8G	RE Cheek	-	138	5690	14.00	13.99	100.23%	1.050	1.052	-
	LE Tilt	-	138	5690	14.00	13.99	100.23%	0.445	0.446	-
	RE Cheek	-	155	5775	15.50	15.48	100.46%	0.392	0.394	-
	Re Tilt	-	155	5775	15.50	15.48	100.46%	0.119	0.120	-
	LE Cheek	-	155	5775	15.50	15.48	100.46%	1.030	1.035	211
	LE Cheek*	-	155	5775	15.50	15.48	100.46%	1.020	1.025	-
LE Tilt	-	155	5775	15.50	15.48	100.46%	0.382	0.384	-	

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

\*\* - Spot check for fan

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**WLAN Ant 6 (Chain 1)**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	20.00	19.49	112.46%	0.312	0.351	-
	RE Cheek	-	6	2437	20.00	19.61	109.40%	0.398	0.435	212
	RE Cheek	-	11	2462	20.00	19.55	110.92%	0.335	0.372	-
	Re Tilt	-	6	2437	20.00	19.61	109.40%	0.121	0.132	-
	LE Cheek	-	6	2437	20.00	19.61	109.40%	0.165	0.181	-
Bluetooth (GFSK)	RE Cheek	-	37	2402	14.00	12.82	131.22%	0.088	0.115	-
	RE Cheek	-	18	2442	14.00	13.54	111.17%	0.100	0.111	213
	RE Cheek	-	39	2480	13.00	11.42	143.88%	0.069	0.099	-
	Re Tilt	-	18	2442	14.00	13.54	111.17%	0.047	0.052	-
	LE Cheek	-	18	2442	14.00	13.54	111.17%	0.059	0.065	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	38	5190	18.00	16.25	149.62%	0.028	0.041	-
	RE Cheek	-	46	5230	18.00	16.76	133.05%	0.032	0.042	214
	Re Tilt	-	46	5230	18.00	16.76	133.05%	0.012	0.016	-
	LE Cheek	-	46	5230	18.00	16.76	133.05%	0.017	0.022	-
	LE Tilt	-	46	5230	18.00	16.76	133.05%	0.009	0.012	-
WLAN 802.11n(20M) 5.3G	RE Cheek	-	52	5260	19.50	19.42	101.86%	0.067	0.069	215
	RE Cheek	-	60	5300	19.50	19.49	100.23%	0.056	0.056	-
	RE Cheek	-	64	5320	19.50	18.35	130.32%	0.048	0.062	-
	Re Tilt	-	60	5300	19.50	19.49	100.23%	0.023	0.023	-
	LE Cheek	-	60	5300	19.50	19.49	100.23%	0.027	0.027	-
WLAN 802.11a 5.6G	LE Tilt	-	60	5300	19.50	19.49	100.23%	0.015	0.015	-
	RE Cheek	-	100	5500	20.00	19.76	105.68%	0.142	0.150	216
	RE Cheek	-	120	5600	20.00	19.57	110.41%	0.121	0.134	-
	RE Cheek	-	140	5700	20.00	19.58	110.15%	0.133	0.147	-
	Re Tilt	-	100	5500	20.00	19.76	105.68%	0.055	0.058	-
WLAN 802.11ac(80M) 5.8G	LE Cheek	-	100	5500	20.00	19.76	105.68%	0.074	0.078	-
	LE Tilt	-	100	5500	20.00	19.76	105.68%	0.033	0.035	-
	RE Cheek	-	155	5775	20.00	19.63	108.89%	0.358	0.390	217
	Re Tilt	-	155	5775	20.00	19.63	108.89%	0.147	0.160	-
	LE Cheek	-	155	5775	20.00	19.63	108.89%	0.189	0.206	-
	LE Tilt	-	155	5775	20.00	19.63	108.89%	0.092	0.101	-

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## Body-worn\_Calling mode

### WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	20.00	19.75	105.93%	0.043	0.046	-
	Back side	15	1	2412	20.00	19.75	105.93%	0.132	0.140	-
	Back side	15	6	2437	20.00	19.53	111.43%	0.122	0.136	-
	Back side	15	11	2462	20.00	19.70	107.15%	0.153	0.164	218
Bluetooth (GFSK)	Front side	15	18	2442	14.00	13.54	111.17%	0.003	0.004	-
	Back side	15	37	2402	14.00	12.82	131.22%	0.012	0.016	-
	Back side	15	18	2442	14.00	13.54	111.17%	0.028	0.031	219
WLAN 802.11n(40M) 5.2G	Back side	15	39	2480	13.00	11.42	143.88%	0.017	0.024	-
	Front side	15	46	5230	16.50	16.48	100.46%	0.087	0.088	-
	Back side	15	38	5190	16.50	16.03	111.43%	0.126	0.140	-
WLAN 802.11a 5.3G	Back side	15	46	5230	16.50	16.48	100.46%	0.178	0.179	220
	Front side	15	52	5260	17.00	16.99	100.23%	0.065	0.065	-
	Back side	15	52	5260	17.00	16.99	100.23%	0.169	0.169	221
	Back side	15	60	5300	17.00	16.79	104.95%	0.141	0.148	-
WLAN 802.11ac(80M) 5.6G	Back side	15	64	5320	17.00	16.87	103.04%	0.117	0.121	-
	Front side	15	138	5690	14.00	13.99	100.23%	0.125	0.125	-
	Back side	15	106	5530	14.00	13.78	105.20%	0.150	0.158	-
	Back side	15	122	5610	14.00	13.88	102.80%	0.157	0.161	-
WLAN 802.11ac(80M) 5.8G	Back side	15	138	5690	14.00	13.99	100.23%	0.165	0.165	222
	Front side	15	155	5775	15.50	15.48	100.46%	0.118	0.119	-
WLAN 802.11ac(80M) 5.8G	Back side	15	155	5775	15.50	15.48	100.46%	0.161	0.162	223

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### WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	6	2437	20.00	19.61	109.40%	0.012	0.013	-
	Back side	15	1	2412	20.00	19.49	112.46%	0.031	0.035	-
	Back side	15	6	2437	20.00	19.61	109.40%	0.036	0.040	-
	Back side	15	11	2462	20.00	19.55	110.92%	0.059	0.065	224
Bluetooth (GFSK)	Front side	15	18	2442	14.00	13.54	111.17%	0.002	0.003	-
	Back side	15	37	2402	14.00	12.82	131.22%	0.002	0.003	-
	Back side	15	18	2442	14.00	13.54	111.17%	0.010	0.011	225
	Back side	15	39	2480	13.00	11.42	143.88%	0.004	0.006	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	18.00	16.76	133.05%	0.109	0.145	-
	Back side	15	38	5190	18.00	16.25	149.62%	0.121	0.181	-
	Back side	15	46	5230	18.00	16.76	133.05%	0.217	0.289	226
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	19.50	19.49	100.23%	0.206	0.206	-
	Back side	15	52	5260	19.50	19.42	101.86%	0.452	0.460	-
	Back side	15	60	5300	19.50	19.49	100.23%	0.485	0.486	227
	Back side	15	64	5320	19.50	18.35	130.32%	0.311	0.405	-
WLAN 802.11a 5.6G	Front side	15	100	5500	20.00	19.76	105.68%	0.056	0.059	-
	Back side	15	100	5500	20.00	19.76	105.68%	0.204	0.216	228
	Back side	15	120	5600	20.00	19.57	110.41%	0.165	0.182	-
	Back side	15	140	5700	20.00	19.58	110.15%	0.145	0.160	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	20.00	19.63	108.89%	0.034	0.037	-
	Back side	15	155	5775	20.00	19.63	108.89%	0.291	0.317	229

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## Body-worn\_Camera mode

### WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	20.00	19.75	105.93%	0.023	0.025	-
	Back side	15	1	2412	20.00	19.75	105.93%	0.072	0.076	230
	Back side	15	6	2437	20.00	19.53	111.43%	0.056	0.063	-
	Back side	15	11	2462	20.00	19.70	107.15%	0.047	0.050	-
Bluetooth (GFSK)	Front side	15	18	2442	14.00	13.54	111.17%	0.002	0.003	-
	Back side	15	37	2402	14.00	12.82	131.22%	0.012	0.016	-
	Back side	15	18	2442	14.00	13.54	111.17%	0.016	0.017	231
WLAN 802.11n(40M) 5.2G	Back side	15	39	2480	13.00	11.42	143.88%	0.008	0.011	-
	Front side	15	46	5230	17.50	16.57	123.88%	0.076	0.094	-
	Back side	15	38	5190	17.50	16.03	140.28%	0.287	0.403	-
WLAN 802.11a 5.3G	Back side	15	46	5230	17.50	16.57	123.88%	0.362	0.448	232
	Front side	15	52	5260	19.50	19.49	100.23%	0.088	0.088	-
	Back side	15	52	5260	19.50	19.49	100.23%	0.880	0.882	233
	Back side*	15	52	5260	19.50	19.49	100.23%	0.856	0.858	-
	Back side**	15	52	5260	19.50	19.49	100.23%	0.843	0.845	-
WLAN 802.11ac(80M) 5.6G	Back side	15	60	5300	19.50	19.32	104.23%	0.824	0.859	-
	Back side	15	64	5320	19.50	18.51	125.60%	0.612	0.769	-
	Front side	15	138	5690	20.00	19.17	121.06%	0.028	0.034	-
	Back side	15	106	5530	17.00	15.45	142.89%	0.144	0.206	-
WLAN 802.11ac(80M) 5.8G	Back side	15	122	5610	20.00	19.16	121.34%	0.312	0.379	-
	Back side	15	138	5690	20.00	19.17	121.06%	0.321	0.389	234
	Front side	15	155	5775	20.00	19.48	112.72%	0.043	0.049	-
Back side	15	155	5775	20.00	19.48	112.72%	0.374	0.422	235	

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

\*\* - Spot check for fan

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### WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	6	2437	20.00	19.61	109.40%	0.003	0.004	-
	Back side	15	1	2412	20.00	19.49	112.46%	0.067	0.076	-
	Back side	15	6	2437	20.00	19.61	109.40%	0.090	0.098	-
	Back side	15	11	2462	20.00	19.55	110.92%	0.104	0.115	236
Bluetooth (GFSK)	Front side	15	18	2442	14.00	13.54	111.17%	0.014	0.016	-
	Back side	15	37	2402	14.00	12.82	131.22%	0.123	0.161	-
	Back side	15	18	2442	14.00	13.54	111.17%	0.152	0.169	237
	Back side	15	39	2480	13.00	11.42	143.88%	0.112	0.161	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	18.00	16.76	133.05%	0.012	0.016	-
	Back side	15	38	5190	18.00	16.25	149.62%	0.118	0.177	-
	Back side	15	46	5230	18.00	16.76	133.05%	0.142	0.189	238
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	20.00	19.71	106.91%	0.033	0.035	-
	Back side	15	52	5260	20.00	19.52	111.69%	0.234	0.261	-
	Back side	15	60	5300	20.00	19.71	106.91%	0.276	0.295	239
	Back side	15	64	5320	20.00	18.35	146.22%	0.189	0.276	-
WLAN 802.11a 5.6G	Front side	15	100	5500	20.00	19.76	105.68%	0.121	0.128	-
	Back side	15	100	5500	20.00	19.76	105.68%	0.594	0.628	240
	Back side	15	120	5600	20.00	19.57	110.41%	0.512	0.565	-
	Back side	15	140	5700	20.00	19.58	110.15%	0.523	0.576	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	19.00	18.83	103.99%	0.024	0.024	-
	Back side	15	155	5775	19.00	18.83	103.99%	0.470	0.489	241

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## Body-worn\_Gaming mode

### WLAN Ant 7 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	18.00	16.76	133.05%	0.056	0.075	-
	Back side	15	38	5190	18.00	16.25	149.62%	0.112	0.168	-
	Back side	15	46	5230	18.00	16.76	133.05%	0.124	0.165	242
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	20.00	19.71	106.91%	0.069	0.074	-
	Back side	15	52	5260	20.00	19.52	111.69%	0.254	0.284	-
	Back side	15	60	5300	20.00	19.71	106.91%	0.338	0.361	243
	Back side	15	64	5320	20.00	18.35	146.22%	0.276	0.404	-
WLAN 802.11a 5.6G	Front side	15	100	5500	20.00	19.76	105.68%	0.046	0.049	-
	Back side	15	100	5500	20.00	19.76	105.68%	0.224	0.237	244
	Back side	15	120	5600	20.00	19.57	110.41%	0.145	0.160	-
	Back side	15	140	5700	20.00	19.58	110.15%	0.178	0.196	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	20.00	19.63	108.89%	0.076	0.083	-
	Back side	15	155	5775	20.00	19.63	108.89%	0.414	0.451	245

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**SISO\_with WWAN**  
**Head Calling mode**  
**WLAN Ant 4 (Chain 0)**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	RE Cheek	-	18	2442	10.50	10.44	101.39%	0.192	0.195	-
	Re Tilt	-	18	2442	10.50	10.44	101.39%	0.072	0.073	-
	LE Cheek	-	37	2402	10.50	10.12	109.14%	0.205	0.224	-
	LE Cheek	-	18	2442	10.50	10.44	101.39%	0.262	0.266	24
	LE Cheek	-	39	2480	10.50	10.42	101.86%	0.173	0.176	-
	LE Tilt	-	18	2442	10.50	10.44	101.39%	0.090	0.091	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	46	5230	15.00	14.98	100.46%	0.478	0.480	-
	Re Tilt	-	46	5230	15.00	14.98	100.46%	0.152	0.153	-
	LE Cheek	-	38	5190	15.00	14.73	106.41%	0.732	0.779	-
	LE Cheek	-	46	5230	15.00	14.98	100.46%	0.778	0.782	247
	LE Tilt	-	46	5230	15.00	14.98	100.46%	0.311	0.312	-
WLAN 802.11a 5.3G	RE Cheek	-	52	5260	15.50	15.49	100.23%	0.312	0.313	-
	Re Tilt	-	52	5260	15.50	15.49	100.23%	0.092	0.092	-
	LE Cheek	-	52	5260	15.50	15.49	100.23%	0.781	0.783	248
	LE Cheek	-	60	5300	15.50	15.39	102.57%	0.756	0.775	-
	LE Cheek	-	64	5320	15.50	15.37	103.04%	0.731	0.753	-
	LE Tilt	-	52	5260	15.50	15.49	100.23%	0.216	0.216	-
WLAN 802.11ac(80M) 5.6G	RE Cheek	-	138	5690	12.50	12.49	100.23%	0.533	0.534	-
	Re Tilt	-	138	5690	12.50	12.49	100.23%	0.235	0.236	-
	LE Cheek	-	106	5530	12.50	12.31	104.47%	0.658	0.687	-
	LE Cheek	-	122	5610	12.50	12.38	102.80%	0.768	0.790	-
	LE Cheek	-	138	5690	12.50	12.49	100.23%	0.831	0.833	249
	LE Cheek*	-	138	5690	12.50	12.49	100.23%	0.789	0.791	-
	LE Tilt	-	138	5690	12.50	12.49	100.23%	0.323	0.324	-
WLAN 802.11ac(80M) 5.8G	RE Cheek	-	155	5775	14.00	13.98	100.46%	0.265	0.266	250
	Re Tilt	-	155	5775	14.00	13.98	100.46%	0.084	0.084	-
	LE Cheek	-	155	5775	14.00	13.98	100.46%	0.732	0.735	-
	LE Tilt	-	155	5775	14.00	13.98	100.46%	0.272	0.273	-

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

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### WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	RE Cheek	-	37	2402	10.50	10.12	109.14%	0.031	0.034	-
	RE Cheek	-	18	2442	10.50	10.44	101.39%	0.049	0.050	251
	RE Cheek	-	39	2480	10.50	10.42	101.86%	0.045	0.046	-
	Re Tilt	-	18	2442	10.50	10.44	101.39%	0.023	0.023	-
	LE Cheek	-	18	2442	10.50	10.44	101.39%	0.029	0.030	-
	LE Tilt	-	18	2442	10.50	10.44	101.39%	0.015	0.015	-
WLAN 802.11n(20M) 5.3G	RE Cheek	-	52	5260	18.50	18.45	101.16%	0.067	0.068	252
	RE Cheek	-	60	5300	18.50	18.49	100.23%	0.056	0.056	-
	RE Cheek	-	64	5320	18.50	18.35	103.51%	0.048	0.049	-
	Re Tilt	-	60	5300	18.50	18.49	100.23%	0.023	0.023	-
	LE Cheek	-	60	5300	18.50	18.49	100.23%	0.027	0.027	-
	LE Tilt	-	60	5300	18.50	18.49	100.23%	0.015	0.015	-
WLAN 802.11ac(80M) 5.8G	RE Cheek	-	155	5775	19.00	18.98	100.46%	0.305	0.306	253
	Re Tilt	-	155	5775	19.00	18.98	100.46%	0.121	0.122	-
	LE Cheek	-	155	5775	19.00	18.98	100.46%	0.156	0.157	-
	LE Tilt	-	155	5775	19.00	18.98	100.46%	0.082	0.082	-

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### Body-worn\_Calling mode

#### WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	Front side	15	18	2442	10.50	10.44	101.39%	0.002	0.002	-
	Back side	15	37	2402	10.50	10.12	109.14%	0.007	0.008	-
	Back side	15	18	2442	10.50	10.44	101.39%	0.014	0.014	254
	Back side	15	39	2480	10.50	10.42	101.86%	0.010	0.011	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	15.00	14.98	100.46%	0.081	0.082	-
	Back side	15	38	5190	15.00	14.73	106.41%	0.096	0.102	-
	Back side	15	46	5230	15.00	14.98	100.46%	0.125	0.126	255
WLAN 802.11a 5.3G	Front side	15	52	5260	15.50	15.49	100.23%	0.047	0.047	-
	Back side	15	52	5260	15.50	15.49	100.23%	0.115	0.115	256
	Back side	15	60	5300	15.50	15.39	102.57%	0.105	0.108	-
	Back side	15	64	5320	15.50	15.37	103.04%	0.085	0.088	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	12.50	12.49	100.23%	0.058	0.058	-
	Back side	15	106	5530	12.50	12.31	104.47%	0.089	0.093	-
	Back side	15	122	5610	12.50	12.38	102.80%	0.102	0.105	-
	Back side	15	138	5690	12.50	12.49	100.23%	0.112	0.112	257
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	14.00	13.98	100.46%	0.042	0.042	-
	Back side	15	155	5775	14.00	13.98	100.46%	0.105	0.105	258

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### WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	Front side	15	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Back side	15	37	2402	10.50	10.12	109.14%	0.001	0.001	-
	Back side	15	18	2442	10.50	10.44	101.39%	0.003	0.003	259
	Back side	15	39	2480	10.50	10.42	101.86%	0.002	0.002	-
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	18.50	18.49	100.23%	0.162	0.162	-
	Back side	15	52	5260	18.50	18.45	101.16%	0.356	0.360	-
	Back side	15	60	5300	18.50	18.49	100.23%	0.367	0.368	260
	Back side	15	64	5320	18.50	18.35	103.51%	0.311	0.322	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	19.00	18.98	100.46%	0.028	0.028	-
	Back side	15	155	5775	19.00	18.98	100.46%	0.242	0.243	261

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## Hotspot\_Calling mode

### WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	Front side	10	18	2442	10.50	10.44	101.39%	0.006	0.006	-
	Back side	10	37	2402	10.50	10.12	109.14%	0.031	0.034	-
	Back side	10	18	2442	10.50	10.44	101.39%	0.038	0.039	262
	Back side	10	39	2480	10.50	10.42	101.86%	0.023	0.024	-
	Top side	10	18	2442	10.50	10.44	101.39%	0.010	0.010	-
	Bottom side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Right side	10	18	2442	10.50	10.44	101.39%	0.002	0.002	-
	Left side	10	18	2442	10.50	10.44	101.39%	0.017	0.017	-
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	15.00	14.98	100.46%	0.112	0.113	-
	Back side	10	38	5190	15.00	14.73	106.41%	0.165	0.176	-
	Back side	10	46	5230	15.00	14.98	100.46%	0.171	0.172	263
	Top side	10	46	5230	15.00	14.98	100.46%	0.066	0.066	-
	Bottom side	10	46	5230	15.00	14.98	100.46%	0.001	0.001	-
	Right side	10	46	5230	15.00	14.98	100.46%	0.061	0.061	-
	Left side	10	46	5230	15.00	14.98	100.46%	0.021	0.021	-
WLAN 802.11a 5.3G	Front side	10	52	5260	15.50	15.49	100.23%	0.121	0.121	-
	Back side	10	52	5260	15.50	15.49	100.23%	0.175	0.175	264
	Back side	10	60	5300	15.50	15.39	102.57%	0.165	0.169	-
	Back side	10	64	5320	15.50	15.37	103.04%	0.159	0.164	-
	Top side	10	52	5260	15.50	15.49	100.23%	0.081	0.081	-
	Bottom side	10	52	5260	15.50	15.49	100.23%	0.002	0.002	-
	Right side	10	52	5260	15.50	15.49	100.23%	0.072	0.072	-
Left side	10	52	5260	15.50	15.49	100.23%	0.022	0.022	-	
WLAN 802.11ac(80M) 5.6G	Front side	10	138	5690	12.50	12.49	100.23%	0.088	0.088	-
	Back side	10	106	5530	12.50	12.31	104.47%	0.127	0.133	-
	Back side	10	122	5610	12.50	12.38	102.80%	0.132	0.136	-
	Back side	10	138	5690	12.50	12.49	100.23%	0.139	0.139	265
	Top side	10	138	5690	12.50	12.49	100.23%	0.050	0.050	-
	Bottom side	10	138	5690	12.50	12.49	100.23%	0.001	0.001	-
	Right side	10	138	5690	12.50	12.49	100.23%	0.051	0.051	-
	Left side	10	138	5690	12.50	12.49	100.23%	0.008	0.008	-
WLAN 802.11ac(80M) 5.8G	Front side	10	155	5775	14.00	13.98	100.46%	0.061	0.061	-
	Back side	10	155	5775	14.00	13.98	100.46%	0.125	0.126	266
	Top side	10	155	5775	14.00	13.98	100.46%	0.035	0.035	-
	Bottom side	10	155	5775	14.00	13.98	100.46%	0.001	0.001	-
	Right side	10	155	5775	14.00	13.98	100.46%	0.037	0.037	-
	Left side	10	155	5775	14.00	13.98	100.46%	0.013	0.013	-

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### WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	Front side	10	18	2442	10.50	10.44	101.39%	0.012	0.012	-
	Back side	10	37	2402	10.50	10.12	109.14%	0.008	0.009	-
	Back side	10	18	2442	10.50	10.44	101.39%	0.016	0.016	267
	Back side	10	39	2480	10.50	10.42	101.86%	0.012	0.013	-
	Top side	10	18	2442	10.50	10.44	101.39%	0.008	0.009	-
	Bottom side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Right side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Left side	10	18	2442	10.50	10.44	101.39%	0.008	0.008	-
WLAN 802.11n(20M) 5.3G	Front side	10	60	5300	18.50	18.49	100.23%	0.401	0.402	-
	Back side	10	52	5260	18.50	18.45	101.16%	0.798	0.807	-
	Back side	10	60	5300	18.50	18.49	100.23%	0.817	0.819	268
	Back side	10	64	5320	18.50	18.35	103.51%	0.745	0.771	-
	Back side*	10	60	5300	18.50	18.49	100.23%	0.781	0.783	-
	Top side	10	60	5300	18.50	18.49	100.23%	0.345	0.346	-
	Bottom side	10	60	5300	18.50	18.49	100.23%	0.092	0.092	-
	Right side	10	60	5300	18.50	18.49	100.23%	0.075	0.076	-
	Left side	10	60	5300	18.50	18.49	100.23%	0.196	0.196	-
WLAN 802.11ac(80M) 5.8G	Front side	10	155	5775	19.00	18.98	100.46%	0.366	0.368	-
	Back side	10	155	5775	19.00	18.98	100.46%	0.742	0.745	269
	Top side	10	155	5775	19.00	18.98	100.46%	0.342	0.344	-
	Bottom side	10	155	5775	19.00	18.98	100.46%	0.027	0.027	-
	Right side	10	155	5775	19.00	18.98	100.46%	0.034	0.034	-
	Left side	10	155	5775	19.00	18.98	100.46%	0.182	0.183	-

\* - repeated at the highest SAR measurement according to the KDB 865664 D01

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## Body-worn\_Camera mode

### WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	15.50	15.49	100.23%	0.043	0.044	-
	Back side	15	38	5190	15.50	15.33	103.99%	0.251	0.261	-
	Back side	15	46	5230	15.50	15.49	100.23%	0.283	0.284	270
WLAN 802.11a 5.3G	Front side	15	52	5260	17.50	17.49	100.23%	0.055	0.056	-
	Back side	15	52	5260	17.50	17.49	100.23%	0.551	0.552	271
	Back side	15	60	5300	17.50	17.35	103.51%	0.523	0.541	-
WLAN 802.11ac(80M) 5.6G	Back side	15	64	5320	17.50	17.31	104.47%	0.489	0.511	-
	Front side	15	138	5690	18.00	17.87	103.04%	0.023	0.024	-
	Back side	15	106	5530	17.00	15.45	142.89%	0.144	0.206	-
WLAN 802.11ac(80M) 5.8G	Back side	15	122	5610	18.00	17.86	103.28%	0.216	0.223	-
	Back side	15	138	5690	18.00	17.87	103.04%	0.243	0.250	272
	Front side	15	155	5775	18.00	17.78	105.20%	0.033	0.035	-
WLAN 802.11ac(80M) 5.8G	Back side	15	155	5775	18.00	17.78	105.20%	0.261	0.275	273

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### WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	16.00	15.99	100.23%	0.010	0.010	-
	Back side	15	38	5190	16.00	15.95	101.16%	0.103	0.104	-
	Back side	15	46	5230	16.00	15.99	100.23%	0.117	0.117	274
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	18.00	17.91	102.09%	0.021	0.022	-
	Back side	15	52	5260	18.00	17.72	106.66%	0.154	0.164	-
	Back side	15	60	5300	18.00	17.91	102.09%	0.182	0.186	275
	Back side	15	64	5320	18.00	17.65	108.39%	0.171	0.185	-
WLAN 802.11a 5.6G	Front side	15	100	5500	18.00	17.96	100.93%	0.080	0.081	-
	Back side	15	100	5500	18.00	17.96	100.93%	0.391	0.395	276
	Back side	15	120	5600	18.00	17.87	103.04%	0.342	0.352	-
	Back side	15	140	5700	18.00	17.88	102.80%	0.361	0.371	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	17.50	17.48	100.46%	0.016	0.016	-
	Back side	15	155	5775	17.50	17.48	100.46%	0.321	0.322	277

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## Hotspot\_Camera mode

### WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	15.50	15.49	100.23%	0.095	0.095	-
	Back side	10	38	5190	15.50	15.33	103.99%	0.687	0.714	-
	Back side	10	46	5230	15.50	15.49	100.23%	0.711	0.713	278
	Top side	10	46	5230	15.50	15.49	100.23%	0.132	0.132	-
	Bottom side	10	46	5230	15.50	15.49	100.23%	0.001	0.001	-
	Right side	10	46	5230	15.50	15.49	100.23%	0.013	0.013	-
	Left side	10	46	5230	15.50	15.49	100.23%	0.092	0.092	-
WLAN 802.11a 5.3G	Front side	10	52	5260	17.50	17.49	100.23%	0.122	0.122	-
	Back side	10	52	5260	17.50	17.49	100.23%	0.731	0.733	279
	Back side	10	60	5300	17.50	17.35	103.51%	0.702	0.727	-
	Back side	10	64	5320	17.50	17.31	104.47%	0.671	0.701	-
	Top side	10	52	5260	17.50	17.49	100.23%	0.147	0.147	-
	Bottom side	10	52	5260	17.50	17.49	100.23%	0.001	0.001	-
	Right side	10	52	5260	17.50	17.49	100.23%	0.031	0.031	-
WLAN 802.11ac(80M) 5.6G	Left side	10	52	5260	17.50	17.49	100.23%	0.112	0.112	-
	Front side	10	138	5690	18.00	17.87	103.04%	0.082	0.084	-
	Back side	10	106	5530	17.00	15.45	142.89%	0.318	0.454	-
	Back side	10	122	5610	18.00	17.86	103.28%	0.502	0.518	-
	Back side	10	138	5690	18.00	17.87	103.04%	0.578	0.596	280
	Top side	10	138	5690	18.00	17.87	103.04%	0.116	0.119	-
	Bottom side	10	138	5690	18.00	17.87	103.04%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Right side	10	138	5690	18.00	17.87	103.04%	0.024	0.025	-
	Left side	10	138	5690	18.00	17.87	103.04%	0.082	0.084	-
	Front side	10	155	5775	18.00	17.78	105.20%	0.102	0.107	-
	Back side	10	155	5775	18.00	17.78	105.20%	0.627	0.660	281
	Top side	10	155	5775	18.00	17.78	105.20%	0.102	0.107	-
	Bottom side	10	155	5775	18.00	17.78	105.20%	0.001	0.001	-
	Right side	10	155	5775	18.00	17.78	105.20%	0.020	0.021	-
Left side	10	155	5775	18.00	17.78	105.20%	0.072	0.076	-	

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### WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	16.00	15.99	100.23%	0.038	0.038	-
	Back side	10	38	5190	16.00	15.95	101.16%	0.171	0.173	-
	Back side	10	46	5230	16.00	15.99	100.23%	0.193	0.193	282
	Top side	10	46	5230	16.00	15.99	100.23%	0.003	0.003	-
	Bottom side	10	46	5230	16.00	15.99	100.23%	0.006	0.006	-
	Right side	10	46	5230	16.00	15.99	100.23%	0.003	0.003	-
WLAN 802.11n(20M) 5.3G	Left side	10	46	5230	16.00	15.99	100.23%	0.003	0.003	-
	Front side	10	52	5260	18.00	17.72	106.66%	0.052	0.056	-
	Back side	10	52	5260	18.00	17.72	106.66%	0.249	0.266	283
	Back side	10	60	5300	18.00	17.91	102.09%	0.222	0.227	-
	Back side	10	64	5320	18.00	17.65	108.39%	0.234	0.254	-
	Top side	10	52	5260	18.00	17.72	106.66%	0.002	0.002	-
	Bottom side	10	52	5260	18.00	17.72	106.66%	0.072	0.076	-
WLAN 802.11a 5.6G	Right side	10	52	5260	18.00	17.72	106.66%	0.058	0.062	-
	Left side	10	52	5260	18.00	17.72	106.66%	0.003	0.003	-
	Front side	10	100	5500	18.00	17.96	100.93%	0.043	0.044	-
	Back side	10	100	5500	18.00	17.96	100.93%	0.740	0.747	284
	Back side	10	120	5600	18.00	17.87	103.04%	0.711	0.732	-
	Back side	10	140	5700	18.00	17.88	102.80%	0.680	0.699	-
	Top side	10	100	5500	18.00	17.96	100.93%	0.003	0.003	-
	Bottom side	10	100	5500	18.00	17.96	100.93%	0.102	0.103	-
WLAN 802.11ac(80M) 5.8G	Right side	10	100	5500	18.00	17.96	100.93%	0.086	0.087	-
	Left side	10	100	5500	18.00	17.96	100.93%	0.006	0.006	-
	Front side	10	155	5775	17.50	17.48	100.46%	0.083	0.083	-
	Back side	10	155	5775	17.50	17.48	100.46%	0.765	0.769	285
	Top side	10	155	5775	17.50	17.48	100.46%	0.001	0.001	-
	Bottom side	10	155	5775	17.50	17.48	100.46%	0.153	0.154	-
Right side	10	155	5775	17.50	17.48	100.46%	0.067	0.067	-	
Left side	10	155	5775	17.50	17.48	100.46%	0.020	0.020	-	

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## Hotspot\_Gaming mode

### WLAN Ant 7 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	18.00	16.76	133.05%	0.038	0.051	-
	Back side	10	38	5190	18.00	16.25	149.62%	0.189	0.283	-
	Back side	10	46	5230	18.00	16.76	133.05%	0.219	0.291	286
	Top side	10	46	5230	18.00	16.76	133.05%	0.003	0.004	-
	Bottom side	10	46	5230	18.00	16.76	133.05%	0.007	0.009	-
	Right side	10	46	5230	18.00	16.76	133.05%	0.034	0.046	-
	Left side	10	46	5230	18.00	16.76	133.05%	0.001	0.002	-
WLAN 802.11n(20M) 5.3G	Front side	10	60	5300	20.00	19.71	106.91%	0.092	0.099	-
	Back side	10	52	5260	20.00	19.52	111.69%	0.412	0.460	-
	Back side	10	60	5300	20.00	19.71	106.91%	0.488	0.522	287
	Back side	10	64	5320	20.00	18.35	146.22%	0.334	0.488	-
	Top side	10	60	5300	20.00	19.71	106.91%	0.006	0.006	-
	Bottom side	10	60	5300	20.00	19.71	106.91%	0.015	0.016	-
	Right side	10	60	5300	20.00	19.71	106.91%	0.067	0.072	-
WLAN 802.11a 5.6G	Left side	10	60	5300	20.00	19.71	106.91%	0.002	0.002	-
	Front side	10	100	5500	20.00	19.76	105.68%	0.067	0.071	-
	Back side	10	100	5500	20.00	19.76	105.68%	0.316	0.334	288
	Back side	10	120	5600	20.00	19.57	110.41%	0.272	0.300	-
	Back side	10	140	5700	20.00	19.58	110.15%	0.215	0.237	-
	Top side	10	100	5500	20.00	19.76	105.68%	0.012	0.013	-
	Bottom side	10	100	5500	20.00	19.76	105.68%	0.014	0.015	-
WLAN 802.11ac(80M) 5.8G	Right side	10	100	5500	20.00	19.76	105.68%	0.054	0.057	-
	Left side	10	100	5500	20.00	19.76	105.68%	0.002	0.002	-
	Front side	10	155	5775	20.00	19.63	108.89%	0.112	0.122	-
	Back side	10	155	5775	20.00	19.63	108.89%	0.552	0.601	289
	Top side	10	155	5775	20.00	19.63	108.89%	0.026	0.029	-
	Bottom side	10	155	5775	20.00	19.63	108.89%	0.022	0.024	-
	Right side	10	155	5775	20.00	19.63	108.89%	0.082	0.090	-
Left side	10	155	5775	20.00	19.63	108.89%	0.003	0.003	-	

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**MIMO+DBS\_with WWAN**

**Head\_Calling mode**

**WLAN Ant 4 (Chain 0)**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	16.50	16.45	101.16%	0.222	0.225	-
	Re Tilt	-	1	2412	16.50	16.45	101.16%	0.102	0.103	-
	LE Cheek	-	1	2412	16.50	16.45	101.16%	0.461	0.466	290
	LE Cheek	-	6	2437	16.50	16.38	102.80%	0.412	0.424	-
	LE Cheek	-	11	2462	16.50	16.41	102.09%	0.423	0.432	-
Bluetooth (GFSK)	RE Cheek	-	18	2442	10.50	10.44	101.39%	0.192	0.195	-
	Re Tilt	-	18	2442	10.50	10.44	101.39%	0.072	0.073	-
	LE Cheek	-	37	2402	10.50	10.12	109.14%	0.205	0.224	-
	LE Cheek	-	18	2442	10.50	10.44	101.39%	0.232	0.235	291
	LE Cheek	-	39	2480	10.50	10.42	101.86%	0.173	0.176	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	46	5230	13.00	12.98	100.46%	0.218	0.219	-
	Re Tilt	-	46	5230	13.00	12.98	100.46%	0.103	0.103	-
	LE Cheek	-	38	5190	13.00	12.83	103.99%	0.411	0.427	-
	LE Cheek	-	46	5230	13.00	12.98	100.46%	0.445	0.447	292
	LE Tilt	-	46	5230	13.00	12.98	100.46%	0.151	0.152	-
WLAN 802.11a 5.3G	RE Cheek	-	52	5260	13.50	13.39	102.57%	0.202	0.207	-
	Re Tilt	-	52	5260	13.50	13.39	102.57%	0.058	0.060	-
	LE Cheek	-	52	5260	13.50	13.39	102.57%	0.444	0.455	293
	LE Cheek	-	60	5300	13.50	13.47	100.69%	0.424	0.427	-
	LE Cheek	-	64	5320	13.50	13.21	106.91%	0.398	0.425	-
WLAN 802.11ac(80M) 5.6G	RE Cheek	-	52	5260	13.50	13.39	102.57%	0.132	0.135	-
	RE Cheek	-	138	5690	10.50	10.49	100.23%	0.251	0.252	-
	Re Tilt	-	138	5690	10.50	10.49	100.23%	0.132	0.132	-
	LE Cheek	-	106	5530	10.50	10.38	102.80%	0.408	0.419	-
	LE Cheek	-	122	5610	10.50	10.28	105.20%	0.432	0.454	-
WLAN 802.11ac(80M) 5.8G	LE Cheek	-	138	5690	10.50	10.49	100.23%	0.465	0.466	294
	LE Tilt	-	138	5690	10.50	10.49	100.23%	0.192	0.192	-
	RE Cheek	-	155	5775	12.00	11.97	100.69%	0.172	0.173	-
	Re Tilt	-	155	5775	12.00	11.97	100.69%	0.053	0.054	-
	LE Cheek	-	155	5775	12.00	11.97	100.69%	0.428	0.431	295
WLAN 802.11ac(80M) 5.8G	LE Cheek	-	155	5775	12.00	11.97	100.69%	0.123	0.124	-
	LE Tilt	-	155	5775	12.00	11.97	100.69%	0.123	0.124	-

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### WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	16.50	16.13	108.89%	0.151	0.164	-
	RE Cheek	-	6	2437	16.50	16.41	102.09%	0.192	0.196	296
	RE Cheek	-	11	2462	16.50	16.35	103.51%	0.162	0.168	-
	Re Tilt	-	6	2437	16.50	16.41	102.09%	0.059	0.060	-
	LE Cheek	-	6	2437	16.50	16.41	102.09%	0.080	0.082	-
Bluetooth (GFSK)	LE Tilt	-	6	2437	16.50	16.41	102.09%	0.044	0.045	-
	RE Cheek	-	37	2402	10.50	10.12	109.14%	0.031	0.034	-
	RE Cheek	-	18	2442	10.50	10.44	101.39%	0.049	0.050	297
	RE Cheek	-	39	2480	10.50	10.42	101.86%	0.045	0.046	-
	Re Tilt	-	18	2442	10.50	10.44	101.39%	0.023	0.023	-
WLAN 802.11n(40M) 5.2G	LE Cheek	-	18	2442	10.50	10.44	101.39%	0.029	0.030	-
	LE Tilt	-	18	2442	10.50	10.44	101.39%	0.015	0.015	-
	RE Cheek	-	38	5190	14.50	14.22	106.66%	0.013	0.014	-
	RE Cheek	-	46	5230	14.50	14.46	100.93%	0.019	0.019	298
	Re Tilt	-	46	5230	14.50	14.46	100.93%	0.007	0.007	-
WLAN 802.11n(20M) 5.3G	LE Cheek	-	46	5230	14.50	14.46	100.93%	0.010	0.010	-
	LE Tilt	-	46	5230	14.50	14.46	100.93%	0.004	0.004	-
	RE Cheek	-	52	5260	16.00	15.82	104.23%	0.030	0.031	299
	RE Cheek	-	60	5300	16.00	15.96	100.93%	0.026	0.026	-
	RE Cheek	-	64	5320	16.00	15.65	108.39%	0.021	0.023	-
WLAN 802.11a 5.6G	Re Tilt	-	60	5300	16.00	15.96	100.93%	0.011	0.012	-
	LE Cheek	-	60	5300	16.00	15.96	100.93%	0.012	0.012	-
	LE Tilt	-	60	5300	16.00	15.96	100.93%	0.006	0.006	-
	RE Cheek	-	100	5500	16.50	16.46	100.93%	0.067	0.068	300
	RE Cheek	-	120	5600	16.50	16.37	103.04%	0.044	0.045	-
WLAN 802.11ac(80M) 5.8G	RE Cheek	-	140	5700	16.50	16.38	102.80%	0.042	0.043	-
	Re Tilt	-	100	5500	16.50	16.46	100.93%	0.026	0.026	-
	LE Cheek	-	100	5500	16.50	16.46	100.93%	0.035	0.035	-
	LE Tilt	-	100	5500	16.50	16.46	100.93%	0.015	0.015	-
	RE Cheek	-	155	5775	16.50	16.43	101.62%	0.172	0.175	301
WLAN 802.11ac(80M) 5.8G	Re Tilt	-	155	5775	16.50	16.43	101.62%	0.071	0.072	-
	LE Cheek	-	155	5775	16.50	16.43	101.62%	0.091	0.093	-
	LE Tilt	-	155	5775	16.50	16.43	101.62%	0.042	0.043	-

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## Body-worn\_Calling mode

### WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	16.50	16.45	101.16%	0.020	0.020	-
	Back side	15	1	2412	16.50	16.45	101.16%	0.060	0.061	-
	Back side	15	6	2437	16.50	16.38	102.80%	0.062	0.064	-
	Back side	15	11	2462	16.50	16.41	102.09%	0.073	0.075	302
Bluetooth (GFSK)	Front side	15	18	2442	10.50	10.44	101.39%	0.002	0.002	-
	Back side	15	37	2402	10.50	10.12	109.14%	0.007	0.008	-
	Back side	15	18	2442	10.50	10.44	101.39%	0.014	0.014	303
WLAN 802.11n(40M) 5.2G	Back side	15	39	2480	10.50	10.42	101.86%	0.010	0.011	-
	Front side	15	46	5230	13.00	12.98	100.46%	0.061	0.061	-
	Back side	15	38	5190	13.00	12.83	103.99%	0.062	0.065	-
WLAN 802.11a 5.3G	Back side	15	46	5230	13.00	12.98	100.46%	0.079	0.080	304
	Front side	15	52	5260	13.50	13.39	102.57%	0.029	0.030	-
	Back side	15	52	5260	13.50	13.39	102.57%	0.075	0.077	305
	Back side	15	60	5300	13.50	13.47	100.69%	0.062	0.063	-
WLAN 802.11ac(80M) 5.6G	Back side	15	64	5320	13.50	13.21	106.91%	0.051	0.055	-
	Front side	15	138	5690	10.50	10.49	100.23%	0.051	0.051	-
	Back side	15	106	5530	10.50	10.38	102.80%	0.063	0.065	-
	Back side	15	122	5610	10.50	10.28	105.20%	0.046	0.049	-
WLAN 802.11ac(80M) 5.8G	Back side	15	138	5690	10.50	10.49	100.23%	0.071	0.071	306
	Front side	15	155	5775	12.00	11.97	100.69%	0.057	0.058	-
	Back side	15	155	5775	12.00	11.97	100.69%	0.072	0.073	307

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### WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	6	2437	16.50	16.41	102.09%	0.005	0.005	-
	Back side	15	1	2412	16.50	16.13	108.89%	0.013	0.015	-
	Back side	15	6	2437	16.50	16.41	102.09%	0.017	0.018	-
	Back side	15	11	2462	16.50	16.35	103.51%	0.027	0.028	308
Bluetooth (GFSK)	Front side	15	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Back side	15	37	2402	10.50	10.12	109.14%	0.001	0.001	-
	Back side	15	18	2442	10.50	10.44	101.39%	0.003	0.003	309
	Back side	15	39	2480	10.50	10.42	101.86%	0.002	0.002	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	14.50	14.46	100.93%	0.052	0.053	-
	Back side	15	38	5190	14.50	14.22	106.66%	0.080	0.085	-
	Back side	15	46	5230	14.50	14.46	100.93%	0.126	0.127	310
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	16.00	15.96	100.93%	0.092	0.093	-
	Back side	15	52	5260	16.00	15.82	104.23%	0.202	0.211	-
	Back side	15	60	5300	16.00	15.96	100.93%	0.217	0.219	311
	Back side	15	64	5320	16.00	15.65	108.39%	0.182	0.197	-
WLAN 802.11a 5.6G	Front side	15	100	5500	16.50	16.46	100.93%	0.026	0.026	-
	Back side	15	100	5500	16.50	16.46	100.93%	0.092	0.093	312
	Back side	15	120	5600	16.50	16.37	103.04%	0.081	0.084	-
	Back side	15	140	5700	16.50	16.38	102.80%	0.071	0.073	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	16.50	16.43	101.62%	0.023	0.024	-
	Back side	15	155	5775	16.50	16.43	101.62%	0.142	0.144	313

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## Hotspot\_Calling mode

### WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	10	1	2412	16.50	16.45	101.16%	0.049	0.050	-
	Back side	10	1	2412	16.50	16.45	101.16%	0.102	0.103	-
	Back side	10	6	2437	16.50	16.38	102.80%	0.132	0.136	-
	Back side	10	11	2462	16.50	16.41	102.09%	0.151	0.154	314
	Top side	10	1	2412	16.50	16.45	101.16%	0.082	0.083	-
	Bottom side	10	1	2412	16.50	16.45	101.16%	0.001	0.001	-
	Right side	10	1	2412	16.50	16.45	101.16%	0.010	0.010	-
	Left side	10	1	2412	16.50	16.45	101.16%	0.055	0.056	-
Bluetooth (GFSK)	Front side	10	18	2442	10.50	10.44	101.39%	0.006	0.006	-
	Back side	10	37	2402	10.50	10.12	109.14%	0.032	0.035	-
	Back side	10	18	2442	10.50	10.44	101.39%	0.038	0.039	315
	Back side	10	39	2480	10.50	10.42	101.86%	0.022	0.023	-
	Top side	10	18	2442	10.50	10.44	101.39%	0.010	0.010	-
	Bottom side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Right side	10	18	2442	10.50	10.44	101.39%	0.002	0.002	-
	Left side	10	18	2442	10.50	10.44	101.39%	0.017	0.017	-
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	13.00	12.98	100.46%	0.034	0.034	-
	Back side	10	38	5190	13.00	12.83	103.99%	0.091	0.095	-
	Back side	10	46	5230	13.00	12.98	100.46%	0.102	0.102	316
	Top side	10	46	5230	13.00	12.98	100.46%	0.036	0.036	-
	Bottom side	10	46	5230	13.00	12.98	100.46%	0.001	0.001	-
	Right side	10	46	5230	13.00	12.98	100.46%	0.040	0.040	-
WLAN 802.11a 5.3G	Front side	10	52	5260	13.50	13.39	102.57%	0.067	0.069	-
	Back side	10	52	5260	13.50	13.39	102.57%	0.111	0.114	317
	Back side	10	60	5300	13.50	13.47	100.69%	0.102	0.103	-
	Back side	10	64	5320	13.50	13.21	106.91%	0.098	0.105	-
	Top side	10	52	5260	13.50	13.39	102.57%	0.051	0.053	-
	Bottom side	10	52	5260	13.50	13.39	102.57%	0.002	0.002	-
	Right side	10	52	5260	13.50	13.39	102.57%	0.042	0.043	-
	Left side	10	52	5260	13.50	13.39	102.57%	0.017	0.017	-
WLAN 802.11ac(80M) 5.6G	Front side	10	138	5690	10.50	10.49	100.23%	0.053	0.053	-
	Back side	10	106	5530	10.50	10.38	102.80%	0.080	0.082	-
	Back side	10	122	5610	10.50	10.28	105.20%	0.083	0.088	-
	Back side	10	138	5690	10.50	10.49	100.23%	0.087	0.087	318
	Top side	10	138	5690	10.50	10.49	100.23%	0.012	0.012	-
	Bottom side	10	138	5690	10.50	10.49	100.23%	0.001	0.001	-
	Right side	10	138	5690	10.50	10.49	100.23%	0.042	0.042	-
	Left side	10	138	5690	10.50	10.49	100.23%	0.005	0.005	-
WLAN 802.11ac(80M) 5.8G	Front side	10	155	5775	12.00	11.97	100.69%	0.038	0.038	-
	Back side	10	155	5775	12.00	11.97	100.69%	0.077	0.078	319
	Top side	10	155	5775	12.00	11.97	100.69%	0.025	0.025	-
	Bottom side	10	155	5775	12.00	11.97	100.69%	0.001	0.001	-
	Right side	10	155	5775	12.00	11.97	100.69%	0.022	0.022	-
	Left side	10	155	5775	12.00	11.97	100.69%	0.006	0.006	-

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### WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	10	6	2437	16.50	16.41	102.09%	0.042	0.043	-
	Back side	10	1	2412	16.50	16.13	108.89%	0.047	0.051	-
	Back side	10	6	2437	16.50	16.41	102.09%	0.053	0.054	-
	Back side	10	11	2462	16.50	16.35	103.51%	0.060	0.062	320
	Top side	10	6	2437	16.50	16.41	102.09%	0.030	0.031	-
	Bottom side	10	6	2437	16.50	16.41	102.09%	0.001	0.001	-
	Right side	10	6	2437	16.50	16.41	102.09%	0.003	0.003	-
Bluetooth (GFSK)	Left side	10	6	2437	16.50	16.41	102.09%	0.025	0.026	-
	Front side	10	18	2442	10.50	10.44	101.39%	0.012	0.012	-
	Back side	10	37	2402	10.50	10.12	109.14%	0.008	0.009	-
	Back side	10	18	2442	10.50	10.44	101.39%	0.016	0.016	321
	Back side	10	39	2480	10.50	10.42	101.86%	0.012	0.013	-
	Top side	10	18	2442	10.50	10.44	101.39%	0.008	0.009	-
	Bottom side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
WLAN 802.11n(40M) 5.2G	Right side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Left side	10	18	2442	10.50	10.44	101.39%	0.008	0.008	-
	Front side	10	46	5230	14.50	14.46	100.93%	0.172	0.174	-
	Back side	10	38	5190	14.50	14.22	106.66%	0.312	0.333	-
	Back side	10	46	5230	14.50	14.46	100.93%	0.352	0.355	322
	Top side	10	46	5230	14.50	14.46	100.93%	0.177	0.179	-
WLAN 802.11n(20M) 5.3G	Bottom side	10	46	5230	14.50	14.46	100.93%	0.052	0.053	-
	Right side	10	46	5230	14.50	14.46	100.93%	0.032	0.032	-
	Left side	10	46	5230	14.50	14.46	100.93%	0.048	0.049	-
	Front side	10	60	5300	16.00	15.96	100.93%	0.222	0.224	-
	Back side	10	52	5260	16.00	15.82	104.23%	0.424	0.442	-
	Back side	10	60	5300	16.00	15.96	100.93%	0.462	0.466	323
	Back side	10	64	5320	16.00	15.65	108.39%	0.418	0.453	-
WLAN 802.11a 5.6G	Top side	10	60	5300	16.00	15.96	100.93%	0.201	0.203	-
	Bottom side	10	60	5300	16.00	15.96	100.93%	0.054	0.055	-
	Right side	10	60	5300	16.00	15.96	100.93%	0.044	0.044	-
	Left side	10	60	5300	16.00	15.96	100.93%	0.119	0.120	-
	Front side	10	100	5500	16.50	16.46	100.93%	0.147	0.148	-
	Back side	10	100	5500	16.50	16.46	100.93%	0.308	0.311	324
	Back side	10	120	5600	16.50	16.37	103.04%	0.281	0.290	-
WLAN 802.11ac(80M) 5.8G	Back side	10	140	5700	16.50	16.38	102.80%	0.296	0.304	-
	Top side	10	100	5500	16.50	16.46	100.93%	0.112	0.113	-
	Bottom side	10	100	5500	16.50	16.46	100.93%	0.036	0.036	-
	Right side	10	100	5500	16.50	16.46	100.93%	0.013	0.013	-
	Left side	10	100	5500	16.50	16.46	100.93%	0.042	0.043	-
	Front side	10	155	5775	16.50	16.43	101.62%	0.204	0.207	-
WLAN 802.11ac(80M) 5.8G	Back side	10	155	5775	16.50	16.43	101.62%	0.400	0.406	325
	Top side	10	155	5775	16.50	16.43	101.62%	0.182	0.185	-
	Bottom side	10	155	5775	16.50	16.43	101.62%	0.016	0.016	-
	Right side	10	155	5775	16.50	16.43	101.62%	0.017	0.017	-
	Left side	10	155	5775	16.50	16.43	101.62%	0.059	0.060	-
	Front side	10	155	5775	16.50	16.43	101.62%	0.059	0.060	-

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## Body-worn\_Camera mode

### WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	16.00	15.95	101.16%	0.009	0.009	-
	Back side	15	1	2412	16.00	15.95	101.16%	0.030	0.030	326
	Back side	15	6	2437	16.00	15.73	106.41%	0.024	0.026	-
	Back side	15	11	2462	16.00	15.80	104.71%	0.019	0.020	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	13.50	13.46	100.93%	0.032	0.032	-
	Back side	15	38	5190	13.50	13.32	104.23%	0.161	0.168	-
	Back side	15	46	5230	13.50	13.46	100.93%	0.179	0.181	327
WLAN 802.11a 5.3G	Front side	15	52	5260	15.50	15.48	100.46%	0.035	0.035	-
	Back side	15	52	5260	15.50	15.48	100.46%	0.352	0.354	328
	Back side	15	60	5300	15.50	15.39	102.57%	0.340	0.349	-
	Back side	15	64	5320	15.50	15.31	104.47%	0.302	0.316	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	16.00	15.99	100.23%	0.014	0.014	-
	Back side	15	106	5530	16.00	15.45	113.50%	0.112	0.127	-
	Back side	15	122	5610	16.00	15.97	100.69%	0.124	0.125	-
	Back side	15	138	5690	16.00	15.99	100.23%	0.152	0.152	329
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	16.00	15.88	102.80%	0.019	0.020	-
	Back side	15	155	5775	16.00	15.88	102.80%	0.162	0.167	330

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### WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	6	2437	16.00	15.91	102.09%	0.001	0.001	-
	Back side	15	1	2412	16.00	15.89	102.57%	0.030	0.031	-
	Back side	15	6	2437	16.00	15.91	102.09%	0.040	0.040	-
	Back side	15	11	2462	16.00	15.75	105.93%	0.045	0.048	331
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	14.00	13.98	100.46%	0.006	0.006	-
	Back side	15	38	5190	14.00	13.90	102.33%	0.057	0.058	-
	Back side	15	46	5230	14.00	13.98	100.46%	0.075	0.076	332
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	16.00	15.98	100.46%	0.014	0.014	-
	Back side	15	52	5260	16.00	15.82	104.23%	0.104	0.108	-
	Back side	15	60	5300	16.00	15.98	100.46%	0.118	0.119	333
	Back side	15	64	5320	16.00	15.90	102.33%	0.102	0.104	-
WLAN 802.11a 5.6G	Front side	15	100	5500	16.00	15.98	100.46%	0.051	0.051	-
	Back side	15	100	5500	16.00	15.98	100.46%	0.242	0.243	334
	Back side	15	120	5600	16.00	15.85	103.51%	0.216	0.224	-
	Back side	15	140	5700	16.00	15.90	102.33%	0.227	0.232	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	16.00	15.93	101.62%	0.023	0.024	-
	Back side	15	155	5775	16.00	15.93	101.62%	0.213	0.216	335

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## Hotspot\_Camera mode

### WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	10	1	2412	16.00	15.95	101.16%	0.035	0.035	-
	Back side	10	1	2412	16.00	15.95	101.16%	0.089	0.090	336
	Back side	10	6	2437	16.00	15.73	106.41%	0.082	0.087	-
	Back side	10	11	2462	16.00	15.80	104.71%	0.073	0.077	-
	Top side	10	1	2412	16.00	15.95	101.16%	0.072	0.073	-
	Bottom side	10	1	2412	16.00	15.95	101.16%	0.001	0.001	-
	Right side	10	1	2412	16.00	15.95	101.16%	0.002	0.002	-
WLAN 802.11n(40M) 5.2G	Left side	10	1	2412	16.00	15.95	101.16%	0.025	0.026	-
	Front side	10	46	5230	13.50	13.46	100.93%	0.043	0.043	-
	Back side	10	38	5190	13.50	13.32	104.23%	0.412	0.429	-
	Back side	10	46	5230	13.50	13.46	100.93%	0.442	0.446	337
	Top side	10	46	5230	13.50	13.46	100.93%	0.064	0.065	-
	Bottom side	10	46	5230	13.50	13.46	100.93%	0.001	0.001	-
	Right side	10	46	5230	13.50	13.46	100.93%	0.016	0.016	-
WLAN 802.11a 5.3G	Left side	10	46	5230	13.50	13.46	100.93%	0.047	0.048	-
	Front side	10	52	5260	15.50	15.48	100.46%	0.076	0.077	-
	Back side	10	52	5260	15.50	15.48	100.46%	0.457	0.459	338
	Back side	10	60	5300	15.50	15.39	102.57%	0.436	0.447	-
	Back side	10	64	5320	15.50	15.31	104.47%	0.429	0.448	-
	Top side	10	52	5260	15.50	15.48	100.46%	0.084	0.084	-
	Bottom side	10	52	5260	15.50	15.48	100.46%	0.001	0.001	-
WLAN 802.11ac(80M) 5.6G	Right side	10	52	5260	15.50	15.48	100.46%	0.019	0.019	-
	Left side	10	52	5260	15.50	15.48	100.46%	0.072	0.073	-
	Front side	10	138	5690	16.00	15.99	100.23%	0.046	0.046	-
	Back side	10	106	5530	16.00	15.45	113.50%	0.326	0.370	-
	Back side	10	122	5610	16.00	15.97	100.69%	0.327	0.329	-
	Back side	10	138	5690	16.00	15.99	100.23%	0.373	0.374	339
	Top side	10	138	5690	16.00	15.99	100.23%	0.054	0.054	-
WLAN 802.11ac(80M) 5.8G	Bottom side	10	138	5690	16.00	15.99	100.23%	0.001	0.001	-
	Right side	10	138	5690	16.00	15.99	100.23%	0.012	0.012	-
	Left side	10	138	5690	16.00	15.99	100.23%	0.050	0.050	-
	Front side	10	155	5775	16.00	15.88	102.80%	0.026	0.027	-
	Back side	10	155	5775	16.00	15.88	102.80%	0.401	0.412	340
	Top side	10	155	5775	16.00	15.88	102.80%	0.043	0.045	-
	Bottom side	10	155	5775	16.00	15.88	102.80%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Right side	10	155	5775	16.00	15.88	102.80%	0.013	0.014	-
	Left side	10	155	5775	16.00	15.88	102.80%	0.045	0.046	-

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### WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	10	6	2437	16.00	15.91	102.09%	0.011	0.011	-
	Back side	10	1	2412	16.00	15.89	102.57%	0.019	0.020	-
	Back side	10	6	2437	16.00	15.91	102.09%	0.023	0.024	-
	Back side	10	11	2462	16.00	15.75	105.93%	0.030	0.032	341
	Top side	10	6	2437	16.00	15.91	102.09%	0.001	0.001	-
	Bottom side	10	6	2437	16.00	15.91	102.09%	0.006	0.006	-
	Right side	10	6	2437	16.00	15.91	102.09%	0.002	0.002	-
WLAN 802.11n(40M) 5.2G	Left side	10	6	2437	16.00	15.91	102.09%	0.007	0.007	-
	Front side	10	46	5230	14.00	13.98	100.46%	0.042	0.042	-
	Back side	10	38	5190	14.00	13.90	102.33%	0.102	0.104	-
	Back side	10	46	5230	14.00	13.98	100.46%	0.118	0.119	342
	Top side	10	46	5230	14.00	13.98	100.46%	0.001	0.001	-
	Bottom side	10	46	5230	14.00	13.98	100.46%	0.004	0.004	-
	Right side	10	46	5230	14.00	13.98	100.46%	0.002	0.002	-
WLAN 802.11n(20M) 5.3G	Left side	10	46	5230	14.00	13.98	100.46%	0.002	0.002	-
	Front side	10	52	5260	16.00	15.82	104.23%	0.037	0.038	-
	Back side	10	52	5260	16.00	15.82	104.23%	0.151	0.157	343
	Back side	10	60	5300	16.00	15.98	100.46%	0.136	0.137	-
	Back side	10	64	5320	16.00	15.90	102.33%	0.124	0.127	-
	Top side	10	52	5260	16.00	15.82	104.23%	0.001	0.001	-
	Bottom side	10	52	5260	16.00	15.82	104.23%	0.047	0.049	-
WLAN 802.11a 5.6G	Right side	10	52	5260	16.00	15.82	104.23%	0.036	0.038	-
	Left side	10	52	5260	16.00	15.82	104.23%	0.002	0.002	-
	Front side	10	100	5500	16.00	15.98	100.46%	0.032	0.032	-
	Back side	10	100	5500	16.00	15.98	100.46%	0.361	0.363	344
	Back side	10	120	5600	16.00	15.85	103.51%	0.442	0.458	-
	Back side	10	140	5700	16.00	15.90	102.33%	0.421	0.431	-
	Top side	10	100	5500	16.00	15.98	100.46%	0.002	0.002	-
WLAN 802.11ac(80M) 5.8G	Bottom side	10	100	5500	16.00	15.98	100.46%	0.065	0.066	-
	Right side	10	100	5500	16.00	15.98	100.46%	0.024	0.024	-
	Left side	10	100	5500	16.00	15.98	100.46%	0.004	0.004	-
	Front side	10	155	5775	16.00	15.93	101.62%	0.053	0.054	-
	Back side	10	155	5775	16.00	15.93	101.62%	0.422	0.429	345
	Top side	10	155	5775	16.00	15.93	101.62%	0.003	0.003	-
WLAN 802.11ac(80M) 5.8G	Bottom side	10	155	5775	16.00	15.93	101.62%	0.100	0.102	-
	Right side	10	155	5775	16.00	15.93	101.62%	0.043	0.043	-
	Left side	10	155	5775	16.00	15.93	101.62%	0.013	0.013	-

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## MIMO+DBS\_without WWAN

### Head\_Calling mode

#### WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	17.00	16.95	101.16%	0.301	0.304	-
	Re Tilt	-	1	2412	17.00	16.95	101.16%	0.105	0.106	-
	LE Cheek	-	1	2412	17.00	16.95	101.16%	0.551	0.557	346
	LE Cheek	-	6	2437	17.00	16.73	106.41%	0.512	0.545	-
	LE Cheek	-	11	2462	17.00	16.72	106.66%	0.517	0.551	-
	LE Tilt	-	1	2412	17.00	16.95	101.16%	0.223	0.226	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	46	5230	13.50	13.48	100.46%	0.352	0.354	-
	Re Tilt	-	46	5230	13.50	13.48	100.46%	0.114	0.115	-
	LE Cheek	-	38	5190	13.50	13.43	101.62%	0.517	0.525	-
	LE Cheek	-	46	5230	13.50	13.48	100.46%	0.555	0.558	347
	LE Tilt	-	46	5230	13.50	13.48	100.46%	0.209	0.210	-
	LE Cheek	-	52	5260	14.00	13.99	100.23%	0.225	0.226	-
WLAN 802.11a 5.3G	RE Cheek	-	52	5260	14.00	13.99	100.23%	0.065	0.065	-
	Re Tilt	-	52	5260	14.00	13.99	100.23%	0.557	0.558	348
	LE Cheek	-	52	5260	14.00	13.99	100.23%	0.527	0.553	-
	LE Cheek	-	60	5300	14.00	13.79	104.95%	0.506	0.521	-
	LE Cheek	-	64	5320	14.00	13.87	103.04%	0.145	0.145	-
	LE Tilt	-	52	5260	14.00	13.99	100.23%	0.375	0.377	-
WLAN 802.11ac(80M) 5.6G	RE Cheek	-	138	5690	11.00	10.98	100.46%	0.172	0.173	-
	Re Tilt	-	138	5690	11.00	10.98	100.46%	0.434	0.451	-
	LE Cheek	-	106	5530	11.00	10.83	103.99%	0.516	0.526	-
	LE Cheek	-	122	5610	11.00	10.92	101.86%	0.568	0.571	349
	LE Cheek	-	138	5690	11.00	10.98	100.46%	0.217	0.218	-
	LE Tilt	-	138	5690	11.00	10.98	100.46%	0.059	0.059	-
WLAN 802.11ac(80M) 5.8G	RE Cheek	-	155	5775	12.50	12.49	100.23%	0.512	0.513	350
	Re Tilt	-	155	5775	12.50	12.49	100.23%	0.178	0.178	-
	LE Cheek	-	155	5775	12.50	12.49	100.23%	0.178	0.178	-
	LE Tilt	-	155	5775	12.50	12.49	100.23%			-

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## Body-worn\_Calling mode

### WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	17.00	16.95	101.16%	0.022	0.022	-
	Back side	15	1	2412	17.00	16.95	101.16%	0.067	0.067	-
	Back side	15	6	2437	17.00	16.73	106.41%	0.068	0.073	-
	Back side	15	11	2462	17.00	16.72	106.66%	0.082	0.087	351
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	13.50	13.48	100.46%	0.041	0.041	-
	Back side	15	38	5190	13.50	13.43	101.62%	0.071	0.072	-
	Back side	15	46	5230	13.50	13.48	100.46%	0.087	0.087	352
WLAN 802.11a 5.3G	Front side	15	52	5260	14.00	13.99	100.23%	0.031	0.031	-
	Back side	15	52	5260	14.00	13.99	100.23%	0.085	0.085	353
	Back side	15	60	5300	14.00	13.79	104.95%	0.062	0.065	-
	Back side	15	64	5320	14.00	13.87	103.04%	0.051	0.053	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	11.00	10.98	100.46%	0.053	0.053	-
	Back side	15	106	5530	11.00	10.83	103.99%	0.065	0.068	-
	Back side	15	122	5610	11.00	10.92	101.86%	0.052	0.053	-
	Back side	15	138	5690	11.00	10.98	100.46%	0.082	0.082	354
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	12.50	12.49	100.23%	0.055	0.055	-
	Back side	15	155	5775	12.50	12.49	100.23%	0.082	0.082	355

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## Body-worn\_Camera mode

### WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	14.50	14.47	100.69%	0.043	0.044	-
	Back side	15	38	5190	14.50	14.33	103.99%	0.189	0.197	-
	Back side	15	46	5230	14.50	14.47	100.69%	0.226	0.228	356
WLAN 802.11a 5.3G	Front side	15	52	5260	16.50	16.39	102.57%	0.048	0.049	-
	Back side	15	52	5260	16.50	16.39	102.57%	0.445	0.456	357
	Back side	15	60	5300	16.50	16.25	105.93%	0.411	0.435	-
	Back side	15	64	5320	16.50	16.31	104.47%	0.382	0.399	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	17.00	16.97	100.69%	0.014	0.014	-
	Back side	15	106	5530	17.00	15.45	142.89%	0.144	0.206	-
	Back side	15	122	5610	17.00	16.86	103.28%	0.173	0.179	-
	Back side	15	138	5690	17.00	16.97	100.69%	0.211	0.212	358
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	17.00	16.98	100.46%	0.024	0.024	-
	Back side	15	155	5775	17.00	16.98	100.46%	0.215	0.216	359

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### WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	15.00	14.96	100.93%	0.008	0.008	-
	Back side	15	38	5190	15.00	14.75	105.93%	0.088	0.094	-
	Back side	15	46	5230	15.00	14.96	100.93%	0.095	0.096	360
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	17.00	16.71	106.91%	0.018	0.019	-
	Back side	15	52	5260	17.00	16.89	102.57%	0.131	0.134	-
	Back side	15	60	5300	17.00	16.71	106.91%	0.148	0.158	361
	Back side	15	64	5320	17.00	16.65	108.39%	0.139	0.150	-
WLAN 802.11a 5.6G	Front side	15	100	5500	17.00	16.96	100.93%	0.064	0.065	-
	Back side	15	100	5500	17.00	16.96	100.93%	0.315	0.318	362
	Back side	15	120	5600	17.00	16.87	103.04%	0.283	0.292	-
	Back side	15	140	5700	17.00	16.90	102.33%	0.289	0.295	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	16.00	15.83	103.99%	0.010	0.011	-
	Back side	15	155	5775	16.00	15.83	103.99%	0.204	0.212	363

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**WLAN only**

**Product specific 10-g SAR\_Calling mode**

**WLAN Ant 4 (Chain 0)**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	0	1	2412	20.00	19.75	105.93%	0.724	0.767	-
	Back side	0	1	2412	20.00	19.75	105.93%	0.941	0.997	-
	Back side	0	6	2437	20.00	19.53	111.43%	0.821	0.915	-
	Back side	0	11	2462	20.00	19.70	107.15%	1.080	1.157	364
	Top side	0	1	2412	20.00	19.75	105.93%	0.522	0.553	-
	Bottom side	0	1	2412	20.00	19.75	105.93%	0.007	0.008	-
	Right side	0	1	2412	20.00	19.75	105.93%	0.479	0.507	-
	Left side	0	1	2412	20.00	19.75	105.93%	0.223	0.236	-
Bluetooth (GFSK)	Front side	0	18	2442	14.00	13.54	111.17%	0.212	0.236	-
	Back side	0	37	2402	14.00	12.82	131.22%	0.209	0.274	-
	Back side	0	18	2442	14.00	13.54	111.17%	0.301	0.335	365
	Back side	0	39	2480	13.00	11.42	143.88%	0.129	0.186	-
	Top side	0	18	2442	14.00	13.54	111.17%	0.143	0.159	-
	Bottom side	0	18	2442	14.00	13.54	111.17%	0.002	0.003	-
	Right side	0	18	2442	14.00	13.54	111.17%	0.102	0.113	-
	Left side	0	18	2442	14.00	13.54	111.17%	0.082	0.091	-
WLAN 802.11n(40M) 5.2G	Front side	0	46	5230	16.50	16.48	100.46%	0.563	0.566	-
	Back side	0	38	5190	16.50	16.03	111.43%	0.612	0.682	-
	Back side	0	46	5230	16.50	16.48	100.46%	0.731	0.734	366
	Top side	0	46	5230	16.50	16.48	100.46%	0.388	0.390	-
	Bottom side	0	46	5230	16.50	16.48	100.46%	0.006	0.006	-
	Right side	0	46	5230	16.50	16.48	100.46%	0.331	0.333	-
	Left side	0	46	5230	16.50	16.48	100.46%	0.164	0.165	-
WLAN 802.11a 5.3G	Front side	0	52	5260	17.00	16.99	100.23%	0.580	0.581	-
	Back side	0	52	5260	17.00	16.99	100.23%	0.846	0.848	367
	Back side	0	60	5300	17.00	16.79	104.95%	0.742	0.779	-
	Back side	0	64	5320	17.00	16.87	103.04%	0.632	0.651	-
	Top side	0	52	5260	17.00	16.99	100.23%	0.431	0.432	-
	Bottom side	0	52	5260	17.00	16.99	100.23%	0.007	0.007	-
	Right side	0	52	5260	17.00	16.99	100.23%	0.413	0.414	-
	Left side	0	52	5260	17.00	16.99	100.23%	0.207	0.207	-
WLAN 802.11ac(80M) 5.6G	Front side	0	138	5690	14.00	13.99	100.23%	0.293	0.294	-
	Back side	0	106	5530	14.00	13.78	105.20%	0.253	0.266	-
	Back side	0	122	5610	14.00	13.88	102.80%	0.291	0.299	-
	Back side	0	138	5690	14.00	13.99	100.23%	0.320	0.321	368
	Top side	0	138	5690	14.00	13.99	100.23%	0.209	0.209	-
	Bottom side	0	138	5690	14.00	13.99	100.23%	0.003	0.003	-
	Right side	0	138	5690	14.00	13.99	100.23%	0.201	0.201	-
	Left side	0	138	5690	14.00	13.99	100.23%	0.093	0.093	-
WLAN 802.11ac(80M) 5.8G	Front side	0	155	5775	15.50	15.48	100.46%	0.312	0.313	-
	Back side	0	155	5775	15.50	15.48	100.46%	0.381	0.383	369
	Top side	0	155	5775	15.50	15.48	100.46%	0.254	0.255	-
	Bottom side	0	155	5775	15.50	15.48	100.46%	0.005	0.005	-
	Right side	0	155	5775	15.50	15.48	100.46%	0.211	0.212	-
	Left side	0	155	5775	15.50	15.48	100.46%	0.105	0.105	-

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### WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	0	6	2437	20.00	19.61	109.40%	0.471	0.515	-
	Back side	0	1	2412	20.00	19.49	112.46%	0.412	0.463	-
	Back side	0	6	2437	20.00	19.61	109.40%	0.567	0.620	-
	Back side	0	11	2462	20.00	19.55	110.92%	0.518	0.575	370
	Top side	0	6	2437	20.00	19.61	109.40%	0.382	0.418	-
	Bottom side	0	6	2437	20.00	19.61	109.40%	0.119	0.130	-
	Right side	0	6	2437	20.00	19.61	109.40%	0.101	0.110	-
	Left side	0	6	2437	20.00	19.61	109.40%	0.212	0.232	-
Bluetooth (GFSK)	Front side	0	18	2442	14.00	13.54	111.17%	0.073	0.081	-
	Back side	0	37	2402	14.00	12.82	131.22%	0.083	0.109	-
	Back side	0	18	2442	14.00	13.54	111.17%	0.108	0.120	371
	Back side	0	39	2480	13.00	11.42	143.88%	0.064	0.092	-
	Top side	0	18	2442	14.00	13.54	111.17%	0.061	0.068	-
	Bottom side	0	18	2442	14.00	13.54	111.17%	0.050	0.056	-
	Right side	0	18	2442	14.00	13.54	111.17%	0.032	0.036	-
	Left side	0	18	2442	14.00	13.54	111.17%	0.053	0.059	-
WLAN 802.11n(40M) 5.2G	Front side	0	46	5230	18.00	16.76	133.05%	0.563	0.749	-
	Back side	0	38	5190	18.00	16.25	149.62%	0.637	0.953	-
	Back side	0	46	5230	18.00	16.76	133.05%	0.735	0.978	372
	Top side	0	46	5230	18.00	16.76	133.05%	0.427	0.568	-
	Bottom side	0	46	5230	18.00	16.76	133.05%	0.092	0.122	-
	Right side	0	46	5230	18.00	16.76	133.05%	0.083	0.110	-
	Left side	0	46	5230	18.00	16.76	133.05%	0.216	0.287	-
WLAN 802.11n(20M) 5.3G	Front side	0	60	5300	19.50	19.49	100.23%	0.812	0.814	-
	Back side	0	52	5260	19.50	19.42	101.86%	0.926	0.943	-
	Back side	0	60	5300	19.50	19.49	100.23%	1.020	1.022	373
	Back side	0	64	5320	19.50	18.35	130.32%	0.725	0.945	-
	Top side	0	60	5300	19.50	19.49	100.23%	0.592	0.593	-
	Bottom side	0	60	5300	19.50	19.49	100.23%	0.139	0.139	-
	Right side	0	60	5300	19.50	19.49	100.23%	0.126	0.126	-
	Left side	0	60	5300	19.50	19.49	100.23%	0.328	0.329	-
WLAN 802.11a 5.6G	Front side	0	100	5500	20.00	19.76	105.68%	0.628	0.664	-
	Back side	0	100	5500	20.00	19.76	105.68%	0.845	0.893	374
	Back side	0	120	5600	20.00	19.57	110.41%	0.793	0.876	-
	Back side	0	140	5700	20.00	19.58	110.15%	0.801	0.882	-
	Top side	0	100	5500	20.00	19.76	105.68%	0.462	0.488	-
	Bottom side	0	100	5500	20.00	19.76	105.68%	0.120	0.127	-
	Right side	0	100	5500	20.00	19.76	105.68%	0.108	0.114	-
	Left side	0	100	5500	20.00	19.76	105.68%	0.239	0.253	-
WLAN 802.11ac(80M) 5.8G	Front side	0	155	5775	20.00	19.63	108.89%	0.929	1.012	-
	Back side	0	155	5775	20.00	19.63	108.89%	1.070	1.165	375
	Top side	0	155	5775	20.00	19.63	108.89%	0.693	0.755	-
	Bottom side	0	155	5775	20.00	19.63	108.89%	0.166	0.181	-
	Right side	0	155	5775	20.00	19.63	108.89%	0.142	0.155	-
	Left side	0	155	5775	20.00	19.63	108.89%	0.354	0.385	-

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**WLAN only**

**Product specific 10-g SAR\_Camera mode**

**WLAN Ant 6 (Chain 0)**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	0	1	2412	20.00	19.75	105.93%	0.089	0.094	-
	Back side	0	1	2412	20.00	19.75	105.93%	0.727	0.770	376
	Back side	0	6	2437	20.00	19.53	111.43%	0.643	0.716	-
	Back side	0	11	2462	20.00	19.70	107.15%	0.598	0.641	-
	Top side	0	1	2412	20.00	19.75	105.93%	0.118	0.125	-
	Bottom side	0	1	2412	20.00	19.75	105.93%	0.001	0.002	-
	Right side	0	1	2412	20.00	19.75	105.93%	0.102	0.108	-
	Left side	0	1	2412	20.00	19.75	105.93%	0.067	0.071	-
Bluetooth (GFSK)	Front side	0	18	2442	14.00	13.54	111.17%	0.022	0.024	-
	Back side	0	37	2402	14.00	12.82	131.22%	0.201	0.264	-
	Back side	0	18	2442	14.00	13.54	111.17%	0.258	0.287	377
	Back side	0	39	2480	13.00	11.42	143.88%	0.163	0.235	-
	Top side	0	18	2442	14.00	13.54	111.17%	0.094	0.104	-
	Bottom side	0	18	2442	14.00	13.54	111.17%	0.001	0.001	-
	Right side	0	18	2442	14.00	13.54	111.17%	0.081	0.090	-
	Left side	0	18	2442	14.00	13.54	111.17%	0.052	0.058	-
WLAN 802.11n(40M) 5.2G	Front side	0	46	5230	17.50	16.57	123.88%	0.243	0.301	-
	Back side	0	38	5190	17.50	16.03	140.28%	0.598	0.839	-
	Back side	0	46	5230	17.50	16.57	123.88%	0.738	0.914	378
	Top side	0	46	5230	17.50	16.57	123.88%	0.382	0.473	-
	Bottom side	0	46	5230	17.50	16.57	123.88%	0.002	0.003	-
	Right side	0	46	5230	17.50	16.57	123.88%	0.210	0.260	-
	Left side	0	46	5230	17.50	16.57	123.88%	0.052	0.065	-
WLAN 802.11a 5.3G	Front side	0	52	5260	19.50	18.99	112.46%	0.432	0.486	-
	Back side	0	52	5260	19.50	18.99	112.46%	1.060	1.192	379
	Back side	0	60	5300	19.50	18.82	116.95%	0.927	1.084	-
	Back side	0	64	5320	19.50	18.81	117.22%	0.918	1.076	-
	Top side	0	52	5260	19.50	18.99	112.46%	0.485	0.545	-
	Bottom side	0	52	5260	19.50	18.99	112.46%	0.003	0.003	-
	Right side	0	52	5260	19.50	18.99	112.46%	0.251	0.282	-
	Left side	0	52	5260	19.50	18.99	112.46%	0.063	0.071	-
WLAN 802.11ac(80M) 5.6G	Front side	0	138	5690	20.00	19.17	121.06%	0.416	0.503	-
	Back side	0	106	5530	17.00	15.45	142.89%	0.426	0.609	-
	Back side	0	122	5610	20.00	19.16	121.34%	0.835	1.013	-
	Back side	0	138	5690	20.00	19.17	121.06%	0.907	1.098	380
	Top side	0	138	5690	20.00	19.17	121.06%	0.362	0.438	-
	Bottom side	0	138	5690	20.00	19.17	121.06%	0.002	0.002	-
	Right side	0	138	5690	20.00	19.17	121.06%	0.217	0.263	-
	Left side	0	138	5690	20.00	19.17	121.06%	0.052	0.063	-
WLAN 802.11ac(80M) 5.8G	Front side	0	155	5775	20.00	19.48	112.72%	0.407	0.459	-
	Back side	0	155	5775	20.00	19.48	112.72%	1.020	1.150	381
	Top side	0	155	5775	20.00	19.48	112.72%	0.370	0.417	-
	Bottom side	0	155	5775	20.00	19.48	112.72%	0.002	0.002	-
	Right side	0	155	5775	20.00	19.48	112.72%	0.222	0.250	-
	Left side	0	155	5775	20.00	19.48	112.72%	0.053	0.060	-

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### WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	0	6	2437	20.00	19.61	109.40%	0.043	0.047	-
	Back side	0	1	2412	20.00	19.49	112.46%	0.429	0.482	-
	Back side	0	6	2437	20.00	19.61	109.40%	0.452	0.494	-
	Back side	0	11	2462	20.00	19.55	110.92%	0.473	0.525	382
	Top side	0	6	2437	20.00	19.61	109.40%	0.002	0.003	-
	Bottom side	0	6	2437	20.00	19.61	109.40%	0.064	0.070	-
	Right side	0	6	2437	20.00	19.61	109.40%	0.037	0.041	-
	Left side	0	6	2437	20.00	19.61	109.40%	0.008	0.009	-
Bluetooth (GFSK)	Front side	0	18	2442	14.00	13.54	111.17%	0.018	0.020	-
	Back side	0	37	2402	14.00	12.82	131.22%	0.104	0.136	-
	Back side	0	18	2442	14.00	13.54	111.17%	0.132	0.147	383
	Back side	0	39	2480	13.00	11.42	143.88%	0.093	0.134	-
	Top side	0	18	2442	14.00	13.54	111.17%	0.001	0.001	-
	Bottom side	0	18	2442	14.00	13.54	111.17%	0.026	0.029	-
	Right side	0	18	2442	14.00	13.54	111.17%	0.013	0.014	-
	Left side	0	18	2442	14.00	13.54	111.17%	0.004	0.004	-
WLAN 802.11n(40M) 5.2G	Front side	0	46	5230	18.00	16.76	133.05%	0.037	0.049	-
	Back side	0	38	5190	18.00	16.25	149.62%	0.299	0.447	-
	Back side	0	46	5230	18.00	16.76	133.05%	0.341	0.454	384
	Top side	0	46	5230	18.00	16.76	133.05%	0.002	0.003	-
	Bottom side	0	46	5230	18.00	16.76	133.05%	0.050	0.066	-
	Right side	0	46	5230	18.00	16.76	133.05%	0.027	0.036	-
	Left side	0	46	5230	18.00	16.76	133.05%	0.006	0.008	-
WLAN 802.11n(20M) 5.3G	Front side	0	60	5300	20.00	19.71	106.91%	0.049	0.053	-
	Back side	0	52	5260	20.00	19.52	111.69%	0.396	0.442	-
	Back side	0	60	5300	20.00	19.71	106.91%	0.423	0.452	385
	Back side	0	64	5320	20.00	18.35	146.22%	0.279	0.408	-
	Top side	0	60	5300	20.00	19.71	106.91%	0.005	0.005	-
	Bottom side	0	60	5300	20.00	19.71	106.91%	0.060	0.064	-
	Right side	0	60	5300	20.00	19.71	106.91%	0.043	0.046	-
	Left side	0	60	5300	20.00	19.71	106.91%	0.007	0.007	-
WLAN 802.11a 5.6G	Front side	0	100	5500	20.00	19.76	105.68%	0.095	0.101	-
	Back side	0	100	5500	20.00	19.76	105.68%	1.210	1.279	386
	Back side	0	120	5600	20.00	19.57	110.41%	1.070	1.181	-
	Back side	0	140	5700	20.00	19.58	110.15%	1.020	1.124	-
	Top side	0	100	5500	20.00	19.76	105.68%	0.014	0.015	-
	Bottom side	0	100	5500	20.00	19.76	105.68%	0.294	0.311	-
	Right side	0	100	5500	20.00	19.76	105.68%	0.127	0.134	-
	Left side	0	100	5500	20.00	19.76	105.68%	0.019	0.020	-
WLAN 802.11ac(80M) 5.8G	Front side	0	155	5775	19.00	18.83	103.99%	0.056	0.059	-
	Back side	0	155	5775	19.00	18.83	103.99%	0.506	0.526	387
	Top side	0	155	5775	19.00	18.83	103.99%	0.008	0.008	-
	Bottom side	0	155	5775	19.00	18.83	103.99%	0.182	0.189	-
	Right side	0	155	5775	19.00	18.83	103.99%	0.098	0.102	-
	Left side	0	155	5775	19.00	18.83	103.99%	0.017	0.017	-

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**WLAN only**

**Product specific 10-g SAR\_Camera mode**

**WLAN Ant 7 (Chain 1)**

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	0	46	5230	18.00	16.76	133.05%	0.100	0.133	-
	Back side	0	38	5190	18.00	16.25	149.62%	0.481	0.720	-
	Back side	0	46	5230	18.00	16.76	133.05%	0.551	0.733	388
	Top side	0	46	5230	18.00	16.76	133.05%	0.008	0.011	-
	Bottom side	0	46	5230	18.00	16.76	133.05%	0.018	0.024	-
	Right side	0	46	5230	18.00	16.76	133.05%	0.097	0.128	-
WLAN 802.11n(20M) 5.3G	Left side	0	46	5230	18.00	16.76	133.05%	0.003	0.004	-
	Front side	0	60	5300	20.00	19.71	106.91%	0.207	0.221	-
	Back side	0	52	5260	20.00	19.52	111.69%	1.030	1.150	-
	Back side	0	60	5300	20.00	19.71	106.91%	1.150	1.229	389
	Back side	0	64	5320	20.00	18.35	146.22%	0.753	1.101	-
	Top side	0	60	5300	20.00	19.71	106.91%	0.015	0.016	-
	Bottom side	0	60	5300	20.00	19.71	106.91%	0.033	0.035	-
WLAN 802.11a 5.6G	Right side	0	60	5300	20.00	19.71	106.91%	0.174	0.186	-
	Left side	0	60	5300	20.00	19.71	106.91%	0.005	0.005	-
	Front side	0	100	5500	20.00	19.76	105.68%	0.106	0.112	-
	Back side	0	100	5500	20.00	19.76	105.68%	0.496	0.524	390
	Back side	0	120	5600	20.00	19.57	110.41%	0.461	0.509	-
	Back side	0	140	5700	20.00	19.58	110.15%	0.469	0.517	-
	Top side	0	100	5500	20.00	19.76	105.68%	0.006	0.007	-
WLAN 802.11ac(80M) 5.8G	Bottom side	0	100	5500	20.00	19.76	105.68%	0.018	0.019	-
	Right side	0	100	5500	20.00	19.76	105.68%	0.094	0.099	-
	Left side	0	100	5500	20.00	19.76	105.68%	0.004	0.004	-
	Front side	0	155	5775	20.00	19.63	108.89%	0.059	0.064	-
	Back side	0	155	5775	20.00	19.63	108.89%	0.282	0.307	391
	Top side	0	155	5775	20.00	19.63	108.89%	0.005	0.006	-
WLAN 802.11ac(80M) 5.8G	Bottom side	0	155	5775	20.00	19.63	108.89%	0.009	0.010	-
	Right side	0	155	5775	20.00	19.63	108.89%	0.054	0.058	-
	Left side	0	155	5775	20.00	19.63	108.89%	0.002	0.002	-

**Note:**

$$\text{Scaling} = \frac{\text{reported SAR}}{\text{measured SAR}} = \frac{P_2(\text{mW})}{P_1(\text{mW})} = 10^{\left(\frac{P_2 - P_1}{10}\right)} (\text{dBm})$$

Reported SAR = measured SAR \* (scaling)

Where P2 is maximum specified power, P1 is measured conducted power

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### 2.3 Supplemental Head SAR results

#### WWAN only

#### WWAN

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-TuneRate 126	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130
WCDMA BS	WCDMA	824	4122	1.4	0	REC	0mm	0.108	0.108	0.092	0.054	0.011	0.087	0.035	0.079	0.029	0.014	0.055	0.074	0.027	0.027	0.071	0.071	0.071	0.050	0.080	0.041	0.101	0.070	0.09	0.103	0.074	0.011			
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 12	QPSK	704	2380	1	0	REC	0mm	0.113	0.115	0.102	0.1	0.104	0.079	0.058	0.064	0.113	0.068	0.081	0.097	0.1	0.067	0.062	0.093	0.058	0.087	0.062	0.09	0.057	0.076	0.058	0.087	0.064	0.072			
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 13	QPSK	728	2320	1	0	REC	0mm	0.131	0.134	0.048	0.12	0.123	0.074	0.081	0.056	0.055	0.111	0.074	0.038	0.092	0.133	0.063	0.048	0.075	0.068	0.11	0.132	0.044	0.122	0.131	0.048	0.069	0.112			
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 26	QPSK	821.5	2676	1	0	REC	0mm	0.117	0.12	0.066	0.11	0.093	0.091	0.096	0.065	0.115	0.073	0.1	0.092	0.112	0.107	0.064	0.078	0.114	0.071	0.087	0.093	0.097	0.104	0.077	0.063	0.066	0.084			
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 71	QPSK	673	13222	1	0	REC	0mm	0.143	0.145	0.139	0.132	0.117	0.14	0.107	0.128	0.12	0.083	0.076	0.068	0.082	0.065	0.14	0.082	0.075	0.077	0.068	0.144	0.08	0.08	0.1	0.125	0.06	0.066			

#### ENDC

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-TuneRate 30	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85									
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 12	QPSK	704	2380	1	0	REC	0mm	0.113	0.106	0.112	0.115	0.082	0.067	0.074	0.115	0.085	0.069	0.112	0.108	0.074	0.094	0.103	0.075	0.101	0.079	0.105	0.069	0.091	0.066	0.107	0.114	0.079	0.083			
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 26	QPSK	821.5	2676	1	0	REC	0mm	0.117	0.075	0.115	0.098	0.093	0.096	0.071	0.119	0.079	0.102	0.101	0.115	0.11	0.071	0.081	0.114	0.071	0.1	0.081	0.114	0.071	0.1	0.081	0.114					
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
FDD-r8	QPSK	836.5	16730	1	0	REC	0mm	0.077	0.0151	0.0141	0.0081	0.0101	0.0121	0.0151	0.0141	0.0131	0.0151	0.0131	0.0151	0.0131	0.0151	0.0131	0.0151	0.0131	0.0151	0.0131	0.0151	0.0131	0.0151	0.0131	0.0151	0.0131	0.0151			
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
FDD-r7	QPSK	673	13460	1	1	REC	0mm	0.040	0.0098	0.00456	0.00393	0.00923	0.00862	0.00426	0.00276	0.00701	0.00364	0.0019	0.00602	0.00298	0.00741	0.00933	0.00645	0.00943	0.00796	0.00525	0.00933	0.00645	0.00943	0.00796	0.00525	0.00933				

#### Inter ULCA

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-TuneRate 111	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85									
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 12	QPSK	704	2380	1	0	REC	0mm	0.062	0.075	0.037	0.011	0.025	0.013	0.057	0.031	0.05	0.007	0.046	0.051	0.056	0.042	0.067	0.026	0.014	0.053	0.013										
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 26	QPSK	821.5	2676	1	0	REC	0mm	0.071	0.0591	0.041	0.0171	0.0681	0.0211	0.0601	0.0601	0.0191	0.0011	0.0261	0.0601	0.0391	0.0331	0.0011	0.0691	0.0691	0.0401	0.0011	0.0691	0.0401	0.0011	0.0691						

#### WWAN with WLAN calling

#### WWAN standalone

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-TuneRate 126	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85									
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
WCDMA BS	WCDMA	824	4122	1.4	0	REC	0mm	0.104	0.108	0.092	0.054	0.011	0.087	0.035	0.079	0.029	0.014	0.055	0.074	0.027	0.027	0.071	0.071	0.071	0.050	0.080	0.041	0.101	0.070	0.09	0.103	0.074	0.011			
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 12	QPSK	704	2380	1	0	REC	0mm	0.113	0.115	0.102	0.1	0.104	0.079	0.058	0.064	0.113	0.068	0.081	0.097	0.1	0.067	0.062	0.093	0.058	0.087	0.062	0.09	0.057	0.076	0.058	0.087	0.064	0.072			
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 13	QPSK	728	2320	1	0	REC	0mm	0.131	0.134	0.048	0.12	0.123	0.074	0.081	0.056	0.055	0.111	0.074	0.038	0.092	0.133	0.063	0.048	0.075	0.068	0.11	0.132	0.044	0.122	0.131	0.048	0.069	0.112			
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 26	QPSK	821.5	2676	1	0	REC	0mm	0.117	0.12	0.066	0.11	0.093	0.091	0.096	0.065	0.115	0.073	0.1	0.092	0.112	0.107	0.064	0.078	0.114	0.071	0.087	0.093	0.097	0.104	0.077	0.063	0.066	0.084			
Mode	Modulation	Frequency (MHz) <td>Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td></td>	Channel <td>RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td></td>	RB Size <td>RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td></td>	RB Offset <td>Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td></td>	Test position <td>Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td> </td>	Test distance <td>Measured 1g SAR (W/kg)</td> <td colspan="28">Average Value of Time Sweep (W/kg)</td>	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 71	QPSK	673	13222	1	0	REC	0mm	0.143	0.145	0.139	0.132	0.117	0.14	0.107	0.128	0.12	0.083	0.076	0.068	0.082	0.065	0.14	0.082	0.075	0.077	0.068	0.144	0.08	0.08	0.1	0.125	0.06	0.066			

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Inter ULCA

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 72)																			
LTE Band 12	QPSK	704	23060	1	0	Back side	15mm	0.162	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51		
									0.154	0.134	0.116	0.091	0.044	0.078	0.066	0.116	0.147	0.003	0.064	0.071	0.123	0.14	0.021	0.035	0.06	0.117	0.103	
									0.052	0.116	0.149	0.11	0.257	0.069	0.114	0.167	0.132	0.173	0.181	0.263	0.127	0.167	0.078	0.003	0.078	0.078	0.078	0.175
									0.012	0.135	0.001	0.088	0.084	0.1	0.148	0.057	0.075	0.029	0.102	0.131	0.13	0.046	0.077	0.098	0.085	0.145		

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 31)																			
LTE Band 26	QPSK	821.5	28760	1	0	Back side	15mm	0.184	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52		
									0.196	0.052	0.116	0.149	0.11	0.257	0.069	0.114	0.167	0.132	0.173	0.181	0.263	0.127	0.167	0.078	0.003	0.078	0.078	0.175
									0.052	0.116	0.149	0.11	0.257	0.069	0.114	0.167	0.132	0.173	0.181	0.263	0.127	0.167	0.078	0.003	0.078	0.078	0.175	
									0.07	0.111	0.016	0.136	0.06	0.042	0.046	0.093	0.147	0.115	0.13	0.143	0.135	0.127	0.159	0.093	0.043	0.172		

### WWAN+WLAN calling

### WWAN standalone (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																								
									Auto-Tune(state 120)																								
WCDMA BS	FDD 12.2 KHz	946.6	423	na	na	Front	10mm	0.217	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51							
									0.23	0.34	0.074	0.033	0.4	0.18	0.211	0.023	0.446	0.077	0.243	0.184	0.099	0.448	0.105	0.397	0.16	0.257	0.378	0.335	0.554	0.065	0.129	0.20	
									0.208	0.098	0.174	0.122	0.203	0.109	0.139	0.173	0.088	0.116	0.023	0.023	0.049	0.192	0.116	0.03	0.176	0.063	0.049	0.044	0.204	0.12	0.142	0.004	0.078
									0.352	0.254	0.111	0.231	0.15	0.153	0.024	0.255	0.047	0.109	0.28	0.05	0.028	0.001	0.334	0.12	0.075	0.242	0.107	0.044	0.327	0.108	0.319	0.300	

### ENDC (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 52)																			
LTE Band 5	QPSK	829	20450	1	0	Front	10mm	0.208	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68		
									0.21	0.077	0.003	0.009	0.09	0.07	0.129	0.124	0.169	0.124	0.09	0.156	0.177	0.012	0.208	0.016	0.053	0.1	0.056	
									0.028	0.143	0.127	0.179	0.126	0.164	0.202	0.031	0.117	0.042	0.115	0.206	0.112	0.008	0.05	0.115	0.118	0.193		
									0.111	0.164	0.135	0.061	0.073	0.026	0.09	0.097	0.192	0.085	0.002	0.204	0.039	0.001	0.025	0.063	0.146	0.034		

### Inter ULCA (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 114)																			
LTE Band 12	QPSK	704	23060	1	0	Front side	10mm	0.142	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51		
									0.088	0.003	0.132	0.135	0.018	0.032	0.115	0.08	0.063	0.138	0.1	0.134	0.079	0.046	0.113	0.069	0.02	0.043		
									0.058	0.135	0.019	0.13	0.048	0.057	0.11	0.021	0.085	0.078	0.035	0.054	0.102	0.012	0.057	0.002	0.009	0.141		
									0.101	0.112	0.143	0.083	0.122	0.006	0.01	0.107	0.11	0.109	0.106	0.017								

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 130)																			
LTE Band 26	QPSK	821.5	28760	1	0	Front side	10mm	0.246	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52		
									0.255	0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.021	0.069	0.001	0.045	0.231	0.195	0.165	0.223	0.06	0.078	0.145	
									0.05	0.58	0.1	0.4	0.7	0.7	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10.0	10.3	10.6		
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## WWAN+WLAN camera

### WWAN standalone (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-Tune(state 78)																											
WCDMA BS	FM-C 12.2 Kbps	846.5	4233	na	na	Front	10mm	0.558	0.607	0.161	0.092	0.127	0.413	0.523	0.209	0.302	0.016	0.066	0.477	0.456	0.03	0.139	0.584	0.498	0.197	0.337	0.529	0.299	0.259	0.114	120	126	132	138		
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 19)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103	109	115	121	127	133	139	145	151	157	163	169	175	181	187	193			
LTE Band 12	QPSK	704	23060	1	0	Front	10mm	0.195	0.208	0.086	0.174	0.122	0.205	0.109	0.199	0.179	0.088	0.116	0.028	0.022	0.049	0.102	0.116	0.03	0.176	0.088	0.048	0.044	0.204	0.12	0.142	0.004	0.079			
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 104)	2	8	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116	122	128	134	140	146	152	158	164	170	176	182	188				
LTE Band 13	QPSK	782	23230	1	0	Front	10mm	0.332	0.352	0.254	0.311	0.231	0.12	0.159	0.024	0.325	0.047	0.108	0.28	0.068	0.038	0.001	0.334	0.12	0.075	0.242	0.342	0.197	0.044	0.32	0.108	0.319	0.302			
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 91)	3	9	15	21	27	33	39	45	51	57	63	69	75	81	87	93	99	105	111	117	123	129	135	141	147	153	159	165	171	177	183					
LTE Band 26	QPSK	821.5	26786	1	0	Front	10mm	0.481	0.426	0.272	0.392	0.287	0.242	0.137	0.237	0.086	0.156	0.224	0.28	0.341	0.101	0.081	0.42	0.096	0.355	0.044	0.088	0.15	0.25	0.419	0.069	0.1	0.388			
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 26)	5	11	17	23	29	35	41	47	53	59	65	71	77	83	89	95	101	107	113	119	125	131	137	143	149	155	161	167	173	179	185					
LTE Band 21	QPSK	673	133222	1	0	Front	10mm	0.197	0.214	0.117	0.137	0.198	0.209	0.209	0.21	0.081	0.095	0.129	0.17	0.047	0.13	0.182	0.128	0.075	0.019	0.071	0.03	0.128	0.126	0.186	0.173	0.025	0.123			

### ENDC (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-Tune(state 120)																											
LTE Band 5	QPSK	829	20450	1	0	Front	10mm	0.148	0.148	0.139	0.113	0.108	0.116	0.095	0.07	0.025	0.131	0.138	0.146	0.052	0.001	0.063	0.039	0.021	0.084	0.043	0.052	0.021	0.60	64	68	72				
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 21)	1	5	9	13	17	21	25	29	33	37	41	45	49	53	57	61	65	69	73	77	81	85	89	93	97	101	105	109	113	117	121					
LTE Band 12	QPSK	704	23060	1	0	Front	10mm	0.248	0.217	0.016	0.074	0.237	0.218	0.121	0.132	0.198	0.169	0.159	0.045	0.055	0.162	0.165	0.027	0.013	0.178	0.114	0.108	0.14	0.108	0.14	0.108	0.14				
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 10)	2	6	10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	94	98	102	106	110	114	118						
FRI n6	QPSK	836.5	167300	1	53	Front	10mm	0.08	0.0863	0.009	0.0609	0.0239	0.0769	0.0309	0.0829	0.0499	0.0319	0.0229	0.0479	0.0269	0.0079	0.0599	0.0369	0.0259	0.0469	0.0269	0.0099	0.0599	0.0369	0.0259	0.0469					
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 107)	3	7	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119						
FRI n71	QPSK	673	134600	1	1	Front	10mm	0.026	0.0095	0.0195	0.0215	0.0045	0.0195	0.0085	0.0055	0.0015	0.0055	0.0015	0.0265	0.0245	0.0265	0.0145	0.0205	0.0035	0.0075	0.0135	0.39	143	147	151	155					

### Inter ULCA (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-Tune(state 114)																											
LTE Band 12	QPSK	704	23060	1	0	Front side	10mm	0.142	0.148	0.088	0.003	0.3	0.32	0.135	0.018	0.032	0.115	0.038	0.063	0.138	0.11	0.134	0.079	0.046	0.113	0.069	0.02	0.043	0.053	0.02	0.043					
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 7)	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	76	79	82	85	88						
LTE Band 26	QPSK	821.5	26786	1	0	Front side	10mm	0.248	0.252	0.214	0.127	0.065	0.061	0.13	0.168	0.075	0.031	0.068	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145	0.102	0.145	0.102	0.145					
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 7)	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	76	79	82	85	88						
LTE Band 26	QPSK	821.5	26786	1	0	Front side	10mm	0.248	0.252	0.214	0.127	0.065	0.061	0.13	0.168	0.075	0.031	0.068	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145	0.102	0.145	0.102	0.145					
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 7)	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	76	79	82	85	88						
LTE Band 26	QPSK	821.5	26786	1	0	Front side	10mm	0.248	0.252	0.214	0.127	0.065	0.061	0.13	0.168	0.075	0.031	0.068	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145	0.102	0.145	0.102	0.145					
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 7)	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	76	79	82	85	88						
LTE Band 26	QPSK	821.5	26786	1	0	Front side	10mm	0.248	0.252	0.214	0.127	0.065	0.061	0.13	0.168	0.075	0.031	0.068	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145	0.102	0.145	0.102	0.145					

## WWAN+WLAN normal

### WWAN standalone (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-Tune(state 120)																											
WCDMA BS	FM-C 12.2 Kbps	846.5	4233	na	na	Front	10mm	0.558	0.607	0.161	0.092	0.127	0.413	0.523	0.209	0.302	0.016	0.066	0.477	0.456	0.03	0.139	0.584	0.498	0.197	0.337	0.529	0.299	0.259	0.114	120	126	132	138		
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 19)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103	109	115	121	127	133	139	145	151	157	163	169	175						
LTE Band 12	QPSK	704	23060	1	0	Front	10mm	0.195	0.208	0.086	0.174	0.122	0.205	0.109	0.199	0.179	0.088	0.116	0.028	0.022	0.049	0.102	0.116	0.03	0.176	0.088	0.048	0.044	0.204	0.12	0.142	0.004	0.079			
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 104)	2	8	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116	122	128	134	140	146	152	158	164	170	176						
LTE Band 13	QPSK	782	23230	1	0	Front	10mm	0.332	0.352	0.254	0.311	0.231	0.12	0.159	0.024	0.325	0.047	0.108	0.28	0.068	0.038	0.001	0.334	0.12	0.075	0.242	0.342	0.197	0.044	0.32	0.108	0.319	0.302			
Mode	Modulation	Frequency (MHz) <td>Channel</td> <td>RB Size</td> <td>RB Offset</td> <td>Test position</td> <td>Test distance</td> <td>Measured Ig SAR (W/kg)</td> <th colspan="28">Average Value of Time Sweep (W/kg)</th>	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
Auto-Tune(state 91)	3	9	15	21	27	33	39	45	51	57	63	69	75	81	87	93	99	105	111	117	123	129	135	141	147	153	159	16								

### Inter ULCA (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 114)																			
LTE Band 12	QPSK	704	23060	1	0	Front side	10mm	0.142	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51		
									0.088	0.003	0.132	0.135	0.018	0.032	0.115	0.08	0.063	0.138	0.1	0.134	0.079	0.046	0.113	0.069	0.02	0.043		
									54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105		
									0.056	0.135	0.019	0.13	0.046	0.057	0.11	0.021	0.085	0.078	0.035	0.054	0.102	0.012	0.057	0.002	0.002	0.041		
									108	111	114	117	120	123	126	129	132	135	138	141								
									0.101	0.112	0.143	0.083	0.122	0.006	0.01	0.107	0.11	0.109	0.106	0.017								

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 7)																			
LTE Band 26	QPSK	821.5	26765	1	0	Front side	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52		
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145		
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106		
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113		
									109	112	115	118	121	124	127	130	133	136	139	142								
									0.112	0.218	0.251	0.193	0.021	0.087	0.017	0.255	0.052	0.055	0.044	0.248								

### WWAN+WLAN gaming

### WWAN standalone (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																								
									Auto-Tune(state 120)																								
HSDPA-BS	16QAM 3.2 bits	845.6	430	16	16	Front	10mm	0.141	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68							
									0.56	0.33	0.34	0.074	0.05	0.4	0.183	0.511	0.323	0.448	0.071	0.231	0.154	0.099	0.545	0.169	0.361	0.15	0.251	0.379	0.355	0.554	0.555	0.129	0.072
									1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103	109	115	121	127	133	139	
									0.208	0.086	0.174	0.123	0.205	0.109	0.199	0.175	0.088	0.110	0.029	0.027	0.020	0.192	0.116	0.03	0.176	0.069	0.048	0.044	0.204	0.12	0.142	0.004	0.079
LTE Band 12	QPSK	704	23060	1	0	Front	10mm	0.142	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 12	QPSK	704	23060	1	0	Front	10mm	0.142	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106							
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113							
LTE Band 26	QPSK	821.5	26765	1	0	Front	10mm	0.249	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52							
									0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.031	0.069	0.001	0.045	0.231	0												

## 2.5 Supplemental Product specific 10-g SAR results

### WWAN only

#### WWAN

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
WCDMA BS	RMC 12.2 Kbps	846.6	423	na	na	Front	0mm	1.16	Auto-Tuneband 188																											
WCDMA BS	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 12	QPSK	204	2300	1	0	Front	0mm	3.70	Auto-Tuneband 110																											
LTE Band 13	QPSK	204	2320	1	0	Front	0mm	3.45	Auto-Tuneband 116																											
LTE Band 26	QPSK	821.4	2676	1	0	Front	0mm	1.22	Auto-Tuneband 33																											
LTE Band 21	QPSK	678	13222	1	0	Front	0mm	3.43	Auto-Tuneband 29																											

Band	WCDMA V		
Mode	RMC 12.2 Kbps		
Position	Front		
Distance (mm)	0mm		
Frequency (MHz)	846.6		
Channel	4233		
Measured 10g SAR	1.16		
Average Value of Time Sweep			
Marker value	Maximum	Marker value	Maximum
Auto-Tune	3.630	State 72	1.950
State 0	2.310	State 73	1.940
State 1	1.830	State 74	2.060
State 2	1.620	State 75	2.070
State 3	1.840	State 76	2.130
State 4	2.320	State 77	2.070
State 5	2.070	State 78	2.060
State 6	1.730	State 79	1.900
State 7	2.500	State 80	2.130
State 8	2.220	State 81	2.070
State 9	1.570	State 82	1.730
State 10	2.220	State 83	1.900
State 11	2.360	State 84	1.670
State 12	1.750	State 85	1.820
State 13	2.610	State 86	1.600
State 14	1.940	State 87	1.970
State 15	1.770	State 88	1.560
State 16	1.960	State 89	1.740
State 17	1.800	State 90	1.730
State 18	0.644	State 91	3.150
State 19	0.421	State 92	2.910
State 20	0.554	State 93	3.210
State 21	0.499	State 94	2.640
State 22	0.558	State 95	3.030
State 23	0.635	State 96	2.850
State 24	0.435	State 97	2.880
State 25	0.623	State 98	2.830
State 26	0.271	State 99	2.910
State 27	0.350	State 100	3.330
State 28	0.671	State 101	3.000
State 29	0.689	State 102	2.870
State 30	0.663	State 103	2.810
State 31	0.798	State 104	3.010
State 32	0.807	State 105	2.990
State 33	0.409	State 106	3.130
State 34	0.840	State 107	3.200
State 35	0.350	State 108	3.440
State 36	0.440	State 109	0.354
State 37	0.410	State 110	0.309
State 38	0.380	State 111	0.650
State 39	0.610	State 112	0.743
State 40	1.060	State 113	0.628
State 41	0.880	State 114	0.327
State 42	0.700	State 115	0.699
State 43	0.830	State 116	0.445
State 44	0.860	State 117	0.683
State 45	0.890	State 118	0.548
State 46	1.150	State 119	0.673
State 47	0.910	State 120	0.583
State 48	0.540	State 121	0.622
State 49	0.630	State 122	0.725
State 50	0.870	State 123	0.883
State 51	0.380	State 124	0.712
State 52	1.040	State 125	0.628
State 53	0.660	State 126	0.914
State 54	2.510	State 127	0.710
State 55	2.650	State 128	0.410
State 56	2.540	State 129	0.720
State 57	2.190	State 130	1.300
State 58	2.220	State 131	1.010
State 59	1.990	State 132	1.200
State 60	2.090	State 133	0.730
State 61	2.540	State 134	0.690
State 62	2.140	State 135	1.350
State 63	2.290	State 136	1.290
State 64	2.370	State 137	0.840
State 65	2.610	State 138	1.270
State 66	2.090	State 139	0.580
State 67	2.280	State 140	0.510
State 68	2.390	State 141	1.130
State 69	2.060	State 142	0.350
State 70	2.440	State 143	0.560
State 71	2.120		

Band	LTE Band 26		
Mode	QPSK BW15, 1/0 RB		
Position	Front		
Distance (mm)	0mm		
Frequency (MHz)	821.5		
Channel	26765		
Measured 10g SAR	1.22		
Average Value of Time Sweep			
Marker value	Maximum	Marker value	Maximum
Auto-Tune	3.740	State 72	2.010
State 0	2.490	State 73	2.050
State 1	1.910	State 74	2.240
State 2	1.760	State 75	2.190
State 3	1.890	State 76	2.230
State 4	2.440	State 77	2.110
State 5	2.330	State 78	2.190
State 6	1.880	State 79	2.070
State 7	2.550	State 80	2.170
State 8	2.380	State 81	2.190
State 9	1.760	State 82	1.870
State 10	2.400	State 83	1.930
State 11	2.530	State 84	1.780
State 12	1.850	State 85	1.930
State 13	2.640	State 86	1.760
State 14	2.030	State 87	2.110
State 15	1.820	State 88	1.750
State 16	1.970	State 89	1.850
State 17	1.660	State 90	1.770
State 18	0.734	State 91	3.220
State 19	0.481	State 92	2.990
State 20	0.734	State 93	3.280
State 21	0.549	State 94	2.810
State 22	0.678	State 95	3.040
State 23	0.685	State 96	2.890
State 24	0.535	State 97	2.950
State 25	0.693	State 98	3.000
State 26	0.411	State 99	2.860
State 27	0.330	State 100	3.180
State 28	0.601	State 101	2.980
State 29	0.739	State 102	2.780
State 30	0.593	State 103	2.740
State 31	0.606	State 104	2.820
State 32	0.687	State 105	2.800
State 33	0.359	State 106	2.980
State 34	0.700	State 107	3.110
State 35	0.350	State 108	2.840
State 36	0.330	State 109	0.284
State 37	0.390	State 110	0.269
State 38	0.320	State 111	0.580
State 39	0.530	State 112	0.573
State 40	0.880	State 113	0.442
State 41	0.640	State 114	0.287
State 42	0.640	State 115	0.659
State 43	0.610	State 116	0.315
State 44	0.850	State 117	0.503
State 45	0.730	State 118	0.418
State 46	0.970	State 119	0.583
State 47	0.860	State 120	0.513
State 48	0.520	State 121	0.482
State 49	0.590	State 122	0.715
State 50	0.850	State 123	0.733
State 51	0.320	State 124	0.612
State 52	0.970	State 125	0.618
State 53	0.730	State 126	0.654
State 54	2.390	State 127	0.530
State 55	2.480	State 128	0.290
State 56	2.420	State 129	0.670
State 57	2.050	State 130	1.150
State 58	2.040	State 131	0.930
State 59	1.990	State 132	1.170
State 60	2.050	State 133	0.660
State 61	2.380	State 134	0.590
State 62	2.090	State 135	1.190
State 63	2.120	State 136	1.220
State 64	2.230	State 137	0.660
State 65	2.450	State 138	1.240
State 66	1.980	State 139	0.430
State 67	2.110	State 140	0.390
State 68	2.200	State 141	1.040
State 69	1.950	State 142	0.250
State 70	2.250	State 143	0.400
State 71	2.080		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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**ENDC**

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune (state 95)																			
LTE Band 12	QPSK	704	23660	1	0	Front	6mm	0.702	2.28	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	
									1.63	1.521	0.474	0.75	1.81	0.93	0.432	2.02	0.678	0.82	1.2	0.855	1.07	0.897	0.391	0.31	0.36	0.763		
									50	95	100	105	110	115	120	125	130	135	140	2.15	2.21	0.555	1.89	1.24	1.04	1.19	1.2	0.97

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune (state 91)																			
LTE Band 26	QPSK	821.5	26765	1	0	Front	6mm	1.22	3.72	1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86	
									1.83	1.77	2.47	1.81	0.379	0.291	0.456	0.2	0.78	0.836	0.312	2.32	2.27	1.97	1.97	2.07	2.17	1.68		
									91	96	101	106	111	116	121	126	131	136	141	3.15	2.86	2.91	2.92	0.57	0.195	0.432	0.604	0.86

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune (state 8)																			
FRT r0	QPSK	836.5	16730	1	53	Rear	6mm	0.196	0.637	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	
									0.52	0.635	0.562	0.372	0.323	0.262	0.559	0.266	0.551	0.427	0.515	0.542	0.49	0.298	0.26	0.458	0.518	0.242		
									93	98	103	108	113	118	123	128	133	138	143	0.172	0.264	0.534	0.329	0.25	0.632	0.202	0.465	0.616

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune (state 99)																			
FRT r01	QPSK	873	134600	1	1	Front	6mm	0.052	0.175	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	
									0.165	0.076	0.102	0.169	0.112	0.087	0.098	0.122	0.123	0.133	0.163	0.102	0.165	0.145	0.157	0.091	0.125	0.09		
									94	99	104	109	114	119	124	129	134	139	0.164	0.173	0.077	0.095	0.151	0.098	0.166	0.109	0.081	0.085

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Band	LTE Band 26		
Mode	QPSK BW15, 1/0 RB		
Position	Front		
Distance (mm)	0mm		
Frequency (MHz)	821.5		
Channel	26765		
Measured 10g SAR	1.22		
Average Value of Time Sweep			
Marker value	Maximum	Marker value	Maximum
Auto-Tune	3.740		
State 0	2.490	State 72	2.010
State 1	1.910	State 73	2.050
State 2	1.760	State 74	2.240
State 3	1.890	State 75	2.190
State 4	2.440	State 76	2.230
State 5	2.330	State 77	2.110
State 6	1.860	State 78	2.190
State 7	2.550	State 79	2.070
State 8	2.380	State 80	2.170
State 9	1.750	State 81	2.190
State 10	2.400	State 82	1.870
State 11	2.530	State 83	1.930
State 12	1.850	State 84	1.780
State 13	2.640	State 85	1.930
State 14	2.030	State 86	1.760
State 15	1.820	State 87	2.110
State 16	1.970	State 88	1.750
State 17	1.950	State 89	1.850
State 18	0.724	State 90	1.770
State 19	0.481	State 91	3.220
State 20	0.734	State 92	2.990
State 21	0.549	State 93	3.070
State 22	0.678	State 94	2.810
State 23	0.685	State 95	3.040
State 24	0.535	State 96	2.890
State 25	0.693	State 97	2.950
State 26	0.411	State 98	3.000
State 27	0.330	State 99	2.860
State 28	0.601	State 100	3.180
State 29	0.709	State 101	2.980
State 30	0.593	State 102	2.780
State 31	0.606	State 103	2.740
State 32	0.687	State 104	2.820
State 33	0.359	State 105	2.800
State 34	0.700	State 106	2.980
State 35	0.350	State 107	3.110
State 36	0.330	State 108	2.840
State 37	0.390	State 109	0.284
State 38	0.320	State 110	0.269
State 39	0.530	State 111	0.580
State 40	0.880	State 112	0.573
State 41	0.840	State 113	0.442
State 42	0.640	State 114	0.287
State 43	0.810	State 115	0.659
State 44	0.850	State 116	0.315
State 45	0.730	State 117	0.503
State 46	0.970	State 118	0.418
State 47	0.860	State 119	0.563
State 48	0.520	State 120	0.513
State 49	0.590	State 121	0.462
State 50	0.850	State 122	0.715
State 51	0.320	State 123	0.733
State 52	0.970	State 124	0.612
State 53	0.700	State 125	0.618
State 54	2.390	State 126	0.654
State 55	2.460	State 127	0.530
State 56	2.420	State 128	0.290
State 57	2.050	State 129	0.570
State 58	2.040	State 130	1.150
State 59	1.990	State 131	0.930
State 60	2.050	State 132	1.170
State 61	2.380	State 133	0.660
State 62	2.090	State 134	0.590
State 63	2.120	State 135	1.190
State 64	2.230	State 136	1.220
State 65	2.450	State 137	0.660
State 66	1.980	State 138	1.240
State 67	2.110	State 139	0.430
State 68	2.200	State 140	0.390
State 69	1.950	State 141	1.040
State 70	2.250	State 142	0.250
State 71	2.090	State 143	0.400

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### Inter ULCA

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																									
									Auto-Tune(state 76)																									
LTE Band 12	QPSK	704	23000	1	0	Front	0mm	0.503	1.36	0.850	0.009	1.28	0.189	0.828	0.199	1.047	0.062	0.787	0.277	0.435	0.783	0.388	0.587	0.049	0.137	0.245	0.503							
									54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105								
									1.12	0.372	1.26	0.704	0.823	0.375	1.03	0.563	1.32	0.074	0.103	0.251	1.31	0.515	0.484	0.47	0.289	0.274								
									1.08	1.11	1.14	1.17	1.20	1.23	1.26	1.29	1.32	1.35	1.38	1.41														
									0.607	0.965	0.421	1.15	0.017	1.04	0.951	0.875	0.241	0.165	0.642	1.31														

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																									
									Auto-Tune(state 142)																									
LTE Band 26	QPSK	821.5	26765	1	0	Front	0mm	0.726	1.71	0.813	0.389	0.727	0.888	0.34	0.122	0.449	0.05	0.066	1.48	0.851	0.503	1.12	1.35	1.34	0.601	1.33	0.19							
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106								
									1.36	0.766	0.329	0.727	1.09	1.29	0.03	0.581	0.15	1.04	1.5	1.08	1.47	0.587	1.05	0.085	1.22	1.27								
									1.00	1.12	1.15	1.18	1.21	1.24	1.27	1.30	1.33	1.36	1.39	1.42														
									1.32	1.57	1.42	0.323	1.63	0.959	1.56	1.62	0.624	1.08	0.5	1.67														

### 2.6 Reporting statements of conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

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### 3. Simultaneous Transmission Analysis

#### Simultaneous Transmission Scenarios:

Mode	Simultaneous Transmission configurations	Head	Body-worn	Hotspot	Product specific 10g-SAR
Calling mode	WWAN+WLAN 2.4G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain0)+WLAN 5GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
WWAN+WLAN 2.4G MIMO+WLAN 5GHz MIMO (WWAN+DBS)	Yes	Yes	Yes	Yes	
Camera mode	WWAN+WLAN 2.4G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain0)+WLAN 5GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
WWAN+WLAN 2.4G MIMO+WLAN 5GHz MIMO (WWAN+DBS)	Yes	Yes	Yes	Yes	
Normal mode	WWAN+WLAN 2.4G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain0)+WLAN 5GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
WWAN+WLAN 2.4G MIMO+WLAN 5GHz MIMO (WWAN+DBS)	Yes	Yes	Yes	Yes	
Gaming mode	WWAN+WLAN 2.4G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain0)+WLAN 5GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
WWAN+WLAN 2.4G MIMO+WLAN 5GHz MIMO (WWAN+DBS)	Yes	Yes	Yes	Yes	

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### 3.1 Estimated SAR calculation

According to KDB447498 D01v06 – When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

$$\text{Estimated SAR} = \frac{\text{Max. tune up power (mW)}}{\text{Min. test separation distance(mm)}} \times \frac{\sqrt{f(\text{GHz})}}{7.5}$$

If the minimum test separation distance is < 5mm, a distance of 5mm is used for estimated SAR calculation. When the test separation distance is >50mm, the 0.4W/kg is used for SAR-1g.

### 3.2 SPLSR evaluation and analysis

Per KDB447498D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR sum to peak location separation ratio(SPLSR).

The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion.

The ratio is determined by  $(\text{SAR1} + \text{SAR2})^{1.5}/R_i$ , rounded to two decimal digits, and must be  $\leq 0.04$  for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

SAR1 and SAR2 are the highest reported or estimated SAR for each antenna in the pair, and  $R_i$  is the separation distance between the peak SAR locations for the antenna pair in mm.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna.

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## Simultaneous Transmission Combination

### WLAN MIMO

#### Calling\_Head

The simultaneous head exposure conditions for WLAN calling mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
ReCheek	0.304	0.435	0.377	0.390	0.444	0.111	0.740	0.681	0.694	1.256	1.269	1.210	0.923	0.936	0.878	1.506
ReTilt	0.106	0.132	0.173	0.160	0.161	0.052	0.239	0.279	0.266	0.466	0.454	0.494	0.357	0.344	0.385	0.571
LeCheek	0.557	0.181	0.571	0.206	0.586	0.065	0.738	1.128	0.763	1.337	0.972	1.362	0.816	0.452	0.842	1.514
LeTilt	0.226	0.100	0.218	0.101	0.203	0.035	0.325	0.444	0.326	0.521	0.404	0.522	0.353	0.236	0.354	0.644

#### Calling\_Body-worn

The simultaneous body-worn exposure conditions for WLAN calling mode and normal Portrait mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.022	0.013	0.055	0.206	0.004	0.003	0.036	0.078	0.229	0.072	0.223	0.265	0.071	0.222	0.264	0.297
Back side	0.087	0.065	0.087	0.486	0.031	0.011	0.152	0.174	0.573	0.184	0.583	0.605	0.164	0.563	0.584	0.726

#### Camera\_Body-worn

The simultaneous body-worn exposure conditions for WLAN Camera mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.025	0.004	0.049	0.065	0.003	0.016	0.028	0.074	0.089	0.055	0.071	0.116	0.068	0.084	0.129	0.142
Back side	0.076	0.115	0.456	0.318	0.017	0.193	0.191	0.532	0.394	0.589	0.450	0.791	0.765	0.626	0.967	0.965

#### Normal\_Landscape\_Body

The simultaneous body-worn exposure conditions for WLAN normal landscape mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.046	0.004	0.125	0.128	0.004	0.016	0.050	0.171	0.174	0.133	0.135	0.257	0.145	0.148	0.269	0.303
Back side	0.164	0.115	0.179	0.628	0.031	0.193	0.279	0.343	0.792	0.326	0.775	0.838	0.488	0.937	1.000	1.086

#### Gaming\_Body

The simultaneous body-worn exposure conditions for WLAN Gaming mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.022	0.004	0.055	0.083	0.004	0.016	0.026	0.078	0.105	0.063	0.090	0.142	0.075	0.103	0.154	0.165
Back side	0.087	0.115	0.087	0.451	0.031	0.193	0.202	0.174	0.538	0.234	0.598	0.569	0.396	0.760	0.731	0.740

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## SISO\_Head+Body

### Calling\_Head\_UAT

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GSM 850	ReCheek	0.524	0.606	0.435	0.534	0.390	0.195	0.050	1.130	1.155	1.253	1.109	1.109	0.964
	ReTilt	0.304	0.231	0.132	0.236	0.160	0.073	0.023	0.535	0.509	0.612	0.563	0.537	0.487
	LeCheek	0.328	1.102	0.181	0.833	0.206	0.266	0.030	1.430	0.774	1.427	1.191	0.799	0.563
WCDMA Band V	LeTilt	0.290	0.476	0.100	0.324	0.101	0.091	0.015	0.765	0.481	0.705	0.629	0.482	0.405
	ReCheek	0.462	0.606	0.435	0.534	0.390	0.195	0.050	1.068	1.092	1.191	1.046	1.046	0.901
	ReTilt	0.273	0.231	0.132	0.236	0.160	0.073	0.023	0.504	0.479	0.582	0.532	0.506	0.457
LTE Band 12	LeCheek	0.325	1.102	0.181	0.833	0.206	0.266	0.030	1.427	0.772	1.424	1.188	0.797	0.561
	LeTilt	0.229	0.476	0.100	0.324	0.101	0.091	0.015	0.705	0.420	0.644	0.568	0.421	0.345
	ReCheek	0.321	0.606	0.435	0.534	0.390	0.195	0.050	0.927	0.952	1.050	0.906	0.906	0.761
LTE Band 13	ReTilt	0.212	0.231	0.132	0.236	0.160	0.073	0.023	0.443	0.417	0.521	0.471	0.445	0.395
	LeCheek	0.234	1.102	0.181	0.833	0.206	0.266	0.030	1.336	0.680	1.333	1.097	0.706	0.469
	LeTilt	0.155	0.476	0.100	0.324	0.101	0.091	0.015	0.630	0.346	0.570	0.494	0.347	0.271
LTE Band 26	ReCheek	0.516	0.606	0.435	0.534	0.390	0.195	0.050	1.122	1.146	1.245	1.100	1.101	0.956
	ReTilt	0.253	0.231	0.132	0.236	0.160	0.073	0.023	0.484	0.458	0.561	0.512	0.486	0.436
	LeCheek	0.313	1.102	0.181	0.833	0.206	0.266	0.030	1.415	0.759	1.412	1.176	0.785	0.549
LTE Band 71	LeTilt	0.241	0.476	0.100	0.324	0.101	0.091	0.015	0.716	0.432	0.656	0.580	0.433	0.356
	ReCheek	0.457	0.606	0.435	0.534	0.390	0.195	0.050	1.063	1.087	1.186	1.041	1.042	0.897
	ReTilt	0.279	0.231	0.132	0.236	0.160	0.073	0.023	0.510	0.485	0.588	0.538	0.512	0.463
NR n41	LeCheek	0.317	1.102	0.181	0.833	0.206	0.266	0.030	1.418	0.763	1.415	1.179	0.788	0.552
	LeTilt	0.248	0.476	0.100	0.324	0.101	0.091	0.015	0.723	0.439	0.663	0.587	0.440	0.364
	ReCheek	0.279	0.606	0.435	0.534	0.390	0.195	0.050	0.885	0.909	1.008	0.863	0.863	0.718
NR n41	ReTilt	0.165	0.231	0.132	0.236	0.160	0.073	0.023	0.396	0.371	0.474	0.424	0.399	0.349
	LeCheek	0.232	1.102	0.181	0.833	0.206	0.266	0.030	1.333	0.678	1.330	1.094	0.703	0.467
	LeTilt	0.141	0.476	0.100	0.324	0.101	0.091	0.015	0.617	0.333	0.557	0.480	0.333	0.257
NR n41	ReCheek	0.048	0.606	0.435	0.534	0.390	0.195	0.050	0.654	0.679	0.777	0.633	0.633	0.488
	ReTilt	0.023	0.231	0.132	0.236	0.160	0.073	0.023	0.254	0.229	0.332	0.282	0.256	0.207
	LeCheek	0.013	1.102	0.181	0.833	0.206	0.266	0.030	1.115	0.459	1.112	0.876	0.485	0.249
	LeTilt	0.009	0.476	0.100	0.324	0.101	0.091	0.015	0.484	0.200	0.424	0.348	0.201	0.125

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### Calling\_Head\_LAT

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2 Sum	1+3+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum	
GSM 850	ReCheek	0.282	0.606	0.435	0.534	0.390	0.195	0.050	0.888	0.912	1.011	0.866	0.867	0.722
	ReTilt	0.125	0.231	0.132	0.236	0.160	0.073	0.023	0.356	0.331	0.434	0.384	0.359	0.309
	LeCheek	0.176	1.102	0.181	0.833	0.206	0.266	0.030	1.277	0.622	1.274	1.038	0.647	0.411
GSM 1900	ReCheek	0.097	0.476	0.100	0.324	0.101	0.091	0.015	0.572	0.288	0.512	0.436	0.289	0.213
	ReTilt	0.059	0.231	0.132	0.236	0.160	0.073	0.023	0.289	0.264	0.367	0.318	0.292	0.242
	LeCheek	0.118	1.102	0.181	0.833	0.206	0.266	0.030	1.219	0.564	1.216	0.980	0.589	0.353
WCDMA Band II	ReCheek	0.077	0.476	0.100	0.324	0.101	0.091	0.015	0.552	0.268	0.492	0.416	0.269	0.193
	ReTilt	0.251	0.606	0.435	0.534	0.390	0.195	0.050	0.857	0.881	0.980	0.835	0.835	0.690
	LeCheek	0.182	0.231	0.132	0.236	0.160	0.073	0.023	0.413	0.387	0.480	0.441	0.415	0.365
WCDMA Band IV	ReCheek	0.392	1.102	0.181	0.833	0.206	0.266	0.030	1.403	0.748	1.400	1.164	0.773	0.537
	ReTilt	0.230	0.476	0.100	0.324	0.101	0.091	0.015	0.706	0.421	0.645	0.569	0.422	0.346
	LeCheek	0.176	0.606	0.435	0.534	0.390	0.195	0.050	0.782	0.806	0.905	0.760	0.761	0.616
WCDMA Band V	ReCheek	0.127	0.231	0.132	0.236	0.160	0.073	0.023	0.357	0.332	0.435	0.386	0.360	0.310
	ReTilt	0.246	1.102	0.181	0.833	0.206	0.266	0.030	1.348	0.692	1.345	1.109	0.718	0.482
	LeCheek	0.160	0.476	0.100	0.324	0.101	0.091	0.015	0.636	0.352	0.576	0.499	0.352	0.276
LTE Band 7	ReCheek	0.141	0.606	0.435	0.534	0.390	0.195	0.050	0.747	0.771	0.870	0.725	0.725	0.581
	ReTilt	0.103	0.231	0.132	0.236	0.160	0.073	0.023	0.334	0.309	0.412	0.362	0.336	0.287
	LeCheek	0.110	1.102	0.181	0.833	0.206	0.266	0.030	1.212	0.556	1.209	0.973	0.581	0.345
LTE Band 12	ReCheek	0.071	0.476	0.100	0.324	0.101	0.091	0.015	0.546	0.262	0.486	0.410	0.263	0.187
	ReTilt	0.097	0.606	0.435	0.534	0.390	0.195	0.050	0.703	0.727	0.826	0.682	0.682	0.537
	LeCheek	0.058	0.231	0.132	0.236	0.160	0.073	0.023	0.289	0.264	0.367	0.317	0.291	0.242
LTE Band 13	ReCheek	0.127	1.102	0.181	0.833	0.206	0.266	0.030	1.229	0.573	1.226	0.990	0.599	0.363
	ReTilt	0.087	0.476	0.100	0.324	0.101	0.091	0.015	0.562	0.278	0.502	0.426	0.279	0.203
	LeCheek	0.166	0.606	0.435	0.534	0.390	0.195	0.050	0.772	0.796	0.895	0.750	0.751	0.606
LTE Band 25	ReCheek	0.060	0.231	0.132	0.236	0.160	0.073	0.023	0.291	0.266	0.369	0.319	0.293	0.244
	ReTilt	0.097	1.102	0.181	0.833	0.206	0.266	0.030	1.198	0.543	1.195	0.959	0.568	0.332
	LeCheek	0.033	0.476	0.100	0.324	0.101	0.091	0.015	0.509	0.225	0.449	0.372	0.225	0.149
LTE Band 26	ReCheek	0.181	0.606	0.435	0.534	0.390	0.195	0.050	0.787	0.811	0.910	0.765	0.765	0.621
	ReTilt	0.067	0.231	0.132	0.236	0.160	0.073	0.023	0.298	0.272	0.376	0.326	0.300	0.250
	LeCheek	0.092	1.102	0.181	0.833	0.206	0.266	0.030	1.193	0.538	1.190	0.954	0.563	0.327
LTE Band 30	ReCheek	0.037	0.476	0.100	0.324	0.101	0.091	0.015	0.513	0.228	0.452	0.376	0.229	0.153
	ReTilt	0.220	0.606	0.435	0.534	0.390	0.195	0.050	0.826	0.850	0.949	0.804	0.805	0.660
	LeCheek	0.135	0.231	0.132	0.236	0.160	0.073	0.023	0.366	0.340	0.443	0.394	0.368	0.318
LTE Band 41	ReCheek	0.331	1.102	0.181	0.833	0.206	0.266	0.030	1.433	0.777	1.430	1.194	0.803	0.567
	ReTilt	0.152	0.476	0.100	0.324	0.101	0.091	0.015	0.628	0.343	0.567	0.491	0.344	0.268
	LeCheek	0.141	0.606	0.435	0.534	0.390	0.195	0.050	0.747	0.771	0.870	0.725	0.725	0.580
LTE Band 48	ReCheek	0.082	0.231	0.132	0.236	0.160	0.073	0.023	0.312	0.287	0.390	0.340	0.315	0.265
	ReTilt	0.092	1.102	0.181	0.833	0.206	0.266	0.030	1.193	0.538	1.190	0.954	0.563	0.327
	LeCheek	0.051	0.476	0.100	0.324	0.101	0.091	0.015	0.526	0.242	0.466	0.390	0.243	0.167
LTE Band 66	ReCheek	0.109	0.606	0.435	0.534	0.390	0.195	0.050	0.715	0.739	0.838	0.693	0.694	0.549
	ReTilt	0.070	0.231	0.132	0.236	0.160	0.073	0.023	0.301	0.275	0.378	0.329	0.303	0.253
	LeCheek	0.180	1.102	0.181	0.833	0.206	0.266	0.030	1.282	0.626	1.279	1.043	0.652	0.416
LTE Band 71	ReCheek	0.120	0.476	0.100	0.324	0.101	0.091	0.015	0.595	0.311	0.535	0.459	0.312	0.236
	ReTilt	0.148	0.606	0.435	0.534	0.390	0.195	0.050	0.754	0.778	0.877	0.733	0.733	0.588
	LeCheek	0.090	0.231	0.132	0.236	0.160	0.073	0.023	0.321	0.296	0.399	0.349	0.324	0.274
LTE Band 81	ReCheek	0.180	1.102	0.181	0.833	0.206	0.266	0.030	1.281	0.626	1.278	1.042	0.651	0.415
	ReTilt	0.107	0.476	0.100	0.324	0.101	0.091	0.015	0.582	0.298	0.522	0.446	0.299	0.223
	LeCheek	0.039	0.606	0.435	0.534	0.390	0.195	0.050	0.644	0.669	0.767	0.623	0.623	0.478
LTE Band 86	ReCheek	0.022	0.231	0.132	0.236	0.160	0.073	0.023	0.253	0.228	0.331	0.281	0.255	0.206
	ReTilt	0.060	1.102	0.181	0.833	0.206	0.266	0.030	1.182	0.526	1.179	0.943	0.552	0.316
	LeCheek	0.029	0.476	0.100	0.324	0.101	0.091	0.015	0.504	0.220	0.444	0.368	0.221	0.144
LTE Band 91	ReCheek	0.245	0.606	0.435	0.534	0.390	0.195	0.050	0.851	0.875	0.974	0.829	0.830	0.685
	ReTilt	0.165	0.231	0.132	0.236	0.160	0.073	0.023	0.396	0.370	0.473	0.424	0.398	0.348
	LeCheek	0.343	1.102	0.181	0.833	0.206	0.266	0.030	1.444	0.789	1.441	1.205	0.814	0.578
NR n41	ReCheek	0.218	0.476	0.100	0.324	0.101	0.091	0.015	0.694	0.409	0.633	0.557	0.410	0.334
	ReTilt	0.172	0.606	0.435	0.534	0.390	0.195	0.050	0.777	0.802	0.900	0.756	0.756	0.611
	LeCheek	0.081	0.231	0.132	0.236	0.160	0.073	0.023	0.312	0.287	0.390	0.340	0.314	0.265
NR n41	ReCheek	0.106	1.102	0.181	0.833	0.206	0.266	0.030	1.208	0.552	1.205	0.969	0.577	0.341
	ReTilt	0.053	0.476	0.100	0.324	0.101	0.091	0.015	0.528	0.244	0.468	0.392	0.244	0.168
	LeCheek	0.021	0.606	0.435	0.534	0.390	0.195	0.050	0.627	0.652	0.750	0.606	0.606	0.461
NR n41	ReCheek	0.010	0.231	0.132	0.236	0.160	0.073	0.023	0.241	0.216	0.319	0.269	0.243	0.194
	ReTilt	0.012	1.102	0.181	0.833	0.206	0.266	0.030	1.114	0.458	1.111	0.875	0.484	0.247
	LeCheek	0.006	0.476	0.100	0.324	0.101	0.091	0.015	0.482	0.197	0.421	0.345	0.198	0.122

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### Calling\_Body-worn\_UAT

The simultaneous body-worn exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.046	0.013	0.082	0.206	0.002	0.001	0.577	0.546	0.615	0.614	0.739	0.738
	Back side	0.394	0.164	0.065	0.126	0.486	0.014	0.003	0.557	0.473	0.533	0.522	0.893	0.883
WCDMA Band V	Front side	0.299	0.046	0.013	0.082	0.206	0.002	0.001	0.345	0.314	0.382	0.381	0.507	0.506
	Back side	0.262	0.164	0.065	0.126	0.486	0.014	0.003	0.425	0.341	0.401	0.390	0.761	0.751
LTE Band 12	Front side	0.174	0.046	0.013	0.082	0.206	0.002	0.001	0.219	0.189	0.257	0.256	0.382	0.381
	Back side	0.140	0.164	0.065	0.126	0.486	0.014	0.003	0.304	0.220	0.280	0.269	0.640	0.630
LTE Band 13	Front side	0.314	0.046	0.013	0.082	0.206	0.002	0.001	0.360	0.330	0.398	0.397	0.523	0.522
	Back side	0.268	0.164	0.065	0.126	0.486	0.014	0.003	0.432	0.347	0.407	0.397	0.768	0.757
LTE Band 26	Front side	0.326	0.046	0.013	0.082	0.206	0.002	0.001	0.372	0.341	0.409	0.408	0.534	0.533
	Back side	0.258	0.164	0.065	0.126	0.486	0.014	0.003	0.422	0.338	0.398	0.387	0.758	0.748
LTE Band 71	Front side	0.128	0.046	0.013	0.082	0.206	0.002	0.001	0.174	0.144	0.212	0.211	0.337	0.336
	Back side	0.114	0.164	0.065	0.126	0.486	0.014	0.003	0.278	0.193	0.253	0.243	0.614	0.603
NR n41	Front side	0.084	0.046	0.013	0.082	0.206	0.002	0.001	0.130	0.099	0.168	0.167	0.293	0.292
	Back side	0.217	0.164	0.065	0.126	0.486	0.014	0.003	0.381	0.296	0.356	0.346	0.717	0.706

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### Calling\_Body-worn\_LAT

The simultaneous body-worn exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.526	0.046	0.013	0.082	0.206	0.002	0.001	0.572	0.542	0.610	0.609	0.735	0.734
	Back side	0.451	0.164	0.065	0.126	0.486	0.014	0.003	0.615	0.530	0.590	0.580	0.951	0.940
GPRS 1900	Front side	0.257	0.046	0.013	0.082	0.206	0.002	0.001	0.302	0.272	0.340	0.339	0.465	0.464
	Back side	0.458	0.164	0.065	0.126	0.486	0.014	0.003	0.622	0.537	0.597	0.587	0.958	0.947
WCDMA Band II	Front side	0.353	0.046	0.013	0.082	0.206	0.002	0.001	0.398	0.368	0.436	0.435	0.561	0.560
	Back side	0.454	0.164	0.065	0.126	0.486	0.014	0.003	0.618	0.534	0.594	0.583	0.954	0.944
WCDMA Band IV	Front side	0.153	0.046	0.013	0.082	0.206	0.002	0.001	0.198	0.168	0.236	0.235	0.361	0.360
	Back side	0.212	0.164	0.065	0.126	0.486	0.014	0.003	0.376	0.291	0.351	0.341	0.712	0.701
WCDMA Band V	Front side	0.246	0.046	0.013	0.082	0.206	0.002	0.001	0.292	0.262	0.330	0.329	0.455	0.454
	Back side	0.164	0.164	0.065	0.126	0.486	0.014	0.003	0.328	0.243	0.303	0.293	0.664	0.653
LTE Band 7	Front side	0.214	0.046	0.013	0.082	0.206	0.002	0.001	0.259	0.229	0.297	0.296	0.422	0.421
	Back side	0.288	0.164	0.065	0.126	0.486	0.014	0.003	0.452	0.367	0.427	0.417	0.788	0.777
LTE Band 12	Front side	0.108	0.046	0.013	0.082	0.206	0.002	0.001	0.154	0.123	0.192	0.191	0.317	0.316
	Back side	0.308	0.164	0.065	0.126	0.486	0.014	0.003	0.472	0.387	0.447	0.437	0.808	0.797
LTE Band 13	Front side	0.054	0.046	0.013	0.082	0.206	0.002	0.001	0.099	0.069	0.137	0.136	0.262	0.261
	Back side	0.259	0.164	0.065	0.126	0.486	0.014	0.003	0.423	0.338	0.398	0.388	0.759	0.748
LTE Band 25	Front side	0.530	0.046	0.013	0.082	0.206	0.002	0.001	0.576	0.545	0.614	0.613	0.739	0.738
	Back side	0.619	0.164	0.065	0.126	0.486	0.014	0.003	0.783	0.698	0.759	0.748	1.119	1.109
LTE Band 26	Front side	0.227	0.046	0.013	0.082	0.206	0.002	0.001	0.273	0.242	0.311	0.310	0.436	0.435
	Back side	0.365	0.164	0.065	0.126	0.486	0.014	0.003	0.529	0.445	0.505	0.494	0.865	0.855
LTE Band 30	Front side	0.109	0.046	0.013	0.082	0.206	0.002	0.001	0.155	0.124	0.193	0.192	0.318	0.317
	Back side	0.223	0.164	0.065	0.126	0.486	0.014	0.003	0.387	0.303	0.363	0.352	0.723	0.713
LTE Band 41	Front side	0.147	0.046	0.013	0.082	0.206	0.002	0.001	0.193	0.162	0.231	0.230	0.356	0.355
	Back side	0.208	0.164	0.065	0.126	0.486	0.014	0.003	0.372	0.287	0.348	0.337	0.708	0.698
LTE Band 48	Front side	0.063	0.046	0.013	0.082	0.206	0.002	0.001	0.109	0.079	0.147	0.146	0.272	0.271
	Back side	0.098	0.164	0.065	0.126	0.486	0.014	0.003	0.262	0.177	0.237	0.227	0.598	0.588
LTE Band 66	Front side	0.245	0.046	0.013	0.082	0.206	0.002	0.001	0.291	0.261	0.329	0.328	0.454	0.453
	Back side	0.276	0.164	0.065	0.126	0.486	0.014	0.003	0.440	0.355	0.416	0.405	0.776	0.766
LTE Band 71	Front side	0.038	0.046	0.013	0.082	0.206	0.002	0.001	0.084	0.053	0.122	0.120	0.246	0.245
	Back side	0.032	0.164	0.065	0.126	0.486	0.014	0.003	0.196	0.111	0.171	0.160	0.532	0.521
NR n5	Front side	0.039	0.046	0.013	0.082	0.206	0.002	0.001	0.084	0.054	0.122	0.121	0.247	0.246
	Back side	0.028	0.164	0.065	0.126	0.486	0.014	0.003	0.191	0.107	0.167	0.156	0.527	0.517
NR n41	Front side	0.032	0.046	0.013	0.082	0.206	0.002	0.001	0.078	0.047	0.116	0.115	0.241	0.240
	Back side	0.212	0.164	0.065	0.126	0.486	0.014	0.003	0.376	0.291	0.351	0.341	0.712	0.701
NR n66	Front side	0.276	0.046	0.013	0.082	0.206	0.002	0.001	0.322	0.292	0.360	0.359	0.485	0.484
	Back side	0.220	0.164	0.065	0.126	0.486	0.014	0.003	0.384	0.299	0.359	0.349	0.720	0.709

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Calling\_Hotspot\_UAT

The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.110	0.096	0.121	0.428	0.006	0.012	0.641	0.632	0.658	0.665	0.965	0.972
	Back side	0.394	0.358	0.135	0.175	0.819	0.039	0.016	0.751	0.567	0.608	0.585	1.251	1.229
	Top side	0.285	0.189	0.068	0.081	0.385	0.010	0.009	0.473	0.363	0.376	0.374	0.679	0.678
	Bottom side	0.006	0.001	0.004	0.002	0.118	0.001	0.001	0.007	0.012	0.010	0.010	0.126	0.126
	Right side	0.241	0.024	0.008	0.072	0.089	0.002	0.001	0.265	0.251	0.315	0.314	0.332	0.331
	Left side	0.140	0.125	0.057	0.022	0.206	0.017	0.008	0.265	0.214	0.179	0.170	0.363	0.354
WCDMA Band V	Front side	0.299	0.110	0.096	0.121	0.428	0.006	0.012	0.409	0.400	0.426	0.433	0.733	0.740
	Back side	0.262	0.358	0.135	0.175	0.819	0.039	0.016	0.619	0.436	0.476	0.453	1.119	1.097
	Top side	0.248	0.189	0.068	0.081	0.385	0.010	0.009	0.437	0.326	0.339	0.338	0.642	0.641
	Bottom side	0.003	0.001	0.004	0.002	0.118	0.001	0.001	0.004	0.008	0.006	0.006	0.122	0.122
	Right side	0.152	0.024	0.008	0.072	0.089	0.002	0.001	0.176	0.162	0.226	0.225	0.243	0.242
	Left side	0.096	0.125	0.057	0.022	0.206	0.017	0.008	0.221	0.171	0.136	0.127	0.320	0.311
LTE Band 12	Front side	0.174	0.110	0.096	0.121	0.428	0.006	0.012	0.284	0.275	0.301	0.307	0.608	0.615
	Back side	0.140	0.358	0.135	0.175	0.819	0.039	0.016	0.498	0.314	0.354	0.332	0.998	0.976
	Top side	0.122	0.189	0.068	0.081	0.385	0.010	0.009	0.311	0.200	0.214	0.212	0.517	0.515
	Bottom side	0.003	0.001	0.004	0.002	0.118	0.001	0.001	0.004	0.008	0.006	0.006	0.122	0.122
	Right side	0.105	0.024	0.008	0.072	0.089	0.002	0.001	0.129	0.115	0.180	0.179	0.196	0.195
	Left side	0.007	0.125	0.057	0.022	0.206	0.017	0.008	0.132	0.082	0.047	0.037	0.231	0.221
LTE Band 13	Front side	0.314	0.110	0.096	0.121	0.428	0.006	0.012	0.424	0.415	0.441	0.448	0.748	0.755
	Back side	0.268	0.358	0.135	0.175	0.819	0.039	0.016	0.626	0.442	0.482	0.460	1.125	1.103
	Top side	0.200	0.189	0.068	0.081	0.385	0.010	0.009	0.388	0.278	0.291	0.290	0.594	0.593
	Bottom side	0.007	0.001	0.004	0.002	0.118	0.001	0.001	0.008	0.012	0.010	0.010	0.126	0.126
	Right side	0.158	0.024	0.008	0.072	0.089	0.002	0.001	0.183	0.168	0.233	0.232	0.250	0.249
	Left side	0.083	0.125	0.057	0.022	0.206	0.017	0.008	0.208	0.158	0.123	0.113	0.307	0.297
LTE Band 26	Front side	0.326	0.110	0.096	0.121	0.428	0.006	0.012	0.436	0.427	0.453	0.459	0.760	0.767
	Back side	0.258	0.358	0.135	0.175	0.819	0.039	0.016	0.616	0.432	0.473	0.450	1.116	1.094
	Top side	0.204	0.189	0.068	0.081	0.385	0.010	0.009	0.393	0.282	0.296	0.294	0.599	0.597
	Bottom side	0.001	0.001	0.004	0.002	0.118	0.001	0.001	0.002	0.007	0.004	0.004	0.121	0.121
	Right side	0.131	0.024	0.008	0.072	0.089	0.002	0.001	0.155	0.141	0.206	0.205	0.222	0.221
	Left side	0.102	0.125	0.057	0.022	0.206	0.017	0.008	0.227	0.177	0.142	0.133	0.326	0.316
LTE Band 71	Front side	0.128	0.110	0.096	0.121	0.428	0.006	0.012	0.239	0.229	0.255	0.262	0.562	0.569
	Back side	0.114	0.358	0.135	0.175	0.819	0.039	0.016	0.472	0.288	0.328	0.306	0.972	0.949
	Top side	0.095	0.189	0.068	0.081	0.385	0.010	0.009	0.284	0.173	0.186	0.185	0.489	0.488
	Bottom side	0.001	0.001	0.004	0.002	0.118	0.001	0.001	0.002	0.007	0.004	0.004	0.121	0.121
	Right side	0.002	0.024	0.008	0.072	0.089	0.002	0.001	0.027	0.012	0.077	0.076	0.094	0.093
	Left side	0.068	0.125	0.057	0.022	0.206	0.017	0.008	0.193	0.142	0.107	0.098	0.291	0.282
NR n41	Front side	0.084	0.110	0.096	0.121	0.428	0.006	0.012	0.194	0.185	0.211	0.218	0.518	0.525
	Back side	0.217	0.358	0.135	0.175	0.819	0.039	0.016	0.575	0.391	0.431	0.409	1.074	1.052
	Top side	0.006	0.189	0.068	0.081	0.385	0.010	0.009	0.194	0.084	0.097	0.096	0.400	0.399
	Bottom side	0.004	0.001	0.004	0.002	0.118	0.001	0.001	0.005	0.010	0.008	0.008	0.124	0.124
	Right side	0.013	0.024	0.008	0.072	0.089	0.002	0.001	0.038	0.023	0.088	0.087	0.105	0.103
	Left side	0.025	0.125	0.057	0.022	0.206	0.017	0.008	0.150	0.100	0.065	0.055	0.249	0.239

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### Calling\_Hotspot\_LAT

The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(LAT)

WWAN	Exposure position (g(W/Wg))	Scenario							Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		1	2	3	4	5	6	7	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1						
GPRS 850	Front side	0.813	0.110	0.096	0.121	0.428	0.006	0.012	0.924	0.915	0.840	0.947	1.247	1.254
	Back side	0.641	0.358	0.135	0.175	0.819	0.039	0.016	0.999	0.815	0.855	0.833	1.498	1.476
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.093	0.091	0.396	0.394
	Bottom side	0.632	0.001	0.004	0.002	0.118	0.001	0.001	0.633	0.638	0.636	0.636	0.752	0.752
	Right side	0.588	0.024	0.008	0.072	0.089	0.002	0.001	0.612	0.598	0.663	0.661	0.679	0.678
	Left side	0.153	0.125	0.057	0.022	0.206	0.017	0.008	0.278	0.227	0.192	0.183	0.376	0.367
GPRS 1900	Front side	0.393	0.110	0.096	0.121	0.428	0.006	0.012	0.503	0.494	0.520	0.527	0.827	0.834
	Back side	0.433	0.358	0.135	0.175	0.819	0.039	0.016	0.791	0.607	0.647	0.625	1.290	1.268
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.092	0.091	0.395	0.394
	Bottom side	1.136	0.001	0.004	0.002	0.118	0.001	0.001	1.137	1.141	1.139	1.139	1.255	1.255
	Right side	0.146	0.024	0.008	0.072	0.089	0.002	0.001	0.170	0.156	0.220	0.219	0.237	0.236
	Left side	0.240	0.125	0.057	0.022	0.206	0.017	0.008	0.365	0.314	0.279	0.270	0.463	0.454
WCDMA Band I	Front side	0.209	0.110	0.096	0.121	0.428	0.006	0.012	0.319	0.310	0.336	0.343	0.643	0.650
	Back side	0.373	0.358	0.135	0.175	0.819	0.039	0.016	0.731	0.547	0.587	0.564	1.230	1.208
	Top side	0.003	0.189	0.068	0.081	0.385	0.010	0.009	0.192	0.081	0.094	0.093	0.397	0.396
	Bottom side	1.172	0.001	0.004	0.002	0.118	0.001	0.001	1.173	1.178	1.176	1.176	1.292	1.292
	Right side	0.069	0.024	0.008	0.072	0.089	0.002	0.001	0.094	0.079	0.144	0.143	0.161	0.159
	Left side	0.124	0.125	0.057	0.022	0.206	0.017	0.008	0.249	0.198	0.163	0.154	0.347	0.338
WCDMA Band IV	Front side	0.292	0.110	0.096	0.121	0.428	0.006	0.012	0.403	0.393	0.419	0.426	0.726	0.733
	Back side	0.495	0.358	0.135	0.175	0.819	0.039	0.016	0.853	0.669	0.709	0.687	1.353	1.331
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.092	0.091	0.395	0.394
	Bottom side	1.098	0.001	0.004	0.002	0.118	0.001	0.001	1.099	1.103	1.101	1.101	1.217	1.217
	Right side	0.070	0.024	0.008	0.072	0.089	0.002	0.001	0.085	0.080	0.145	0.144	0.162	0.160
	Left side	0.164	0.125	0.057	0.022	0.206	0.017	0.008	0.289	0.208	0.184	0.184	0.387	0.378
WCDMA Band V	Front side	0.715	0.110	0.096	0.121	0.428	0.006	0.012	0.825	0.816	0.842	0.849	1.149	1.156
	Back side	0.634	0.358	0.135	0.175	0.819	0.039	0.016	0.992	0.808	0.848	0.826	1.492	1.470
	Top side	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.080	0.093	0.092	0.396	0.395
	Bottom side	0.428	0.001	0.004	0.002	0.118	0.001	0.001	0.429	0.434	0.431	0.431	0.548	0.548
	Right side	0.211	0.024	0.008	0.072	0.089	0.002	0.001	0.236	0.221	0.286	0.285	0.303	0.302
	Left side	0.142	0.125	0.057	0.022	0.206	0.017	0.008	0.267	0.217	0.182	0.173	0.366	0.357
LTE Band 7	Front side	0.343	0.110	0.096	0.121	0.428	0.006	0.012	0.453	0.444	0.470	0.477	0.777	0.784
	Back side	0.365	0.358	0.135	0.175	0.819	0.039	0.016	0.723	0.539	0.579	0.556	1.222	1.200
	Top side	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.191	0.080	0.093	0.092	0.396	0.395
	Bottom side	0.825	0.001	0.004	0.002	0.118	0.001	0.001	0.826	0.831	0.828	0.828	0.945	0.945
	Right side	0.071	0.024	0.008	0.072	0.089	0.002	0.001	0.095	0.081	0.145	0.144	0.162	0.161
	Left side	0.246	0.125	0.057	0.022	0.206	0.017	0.008	0.371	0.320	0.286	0.276	0.469	0.460
LTE Band 12	Front side	0.287	0.110	0.096	0.121	0.428	0.006	0.012	0.397	0.388	0.414	0.421	0.721	0.728
	Back side	0.272	0.358	0.135	0.175	0.819	0.039	0.016	0.630	0.446	0.486	0.464	1.129	1.107
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.093	0.091	0.396	0.394
	Bottom side	0.236	0.001	0.004	0.002	0.118	0.001	0.001	0.237	0.241	0.239	0.239	0.355	0.355
	Right side	0.003	0.024	0.008	0.072	0.089	0.002	0.001	0.028	0.013	0.078	0.077	0.095	0.093
	Left side	0.003	0.125	0.057	0.022	0.206	0.017	0.008	0.128	0.077	0.043	0.033	0.226	0.217
LTE Band 13	Front side	0.458	0.110	0.096	0.121	0.428	0.006	0.012	0.568	0.559	0.585	0.592	0.892	0.899
	Back side	0.395	0.358	0.135	0.175	0.819	0.039	0.016	0.753	0.569	0.610	0.587	1.253	1.231
	Top side	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.080	0.093	0.092	0.396	0.395
	Bottom side	0.304	0.001	0.004	0.002	0.118	0.001	0.001	0.305	0.309	0.307	0.307	0.423	0.423
	Right side	0.003	0.024	0.008	0.072	0.089	0.002	0.001	0.027	0.013	0.078	0.078	0.094	0.093
	Left side	0.002	0.125	0.057	0.022	0.206	0.017	0.008	0.127	0.076	0.041	0.032	0.225	0.216
LTE Band 25	Front side	0.442	0.110	0.096	0.121	0.428	0.006	0.012	0.552	0.543	0.569	0.576	0.876	0.883
	Back side	0.475	0.358	0.135	0.175	0.819	0.039	0.016	0.833	0.649	0.689	0.667	1.333	1.310
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.092	0.091	0.395	0.394
	Bottom side	1.152	0.001	0.004	0.002	0.118	0.001	0.001	1.153	1.157	1.155	1.155	1.271	1.271
	Right side	0.012	0.024	0.008	0.072	0.089	0.002	0.001	0.036	0.022	0.087	0.086	0.103	0.102
	Left side	0.225	0.125	0.057	0.022	0.206	0.017	0.009	0.350	0.299	0.264	0.255	0.448	0.439
LTE Band 26	Front side	0.482	0.110	0.096	0.121	0.428	0.006	0.012	0.592	0.583	0.609	0.616	0.916	0.923
	Back side	0.471	0.358	0.135	0.175	0.819	0.039	0.016	0.829	0.645	0.685	0.663	1.329	1.307
	Top side	0.006	0.189	0.068	0.081	0.385	0.010	0.009	0.195	0.084	0.098	0.096	0.401	0.399
	Bottom side	0.438	0.001	0.004	0.002	0.118	0.001	0.001	0.439	0.443	0.441	0.441	0.557	0.557
	Right side	0.338	0.024	0.008	0.072	0.089	0.002	0.001	0.362	0.348	0.413	0.411	0.429	0.428
	Left side	0.076	0.125	0.057	0.022	0.206	0.017	0.008	0.201	0.150	0.115	0.106	0.299	0.290
LTE Band 30	Front side	0.684	0.110	0.096	0.121	0.428	0.006	0.012	0.774	0.765	0.791	0.797	1.098	1.104
	Back side	0.684	0.358	0.135	0.175	0.819	0.039	0.016	1.042	0.858	0.898	0.876	1.541	1.519
	Top side	0.010	0.189	0.068	0.081	0.385	0.010	0.009	0.199	0.088	0.102	0.100	0.405	0.403
	Bottom side	0.888	0.001	0.004	0.002	0.118	0.001	0.001	0.889	0.894	0.891	0.891	1.008	1.008
	Right side	0.069	0.024	0.008	0.072	0.089	0.002	0.001	0.093	0.079	0.144	0.142	0.160	0.159
	Left side	0.467	0.125	0.057	0.022	0.206	0.017	0.008	0.592	0.542	0.507	0.498	0.691	0.682
LTE Band 41	Front side	0.355	0.110	0.096	0.121	0.428	0.006	0.012	0.465	0.456	0.482	0.489	0.789	0.796
	Back side	0.470	0.358	0.135	0.175	0.819	0.039	0.016	0.827	0.644	0.684	0.661	1.327	1.305
	Top side	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.191	0.080	0.093	0.092	0.396	0.395
	Bottom side	0.606	0.001	0.004	0.002	0.118	0.001	0.001	0.607	0.611	0.609	0.609	0.725	0.725
	Right side	0.005	0.024	0.008	0.072	0.089	0.002	0.001	0.029	0.015	0.079	0.078	0.096	0.095
	Left side	0.252	0.125	0.057	0.022	0.206	0.017	0.008	0.377	0.326	0.292	0.282	0.475	0.466
LTE Band 48	Front side	0.061	0.110	0.096	0.121	0.428	0.006	0.012	0.172	0.163	0.188	0.195	0.495	0.502
	Back side	0.208	0.358	0.135	0.175	0.819	0.039	0.0						

### Camera\_Body-worn\_UAT

The simultaneous body-worn exposure conditions for WLAN(Camera mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.025	0.004	0.056	0.081	0.003	0.016	0.556	0.537	0.589	0.602	0.614	0.628
	Back side	0.394	0.076	0.115	0.552	0.395	0.017	0.169	0.470	0.526	0.963	1.115	0.805	0.957
WCDMA Band V	Front side	0.299	0.025	0.004	0.056	0.081	0.003	0.016	0.324	0.305	0.357	0.370	0.382	0.395
	Back side	0.262	0.076	0.115	0.552	0.395	0.017	0.169	0.338	0.394	0.831	0.983	0.673	0.825
LTE Band 12	Front side	0.174	0.025	0.004	0.056	0.081	0.003	0.016	0.198	0.180	0.232	0.245	0.257	0.270
	Back side	0.140	0.076	0.115	0.552	0.395	0.017	0.169	0.216	0.273	0.710	0.862	0.552	0.704
LTE Band 13	Front side	0.314	0.025	0.004	0.056	0.081	0.003	0.016	0.339	0.321	0.372	0.386	0.398	0.411
	Back side	0.268	0.076	0.115	0.552	0.395	0.017	0.169	0.344	0.401	0.837	0.989	0.680	0.832
LTE Band 26	Front side	0.326	0.025	0.004	0.056	0.081	0.003	0.016	0.350	0.332	0.384	0.397	0.409	0.422
	Back side	0.258	0.076	0.115	0.552	0.395	0.017	0.169	0.335	0.391	0.828	0.980	0.670	0.822
LTE Band 71	Front side	0.128	0.025	0.004	0.056	0.081	0.003	0.016	0.153	0.135	0.186	0.200	0.212	0.225
	Back side	0.114	0.076	0.115	0.552	0.395	0.017	0.169	0.190	0.247	0.684	0.835	0.526	0.678
NR n41	Front side	0.084	0.025	0.004	0.056	0.081	0.003	0.016	0.109	0.090	0.142	0.155	0.167	0.181
	Back side	0.217	0.076	0.115	0.552	0.395	0.017	0.169	0.293	0.349	0.786	0.938	0.629	0.780

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### Camera\_Body-worn\_LAT

The simultaneous body-worn exposure conditions for WLAN(Camera mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.526	0.025	0.004	0.056	0.081	0.003	0.016	0.551	0.533	0.585	0.598	0.610	0.623
	Back side	0.451	0.076	0.115	0.552	0.395	0.017	0.169	0.527	0.584	1.021	1.172	0.863	1.015
GPRS 1900	Front side	0.257	0.025	0.004	0.056	0.081	0.003	0.016	0.281	0.263	0.315	0.328	0.340	0.353
	Back side	0.458	0.076	0.115	0.552	0.395	0.017	0.169	0.534	0.591	1.028	1.179	0.870	1.022
WCDMA Band II	Front side	0.353	0.025	0.004	0.056	0.081	0.003	0.016	0.377	0.359	0.411	0.424	0.436	0.449
	Back side	0.454	0.076	0.115	0.552	0.395	0.017	0.169	0.531	0.587	1.024	1.176	0.866	1.018
WCDMA Band IV	Front side	0.153	0.025	0.004	0.056	0.081	0.003	0.016	0.177	0.159	0.211	0.224	0.236	0.249
	Back side	0.212	0.076	0.115	0.552	0.395	0.017	0.169	0.288	0.345	0.781	0.933	0.624	0.776
WCDMA Band V	Front side	0.246	0.025	0.004	0.056	0.081	0.003	0.016	0.271	0.253	0.304	0.318	0.330	0.343
	Back side	0.164	0.076	0.115	0.552	0.395	0.017	0.169	0.240	0.297	0.733	0.885	0.576	0.728
LTE Band 7	Front side	0.214	0.025	0.004	0.056	0.081	0.003	0.016	0.238	0.220	0.272	0.285	0.297	0.310
	Back side	0.288	0.076	0.115	0.552	0.395	0.017	0.169	0.364	0.420	0.857	1.009	0.700	0.851
LTE Band 12	Front side	0.108	0.025	0.004	0.056	0.081	0.003	0.016	0.133	0.114	0.166	0.179	0.191	0.205
	Back side	0.308	0.076	0.115	0.552	0.395	0.017	0.169	0.384	0.440	0.877	1.029	0.720	0.871
LTE Band 13	Front side	0.054	0.025	0.004	0.056	0.081	0.003	0.016	0.078	0.060	0.112	0.125	0.137	0.150
	Back side	0.259	0.076	0.115	0.552	0.395	0.017	0.169	0.335	0.391	0.828	0.980	0.671	0.822
LTE Band 25	Front side	0.530	0.025	0.004	0.056	0.081	0.003	0.016	0.555	0.537	0.588	0.602	0.613	0.627
	Back side	0.619	0.076	0.115	0.552	0.395	0.017	0.169	0.695	0.752	1.189	1.340	1.031	1.183
LTE Band 26	Front side	0.227	0.025	0.004	0.056	0.081	0.003	0.016	0.252	0.234	0.285	0.299	0.310	0.324
	Back side	0.365	0.076	0.115	0.552	0.395	0.017	0.169	0.442	0.498	0.935	1.087	0.777	0.929
LTE Band 30	Front side	0.109	0.025	0.004	0.056	0.081	0.003	0.016	0.134	0.115	0.167	0.180	0.192	0.206
	Back side	0.223	0.076	0.115	0.552	0.395	0.017	0.169	0.299	0.356	0.793	0.945	0.635	0.787
LTE Band 41	Front side	0.147	0.025	0.004	0.056	0.081	0.003	0.016	0.172	0.153	0.205	0.219	0.230	0.244
	Back side	0.208	0.076	0.115	0.552	0.395	0.017	0.169	0.284	0.341	0.778	0.929	0.620	0.772
LTE Band 48	Front side	0.063	0.025	0.004	0.056	0.081	0.003	0.016	0.088	0.070	0.121	0.135	0.147	0.160
	Back side	0.098	0.076	0.115	0.552	0.395	0.017	0.169	0.174	0.231	0.668	0.819	0.510	0.662
LTE Band 66	Front side	0.245	0.025	0.004	0.056	0.081	0.003	0.016	0.270	0.252	0.303	0.317	0.329	0.342
	Back side	0.276	0.076	0.115	0.552	0.395	0.017	0.169	0.352	0.409	0.846	0.998	0.688	0.840
LTE Band 71	Front side	0.038	0.025	0.004	0.056	0.081	0.003	0.016	0.063	0.044	0.096	0.109	0.121	0.134
	Back side	0.032	0.076	0.115	0.552	0.395	0.017	0.169	0.108	0.164	0.601	0.753	0.443	0.595
NR n41	Front side	0.032	0.025	0.004	0.056	0.081	0.003	0.016	0.057	0.038	0.090	0.104	0.115	0.129
	Back side	0.212	0.076	0.115	0.552	0.395	0.017	0.169	0.288	0.345	0.781	0.933	0.624	0.776

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### Camera\_Hotspot\_UAT

The simultaneous hotspot exposure conditions for WLAN(Camera mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.088	0.027	0.122	0.083	0.006	0.026	0.619	0.563	0.659	0.679	0.620	0.640
	Back side	0.394	0.225	0.076	0.733	0.769	0.087	0.076	0.618	0.557	1.213	1.202	1.249	1.238
	Top side	0.285	0.181	0.001	0.147	0.003	0.072	0.001	0.466	0.358	0.504	0.433	0.360	0.289
	Bottom side	0.006	0.002	0.024	0.001	0.154	0.001	0.020	0.009	0.032	0.009	0.028	0.161	0.180
	Right side	0.241	0.005	0.005	0.031	0.087	0.003	0.004	0.246	0.249	0.275	0.276	0.331	0.332
	Left side	0.140	0.071	0.020	0.112	0.020	0.058	0.016	0.211	0.218	0.310	0.268	0.218	0.176
WCDMA Band V	Front side	0.299	0.088	0.027	0.122	0.083	0.006	0.026	0.387	0.331	0.427	0.447	0.387	0.408
	Back side	0.262	0.225	0.076	0.733	0.769	0.087	0.076	0.486	0.425	1.082	1.070	1.117	1.106
	Top side	0.248	0.181	0.001	0.147	0.003	0.072	0.001	0.429	0.322	0.468	0.396	0.324	0.252
	Bottom side	0.003	0.002	0.024	0.001	0.154	0.001	0.020	0.005	0.028	0.005	0.024	0.158	0.177
	Left side	0.152	0.005	0.005	0.031	0.087	0.003	0.004	0.157	0.160	0.186	0.187	0.242	0.243
LTE Band 12	Front side	0.096	0.071	0.020	0.112	0.020	0.058	0.016	0.168	0.174	0.267	0.225	0.174	0.132
	Back side	0.174	0.088	0.027	0.122	0.083	0.006	0.026	0.262	0.206	0.302	0.322	0.262	0.283
	Top side	0.140	0.225	0.076	0.733	0.769	0.087	0.076	0.365	0.304	0.960	0.949	0.996	0.985
	Bottom side	0.122	0.181	0.001	0.147	0.003	0.072	0.001	0.303	0.196	0.342	0.271	0.198	0.126
	Right side	0.003	0.002	0.024	0.001	0.154	0.001	0.020	0.005	0.028	0.005	0.024	0.158	0.177
	Left side	0.105	0.005	0.005	0.031	0.087	0.003	0.004	0.110	0.113	0.140	0.140	0.195	0.196
LTE Band 13	Front side	0.007	0.071	0.020	0.112	0.020	0.058	0.016	0.078	0.085	0.177	0.135	0.085	0.043
	Back side	0.314	0.088	0.027	0.122	0.083	0.006	0.026	0.402	0.346	0.442	0.463	0.403	0.423
	Top side	0.268	0.225	0.076	0.733	0.769	0.087	0.076	0.493	0.431	1.088	1.076	1.124	1.112
	Bottom side	0.200	0.181	0.001	0.147	0.003	0.072	0.001	0.381	0.273	0.420	0.348	0.275	0.204
	Left side	0.007	0.002	0.024	0.001	0.154	0.001	0.020	0.009	0.032	0.009	0.028	0.162	0.181
LTE Band 26	Front side	0.158	0.005	0.005	0.031	0.087	0.003	0.004	0.164	0.167	0.193	0.194	0.249	0.249
	Back side	0.083	0.071	0.020	0.112	0.020	0.058	0.016	0.154	0.161	0.253	0.211	0.161	0.119
	Top side	0.326	0.088	0.027	0.122	0.083	0.006	0.026	0.414	0.358	0.454	0.474	0.414	0.435
	Bottom side	0.258	0.225	0.076	0.733	0.769	0.087	0.076	0.483	0.422	1.078	1.067	1.114	1.103
	Right side	0.204	0.181	0.001	0.147	0.003	0.072	0.001	0.386	0.278	0.424	0.353	0.280	0.208
	Left side	0.001	0.002	0.024	0.001	0.154	0.001	0.020	0.003	0.026	0.003	0.022	0.156	0.175
LTE Band 71	Front side	0.131	0.005	0.005	0.031	0.087	0.003	0.004	0.136	0.139	0.166	0.166	0.221	0.222
	Back side	0.102	0.071	0.020	0.112	0.020	0.058	0.016	0.173	0.180	0.272	0.230	0.180	0.138
	Top side	0.128	0.088	0.027	0.122	0.083	0.006	0.026	0.216	0.161	0.256	0.277	0.217	0.237
	Bottom side	0.114	0.225	0.076	0.733	0.769	0.087	0.076	0.339	0.277	0.934	0.922	0.970	0.958
	Right side	0.095	0.181	0.001	0.147	0.003	0.072	0.001	0.276	0.169	0.315	0.243	0.171	0.099
	Left side	0.001	0.002	0.024	0.001	0.154	0.001	0.020	0.003	0.026	0.003	0.022	0.156	0.175
NR n41	Front side	0.002	0.005	0.005	0.031	0.087	0.003	0.004	0.008	0.010	0.037	0.037	0.093	0.093
	Back side	0.068	0.071	0.020	0.112	0.020	0.058	0.016	0.139	0.146	0.238	0.196	0.146	0.104
	Top side	0.084	0.088	0.027	0.122	0.083	0.006	0.026	0.172	0.116	0.212	0.232	0.173	0.193
	Bottom side	0.217	0.225	0.076	0.733	0.769	0.087	0.076	0.441	0.380	1.037	1.025	1.073	1.061
	Right side	0.006	0.181	0.001	0.147	0.003	0.072	0.001	0.187	0.079	0.226	0.154	0.081	0.010
	Left side	0.004	0.002	0.024	0.001	0.154	0.001	0.020	0.007	0.030	0.007	0.026	0.159	0.178

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### Camera\_Hotspot\_LAT

The simultaneous hotspot exposure conditions for WLAN(Camera mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	Scenario (LAT)													
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	Scenario 1 1+2 Sum	Scenario 2 1+3+6 Sum	Scenario 3 1+4+6 Sum	Scenario 4 1+4+7 Sum	Scenario 5 1+5+6 Sum	Scenario 6 1+5+7 Sum	
GPRS 850	Front side	0.456	0.088	0.027	0.122	0.083	0.006	0.026	0.544	0.488	0.584	0.604	0.545	0.565	
	Back side	0.407	0.225	0.076	0.733	0.769	0.087	0.076	0.631	0.570	1.227	1.215	1.262	1.251	
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077	0.005	
	Bottom side	0.397	0.002	0.024	0.001	0.154	0.001	0.020	0.399	0.422	0.399	0.418	0.551	0.570	
	Right side	0.369	0.005	0.005	0.031	0.087	0.003	0.004	0.375	0.377	0.404	0.404	0.460	0.460	
	Left side	0.096	0.071	0.020	0.112	0.020	0.058	0.016	0.167	0.173	0.266	0.224	0.174	0.132	
GPRS 1900	Front side	0.393	0.088	0.027	0.122	0.083	0.006	0.026	0.481	0.425	0.521	0.541	0.482	0.502	
	Back side	0.433	0.225	0.076	0.733	0.769	0.087	0.076	0.658	0.596	1.253	1.241	1.289	1.277	
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077	0.005	
	Bottom side	1.136	0.002	0.024	0.001	0.154	0.001	0.020	1.138	1.161	1.138	1.157	1.291	1.310	
	Right side	0.146	0.005	0.005	0.031	0.087	0.003	0.004	0.151	0.154	0.180	0.181	0.236	0.237	
	Left side	0.240	0.071	0.020	0.112	0.020	0.058	0.016	0.311	0.318	0.410	0.388	0.318	0.276	
WCDMA Band II	Front side	0.209	0.088	0.027	0.122	0.083	0.006	0.026	0.297	0.241	0.337	0.357	0.298	0.318	
	Back side	0.373	0.225	0.076	0.733	0.769	0.087	0.076	0.597	0.536	1.193	1.181	1.228	1.217	
	Top side	0.003	0.181	0.001	0.147	0.003	0.072	0.001	0.184	0.077	0.223	0.151	0.079	0.007	
	Bottom side	1.172	0.002	0.024	0.001	0.154	0.001	0.020	1.175	1.198	1.175	1.194	1.327	1.346	
	Right side	0.069	0.005	0.005	0.031	0.087	0.003	0.004	0.075	0.077	0.104	0.104	0.160	0.160	
	Left side	0.124	0.071	0.020	0.112	0.020	0.058	0.016	0.195	0.201	0.294	0.252	0.202	0.160	
WCDMA Band IV	Front side	0.292	0.088	0.027	0.122	0.083	0.006	0.026	0.380	0.324	0.420	0.441	0.381	0.401	
	Back side	0.495	0.225	0.076	0.733	0.769	0.087	0.076	0.720	0.659	1.315	1.304	1.351	1.340	
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077	0.005	
	Bottom side	1.098	0.002	0.024	0.001	0.154	0.001	0.020	1.100	1.123	1.100	1.119	1.252	1.271	
	Right side	0.070	0.005	0.005	0.031	0.087	0.003	0.004	0.076	0.078	0.105	0.105	0.161	0.161	
	Left side	0.164	0.071	0.020	0.112	0.020	0.058	0.016	0.235	0.242	0.334	0.292	0.242	0.200	
WCDMA Band V	Front side	0.614	0.088	0.027	0.122	0.083	0.006	0.026	0.702	0.646	0.742	0.763	0.703	0.723	
	Back side	0.487	0.225	0.076	0.733	0.769	0.087	0.076	0.711	0.650	1.307	1.295	1.342	1.331	
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077	0.005	
	Bottom side	0.368	0.002	0.024	0.001	0.154	0.001	0.020	0.370	0.393	0.370	0.389	0.523	0.542	
	Right side	0.174	0.005	0.005	0.031	0.087	0.003	0.004	0.180	0.182	0.209	0.210	0.265	0.265	
	Left side	0.119	0.071	0.020	0.112	0.020	0.058	0.016	0.197	0.200	0.290	0.248	0.197	0.156	
LTE Band 7	Front side	0.343	0.088	0.027	0.122	0.083	0.006	0.026	0.431	0.375	0.471	0.491	0.432	0.452	
	Back side	0.365	0.225	0.076	0.733	0.769	0.087	0.076	0.589	0.528	1.185	1.173	1.220	1.209	
	Top side	0.002	0.181	0.001	0.147	0.003	0.072	0.001	0.183	0.076	0.222	0.150	0.078	0.006	
	Bottom side	0.825	0.002	0.024	0.001	0.154	0.001	0.020	0.827	0.850	0.827	0.846	0.980	0.999	
	Right side	0.071	0.005	0.005	0.031	0.087	0.003	0.004	0.076	0.079	0.105	0.106	0.161	0.162	
	Left side	0.246	0.071	0.020	0.112	0.020	0.058	0.016	0.317	0.324	0.416	0.374	0.324	0.282	
LTE Band 12	Front side	0.287	0.088	0.027	0.122	0.083	0.006	0.026	0.375	0.319	0.415	0.435	0.376	0.386	
	Back side	0.272	0.225	0.076	0.733	0.769	0.087	0.076	0.496	0.435	1.092	1.080	1.128	1.116	
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.150	0.077	0.005	
	Bottom side	0.236	0.002	0.024	0.001	0.154	0.001	0.020	0.238	0.261	0.238	0.257	0.391	0.410	
	Right side	0.003	0.005	0.005	0.031	0.087	0.003	0.004	0.008	0.011	0.038	0.038	0.094	0.094	
	Left side	0.003	0.071	0.020	0.112	0.020	0.058	0.016	0.074	0.081	0.173	0.131	0.081	0.039	
LTE Band 13	Front side	0.452	0.088	0.027	0.122	0.083	0.006	0.026	0.546	0.490	0.586	0.606	0.547	0.567	
	Back side	0.395	0.225	0.076	0.733	0.769	0.087	0.076	0.620	0.559	1.215	1.204	1.251	1.240	
	Top side	0.002	0.181	0.001	0.147	0.003	0.072	0.001	0.183	0.075	0.221	0.150	0.077	0.006	
	Bottom side	0.304	0.002	0.024	0.001	0.154	0.001	0.020	0.306	0.329	0.306	0.325	0.459	0.478	
	Right side	0.003	0.005	0.005	0.031	0.087	0.003	0.004	0.008	0.011	0.037	0.038	0.093	0.094	
	Left side	0.002	0.071	0.020	0.112	0.020	0.058	0.016	0.073	0.079	0.172	0.130	0.080	0.038	
LTE Band 25	Front side	0.442	0.088	0.027	0.122	0.083	0.006	0.026	0.530	0.474	0.570	0.590	0.531	0.551	
	Back side	0.475	0.225	0.076	0.733	0.769	0.087	0.076	0.700	0.638	1.295	1.283	1.331	1.319	
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077	0.005	
	Bottom side	1.152	0.002	0.024	0.001	0.154	0.001	0.020	1.154	1.177	1.154	1.173	1.307	1.326	
	Right side	0.012	0.005	0.005	0.031	0.087	0.003	0.004	0.017	0.020	0.047	0.047	0.102	0.103	
	Left side	0.225	0.071	0.020	0.112	0.020	0.058	0.016	0.296	0.302	0.395	0.353	0.302	0.261	
LTE Band 26	Front side	0.482	0.088	0.027	0.122	0.083	0.006	0.026	0.570	0.514	0.610	0.630	0.571	0.591	
	Back side	0.471	0.225	0.076	0.733	0.769	0.087	0.076	0.696	0.635	1.291	1.280	1.327	1.316	
	Top side	0.006	0.181	0.001	0.147	0.003	0.072	0.001	0.187	0.080	0.226	0.155	0.082	0.010	
	Bottom side	0.438	0.002	0.024	0.001	0.154	0.001	0.020	0.440	0.463	0.440	0.459	0.592	0.612	
	Right side	0.338	0.005	0.005	0.031	0.087	0.003	0.004	0.343	0.346	0.372	0.373	0.428	0.429	
	Left side	0.076	0.071	0.020	0.112	0.020	0.058	0.016	0.147	0.154	0.246	0.204	0.154	0.112	
LTE Band 30	Front side	0.423	0.088	0.027	0.122	0.083	0.006	0.026	0.511	0.455	0.551	0.571	0.512	0.532	
	Back side	0.435	0.225	0.076	0.733	0.769	0.087	0.076	0.680	0.598	1.255	1.243	1.291	1.279	
	Top side	0.006	0.181	0.001	0.147	0.003	0.072	0.001	0.187	0.080	0.226	0.154	0.082	0.010	
	Bottom side	0.567	0.002	0.024	0.001	0.154	0.001	0.020	0.569	0.592	0.569	0.588	0.721	0.741	
	Right side	0.043	0.005	0.005	0.031	0.087	0.003	0.004	0.049	0.051	0.078	0.079	0.134	0.134	
	Left side	0.294	0.071	0.020	0.112	0.020	0.058	0.016	0.366	0.372	0.465	0.423	0.372	0.330	
LTE Band 41	Front side	0.355	0.088	0.027	0.122	0.083	0.006	0.026	0.443	0.387	0.483	0.503	0.444	0.464	
	Back side	0.470	0.225	0.076	0.733	0.769	0.087	0.076	0.694	0.633	1.290	1.279	1.325	1.314	
	Top side	0.002	0.181	0.001	0.147	0.003	0.072	0.001	0.183	0.076	0.222	0.150	0.078	0.006	
	Bottom side	0.606	0.002	0.024	0.001	0.154	0.001	0.020	0.608	0.631	0.608	0.627	0.760	0.779	
	Right side	0.005	0.005	0.005	0.031	0.087	0.003	0.004	0.010	0.013	0.039	0.040	0.095	0.096	
	Left side	0.252	0.071	0.020	0.112	0.020	0.058	0.016	0.323	0.330	0.422	0.380	0.330	0.288	
LTE Band 48	Front side	0.061	0.088	0.027	0.122	0.083	0.006	0.026	0.149	0.094	0.189	0.210	0.160	0.170	
	Back side	0.028	0.181	0.001	0.147	0.003	0.072	0.001	0.209	0.101	0.248	0.176	0.103	0.032	
	Top side	0.001	0.002	0.024	0.001										

### Normal\_Landscape\_Body\_UAT

The simultaneous body-worn exposure conditions for WLAN(normal landscape mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.046	0.004	0.082	0.081	0.002	0.016	0.577	0.537	0.615	0.628	0.614	0.628
	Back side	0.394	0.164	0.115	0.126	0.395	0.014	0.169	0.557	0.523	0.533	0.688	0.802	0.957
WCDMA Band V	Front side	0.299	0.046	0.004	0.082	0.081	0.002	0.016	0.345	0.305	0.382	0.396	0.382	0.395
	Back side	0.262	0.164	0.115	0.126	0.395	0.014	0.169	0.425	0.391	0.401	0.556	0.670	0.825
LTE Band 12	Front side	0.174	0.046	0.004	0.082	0.081	0.002	0.016	0.219	0.180	0.257	0.271	0.256	0.270
	Back side	0.140	0.164	0.115	0.126	0.395	0.014	0.169	0.304	0.269	0.280	0.435	0.549	0.704
LTE Band 13	Front side	0.314	0.046	0.004	0.082	0.081	0.002	0.016	0.360	0.320	0.398	0.412	0.397	0.411
	Back side	0.268	0.164	0.115	0.126	0.395	0.014	0.169	0.432	0.397	0.407	0.563	0.676	0.832
LTE Band 26	Front side	0.326	0.046	0.004	0.082	0.081	0.002	0.016	0.372	0.332	0.409	0.423	0.409	0.422
	Back side	0.258	0.164	0.115	0.126	0.395	0.014	0.169	0.422	0.388	0.398	0.553	0.667	0.822
LTE Band 71	Front side	0.128	0.046	0.004	0.082	0.081	0.002	0.016	0.174	0.134	0.212	0.226	0.211	0.225
	Back side	0.114	0.164	0.115	0.126	0.395	0.014	0.169	0.278	0.243	0.253	0.409	0.523	0.678
NR n41	Front side	0.084	0.046	0.004	0.082	0.081	0.002	0.016	0.130	0.090	0.168	0.182	0.167	0.181
	Back side	0.217	0.164	0.115	0.126	0.395	0.014	0.169	0.381	0.346	0.356	0.511	0.625	0.780

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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The simultaneous body-worn exposure conditions for WLAN(normal landscape mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.526	0.046	0.004	0.082	0.081	0.002	0.016	0.572	0.532	0.610	0.624	0.609	0.623
	Back side	0.451	0.164	0.115	0.126	0.395	0.014	0.169	0.615	0.580	0.590	0.746	0.859	1.015
GPRS 1900	Front side	0.257	0.046	0.004	0.082	0.081	0.002	0.016	0.302	0.262	0.340	0.354	0.339	0.353
	Back side	0.458	0.164	0.115	0.126	0.395	0.014	0.169	0.622	0.587	0.597	0.753	0.866	1.022
WCDMA Band II	Front side	0.353	0.046	0.004	0.082	0.081	0.002	0.016	0.398	0.358	0.436	0.450	0.435	0.449
	Back side	0.454	0.164	0.115	0.126	0.395	0.014	0.169	0.618	0.584	0.594	0.749	0.863	1.018
WCDMA Band IV	Front side	0.153	0.046	0.004	0.082	0.081	0.002	0.016	0.198	0.158	0.236	0.250	0.235	0.249
	Back side	0.212	0.164	0.115	0.126	0.395	0.014	0.169	0.376	0.341	0.351	0.507	0.620	0.776
WCDMA Band V	Front side	0.246	0.046	0.004	0.082	0.081	0.002	0.016	0.292	0.252	0.330	0.344	0.329	0.343
	Back side	0.164	0.164	0.115	0.126	0.395	0.014	0.169	0.328	0.293	0.303	0.459	0.572	0.728
LTE Band 7	Front side	0.214	0.046	0.004	0.082	0.081	0.002	0.016	0.259	0.219	0.297	0.311	0.296	0.310
	Back side	0.288	0.164	0.115	0.126	0.395	0.014	0.169	0.452	0.417	0.427	0.582	0.696	0.851
LTE Band 12	Front side	0.108	0.046	0.004	0.082	0.081	0.002	0.016	0.154	0.114	0.192	0.206	0.191	0.205
	Back side	0.308	0.164	0.115	0.126	0.395	0.014	0.169	0.472	0.437	0.447	0.602	0.716	0.871
LTE Band 13	Front side	0.054	0.046	0.004	0.082	0.081	0.002	0.016	0.099	0.059	0.137	0.151	0.136	0.150
	Back side	0.259	0.164	0.115	0.126	0.395	0.014	0.169	0.423	0.388	0.398	0.553	0.667	0.822
LTE Band 25	Front side	0.530	0.046	0.004	0.082	0.081	0.002	0.016	0.576	0.536	0.614	0.628	0.613	0.627
	Back side	0.619	0.164	0.115	0.126	0.395	0.014	0.169	0.783	0.748	0.759	0.914	1.028	1.183
LTE Band 26	Front side	0.227	0.046	0.004	0.082	0.081	0.002	0.016	0.273	0.233	0.311	0.325	0.310	0.324
	Back side	0.365	0.164	0.115	0.126	0.395	0.014	0.169	0.529	0.495	0.505	0.660	0.774	0.929
LTE Band 30	Front side	0.109	0.046	0.004	0.082	0.081	0.002	0.016	0.155	0.115	0.193	0.207	0.192	0.206
	Back side	0.223	0.164	0.115	0.126	0.395	0.014	0.169	0.387	0.353	0.363	0.518	0.632	0.787
LTE Band 41	Front side	0.147	0.046	0.004	0.082	0.081	0.002	0.016	0.193	0.153	0.231	0.245	0.230	0.244
	Back side	0.208	0.164	0.115	0.126	0.395	0.014	0.169	0.372	0.337	0.348	0.503	0.617	0.772
LTE Band 48	Front side	0.063	0.046	0.004	0.082	0.081	0.002	0.016	0.109	0.069	0.147	0.161	0.146	0.160
	Back side	0.098	0.164	0.115	0.126	0.395	0.014	0.169	0.262	0.227	0.237	0.393	0.507	0.662
LTE Band 66	Front side	0.245	0.046	0.004	0.082	0.081	0.002	0.016	0.291	0.251	0.329	0.343	0.328	0.342
	Back side	0.276	0.164	0.115	0.126	0.395	0.014	0.169	0.440	0.405	0.416	0.571	0.685	0.840
LTE Band 71	Front side	0.038	0.046	0.004	0.082	0.081	0.002	0.016	0.084	0.044	0.122	0.135	0.121	0.134
	Back side	0.032	0.164	0.115	0.126	0.395	0.014	0.169	0.196	0.161	0.171	0.326	0.440	0.595
NR n41	Front side	0.032	0.046	0.004	0.082	0.081	0.002	0.016	0.078	0.038	0.116	0.130	0.115	0.129
	Back side	0.212	0.164	0.115	0.126	0.395	0.014	0.169	0.376	0.341	0.351	0.507	0.620	0.776

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### Normal\_Landscape\_Hotspot\_UAT

The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.110	0.027	0.121	0.083	0.006	0.026	0.641	0.563	0.658	0.678	0.620	0.640
	Back side	0.394	0.358	0.076	0.175	0.769	0.039	0.076	0.751	0.508	0.608	0.645	1.201	1.238
	Top side	0.285	0.189	0.001	0.081	0.003	0.010	0.001	0.473	0.295	0.376	0.367	0.297	0.289
	Bottom side	0.006	0.001	0.024	0.002	0.154	0.001	0.020	0.007	0.031	0.010	0.029	0.161	0.180
	Right side	0.241	0.024	0.005	0.072	0.087	0.002	0.004	0.265	0.248	0.315	0.317	0.330	0.332
	Left side	0.140	0.125	0.020	0.022	0.020	0.017	0.016	0.265	0.177	0.179	0.178	0.177	0.176
WCDMA Band V	Front side	0.299	0.110	0.027	0.121	0.083	0.006	0.026	0.409	0.331	0.426	0.446	0.388	0.408
	Back side	0.262	0.358	0.076	0.175	0.769	0.039	0.076	0.619	0.376	0.476	0.513	1.069	1.106
	Top side	0.248	0.189	0.001	0.081	0.003	0.010	0.001	0.437	0.259	0.339	0.330	0.261	0.252
	Bottom side	0.003	0.001	0.024	0.002	0.154	0.001	0.020	0.004	0.028	0.006	0.025	0.158	0.177
	Right side	0.152	0.024	0.005	0.072	0.087	0.002	0.004	0.176	0.159	0.226	0.228	0.241	0.243
	Left side	0.096	0.125	0.020	0.022	0.020	0.017	0.016	0.221	0.134	0.136	0.135	0.134	0.132
LTE Band 12	Front side	0.174	0.110	0.027	0.121	0.083	0.006	0.026	0.284	0.206	0.301	0.321	0.262	0.283
	Back side	0.140	0.358	0.076	0.175	0.769	0.039	0.076	0.498	0.255	0.354	0.391	0.947	0.985
	Top side	0.122	0.189	0.001	0.081	0.003	0.010	0.001	0.311	0.133	0.214	0.205	0.135	0.126
	Bottom side	0.003	0.001	0.024	0.002	0.154	0.001	0.020	0.004	0.028	0.006	0.025	0.157	0.177
	Right side	0.105	0.024	0.005	0.072	0.087	0.002	0.004	0.129	0.112	0.180	0.181	0.194	0.196
	Left side	0.007	0.125	0.020	0.022	0.020	0.017	0.016	0.132	0.044	0.047	0.045	0.045	0.043
LTE Band 13	Front side	0.314	0.110	0.027	0.121	0.083	0.006	0.026	0.424	0.347	0.441	0.462	0.403	0.423
	Back side	0.268	0.358	0.076	0.175	0.769	0.039	0.076	0.626	0.383	0.482	0.519	1.075	1.112
	Top side	0.200	0.189	0.001	0.081	0.003	0.010	0.001	0.388	0.211	0.291	0.282	0.213	0.204
	Bottom side	0.007	0.001	0.024	0.002	0.154	0.001	0.020	0.008	0.032	0.010	0.029	0.162	0.181
	Right side	0.158	0.024	0.005	0.072	0.087	0.002	0.004	0.183	0.165	0.233	0.235	0.248	0.249
	Left side	0.083	0.125	0.020	0.022	0.020	0.017	0.016	0.208	0.120	0.123	0.121	0.120	0.119
LTE Band 26	Front side	0.326	0.110	0.027	0.121	0.083	0.006	0.026	0.436	0.358	0.453	0.473	0.415	0.435
	Back side	0.258	0.358	0.076	0.175	0.769	0.039	0.076	0.616	0.373	0.473	0.510	1.066	1.103
	Top side	0.204	0.189	0.001	0.081	0.003	0.010	0.001	0.393	0.215	0.296	0.287	0.217	0.208
	Bottom side	0.001	0.001	0.024	0.002	0.154	0.001	0.020	0.002	0.026	0.004	0.024	0.156	0.175
	Right side	0.131	0.024	0.005	0.072	0.087	0.002	0.004	0.155	0.138	0.206	0.207	0.220	0.222
	Left side	0.102	0.125	0.020	0.022	0.020	0.017	0.016	0.227	0.139	0.142	0.141	0.140	0.138
LTE Band 71	Front side	0.128	0.110	0.027	0.121	0.083	0.006	0.026	0.239	0.161	0.255	0.276	0.217	0.237
	Back side	0.114	0.358	0.076	0.175	0.769	0.039	0.076	0.472	0.229	0.328	0.365	0.921	0.958
	Top side	0.095	0.189	0.001	0.081	0.003	0.010	0.001	0.284	0.106	0.186	0.178	0.108	0.099
	Bottom side	0.001	0.001	0.024	0.002	0.154	0.001	0.020	0.002	0.026	0.004	0.024	0.156	0.175
	Right side	0.002	0.024	0.005	0.072	0.087	0.002	0.004	0.027	0.009	0.077	0.079	0.092	0.093
	Left side	0.068	0.125	0.020	0.022	0.020	0.017	0.016	0.193	0.105	0.107	0.106	0.105	0.104
NR n41	Front side	0.084	0.110	0.027	0.121	0.083	0.006	0.026	0.194	0.116	0.211	0.231	0.173	0.193
	Back side	0.217	0.358	0.076	0.175	0.769	0.039	0.076	0.575	0.331	0.431	0.468	1.024	1.061
	Top side	0.006	0.189	0.001	0.081	0.003	0.010	0.001	0.194	0.017	0.097	0.088	0.019	0.010
	Bottom side	0.004	0.001	0.024	0.002	0.154	0.001	0.020	0.005	0.029	0.008	0.027	0.159	0.178
	Right side	0.013	0.024	0.005	0.072	0.087	0.002	0.004	0.038	0.020	0.088	0.090	0.103	0.104
	Left side	0.025	0.125	0.020	0.022	0.020	0.017	0.016	0.150	0.062	0.065	0.063	0.062	0.061

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### Normal\_Landscape\_Hotspot\_LAT

The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN(LAT)

WWAN	Exposure position (µW/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.727	0.110	0.027	0.121	0.083	0.006	0.026	0.837	0.759	0.854	0.874	0.816	0.836
	Back side	0.574	0.358	0.076	0.175	0.769	0.039	0.076	0.932	0.689	0.788	0.826	1.382	1.419
	Top side	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.013	0.093	0.084	0.014	0.006
	Bottom side	0.560	0.001	0.024	0.002	0.154	0.001	0.020	0.561	0.585	0.563	0.582	0.715	0.734
	Right side	0.522	0.024	0.005	0.072	0.087	0.002	0.004	0.546	0.529	0.596	0.598	0.611	0.612
	Left side	0.135	0.125	0.020	0.022	0.020	0.017	0.016	0.280	0.172	0.175	0.173	0.172	0.171
GPRS 1900	Front side	0.393	0.110	0.027	0.121	0.083	0.006	0.026	0.503	0.425	0.520	0.540	0.482	0.502
	Back side	0.433	0.358	0.076	0.175	0.769	0.039	0.076	0.791	0.548	0.647	0.684	1.240	1.277
	Top side	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.012	0.092	0.083	0.014	0.005
	Bottom side	1.136	0.001	0.024	0.002	0.154	0.001	0.020	1.137	1.161	1.139	1.158	1.291	1.310
	Right side	0.146	0.024	0.005	0.072	0.087	0.002	0.004	0.170	0.153	0.220	0.222	0.235	0.237
	Left side	0.240	0.125	0.020	0.022	0.020	0.017	0.016	0.365	0.277	0.279	0.278	0.277	0.276
WCDMA Band II	Front side	0.209	0.110	0.027	0.121	0.083	0.006	0.026	0.319	0.242	0.336	0.356	0.298	0.318
	Back side	0.373	0.358	0.076	0.175	0.769	0.039	0.076	0.731	0.487	0.587	0.624	1.180	1.217
	Top side	0.003	0.189	0.001	0.081	0.003	0.010	0.001	0.192	0.014	0.094	0.085	0.016	0.007
	Bottom side	1.172	0.001	0.024	0.002	0.154	0.001	0.020	1.173	1.197	1.176	1.195	1.327	1.346
	Right side	0.069	0.024	0.005	0.072	0.087	0.002	0.004	0.094	0.076	0.144	0.146	0.159	0.160
	Left side	0.124	0.125	0.020	0.022	0.020	0.017	0.016	0.249	0.161	0.163	0.162	0.161	0.160
WCDMA Band IV	Front side	0.292	0.110	0.027	0.121	0.083	0.006	0.026	0.403	0.325	0.419	0.440	0.381	0.401
	Back side	0.495	0.358	0.076	0.175	0.769	0.039	0.076	0.853	0.610	0.709	0.746	1.302	1.340
	Top side	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.012	0.092	0.083	0.014	0.005
	Bottom side	1.098	0.001	0.024	0.002	0.154	0.001	0.020	1.099	1.123	1.101	1.120	1.252	1.271
	Right side	0.070	0.024	0.005	0.072	0.087	0.002	0.004	0.095	0.077	0.145	0.147	0.160	0.161
	Left side	0.164	0.125	0.020	0.022	0.020	0.017	0.016	0.289	0.201	0.203	0.202	0.201	0.200
WCDMA Band V	Front side	0.715	0.110	0.027	0.121	0.083	0.006	0.026	0.825	0.748	0.842	0.862	0.804	0.824
	Back side	0.634	0.358	0.076	0.175	0.769	0.039	0.076	0.992	0.749	0.848	0.885	1.441	1.478
	Top side	0.003	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.013	0.093	0.084	0.015	0.006
	Bottom side	0.428	0.001	0.024	0.002	0.154	0.001	0.020	0.429	0.453	0.431	0.451	0.583	0.602
	Right side	0.211	0.024	0.005	0.072	0.087	0.002	0.004	0.236	0.218	0.286	0.288	0.301	0.302
	Left side	0.142	0.125	0.020	0.022	0.020	0.017	0.016	0.267	0.180	0.182	0.181	0.180	0.178
LTE Band 7	Front side	0.343	0.110	0.027	0.121	0.083	0.006	0.026	0.453	0.375	0.470	0.490	0.432	0.452
	Back side	0.365	0.358	0.076	0.175	0.769	0.039	0.076	0.723	0.479	0.579	0.616	1.172	1.209
	Top side	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.191	0.013	0.093	0.084	0.015	0.006
	Bottom side	0.625	0.001	0.024	0.002	0.154	0.001	0.020	0.626	0.650	0.628	0.648	0.960	0.999
	Right side	0.071	0.024	0.005	0.072	0.087	0.002	0.004	0.095	0.078	0.145	0.147	0.160	0.162
	Left side	0.246	0.125	0.020	0.022	0.020	0.017	0.016	0.371	0.283	0.286	0.284	0.283	0.282
LTE Band 12	Front side	0.287	0.110	0.027	0.121	0.083	0.006	0.026	0.397	0.319	0.414	0.434	0.376	0.396
	Back side	0.272	0.358	0.076	0.175	0.769	0.039	0.076	0.630	0.387	0.486	0.523	1.079	1.116
	Top side	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.012	0.093	0.084	0.014	0.005
	Bottom side	0.236	0.001	0.024	0.002	0.154	0.001	0.020	0.237	0.261	0.239	0.258	0.391	0.410
	Right side	0.003	0.024	0.005	0.072	0.087	0.002	0.004	0.029	0.010	0.078	0.079	0.093	0.094
	Left side	0.003	0.125	0.020	0.022	0.020	0.017	0.016	0.128	0.040	0.043	0.041	0.040	0.039
LTE Band 13	Front side	0.458	0.110	0.027	0.121	0.083	0.006	0.026	0.568	0.490	0.585	0.605	0.547	0.567
	Back side	0.395	0.358	0.076	0.175	0.769	0.039	0.076	0.753	0.510	0.610	0.647	1.203	1.240
	Top side	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.013	0.093	0.084	0.015	0.006
	Bottom side	0.304	0.001	0.024	0.002	0.154	0.001	0.020	0.305	0.329	0.307	0.326	0.459	0.478
	Right side	0.003	0.024	0.005	0.072	0.087	0.002	0.004	0.027	0.010	0.078	0.079	0.092	0.094
	Left side	0.002	0.125	0.020	0.022	0.020	0.017	0.016	0.127	0.039	0.041	0.040	0.039	0.038
LTE Band 25	Front side	0.442	0.110	0.027	0.121	0.083	0.006	0.026	0.552	0.474	0.569	0.589	0.531	0.551
	Back side	0.475	0.358	0.076	0.175	0.769	0.039	0.076	0.833	0.590	0.689	0.726	1.282	1.319
	Top side	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.012	0.092	0.083	0.014	0.005
	Bottom side	1.152	0.001	0.024	0.002	0.154	0.001	0.020	1.153	1.177	1.155	1.174	1.307	1.326
	Right side	0.012	0.024	0.005	0.072	0.087	0.002	0.004	0.036	0.019	0.087	0.088	0.101	0.103
	Left side	0.225	0.125	0.020	0.022	0.020	0.017	0.016	0.350	0.262	0.264	0.263	0.262	0.261
LTE Band 26	Front side	0.482	0.110	0.027	0.121	0.083	0.006	0.026	0.592	0.514	0.609	0.629	0.571	0.591
	Back side	0.471	0.358	0.076	0.175	0.769	0.039	0.076	0.829	0.586	0.685	0.722	1.279	1.316
	Top side	0.006	0.189	0.001	0.081	0.003	0.010	0.001	0.195	0.017	0.098	0.089	0.019	0.010
	Bottom side	0.438	0.001	0.024	0.002	0.154	0.001	0.020	0.439	0.463	0.441	0.460	0.592	0.612
	Right side	0.338	0.024	0.005	0.072	0.087	0.002	0.004	0.362	0.345	0.413	0.414	0.427	0.429
	Left side	0.076	0.125	0.020	0.022	0.020	0.017	0.016	0.201	0.113	0.115	0.114	0.113	0.112
LTE Band 30	Front side	0.597	0.110	0.027	0.121	0.083	0.006	0.026	0.708	0.630	0.724	0.745	0.686	0.706
	Back side	0.614	0.358	0.076	0.175	0.769	0.039	0.076	0.972	0.729	0.828	0.866	1.422	1.459
	Top side	0.009	0.189	0.001	0.081	0.003	0.010	0.001	0.197	0.019	0.100	0.091	0.021	0.013
	Bottom side	0.800	0.001	0.024	0.002	0.154	0.001	0.020	0.801	0.825	0.803	0.823	0.955	0.974
	Right side	0.061	0.024	0.005	0.072	0.087	0.002	0.004	0.086	0.068	0.136	0.138	0.151	0.152
	Left side	0.416	0.125	0.020	0.022	0.020	0.017	0.016	0.541	0.453	0.455	0.454	0.453	0.452
LTE Band 41	Front side	0.355	0.110	0.027	0.121	0.083	0.006	0.026	0.465	0.387	0.482	0.502	0.444	0.464
	Back side	0.470	0.358	0.076	0.175	0.769	0.039	0.076	0.827	0.584	0.684	0.721	1.277	1.314
	Top side	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.191	0.013	0.093	0.084	0.015	0.006
	Bottom side	0.606	0.001	0.024	0.002	0.154	0.001	0.020	0.607	0.631	0.609	0.628	0.760	0.779
	Right side	0.005	0.024	0.005	0.072	0.087	0.002	0.004	0.029	0.012	0.079	0.081	0.094	0.096
	Left side	0.252	0.125	0.020	0.022	0.020	0.017	0.016	0.377	0.289	0.292	0.290	0.289	0.288
LTE Band 48	Front side	0.061	0.110	0.027	0.121	0.083	0.006	0.026	0.172	0.094	0.188	0.209	0.150	0.170
	Back side	0.208	0.358	0.076	0.175	0.769	0.039	0.0						

### Gaming\_Body\_UAT

The simultaneous body-worn exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.046	0.004	0.082	0.083	0.002	0.016	0.577	0.537	0.615	0.628	0.616	0.630
	Back side	0.394	0.164	0.115	0.126	0.451	0.014	0.169	0.557	0.523	0.533	0.688	0.858	1.013
WCDMA Band V	Front side	0.299	0.046	0.004	0.082	0.083	0.002	0.016	0.345	0.305	0.382	0.396	0.384	0.398
	Back side	0.262	0.164	0.115	0.126	0.451	0.014	0.169	0.425	0.391	0.401	0.556	0.726	0.881
LTE Band 12	Front side	0.174	0.046	0.004	0.082	0.083	0.002	0.016	0.219	0.180	0.257	0.271	0.259	0.273
	Back side	0.140	0.164	0.115	0.126	0.451	0.014	0.169	0.304	0.269	0.280	0.435	0.605	0.760
LTE Band 13	Front side	0.314	0.046	0.004	0.082	0.083	0.002	0.016	0.360	0.320	0.398	0.412	0.399	0.413
	Back side	0.268	0.164	0.115	0.126	0.451	0.014	0.169	0.432	0.397	0.407	0.563	0.733	0.888
LTE Band 26	Front side	0.326	0.046	0.004	0.082	0.083	0.002	0.016	0.372	0.332	0.409	0.423	0.411	0.425
	Back side	0.258	0.164	0.115	0.126	0.451	0.014	0.169	0.422	0.388	0.398	0.553	0.723	0.878
LTE Band 71	Front side	0.128	0.046	0.004	0.082	0.083	0.002	0.016	0.174	0.134	0.212	0.226	0.213	0.227
	Back side	0.114	0.164	0.115	0.126	0.451	0.014	0.169	0.278	0.243	0.253	0.409	0.579	0.734
NR n41	Front side	0.084	0.046	0.004	0.082	0.083	0.002	0.016	0.130	0.090	0.168	0.182	0.169	0.183
	Back side	0.217	0.164	0.115	0.126	0.451	0.014	0.169	0.381	0.346	0.356	0.511	0.681	0.837

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### Gaming\_Body\_LAT

The simultaneous body-worn exposure conditions for WLAN(Gaming mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.526	0.046	0.004	0.082	0.083	0.002	0.016	0.572	0.532	0.610	0.624	0.612	0.625
	Back side	0.451	0.164	0.115	0.126	0.451	0.014	0.169	0.615	0.580	0.590	0.746	0.916	1.071
GPRS 1900	Front side	0.257	0.046	0.004	0.082	0.083	0.002	0.016	0.302	0.262	0.340	0.354	0.342	0.356
	Back side	0.458	0.164	0.115	0.126	0.451	0.014	0.169	0.622	0.587	0.597	0.753	0.923	1.078
WCDMA Band II	Front side	0.353	0.046	0.004	0.082	0.083	0.002	0.016	0.398	0.358	0.436	0.450	0.438	0.452
	Back side	0.454	0.164	0.115	0.126	0.451	0.014	0.169	0.618	0.584	0.594	0.749	0.919	1.074
WCDMA Band IV	Front side	0.153	0.046	0.004	0.082	0.083	0.002	0.016	0.198	0.158	0.236	0.250	0.238	0.252
	Back side	0.212	0.164	0.115	0.126	0.451	0.014	0.169	0.376	0.341	0.351	0.507	0.677	0.832
WCDMA Band V	Front side	0.246	0.046	0.004	0.082	0.083	0.002	0.016	0.292	0.252	0.330	0.344	0.331	0.345
	Back side	0.164	0.164	0.115	0.126	0.451	0.014	0.169	0.328	0.293	0.303	0.459	0.629	0.784
LTE Band 7	Front side	0.214	0.046	0.004	0.082	0.083	0.002	0.016	0.259	0.219	0.297	0.311	0.299	0.312
	Back side	0.288	0.164	0.115	0.126	0.451	0.014	0.169	0.452	0.417	0.427	0.582	0.752	0.908
LTE Band 12	Front side	0.108	0.046	0.004	0.082	0.083	0.002	0.016	0.154	0.114	0.192	0.206	0.193	0.207
	Back side	0.308	0.164	0.115	0.126	0.451	0.014	0.169	0.472	0.437	0.447	0.602	0.772	0.928
LTE Band 13	Front side	0.054	0.046	0.004	0.082	0.083	0.002	0.016	0.099	0.059	0.137	0.151	0.139	0.153
	Back side	0.259	0.164	0.115	0.126	0.451	0.014	0.169	0.423	0.388	0.398	0.553	0.723	0.879
LTE Band 25	Front side	0.530	0.046	0.004	0.082	0.083	0.002	0.016	0.576	0.536	0.614	0.628	0.615	0.629
	Back side	0.619	0.164	0.115	0.126	0.451	0.014	0.169	0.783	0.748	0.759	0.914	1.084	1.239
LTE Band 26	Front side	0.227	0.046	0.004	0.082	0.083	0.002	0.016	0.273	0.233	0.311	0.325	0.312	0.326
	Back side	0.365	0.164	0.115	0.126	0.451	0.014	0.169	0.529	0.495	0.505	0.660	0.830	0.985
LTE Band 30	Front side	0.109	0.046	0.004	0.082	0.083	0.002	0.016	0.155	0.115	0.193	0.207	0.194	0.208
	Back side	0.223	0.164	0.115	0.126	0.451	0.014	0.169	0.387	0.353	0.363	0.518	0.688	0.843
LTE Band 41	Front side	0.147	0.046	0.004	0.082	0.083	0.002	0.016	0.193	0.153	0.231	0.245	0.232	0.246
	Back side	0.208	0.164	0.115	0.126	0.451	0.014	0.169	0.372	0.337	0.348	0.503	0.673	0.828
LTE Band 48	Front side	0.063	0.046	0.004	0.082	0.083	0.002	0.016	0.109	0.069	0.147	0.161	0.148	0.162
	Back side	0.098	0.164	0.115	0.126	0.451	0.014	0.169	0.262	0.227	0.237	0.393	0.563	0.718
LTE Band 66	Front side	0.245	0.046	0.004	0.082	0.083	0.002	0.016	0.291	0.251	0.329	0.343	0.330	0.344
	Back side	0.276	0.164	0.115	0.126	0.451	0.014	0.169	0.440	0.405	0.416	0.571	0.741	0.896
LTE Band 71	Front side	0.038	0.046	0.004	0.082	0.083	0.002	0.016	0.084	0.044	0.122	0.135	0.123	0.137
	Back side	0.032	0.164	0.115	0.126	0.451	0.014	0.169	0.196	0.161	0.171	0.326	0.496	0.651
NR n41	Front side	0.032	0.046	0.004	0.082	0.083	0.002	0.016	0.078	0.038	0.116	0.130	0.117	0.131
	Back side	0.212	0.164	0.115	0.126	0.451	0.014	0.169	0.376	0.341	0.351	0.507	0.677	0.832

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### Gaming\_Hotspot\_UAT

The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.110	0.027	0.121	0.122	0.006	0.026	0.641	0.563	0.658	0.678	0.659	0.679
	Back side	0.394	0.358	0.076	0.175	0.601	0.039	0.076	0.751	0.508	0.608	0.645	1.033	1.070
	Top side	0.285	0.189	0.001	0.081	0.029	0.010	0.001	0.473	0.295	0.376	0.367	0.323	0.314
	Bottom side	0.006	0.001	0.024	0.002	0.024	0.001	0.020	0.007	0.031	0.010	0.029	0.031	0.051
	Right side	0.241	0.024	0.005	0.072	0.090	0.002	0.004	0.265	0.248	0.315	0.317	0.332	0.334
	Left side	0.140	0.125	0.020	0.022	0.003	0.017	0.016	0.265	0.177	0.179	0.178	0.161	0.159
WCDMA Band V	Front side	0.299	0.110	0.027	0.121	0.122	0.006	0.026	0.409	0.331	0.426	0.446	0.426	0.447
	Back side	0.262	0.358	0.076	0.175	0.601	0.039	0.076	0.619	0.376	0.476	0.513	0.901	0.938
	Top side	0.248	0.189	0.001	0.081	0.029	0.010	0.001	0.437	0.259	0.339	0.330	0.286	0.278
	Bottom side	0.003	0.001	0.024	0.002	0.024	0.001	0.020	0.004	0.028	0.006	0.025	0.028	0.047
	Right side	0.152	0.024	0.005	0.072	0.090	0.002	0.004	0.176	0.159	0.226	0.228	0.244	0.245
	Left side	0.096	0.125	0.020	0.022	0.003	0.017	0.016	0.221	0.134	0.136	0.135	0.117	0.116
LTE Band 12	Front side	0.174	0.110	0.027	0.121	0.122	0.006	0.026	0.284	0.206	0.301	0.321	0.301	0.322
	Back side	0.140	0.358	0.076	0.175	0.601	0.039	0.076	0.498	0.255	0.354	0.391	0.780	0.817
	Top side	0.122	0.189	0.001	0.081	0.029	0.010	0.001	0.311	0.133	0.214	0.205	0.161	0.152
	Bottom side	0.003	0.001	0.024	0.002	0.024	0.001	0.020	0.004	0.028	0.006	0.025	0.028	0.047
	Right side	0.105	0.024	0.005	0.072	0.090	0.002	0.004	0.129	0.112	0.180	0.181	0.197	0.198
	Left side	0.007	0.125	0.020	0.022	0.003	0.017	0.016	0.132	0.044	0.047	0.045	0.028	0.027
LTE Band 13	Front side	0.314	0.110	0.027	0.121	0.122	0.006	0.026	0.424	0.347	0.441	0.462	0.442	0.462
	Back side	0.268	0.358	0.076	0.175	0.601	0.039	0.076	0.626	0.383	0.482	0.519	0.908	0.945
	Top side	0.200	0.189	0.001	0.081	0.029	0.010	0.001	0.388	0.211	0.291	0.282	0.238	0.229
	Bottom side	0.007	0.001	0.024	0.002	0.024	0.001	0.020	0.008	0.032	0.010	0.029	0.032	0.051
	Right side	0.158	0.024	0.005	0.072	0.090	0.002	0.004	0.183	0.165	0.233	0.235	0.250	0.252
	Left side	0.083	0.125	0.020	0.022	0.003	0.017	0.016	0.208	0.120	0.123	0.121	0.104	0.103
LTE Band 26	Front side	0.326	0.110	0.027	0.121	0.122	0.006	0.026	0.436	0.358	0.453	0.473	0.453	0.474
	Back side	0.258	0.358	0.076	0.175	0.601	0.039	0.076	0.616	0.373	0.473	0.510	0.898	0.935
	Top side	0.204	0.189	0.001	0.081	0.029	0.010	0.001	0.393	0.215	0.296	0.287	0.243	0.234
	Bottom side	0.001	0.001	0.024	0.002	0.024	0.001	0.020	0.002	0.026	0.004	0.024	0.026	0.046
	Right side	0.131	0.024	0.005	0.072	0.090	0.002	0.004	0.155	0.138	0.206	0.207	0.223	0.224
	Left side	0.102	0.125	0.020	0.022	0.003	0.017	0.016	0.227	0.139	0.142	0.141	0.123	0.122
LTE Band 71	Front side	0.128	0.110	0.027	0.121	0.122	0.006	0.026	0.239	0.161	0.255	0.276	0.256	0.276
	Back side	0.114	0.358	0.076	0.175	0.601	0.039	0.076	0.472	0.229	0.328	0.365	0.754	0.791
	Top side	0.095	0.189	0.001	0.081	0.029	0.010	0.001	0.284	0.106	0.186	0.178	0.133	0.125
	Bottom side	0.001	0.001	0.024	0.002	0.024	0.001	0.020	0.002	0.026	0.004	0.024	0.026	0.045
	Right side	0.002	0.024	0.005	0.072	0.090	0.002	0.004	0.027	0.009	0.077	0.079	0.094	0.096
	Left side	0.068	0.125	0.020	0.022	0.003	0.017	0.016	0.193	0.105	0.107	0.106	0.089	0.087
NR n41	Front side	0.084	0.110	0.027	0.121	0.122	0.006	0.026	0.194	0.116	0.211	0.231	0.212	0.232
	Back side	0.217	0.358	0.076	0.175	0.601	0.039	0.076	0.575	0.331	0.431	0.468	0.857	0.894
	Top side	0.006	0.189	0.001	0.081	0.029	0.010	0.001	0.194	0.017	0.097	0.088	0.044	0.035
	Bottom side	0.004	0.001	0.024	0.002	0.024	0.001	0.020	0.005	0.029	0.008	0.027	0.029	0.049
	Right side	0.013	0.024	0.005	0.072	0.090	0.002	0.004	0.038	0.020	0.088	0.090	0.105	0.107
	Left side	0.025	0.125	0.020	0.022	0.003	0.017	0.016	0.150	0.062	0.065	0.063	0.046	0.045

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### Gaming\_Hotspot\_LAT

The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN(UAT)													
		1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+4+6+7 Sum	1+5+6 Sum	
GPRS 850	Front side	0.648	0.110	0.027	0.121	0.122	0.006	0.026	0.758	0.680	0.775	0.795	0.775	0.796	
	Back side	0.512	0.358	0.076	0.175	0.601	0.039	0.076	0.870	0.627	0.726	0.763	1.152	1.189	
	Top side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.093	0.084	0.940	0.031	
	Bottom side	0.499	0.001	0.024	0.002	0.024	0.001	0.020	0.500	0.524	0.502	0.522	0.524	0.544	
	Right side	0.465	0.024	0.005	0.072	0.090	0.002	0.004	0.489	0.472	0.540	0.541	0.557	0.558	
GPRS 1900	Front side	0.393	0.110	0.027	0.121	0.122	0.006	0.026	0.503	0.425	0.520	0.540	0.521	0.541	
	Back side	0.433	0.358	0.076	0.175	0.601	0.039	0.076	0.791	0.548	0.647	0.684	1.073	1.110	
	Top side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.092	0.083	0.039	0.031	
	Bottom side	1.136	0.001	0.024	0.002	0.024	0.001	0.020	1.137	1.161	1.139	1.158	1.161	1.180	
	Right side	0.146	0.024	0.005	0.072	0.090	0.002	0.004	0.170	0.153	0.220	0.222	0.237	0.239	
WCDMA Band II	Front side	0.240	0.125	0.020	0.022	0.003	0.017	0.016	0.365	0.277	0.279	0.278	0.261	0.259	
	Back side	0.209	0.110	0.027	0.121	0.122	0.006	0.026	0.319	0.242	0.336	0.356	0.337	0.357	
	Top side	0.373	0.358	0.076	0.175	0.601	0.039	0.076	0.731	0.487	0.587	0.624	1.012	1.049	
	Bottom side	0.003	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.014	0.094	0.085	0.041	0.033	
	Right side	1.172	0.001	0.024	0.002	0.024	0.001	0.020	1.173	1.197	1.176	1.195	1.197	1.217	
WCDMA Band IV	Front side	0.069	0.024	0.005	0.072	0.090	0.002	0.004	0.094	0.076	0.144	0.146	0.161	0.163	
	Back side	0.124	0.125	0.020	0.022	0.003	0.017	0.016	0.249	0.161	0.163	0.162	0.144	0.143	
	Top side	0.292	0.110	0.027	0.121	0.122	0.006	0.026	0.403	0.325	0.419	0.440	0.420	0.440	
	Bottom side	0.495	0.358	0.076	0.175	0.601	0.039	0.076	0.853	0.610	0.709	0.746	1.135	1.172	
	Right side	1.098	0.001	0.024	0.002	0.024	0.001	0.020	1.099	1.123	1.101	1.120	1.123	1.142	
WCDMA Band V	Front side	0.070	0.024	0.005	0.072	0.090	0.002	0.004	0.095	0.077	0.145	0.147	0.162	0.164	
	Back side	0.164	0.125	0.020	0.022	0.003	0.017	0.016	0.289	0.201	0.203	0.202	0.185	0.183	
	Top side	0.638	0.110	0.027	0.121	0.122	0.006	0.026	0.748	0.670	0.764	0.785	0.785	0.785	
	Bottom side	0.565	0.358	0.076	0.175	0.601	0.039	0.076	0.923	0.680	0.779	0.816	1.205	1.242	
	Right side	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.013	0.093	0.084	0.040	0.031	
LTE Band 7	Front side	0.382	0.001	0.024	0.002	0.024	0.001	0.020	0.383	0.407	0.385	0.404	0.407	0.426	
	Back side	0.188	0.024	0.005	0.072	0.090	0.002	0.004	0.213	0.195	0.263	0.265	0.280	0.282	
	Top side	0.127	0.125	0.020	0.022	0.003	0.017	0.016	0.252	0.164	0.167	0.165	0.148	0.146	
	Bottom side	0.343	0.110	0.027	0.121	0.122	0.006	0.026	0.453	0.375	0.470	0.490	0.471	0.491	
	Right side	0.365	0.358	0.076	0.175	0.601	0.039	0.076	0.723	0.479	0.579	0.616	1.004	1.041	
LTE Band 12	Front side	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.191	0.013	0.093	0.084	0.040	0.032	
	Back side	0.825	0.001	0.024	0.002	0.024	0.001	0.020	0.826	0.850	0.828	0.848	0.850	0.870	
	Top side	0.071	0.024	0.005	0.072	0.090	0.002	0.004	0.095	0.078	0.145	0.147	0.163	0.164	
	Bottom side	0.246	0.125	0.020	0.022	0.003	0.017	0.016	0.371	0.283	0.286	0.284	0.267	0.265	
	Right side	0.272	0.358	0.076	0.175	0.601	0.039	0.076	0.630	0.387	0.486	0.523	0.912	0.949	
LTE Band 13	Front side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.093	0.084	0.040	0.031	
	Back side	0.236	0.001	0.024	0.002	0.024	0.001	0.020	0.237	0.261	0.239	0.258	0.261	0.280	
	Top side	0.003	0.024	0.005	0.072	0.090	0.002	0.004	0.028	0.010	0.078	0.079	0.095	0.097	
	Bottom side	0.003	0.125	0.020	0.022	0.003	0.017	0.016	0.128	0.040	0.043	0.041	0.024	0.022	
	Right side	0.458	0.110	0.027	0.121	0.122	0.006	0.026	0.568	0.490	0.585	0.605	0.586	0.606	
LTE Band 25	Front side	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.013	0.093	0.084	0.040	0.031	
	Back side	0.304	0.001	0.024	0.002	0.024	0.001	0.020	0.305	0.329	0.307	0.326	0.329	0.348	
	Top side	0.003	0.024	0.005	0.072	0.090	0.002	0.004	0.027	0.010	0.078	0.079	0.095	0.096	
	Bottom side	0.003	0.125	0.020	0.022	0.003	0.017	0.016	0.127	0.039	0.041	0.040	0.022	0.021	
	Right side	0.442	0.110	0.027	0.121	0.122	0.006	0.026	0.552	0.474	0.569	0.589	0.570	0.590	
LTE Band 26	Front side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.092	0.083	0.039	0.031	
	Back side	0.475	0.358	0.076	0.175	0.601	0.039	0.076	0.833	0.590	0.689	0.726	1.115	1.152	
	Top side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.092	0.083	0.039	0.031	
	Bottom side	1.152	0.001	0.024	0.002	0.024	0.001	0.020	1.153	1.177	1.155	1.174	1.177	1.196	
	Right side	0.012	0.024	0.005	0.072	0.090	0.002	0.004	0.036	0.019	0.087	0.088	0.104	0.105	
LTE Band 30	Front side	0.225	0.125	0.020	0.022	0.003	0.017	0.016	0.350	0.262	0.264	0.263	0.245	0.244	
	Back side	0.482	0.110	0.027	0.121	0.122	0.006	0.026	0.592	0.514	0.609	0.629	0.610	0.630	
	Top side	0.471	0.358	0.076	0.175	0.601	0.039	0.076	0.829	0.586	0.685	0.722	1.111	1.148	
	Bottom side	0.006	0.189	0.001	0.081	0.029	0.010	0.001	0.195	0.017	0.098	0.089	0.045	0.036	
	Right side	0.438	0.001	0.024	0.002	0.024	0.001	0.020	0.439	0.463	0.441	0.460	0.463	0.482	
LTE Band 41	Front side	0.338	0.024	0.005	0.072	0.090	0.002	0.004	0.362	0.345	0.343	0.341	0.343		
	Back side	0.076	0.125	0.020	0.022	0.003	0.017	0.016	0.201	0.113	0.115	0.114	0.097	0.095	
	Top side	0.475	0.110	0.027	0.121	0.122	0.006	0.026	0.585	0.507	0.601	0.622	0.602	0.622	
	Bottom side	0.488	0.358	0.076	0.175	0.601	0.039	0.076	0.846	0.603	0.702	0.739	1.128	1.165	
	Right side	0.007	0.189	0.001	0.081	0.029	0.010	0.001	0.195	0.018	0.098	0.089	0.045	0.036	
LTE Band 48	Front side	0.636	0.001	0.024	0.002	0.024	0.001	0.020	0.637	0.661	0.639	0.658	0.661	0.680	
	Back side	0.049	0.024	0.005	0.072	0.090	0.002	0.004	0.073	0.056	0.123	0.125	0.140	0.142	
	Top side	0.330	0.125	0.020	0.022	0.003	0.017	0.016	0.455	0.368	0.370	0.369	0.351	0.350	
	Bottom side	0.355	0.110	0.027	0.121	0.122	0.006	0.026	0.465	0.387	0.482	0.502	0.483	0.503	
	Right side	0.470	0.358	0.076	0.175	0.601	0.039	0.076	0.827	0.584	0.684	0.721	1.109	1.146	
LTE Band 66	Front side	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.191	0.013	0.093	0.084	0.040	0.032	
	Back side	0.606	0.001	0.024	0.002	0.024	0.001	0.020	0.607	0.631	0.609	0.628	0.631	0.650	
	Top side	0.005	0.024	0.005	0.072	0.090	0.002	0.004	0.029	0.012	0.079	0.081	0.096	0.098	
	Bottom side	0.252	0.125	0.020	0.022	0.003	0.017	0.016	0.377	0.289	0.292	0.290	0.273	0.271	
	Right side	0.061	0.110	0.027	0.121	0.122	0.006	0.026	0.172	0.094	0.188	0.209	0.189	0.209	
LTE Band 71	Front side	0.208	0.358	0.076	0.175	0.601	0.039	0.076	0.566	0.323	0.422	0.459	0.848	0.885	
	Back side	0.028	0.189	0.001	0.081	0.029	0.010	0.001	0.216	0.039	0.119	0.110	0.066	0.057	
	Top side	0.001	0.001	0.024	0.002	0.024	0.001	0.020	0.002	0.026	0.004	0.023	0.026	0.045	
	Bottom side	0.130	0.024	0.005	0.072	0.090	0.002	0.00							



## MIMO+DBS\_Head+Body

### Calling\_Head\_UAT

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GSM 850	ReCheek	0.524	0.225	0.196	0.252	0.175	0.195	0.050	0.945	1.001	0.924	1.167	1.022	1.090	0.945	1.145	1.001	1.371
	ReTilt	0.304	0.103	0.060	0.132	0.072	0.073	0.023	0.467	0.539	0.479	0.570	0.520	0.510	0.460	0.582	0.532	0.672
	LeCheek	0.328	0.466	0.082	0.466	0.093	0.235	0.030	0.876	1.260	0.887	1.111	0.905	0.738	0.532	1.122	0.916	1.435
WCDMA Band V	ReCheek	0.290	0.213	0.045	0.192	0.043	0.091	0.015	0.548	0.696	0.546	0.619	0.542	0.469	0.393	0.617	0.540	0.784
	ReTilt	0.462	0.225	0.196	0.252	0.175	0.195	0.050	0.882	0.938	0.861	1.104	0.959	1.027	0.882	1.083	0.938	1.309
	LeCheek	0.273	0.103	0.060	0.132	0.072	0.073	0.023	0.437	0.509	0.449	0.539	0.489	0.479	0.429	0.551	0.501	0.642
LTE Band 12	ReCheek	0.325	0.466	0.082	0.466	0.093	0.235	0.030	0.874	1.258	0.884	1.109	0.903	0.735	0.529	1.119	0.914	1.432
	ReTilt	0.229	0.213	0.045	0.192	0.043	0.091	0.015	0.488	0.635	0.485	0.558	0.482	0.409	0.332	0.556	0.480	0.723
	LeCheek	0.321	0.225	0.196	0.252	0.175	0.195	0.050	0.742	0.798	0.721	0.964	0.819	0.887	0.742	0.943	0.798	1.168
LTE Band 13	ReCheek	0.212	0.103	0.060	0.132	0.072	0.073	0.023	0.376	0.447	0.388	0.478	0.428	0.418	0.368	0.490	0.440	0.580
	ReTilt	0.234	0.466	0.082	0.466	0.093	0.235	0.030	0.782	1.166	0.793	1.017	0.812	0.644	0.438	1.028	0.822	1.341
	LeCheek	0.155	0.213	0.045	0.192	0.043	0.091	0.015	0.413	0.561	0.411	0.484	0.407	0.334	0.258	0.482	0.405	0.649
LTE Band 26	ReCheek	0.516	0.225	0.196	0.252	0.175	0.195	0.050	0.937	0.993	0.916	1.159	1.014	1.082	0.937	1.137	0.993	1.363
	ReTilt	0.253	0.103	0.060	0.132	0.072	0.073	0.023	0.416	0.488	0.428	0.519	0.469	0.459	0.409	0.531	0.481	0.621
	LeCheek	0.313	0.466	0.082	0.466	0.093	0.235	0.030	0.861	1.246	0.872	1.096	0.891	0.723	0.517	1.107	0.901	1.420
LTE Band 71	ReCheek	0.241	0.213	0.045	0.192	0.043	0.091	0.015	0.499	0.647	0.497	0.570	0.493	0.420	0.344	0.568	0.491	0.735
	ReTilt	0.457	0.225	0.196	0.252	0.175	0.195	0.050	0.878	0.933	0.857	1.100	0.955	1.023	0.878	1.078	0.933	1.304
	LeCheek	0.279	0.103	0.060	0.132	0.072	0.073	0.023	0.443	0.515	0.455	0.545	0.495	0.485	0.435	0.557	0.507	0.647
NR n41	ReCheek	0.317	0.466	0.082	0.466	0.093	0.235	0.030	0.865	1.249	0.876	1.100	0.894	0.726	0.521	1.111	0.905	1.423
	ReTilt	0.248	0.213	0.045	0.192	0.043	0.091	0.015	0.506	0.654	0.504	0.577	0.501	0.427	0.351	0.575	0.499	0.742
	LeCheek	0.279	0.225	0.196	0.252	0.175	0.195	0.050	0.699	0.755	0.678	0.921	0.776	0.844	0.699	0.900	0.755	1.126
NR n41	ReCheek	0.165	0.103	0.060	0.132	0.072	0.073	0.023	0.329	0.401	0.341	0.431	0.382	0.371	0.322	0.443	0.393	0.534
	ReTilt	0.232	0.466	0.082	0.466	0.093	0.235	0.030	0.780	1.164	0.790	1.015	0.809	0.641	0.435	1.025	0.820	1.338
	LeCheek	0.141	0.213	0.045	0.192	0.043	0.091	0.015	0.400	0.547	0.398	0.470	0.394	0.321	0.245	0.468	0.392	0.635
NR n41	ReCheek	0.048	0.225	0.196	0.252	0.175	0.195	0.050	0.469	0.525	0.448	0.691	0.546	0.614	0.469	0.670	0.525	0.895
	ReTilt	0.023	0.103	0.060	0.132	0.072	0.073	0.023	0.187	0.259	0.199	0.289	0.239	0.229	0.179	0.301	0.251	0.391
	LeCheek	0.013	0.466	0.082	0.466	0.093	0.235	0.030	0.561	0.946	0.572	0.796	0.591	0.423	0.217	0.807	0.601	1.120
NR n41	ReCheek	0.009	0.213	0.045	0.192	0.043	0.091	0.015	0.267	0.415	0.265	0.338	0.262	0.188	0.112	0.336	0.260	0.503
	ReTilt																	
	LeCheek																	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Calling\_Head\_LAT

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/Kg)	Scenario																
		1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GSM 850	ReCheek	0.282	0.225	0.196	0.252	0.175	0.195	0.050	0.703	0.758	0.681	0.924	0.779	0.847	0.703	0.903	0.758	1.129
	ReTilt	0.125	0.103	0.060	0.132	0.072	0.073	0.023	0.289	0.361	0.301	0.342	0.331	0.282	0.403	0.354	0.494	
	LeCheek	0.176	0.466	0.082	0.466	0.093	0.235	0.030	0.724	1.108	0.734	0.959	0.753	0.585	0.379	0.969	0.764	1.282
	LeTilt	0.097	0.213	0.045	0.192	0.043	0.091	0.015	0.355	0.503	0.353	0.426	0.349	0.276	0.200	0.424	0.347	0.591
GSM 1900	ReCheek	0.091	0.225	0.196	0.252	0.175	0.195	0.050	0.512	0.567	0.490	0.733	0.589	0.657	0.512	0.712	0.567	0.938
	ReTilt	0.059	0.103	0.060	0.132	0.072	0.073	0.023	0.222	0.294	0.234	0.324	0.275	0.264	0.215	0.336	0.287	0.427
	LeCheek	0.118	0.466	0.082	0.466	0.093	0.235	0.030	0.666	1.050	0.677	0.901	0.695	0.527	0.322	0.912	0.706	1.225
	LeTilt	0.077	0.213	0.045	0.192	0.043	0.091	0.015	0.335	0.483	0.333	0.406	0.330	0.256	0.180	0.404	0.327	0.571
WCDMA Band II	ReCheek	0.251	0.225	0.196	0.252	0.175	0.195	0.050	0.671	0.727	0.650	0.893	0.748	0.816	0.671	0.872	0.727	1.098
	ReTilt	0.182	0.103	0.060	0.132	0.072	0.073	0.023	0.345	0.417	0.357	0.448	0.398	0.388	0.338	0.460	0.410	0.550
	LeCheek	0.302	0.466	0.082	0.466	0.093	0.235	0.030	0.850	1.234	0.861	1.085	0.879	0.711	0.506	1.095	0.890	1.408
	LeTilt	0.230	0.213	0.045	0.192	0.043	0.091	0.015	0.488	0.636	0.486	0.559	0.483	0.409	0.333	0.557	0.481	0.724
WCDMA Band IV	ReCheek	0.176	0.225	0.196	0.252	0.175	0.195	0.050	0.597	0.652	0.576	0.819	0.674	0.742	0.597	0.797	0.653	1.023
	ReTilt	0.127	0.103	0.060	0.132	0.072	0.073	0.023	0.290	0.362	0.302	0.392	0.343	0.332	0.283	0.404	0.355	0.495
	LeCheek	0.246	0.466	0.082	0.466	0.093	0.235	0.030	0.794	1.179	0.805	1.029	0.824	0.656	0.450	1.040	0.835	1.353
	LeTilt	0.160	0.213	0.045	0.192	0.043	0.091	0.015	0.419	0.566	0.417	0.489	0.413	0.340	0.264	0.487	0.411	0.654
WCDMA Band V	ReCheek	0.141	0.225	0.196	0.252	0.175	0.195	0.050	0.562	0.617	0.540	0.783	0.638	0.706	0.562	0.762	0.617	0.988
	ReTilt	0.103	0.103	0.060	0.132	0.072	0.073	0.023	0.267	0.339	0.279	0.369	0.319	0.309	0.259	0.381	0.331	0.472
	LeCheek	0.110	0.466	0.082	0.466	0.093	0.235	0.030	0.658	1.042	0.669	0.893	0.687	0.520	0.314	0.904	0.698	1.217
	LeTilt	0.071	0.213	0.045	0.192	0.043	0.091	0.015	0.329	0.477	0.327	0.400	0.324	0.250	0.174	0.398	0.322	0.565
LTE Band 7	ReCheek	0.097	0.225	0.196	0.252	0.175	0.195	0.050	0.518	0.574	0.497	0.740	0.595	0.663	0.518	0.718	0.574	0.944
	ReTilt	0.058	0.103	0.060	0.132	0.072	0.073	0.023	0.222	0.294	0.234	0.324	0.274	0.264	0.215	0.336	0.286	0.427
	LeCheek	0.127	0.466	0.082	0.466	0.093	0.235	0.030	0.675	1.060	0.686	0.910	0.705	0.537	0.331	0.921	0.715	1.234
	LeTilt	0.087	0.213	0.045	0.192	0.043	0.091	0.015	0.345	0.493	0.343	0.416	0.339	0.266	0.190	0.414	0.337	0.581
LTE Band 12	ReCheek	0.166	0.225	0.196	0.252	0.175	0.195	0.050	0.587	0.643	0.566	0.809	0.664	0.732	0.587	0.787	0.643	1.013
	ReTilt	0.060	0.103	0.060	0.132	0.072	0.073	0.023	0.224	0.296	0.236	0.326	0.276	0.266	0.216	0.338	0.288	0.428
	LeCheek	0.097	0.466	0.082	0.466	0.093	0.235	0.030	0.645	1.029	0.655	0.890	0.674	0.506	0.301	0.890	0.685	1.203
	LeTilt	0.033	0.213	0.045	0.192	0.043	0.091	0.015	0.292	0.439	0.290	0.362	0.286	0.213	0.137	0.360	0.284	0.527
LTE Band 13	ReCheek	0.181	0.225	0.196	0.252	0.175	0.195	0.050	0.601	0.657	0.580	0.823	0.678	0.746	0.602	0.802	0.657	1.028
	ReTilt	0.067	0.103	0.060	0.132	0.072	0.073	0.023	0.231	0.302	0.243	0.333	0.283	0.273	0.223	0.345	0.295	0.435
	LeCheek	0.092	0.466	0.082	0.466	0.093	0.235	0.030	0.640	1.024	0.651	0.875	0.669	0.501	0.296	0.886	0.680	1.198
	LeTilt	0.037	0.213	0.045	0.192	0.043	0.091	0.015	0.296	0.443	0.294	0.366	0.290	0.217	0.140	0.364	0.288	0.531
LTE Band 25	ReCheek	0.220	0.225	0.196	0.252	0.175	0.195	0.050	0.641	0.696	0.619	0.862	0.717	0.785	0.641	0.841	0.696	1.067
	ReTilt	0.135	0.103	0.060	0.132	0.072	0.073	0.023	0.298	0.370	0.310	0.401	0.351	0.341	0.291	0.412	0.363	0.503
	LeCheek	0.331	0.466	0.082	0.466	0.093	0.235	0.030	0.879	1.264	0.890	1.114	0.909	0.741	0.535	1.125	0.920	1.438
	LeTilt	0.152	0.213	0.045	0.192	0.043	0.091	0.015	0.410	0.558	0.408	0.481	0.405	0.331	0.255	0.479	0.403	0.646
LTE Band 26	ReCheek	0.141	0.225	0.196	0.252	0.175	0.195	0.050	0.561	0.617	0.540	0.783	0.638	0.706	0.561	0.762	0.617	0.988
	ReTilt	0.082	0.103	0.060	0.132	0.072	0.073	0.023	0.245	0.317	0.257	0.347	0.298	0.287	0.238	0.359	0.310	0.450
	LeCheek	0.092	0.466	0.082	0.466	0.093	0.235	0.030	0.640	1.024	0.651	0.875	0.669	0.501	0.296	0.885	0.680	1.198
	LeTilt	0.051	0.213	0.045	0.192	0.043	0.091	0.015	0.309	0.457	0.307	0.380	0.304	0.230	0.154	0.378	0.301	0.545
LTE Band 30	ReCheek	0.109	0.225	0.196	0.252	0.175	0.195	0.050	0.530	0.585	0.508	0.751	0.607	0.675	0.530	0.730	0.585	0.956
	ReTilt	0.070	0.103	0.060	0.132	0.072	0.073	0.023	0.233	0.305	0.245	0.336	0.286	0.276	0.226	0.348	0.298	0.438
	LeCheek	0.180	0.466	0.082	0.466	0.093	0.235	0.030	0.728	1.112	0.739	0.963	0.758	0.590	0.384	0.974	0.768	1.287
	LeTilt	0.120	0.213	0.045	0.192	0.043	0.091	0.015	0.378	0.526	0.376	0.449	0.373	0.299	0.223	0.447	0.370	0.614
LTE Band 41	ReCheek	0.148	0.225	0.196	0.252	0.175	0.195	0.050	0.569	0.625	0.548	0.791	0.646	0.714	0.569	0.769	0.625	0.995
	ReTilt	0.090	0.103	0.060	0.132	0.072	0.073	0.023	0.254	0.326	0.266	0.356	0.307	0.296	0.247	0.368	0.318	0.459
	LeCheek	0.180	0.466	0.082	0.466	0.093	0.235	0.030	0.728	1.112	0.738	0.963	0.757	0.589	0.383	0.973	0.768	1.286
	LeTilt	0.107	0.213	0.045	0.192	0.043	0.091	0.015	0.365	0.513	0.363	0.436	0.360	0.286	0.210	0.434	0.357	0.601
LTE Band 48	ReCheek	0.039	0.225	0.196	0.252	0.175	0.195	0.050	0.459	0.515	0.438	0.681	0.536	0.604	0.459	0.660	0.515	0.886
	ReTilt	0.022	0.103	0.060	0.132	0.072	0.073	0.023	0.186	0.258	0.198	0.288	0.238	0.228	0.178	0.300	0.250	0.390
	LeCheek	0.080	0.466	0.082	0.466	0.093	0.235	0.030	0.628	1.013	0.639	0.863	0.658	0.490	0.284	0.874	0.669	1.187
	LeTilt	0.029	0.213	0.045	0.192	0.043	0.091	0.015	0.287	0.434	0.285	0.357	0.281	0.208	0.132	0.355	0.279	0.522
LTE Band 66	ReCheek	0.245	0.225	0.196	0.252	0.175	0.195	0.050	0.666	0.721	0.645	0.888	0.743	0.811	0.666	0.866	0.722	1.092
	ReTilt	0.165	0.103	0.060	0.132	0.072	0.073	0.023	0.328	0.400	0.340	0.431	0.381	0.371	0.321	0.443	0.393	0.533
	LeCheek	0.343	0.466	0.082	0.466	0.093	0.235	0.030	0.891	1.275	0.901	1.126	0.920	0.752	0.547	1.136	0.931	1.449
	LeTilt	0.218	0.213	0.045	0.192	0.043	0.091	0.015	0.476	0.624	0.474	0.547	0.471	0.397	0.321	0.545	0.469	0.712
LTE Band 71	ReCheek	0.172	0.225	0.196	0.252	0.175	0.195	0.050	0.592	0.648	0.571	0.						



### Calling\_Body-worn\_UAT

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(UAT)

WWAN	Exposure position (µg(W/kg))	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.020	0.005	0.061	0.093	0.002	0.001	0.557	0.613	0.644	0.600	0.599	0.631	0.630	0.687	0.686	0.711
	Back side	0.394	0.075	0.028	0.080	0.219	0.014	0.003	0.497	0.548	0.687	0.515	0.505	0.655	0.644	0.706	0.696	0.795
WCDMA Band V	Front side	0.299	0.020	0.005	0.061	0.093	0.002	0.001	0.325	0.381	0.412	0.368	0.367	0.399	0.398	0.455	0.454	0.479
	Back side	0.262	0.075	0.028	0.080	0.219	0.014	0.003	0.365	0.416	0.555	0.383	0.373	0.523	0.512	0.574	0.564	0.663
LTE Band 12	Front side	0.174	0.020	0.005	0.061	0.093	0.002	0.001	0.199	0.256	0.287	0.242	0.241	0.274	0.273	0.330	0.329	0.354
	Back side	0.140	0.075	0.028	0.080	0.219	0.014	0.003	0.243	0.295	0.434	0.262	0.252	0.401	0.391	0.453	0.442	0.542
LTE Band 13	Front side	0.314	0.020	0.005	0.061	0.093	0.002	0.001	0.340	0.396	0.428	0.383	0.382	0.415	0.414	0.471	0.470	0.494
	Back side	0.268	0.075	0.028	0.080	0.219	0.014	0.003	0.371	0.422	0.562	0.390	0.379	0.529	0.519	0.581	0.570	0.670
LTE Band 26	Front side	0.326	0.020	0.005	0.061	0.093	0.002	0.001	0.351	0.408	0.439	0.395	0.394	0.426	0.425	0.482	0.481	0.506
	Back side	0.258	0.075	0.028	0.080	0.219	0.014	0.003	0.361	0.413	0.552	0.380	0.370	0.520	0.509	0.571	0.561	0.660
LTE Band 71	Front side	0.128	0.020	0.005	0.061	0.093	0.002	0.001	0.154	0.210	0.242	0.197	0.196	0.229	0.228	0.285	0.284	0.308
	Back side	0.114	0.075	0.028	0.080	0.219	0.014	0.003	0.217	0.268	0.408	0.236	0.225	0.375	0.365	0.427	0.416	0.516
NR n41	Front side	0.084	0.020	0.005	0.061	0.093	0.002	0.001	0.110	0.166	0.197	0.153	0.152	0.184	0.183	0.241	0.240	0.264
	Back side	0.217	0.075	0.028	0.080	0.219	0.014	0.003	0.320	0.371	0.510	0.339	0.328	0.478	0.467	0.529	0.519	0.619

### Calling\_Body-worn\_LAT

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(LAT)

WWAN	Exposure position (µg(W/kg))	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.526	0.020	0.005	0.061	0.093	0.002	0.001	0.552	0.608	0.640	0.595	0.594	0.627	0.626	0.683	0.682	0.707
	Back side	0.451	0.075	0.028	0.080	0.219	0.014	0.003	0.554	0.605	0.745	0.573	0.562	0.712	0.702	0.764	0.753	0.853
GPRS 1900	Front side	0.257	0.020	0.005	0.061	0.093	0.002	0.001	0.282	0.339	0.370	0.325	0.324	0.357	0.356	0.413	0.412	0.437
	Back side	0.458	0.075	0.028	0.080	0.219	0.014	0.003	0.561	0.612	0.752	0.580	0.569	0.719	0.709	0.771	0.760	0.860
WCDMA Band II	Front side	0.353	0.020	0.005	0.061	0.093	0.002	0.001	0.378	0.434	0.466	0.421	0.420	0.453	0.452	0.509	0.508	0.533
	Back side	0.454	0.075	0.028	0.080	0.219	0.014	0.003	0.557	0.609	0.748	0.576	0.566	0.716	0.705	0.767	0.757	0.856
WCDMA Band IV	Front side	0.153	0.020	0.005	0.061	0.093	0.002	0.001	0.178	0.235	0.266	0.221	0.220	0.253	0.252	0.309	0.308	0.333
	Back side	0.212	0.075	0.028	0.080	0.219	0.014	0.003	0.315	0.366	0.506	0.334	0.323	0.473	0.463	0.525	0.514	0.614
WCDMA Band V	Front side	0.246	0.020	0.005	0.061	0.093	0.002	0.001	0.272	0.328	0.360	0.315	0.314	0.346	0.345	0.403	0.402	0.426
	Back side	0.164	0.075	0.028	0.080	0.219	0.014	0.003	0.267	0.318	0.458	0.286	0.275	0.425	0.415	0.477	0.466	0.566
LTE Band 7	Front side	0.214	0.020	0.005	0.061	0.093	0.002	0.001	0.239	0.295	0.327	0.282	0.281	0.314	0.313	0.370	0.369	0.394
	Back side	0.288	0.075	0.028	0.080	0.219	0.014	0.003	0.391	0.442	0.582	0.410	0.399	0.549	0.539	0.600	0.590	0.690
LTE Band 12	Front side	0.108	0.020	0.005	0.061	0.093	0.002	0.001	0.134	0.190	0.221	0.177	0.176	0.208	0.207	0.265	0.264	0.288
	Back side	0.308	0.075	0.028	0.080	0.219	0.014	0.003	0.411	0.462	0.601	0.430	0.419	0.569	0.558	0.620	0.610	0.709
LTE Band 13	Front side	0.054	0.020	0.005	0.061	0.093	0.002	0.001	0.079	0.135	0.167	0.122	0.121	0.154	0.153	0.210	0.209	0.234
	Back side	0.259	0.075	0.028	0.080	0.219	0.014	0.003	0.362	0.413	0.553	0.381	0.370	0.520	0.510	0.571	0.561	0.661
LTE Band 25	Front side	0.530	0.020	0.005	0.061	0.093	0.002	0.001	0.556	0.612	0.644	0.599	0.598	0.630	0.629	0.687	0.686	0.710
	Back side	0.619	0.075	0.028	0.080	0.219	0.014	0.003	0.722	0.774	0.913	0.741	0.731	0.880	0.870	0.932	0.921	1.021
LTE Band 26	Front side	0.227	0.020	0.005	0.061	0.093	0.002	0.001	0.253	0.309	0.341	0.296	0.295	0.327	0.326	0.384	0.383	0.407
	Back side	0.365	0.075	0.028	0.080	0.219	0.014	0.003	0.468	0.520	0.659	0.487	0.477	0.627	0.616	0.678	0.668	0.767
LTE Band 30	Front side	0.109	0.020	0.005	0.061	0.093	0.002	0.001	0.135	0.191	0.222	0.178	0.177	0.209	0.208	0.266	0.264	0.289
	Back side	0.223	0.075	0.028	0.080	0.219	0.014	0.003	0.326	0.378	0.517	0.345	0.335	0.485	0.474	0.536	0.525	0.625
LTE Band 41	Front side	0.147	0.020	0.005	0.061	0.093	0.002	0.001	0.173	0.229	0.261	0.216	0.215	0.247	0.246	0.304	0.303	0.327
	Back side	0.208	0.075	0.028	0.080	0.219	0.014	0.003	0.311	0.363	0.502	0.330	0.320	0.469	0.459	0.521	0.510	0.610
LTE Band 48	Front side	0.063	0.020	0.005	0.061	0.093	0.002	0.001	0.089	0.145	0.177	0.132	0.131	0.164	0.163	0.220	0.219	0.243
	Back side	0.098	0.075	0.028	0.080	0.219	0.014	0.003	0.201	0.253	0.392	0.220	0.210	0.359	0.349	0.411	0.400	0.500
LTE Band 66	Front side	0.245	0.020	0.005	0.061	0.093	0.002	0.001	0.271	0.327	0.359	0.314	0.313	0.345	0.344	0.402	0.401	0.425
	Back side	0.276	0.075	0.028	0.080	0.219	0.014	0.003	0.379	0.431	0.570	0.398	0.388	0.537	0.527	0.589	0.578	0.678
LTE Band 71	Front side	0.038	0.020	0.005	0.061	0.093	0.002	0.001	0.064	0.120	0.151	0.107	0.106	0.138	0.137	0.194	0.193	0.218
	Back side	0.032	0.075	0.028	0.080	0.219	0.014	0.003	0.135	0.186	0.325	0.154	0.143	0.293	0.282	0.344	0.334	0.433
NR n41	Front side	0.032	0.020	0.005	0.061	0.093	0.002	0.001	0.058	0.114	0.146	0.101	0.100	0.132	0.131	0.189	0.188	0.212
	Back side	0.212	0.075	0.028	0.080	0.219	0.014	0.003	0.315	0.366	0.506	0.334	0.323	0.473	0.463	0.525	0.514	0.614

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Calling\_Hotspot\_UAT

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.531	0.050	0.043	0.069	0.224	0.006	0.012	0.624	0.650	0.805	0.649	0.655	0.804	0.810	0.830	0.836	0.917
	Back side	0.394	0.154	0.062	0.114	0.466	0.039	0.016	0.610	0.662	1.014	0.608	0.586	0.961	0.939	1.012	0.990	1.190
	Top side	0.285	0.083	0.031	0.053	0.203	0.010	0.009	0.399	0.420	0.571	0.378	0.376	0.528	0.527	0.550	0.548	0.654
	Bottom side	0.006	0.001	0.001	0.002	0.055	0.001	0.001	0.008	0.009	0.062	0.010	0.010	0.063	0.063	0.064	0.064	0.065
	Right side	0.241	0.010	0.003	0.043	0.044	0.002	0.001	0.254	0.294	0.295	0.289	0.288	0.290	0.289	0.330	0.329	0.342
WCDMA Band V	Left side	0.140	0.056	0.026	0.017	0.120	0.017	0.008	0.221	0.213	0.316	0.200	0.191	0.303	0.293	0.294	0.285	0.358
	Front side	0.299	0.050	0.043	0.069	0.224	0.006	0.012	0.392	0.417	0.573	0.416	0.423	0.572	0.578	0.597	0.604	0.684
	Back side	0.262	0.154	0.062	0.114	0.466	0.039	0.016	0.478	0.530	0.882	0.476	0.454	0.829	0.807	0.880	0.858	1.058
	Top side	0.248	0.083	0.031	0.053	0.203	0.010	0.009	0.362	0.384	0.534	0.341	0.340	0.492	0.490	0.513	0.512	0.617
	Bottom side	0.003	0.001	0.001	0.002	0.055	0.001	0.001	0.005	0.006	0.059	0.007	0.007	0.060	0.060	0.061	0.061	0.062
LTE Band 12	Right side	0.152	0.010	0.003	0.043	0.044	0.002	0.001	0.165	0.205	0.206	0.201	0.199	0.201	0.200	0.242	0.240	0.253
	Left side	0.096	0.056	0.026	0.017	0.120	0.017	0.008	0.178	0.169	0.272	0.157	0.147	0.259	0.250	0.251	0.242	0.315
	Front side	0.174	0.050	0.043	0.069	0.224	0.006	0.012	0.286	0.292	0.447	0.291	0.298	0.446	0.453	0.472	0.479	0.559
	Back side	0.140	0.154	0.062	0.114	0.466	0.039	0.016	0.357	0.408	0.761	0.355	0.333	0.708	0.685	0.759	0.737	0.937
	Top side	0.122	0.083	0.031	0.053	0.203	0.010	0.009	0.236	0.258	0.408	0.215	0.214	0.366	0.365	0.388	0.386	0.492
LTE Band 13	Bottom side	0.003	0.001	0.001	0.002	0.055	0.001	0.001	0.005	0.006	0.058	0.007	0.007	0.059	0.059	0.060	0.060	0.061
	Right side	0.105	0.010	0.003	0.043	0.044	0.002	0.001	0.119	0.159	0.160	0.154	0.153	0.155	0.153	0.195	0.194	0.206
	Left side	0.007	0.056	0.026	0.017	0.120	0.017	0.008	0.088	0.080	0.183	0.067	0.058	0.170	0.161	0.161	0.162	0.226
	Front side	0.314	0.050	0.043	0.069	0.224	0.006	0.012	0.407	0.433	0.588	0.432	0.439	0.587	0.594	0.613	0.620	0.700
	Back side	0.268	0.154	0.062	0.114	0.466	0.039	0.016	0.484	0.536	0.888	0.483	0.461	0.835	0.813	0.887	0.865	1.065
LTE Band 26	Top side	0.200	0.083	0.031	0.053	0.203	0.010	0.009	0.314	0.335	0.486	0.293	0.292	0.443	0.442	0.465	0.464	0.569
	Bottom side	0.007	0.001	0.001	0.002	0.055	0.001	0.001	0.009	0.010	0.063	0.011	0.011	0.064	0.064	0.065	0.065	0.066
	Right side	0.158	0.010	0.003	0.043	0.044	0.002	0.001	0.172	0.212	0.213	0.207	0.206	0.208	0.207	0.248	0.247	0.260
	Left side	0.083	0.056	0.026	0.017	0.120	0.017	0.008	0.164	0.156	0.259	0.143	0.134	0.246	0.237	0.238	0.228	0.302
	Front side	0.326	0.050	0.043	0.069	0.224	0.006	0.012	0.418	0.444	0.600	0.443	0.450	0.598	0.605	0.624	0.631	0.711
LTE Band 71	Back side	0.258	0.154	0.062	0.114	0.466	0.039	0.016	0.475	0.526	0.879	0.473	0.451	0.826	0.804	0.877	0.855	1.055
	Top side	0.204	0.083	0.031	0.053	0.203	0.010	0.009	0.318	0.340	0.490	0.298	0.296	0.448	0.447	0.470	0.468	0.574
	Bottom side	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.003	0.004	0.057	0.005	0.005	0.058	0.058	0.059	0.059	0.060
	Right side	0.131	0.010	0.003	0.043	0.044	0.002	0.001	0.145	0.185	0.186	0.180	0.179	0.181	0.179	0.221	0.220	0.232
	Left side	0.102	0.056	0.026	0.017	0.120	0.017	0.008	0.184	0.175	0.278	0.162	0.153	0.265	0.256	0.257	0.248	0.321
NR n41	Front side	0.128	0.050	0.043	0.069	0.224	0.006	0.012	0.221	0.247	0.402	0.246	0.253	0.401	0.408	0.427	0.434	0.514
	Back side	0.114	0.154	0.062	0.114	0.466	0.039	0.016	0.331	0.382	0.735	0.329	0.307	0.681	0.659	0.733	0.711	0.911
	Top side	0.095	0.083	0.031	0.053	0.203	0.010	0.009	0.209	0.231	0.381	0.188	0.187	0.339	0.337	0.360	0.359	0.465
	Bottom side	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.003	0.004	0.057	0.005	0.005	0.058	0.058	0.059	0.059	0.060
	Right side	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.051	0.050	0.052	0.051	0.092	0.091	0.103
NR n41	Left side	0.068	0.056	0.026	0.017	0.120	0.017	0.008	0.149	0.141	0.244	0.128	0.119	0.231	0.221	0.222	0.213	0.286
	Front side	0.084	0.050	0.043	0.069	0.224	0.006	0.012	0.177	0.203	0.358	0.202	0.208	0.357	0.363	0.383	0.389	0.470
	Back side	0.217	0.154	0.062	0.114	0.466	0.039	0.016	0.433	0.485	0.837	0.432	0.409	0.784	0.762	0.836	0.813	1.013
	Top side	0.006	0.083	0.031	0.053	0.203	0.010	0.009	0.120	0.142	0.292	0.099	0.098	0.249	0.248	0.271	0.270	0.375
	Bottom side	0.004	0.001	0.001	0.002	0.055	0.001	0.001	0.006	0.007	0.060	0.008	0.008	0.061	0.061	0.062	0.062	0.063
NR n41	Right side	0.013	0.010	0.003	0.043	0.044	0.002	0.001	0.027	0.067	0.068	0.062	0.061	0.063	0.062	0.103	0.102	0.114
	Left side	0.025	0.056	0.026	0.017	0.120	0.017	0.008	0.106	0.098	0.201	0.085	0.076	0.188	0.179	0.180	0.170	0.244

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Calling\_Hotspot\_LAT

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(LAT)

WWAN	Exposure position (g/W/kg)	Scenario										1+2+3+4+5 Sum						
		1	2	3	4	5	6	7	8	9	10							
GPRS 850	Front side	0.813	0.050	0.043	0.069	0.224	0.006	0.012	0.906	0.932	1.087	0.931	0.938	1.086	1.093	1.112	1.119	1.199
	Back side	0.841	0.154	0.062	0.114	0.466	0.039	0.016	0.857	0.909	1.261	0.856	0.933	1.208	1.186	1.280	1.237	1.437
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.095	0.093	0.245	0.244	0.267	0.265	0.371
	Bottom side	0.632	0.001	0.001	0.002	0.055	0.001	0.001	0.634	0.635	0.688	0.636	0.689	0.689	0.689	0.690	0.690	0.691
	Right side	0.588	0.010	0.003	0.043	0.044	0.002	0.001	0.642	0.642	0.637	0.635	0.638	0.636	0.678	0.677	0.689	0.689
GPRS 1900	Front side	0.393	0.050	0.043	0.069	0.224	0.006	0.012	0.486	0.512	0.667	0.511	0.517	0.666	0.673	0.692	0.698	0.773
	Back side	0.433	0.154	0.062	0.114	0.466	0.039	0.016	0.649	0.701	1.053	0.648	0.626	1.000	0.978	1.052	1.030	1.230
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.094	0.093	0.245	0.243	0.266	0.265	0.371
	Bottom side	1.136	0.001	0.001	0.002	0.055	0.001	0.001	1.138	1.138	1.192	1.140	1.140	1.193	1.193	1.194	1.194	1.195
	Right side	0.446	0.010	0.003	0.043	0.044	0.002	0.001	0.159	0.159	0.209	0.194	0.193	0.195	0.194	0.236	0.234	0.247
WCDMA Band II	Front side	0.209	0.050	0.043	0.069	0.224	0.006	0.012	0.302	0.328	0.483	0.327	0.334	0.482	0.489	0.508	0.515	0.595
	Back side	0.373	0.154	0.062	0.114	0.466	0.039	0.016	0.589	0.641	0.993	0.587	0.565	0.940	0.918	0.991	0.969	1.169
	Top side	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.289	0.096	0.095	0.247	0.245	0.268	0.267	0.373
	Bottom side	1.172	0.001	0.001	0.002	0.055	0.001	0.001	1.174	1.175	1.228	1.176	1.176	1.229	1.229	1.230	1.230	1.231
	Right side	0.069	0.010	0.003	0.043	0.044	0.002	0.001	0.083	0.123	0.124	0.118	0.117	0.119	0.118	0.159	0.158	0.170
WCDMA Band IV	Front side	0.124	0.056	0.026	0.017	0.120	0.017	0.008	0.205	0.197	0.299	0.184	0.174	0.287	0.277	0.278	0.269	0.342
	Back side	0.146	0.154	0.062	0.114	0.466	0.039	0.016	0.712	0.763	1.116	0.710	0.688	1.062	1.040	1.114	1.092	1.292
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.094	0.093	0.245	0.243	0.266	0.265	0.370
	Bottom side	1.098	0.001	0.001	0.002	0.055	0.001	0.001	1.100	1.101	1.153	1.102	1.102	1.154	1.154	1.155	1.155	1.156
	Right side	0.045	0.010	0.003	0.043	0.044	0.002	0.001	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045
WCDMA Band V	Front side	0.164	0.056	0.026	0.017	0.120	0.017	0.008	0.245	0.237	0.340	0.224	0.215	0.327	0.317	0.318	0.309	0.382
	Back side	0.175	0.154	0.062	0.114	0.466	0.039	0.016	0.808	0.834	0.989	0.833	0.840	0.988	0.995	1.014	1.021	1.101
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.094	0.093	0.245	0.243	0.266	0.265	0.370
	Bottom side	1.098	0.001	0.001	0.002	0.055	0.001	0.001	1.100	1.101	1.153	1.102	1.102	1.154	1.154	1.155	1.155	1.156
	Right side	0.124	0.056	0.026	0.017	0.120	0.017	0.008	0.205	0.197	0.299	0.184	0.174	0.287	0.277	0.278	0.269	0.342
LTE Band 7	Front side	0.287	0.050	0.043	0.069	0.224	0.006	0.012	0.380	0.406	0.561	0.405	0.411	0.560	0.567	0.586	0.592	0.673
	Back side	0.272	0.154	0.062	0.114	0.466	0.039	0.016	0.488	0.540	0.892	0.487	0.465	0.839	0.817	0.891	0.868	1.069
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.095	0.093	0.245	0.244	0.267	0.265	0.371
	Bottom side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.017	0.057	0.058	0.062	0.051	0.053	0.052	0.093	0.092	0.104
	Right side	0.003	0.056	0.026	0.017	0.120	0.017	0.008	0.084	0.076	0.179	0.063	0.054	0.166	0.157	0.158	0.148	0.222
LTE Band 12	Front side	0.458	0.050	0.043	0.069	0.224	0.006	0.012	0.551	0.577	0.732	0.576	0.583	0.731	0.738	0.757	0.764	0.844
	Back side	0.471	0.154	0.062	0.114	0.466	0.039	0.016	0.688	0.739	1.092	0.686	0.664	1.039	1.016	1.090	1.068	1.269
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.137	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Bottom side	0.304	0.001	0.001	0.002	0.055	0.001	0.001	0.306	0.307	0.360	0.308	0.308	0.361	0.361	0.362	0.362	0.363
	Right side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
LTE Band 13	Front side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.371
	Back side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.137	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Bottom side	0.304	0.001	0.001	0.002	0.055	0.001	0.001	0.306	0.307	0.360	0.308	0.308	0.361	0.361	0.362	0.362	0.363
	Right side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
LTE Band 25	Front side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Back side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.137	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Bottom side	0.304	0.001	0.001	0.002	0.055	0.001	0.001	0.306	0.307	0.360	0.308	0.308	0.361	0.361	0.362	0.362	0.363
	Right side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
LTE Band 26	Front side	0.482	0.050	0.043	0.069	0.224	0.006	0.012	0.575	0.601	0.756	0.600	0.606	0.755	0.762	0.781	0.787	0.868
	Back side	0.471	0.154	0.062	0.114	0.466	0.039	0.016	0.688	0.739	1.092	0.686	0.664	1.039	1.016	1.090	1.068	1.269
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.137	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Bottom side	0.304	0.001	0.001	0.002	0.055	0.001	0.001	0.306	0.307	0.360	0.308	0.308	0.361	0.361	0.362	0.362	0.363
	Right side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
LTE Band 30	Front side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Back side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.137	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Bottom side	0.304	0.001	0.001	0.002	0.055	0.001	0.001	0.306	0.307	0.360	0.308	0.308	0.361	0.361	0.362	0.362	0.363
	Right side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
LTE Band 41	Front side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Back side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.062	0.050	0.052	0.051	0.093	0.091	0.104
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.137	0.288	0.095	0.094	0.245	0.244	0.267	0.266	0.371
	Bottom side	0.304	0.001	0.001	0.002	0.055	0.001	0.001	0.306	0								

### Camera\_Body-worn\_UAT

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN(UAT)

WWAN	Exposure position 10g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.531	0.009	0.001	0.035	0.051	0.003	0.016	0.542	0.575	0.592	0.570	0.583	0.586	0.600	0.620	0.633	0.628
	Back side	0.394	0.030	0.048	0.354	0.243	0.017	0.169	0.472	0.778	0.667	0.812	0.964	0.702	0.853	1.007	1.159	1.068
WCDMA Band V	Front side	0.299	0.009	0.001	0.035	0.051	0.003	0.016	0.310	0.343	0.360	0.338	0.351	0.354	0.368	0.388	0.401	0.396
	Back side	0.262	0.030	0.048	0.354	0.243	0.017	0.169	0.340	0.646	0.535	0.680	0.832	0.570	0.721	0.876	1.027	0.937
LTE Band 12	Front side	0.174	0.009	0.001	0.035	0.051	0.003	0.016	0.185	0.218	0.234	0.212	0.226	0.229	0.243	0.262	0.276	0.271
	Back side	0.140	0.030	0.048	0.354	0.243	0.017	0.169	0.219	0.524	0.414	0.559	0.711	0.448	0.600	0.754	0.906	0.815
LTE Band 13	Front side	0.314	0.009	0.001	0.035	0.051	0.003	0.016	0.325	0.358	0.375	0.353	0.366	0.370	0.383	0.403	0.416	0.411
	Back side	0.268	0.030	0.048	0.354	0.243	0.017	0.169	0.346	0.652	0.542	0.687	0.838	0.576	0.728	0.882	1.034	0.943
LTE Band 26	Front side	0.326	0.009	0.001	0.035	0.051	0.003	0.016	0.337	0.370	0.387	0.364	0.378	0.381	0.395	0.414	0.428	0.423
	Back side	0.258	0.030	0.048	0.354	0.243	0.017	0.169	0.337	0.643	0.532	0.677	0.829	0.567	0.718	0.872	1.024	0.933
LTE Band 71	Front side	0.128	0.009	0.001	0.035	0.051	0.003	0.016	0.139	0.172	0.189	0.167	0.180	0.184	0.197	0.217	0.230	0.225
	Back side	0.114	0.030	0.048	0.354	0.243	0.017	0.169	0.192	0.498	0.388	0.533	0.684	0.422	0.574	0.728	0.880	0.789
NR n41	Front side	0.084	0.009	0.001	0.035	0.051	0.003	0.016	0.095	0.128	0.145	0.123	0.136	0.140	0.153	0.173	0.186	0.181
	Back side	0.217	0.030	0.048	0.354	0.243	0.017	0.169	0.295	0.601	0.490	0.635	0.787	0.525	0.677	0.831	0.983	0.892

### Camera\_Body-worn\_LAT

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.526	0.009	0.001	0.035	0.051	0.003	0.016	0.537	0.570	0.587	0.565	0.578	0.582	0.595	0.615	0.628	0.623
	Back side	0.451	0.030	0.048	0.354	0.243	0.017	0.169	0.529	0.835	0.725	0.870	1.021	0.759	0.911	1.065	1.217	1.126
GPRS 1900	Front side	0.257	0.009	0.001	0.035	0.051	0.003	0.016	0.267	0.301	0.317	0.295	0.309	0.312	0.325	0.345	0.359	0.354
	Back side	0.458	0.030	0.048	0.354	0.243	0.017	0.169	0.536	0.842	0.732	0.877	1.028	0.766	0.918	1.072	1.224	1.133
WCDMA Band II	Front side	0.353	0.009	0.001	0.035	0.051	0.003	0.016	0.363	0.397	0.413	0.391	0.405	0.408	0.421	0.441	0.455	0.449
	Back side	0.454	0.030	0.048	0.354	0.243	0.017	0.169	0.533	0.839	0.728	0.873	1.025	0.763	0.914	1.068	1.220	1.129
WCDMA Band IV	Front side	0.153	0.009	0.001	0.035	0.051	0.003	0.016	0.163	0.197	0.213	0.191	0.205	0.208	0.221	0.241	0.255	0.250
	Back side	0.212	0.030	0.048	0.354	0.243	0.017	0.169	0.290	0.596	0.486	0.631	0.782	0.520	0.672	0.826	0.978	0.887
WCDMA Band V	Front side	0.246	0.009	0.001	0.035	0.051	0.003	0.016	0.257	0.290	0.307	0.285	0.298	0.302	0.315	0.335	0.348	0.343
	Back side	0.164	0.030	0.048	0.354	0.243	0.017	0.169	0.242	0.548	0.438	0.583	0.734	0.472	0.624	0.778	0.930	0.839
LTE Band 7	Front side	0.214	0.009	0.001	0.035	0.051	0.003	0.016	0.224	0.257	0.274	0.252	0.266	0.269	0.282	0.302	0.316	0.310
	Back side	0.288	0.030	0.048	0.354	0.243	0.017	0.169	0.366	0.672	0.561	0.707	0.858	0.596	0.748	0.902	1.054	0.963
LTE Band 12	Front side	0.108	0.009	0.001	0.035	0.051	0.003	0.016	0.119	0.152	0.169	0.147	0.160	0.163	0.177	0.197	0.210	0.205
	Back side	0.308	0.030	0.048	0.354	0.243	0.017	0.169	0.386	0.692	0.581	0.726	0.878	0.616	0.768	0.922	1.073	0.983
LTE Band 13	Front side	0.054	0.009	0.001	0.035	0.051	0.003	0.016	0.064	0.098	0.114	0.092	0.106	0.109	0.122	0.142	0.156	0.150
	Back side	0.259	0.030	0.048	0.354	0.243	0.017	0.169	0.337	0.643	0.532	0.678	0.829	0.567	0.719	0.873	1.025	0.934
LTE Band 25	Front side	0.530	0.009	0.001	0.035	0.051	0.003	0.016	0.541	0.574	0.591	0.569	0.582	0.586	0.599	0.619	0.632	0.627
	Back side	0.619	0.030	0.048	0.354	0.243	0.017	0.169	0.697	1.003	0.893	1.038	1.190	0.927	1.079	1.233	1.385	1.294
LTE Band 26	Front side	0.227	0.009	0.001	0.035	0.051	0.003	0.016	0.238	0.271	0.288	0.266	0.279	0.283	0.296	0.316	0.329	0.324
	Back side	0.365	0.030	0.048	0.354	0.243	0.017	0.169	0.444	0.750	0.639	0.784	0.936	0.674	0.825	0.979	1.131	1.040
LTE Band 30	Front side	0.109	0.009	0.001	0.035	0.051	0.003	0.016	0.120	0.153	0.170	0.148	0.161	0.164	0.178	0.198	0.211	0.206
	Back side	0.223	0.030	0.048	0.354	0.243	0.017	0.169	0.302	0.608	0.497	0.642	0.794	0.532	0.683	0.837	0.989	0.898
LTE Band 41	Front side	0.147	0.009	0.001	0.035	0.051	0.003	0.016	0.158	0.191	0.208	0.186	0.199	0.203	0.216	0.236	0.249	0.244
	Back side	0.208	0.030	0.048	0.354	0.243	0.017	0.169	0.286	0.592	0.482	0.627	0.779	0.516	0.668	0.822	0.974	0.883
LTE Band 48	Front side	0.063	0.009	0.001	0.035	0.051	0.003	0.016	0.074	0.107	0.124	0.102	0.115	0.119	0.132	0.152	0.165	0.160
	Back side	0.098	0.030	0.048	0.354	0.243	0.017	0.169	0.176	0.482	0.372	0.517	0.669	0.406	0.558	0.712	0.864	0.773
LTE Band 66	Front side	0.245	0.009	0.001	0.035	0.051	0.003	0.016	0.256	0.289	0.306	0.284	0.297	0.301	0.314	0.334	0.347	0.342
	Back side	0.276	0.030	0.048	0.354	0.243	0.017	0.169	0.354	0.660	0.550	0.695	0.847	0.584	0.736	0.890	1.042	0.951
LTE Band 71	Front side	0.038	0.009	0.001	0.035	0.051	0.003	0.016	0.049	0.082	0.099	0.077	0.090	0.093	0.107	0.127	0.140	0.135
	Back side	0.032	0.030	0.048	0.354	0.243	0.017	0.169	0.110	0.416	0.305	0.450	0.602	0.340	0.491	0.646	0.797	0.707
NR n41	Front side	0.032	0.009	0.001	0.035	0.051	0.003	0.016	0.043	0.076	0.093	0.071	0.084	0.088	0.101	0.121	0.134	0.129
	Back side	0.212	0.030	0.048	0.354	0.243	0.017	0.169	0.290	0.596	0.486	0.631	0.782	0.520	0.672	0.826	0.978	0.887

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Camera\_Hotspot\_UAT

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.035	0.011	0.077	0.054	0.006	0.026	0.577	0.643	0.620	0.625	0.645	0.602	0.622	0.667	0.688	0.708
	Back side	0.394	0.090	0.032	0.459	0.429	0.087	0.076	0.515	0.942	0.912	0.972	0.960	0.942	0.930	1.369	1.357	1.403
	Top side	0.285	0.073	0.001	0.084	0.003	0.072	0.001	0.358	0.441	0.360	0.442	0.370	0.361	0.290	0.444	0.373	0.445
	Bottom side	0.006	0.001	0.006	0.001	0.102	0.001	0.020	0.013	0.008	0.109	0.014	0.033	0.115	0.134	0.110	0.129	0.116
	Right side	0.241	0.002	0.002	0.019	0.043	0.003	0.004	0.245	0.262	0.286	0.266	0.266	0.290	0.290	0.307	0.307	0.308
WCDMA Band V	Front side	0.299	0.035	0.011	0.077	0.054	0.006	0.026	0.345	0.411	0.388	0.392	0.413	0.370	0.390	0.435	0.456	0.476
	Back side	0.262	0.090	0.032	0.459	0.429	0.087	0.076	0.383	0.810	0.780	0.840	0.828	0.810	0.798	1.237	1.225	1.271
	Top side	0.248	0.073	0.001	0.084	0.003	0.072	0.001	0.322	0.405	0.324	0.405	0.334	0.325	0.253	0.407	0.336	0.409
	Bottom side	0.003	0.001	0.006	0.001	0.102	0.001	0.020	0.010	0.005	0.106	0.011	0.030	0.111	0.131	0.107	0.126	0.112
	Right side	0.152	0.002	0.002	0.019	0.043	0.003	0.004	0.156	0.173	0.197	0.177	0.177	0.201	0.201	0.218	0.218	0.219
LTE Band 12	Front side	0.174	0.035	0.011	0.077	0.054	0.006	0.026	0.220	0.285	0.263	0.267	0.288	0.245	0.265	0.310	0.330	0.351
	Back side	0.140	0.090	0.032	0.459	0.429	0.087	0.076	0.262	0.689	0.659	0.719	0.707	0.688	0.677	1.116	1.104	1.150
	Top side	0.122	0.073	0.001	0.084	0.003	0.072	0.001	0.196	0.279	0.198	0.280	0.208	0.199	0.127	0.282	0.210	0.283
	Bottom side	0.003	0.001	0.006	0.001	0.102	0.001	0.020	0.009	0.005	0.105	0.011	0.030	0.111	0.130	0.106	0.126	0.112
	Right side	0.105	0.002	0.002	0.019	0.043	0.003	0.004	0.110	0.126	0.150	0.130	0.131	0.154	0.155	0.171	0.171	0.172
LTE Band 13	Front side	0.314	0.035	0.011	0.077	0.054	0.006	0.026	0.360	0.426	0.403	0.408	0.428	0.385	0.406	0.451	0.471	0.491
	Back side	0.268	0.090	0.032	0.459	0.429	0.087	0.076	0.389	0.817	0.786	0.846	0.835	0.816	0.805	1.243	1.232	1.277
	Top side	0.200	0.073	0.001	0.084	0.003	0.072	0.001	0.274	0.356	0.276	0.357	0.286	0.276	0.205	0.359	0.288	0.360
	Bottom side	0.007	0.001	0.006	0.001	0.102	0.001	0.020	0.014	0.009	0.110	0.015	0.034	0.115	0.134	0.111	0.130	0.116
	Right side	0.158	0.002	0.002	0.019	0.043	0.003	0.004	0.163	0.180	0.204	0.183	0.184	0.207	0.208	0.224	0.225	0.226
LTE Band 26	Front side	0.326	0.035	0.011	0.077	0.054	0.006	0.026	0.372	0.437	0.415	0.419	0.440	0.397	0.417	0.462	0.483	0.503
	Back side	0.258	0.090	0.032	0.459	0.429	0.087	0.076	0.380	0.807	0.777	0.837	0.825	0.807	0.795	1.234	1.222	1.268
	Top side	0.204	0.073	0.001	0.084	0.003	0.072	0.001	0.278	0.361	0.280	0.362	0.290	0.281	0.209	0.364	0.292	0.365
	Bottom side	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.008	0.003	0.104	0.009	0.028	0.110	0.129	0.105	0.124	0.111
	Right side	0.131	0.002	0.002	0.019	0.043	0.003	0.004	0.136	0.152	0.176	0.156	0.157	0.180	0.181	0.197	0.197	0.198
LTE Band 71	Front side	0.128	0.035	0.011	0.077	0.054	0.006	0.026	0.174	0.240	0.217	0.222	0.242	0.199	0.220	0.265	0.285	0.305
	Back side	0.114	0.090	0.032	0.459	0.429	0.087	0.076	0.236	0.663	0.632	0.692	0.681	0.662	0.651	1.089	1.078	1.124
	Top side	0.095	0.073	0.001	0.084	0.003	0.072	0.001	0.169	0.252	0.171	0.252	0.181	0.172	0.100	0.254	0.183	0.256
	Bottom side	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.008	0.003	0.104	0.009	0.028	0.110	0.129	0.105	0.124	0.111
	Right side	0.002	0.002	0.002	0.019	0.043	0.003	0.004	0.007	0.024	0.048	0.027	0.028	0.051	0.052	0.068	0.069	0.069
NR n41	Front side	0.084	0.035	0.011	0.077	0.054	0.006	0.026	0.130	0.196	0.173	0.178	0.198	0.155	0.175	0.220	0.241	0.261
	Back side	0.217	0.090	0.032	0.459	0.429	0.087	0.076	0.338	0.765	0.735	0.795	0.784	0.765	0.753	1.192	1.180	1.226
	Top side	0.006	0.073	0.001	0.084	0.003	0.072	0.001	0.080	0.163	0.082	0.163	0.092	0.082	0.011	0.165	0.094	0.167
	Bottom side	0.004	0.001	0.006	0.001	0.102	0.001	0.020	0.011	0.006	0.107	0.012	0.031	0.113	0.132	0.108	0.127	0.114
	Right side	0.013	0.002	0.002	0.019	0.043	0.003	0.004	0.018	0.035	0.059	0.038	0.039	0.062	0.063	0.079	0.080	0.080
Left side	0.025	0.026	0.007	0.073	0.013	0.058	0.016	0.058	0.123	0.064	0.163	0.121	0.103	0.061	0.168	0.127	0.143	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Camera\_Hotspot\_LAT

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	Scenario																
		1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum	Sum
GPRS 850	Front side	0.456	0.035	0.011	0.077	0.054	0.006	0.026	0.502	0.568	0.545	0.550	0.570	0.527	0.547	0.593	0.613	0.633
	Back side	0.407	0.090	0.032	0.459	0.429	0.087	0.076	0.528	0.955	0.925	0.985	0.973	0.955	0.943	1.382	1.370	1.416
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.397	0.001	0.006	0.001	0.102	0.001	0.020	0.403	0.399	0.499	0.404	0.424	0.505	0.524	0.500	0.519	0.506
	Right side	0.369	0.002	0.002	0.019	0.043	0.003	0.004	0.374	0.391	0.415	0.394	0.395	0.418	0.419	0.435	0.436	0.436
GPRS 1900	Front side	0.096	0.026	0.007	0.073	0.013	0.058	0.016	0.128	0.194	0.134	0.233	0.191	0.174	0.132	0.239	0.197	0.214
	Back side	0.393	0.035	0.011	0.077	0.054	0.006	0.026	0.439	0.505	0.482	0.487	0.507	0.464	0.484	0.529	0.550	0.570
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.136	0.001	0.006	0.001	0.102	0.001	0.020	0.143	1.138	1.238	1.144	1.163	1.244	1.263	1.240	1.259	1.245
	Right side	0.146	0.002	0.002	0.019	0.043	0.003	0.004	0.150	0.167	0.191	0.171	0.171	0.195	0.195	0.212	0.212	0.213
WCDMA Band II	Front side	0.240	0.026	0.007	0.073	0.013	0.058	0.016	0.273	0.338	0.278	0.377	0.336	0.318	0.276	0.383	0.341	0.358
	Back side	0.209	0.035	0.011	0.077	0.054	0.006	0.026	0.255	0.321	0.298	0.303	0.323	0.280	0.300	0.346	0.366	0.386
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.146	0.002	0.002	0.019	0.043	0.003	0.004	0.150	0.167	0.191	0.171	0.171	0.195	0.195	0.212	0.212	0.213
	Right side	0.146	0.002	0.002	0.019	0.043	0.003	0.004	0.150	0.167	0.191	0.171	0.171	0.195	0.195	0.212	0.212	0.213
WCDMA Band IV	Front side	0.495	0.096	0.032	0.459	0.429	0.087	0.076	0.617	1.044	1.014	1.074	1.062	1.043	1.032	1.471	1.459	1.508
	Back side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.098	0.001	0.006	0.001	0.102	0.001	0.020	1.104	1.100	1.200	1.105	1.125	1.206	1.225	1.201	1.220	1.207
	Right side	0.070	0.002	0.002	0.019	0.043	0.003	0.004	0.075	0.092	0.116	0.095	0.096	0.119	0.120	0.136	0.137	0.137
WCDMA Band V	Front side	0.151	0.026	0.007	0.073	0.013	0.058	0.016	0.119	0.158	0.119	0.206	0.207	0.206	0.207	0.265	0.232	0.252
	Back side	0.614	0.035	0.011	0.077	0.054	0.006	0.026	0.660	0.726	0.703	0.708	0.728	0.685	0.706	0.751	0.771	0.791
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.396	0.001	0.006	0.001	0.102	0.001	0.020	0.375	0.370	0.474	0.384	0.403	0.477	0.492	0.471	0.472	0.472
	Right side	0.174	0.002	0.002	0.019	0.043	0.003	0.004	0.179	0.196	0.220	0.199	0.200	0.223	0.224	0.240	0.241	0.241
LTE Band 7	Front side	0.458	0.035	0.011	0.077	0.054	0.006	0.026	0.496	0.513	0.528	0.543	0.531	0.513	0.501	0.540	0.529	0.574
	Back side	0.369	0.002	0.002	0.019	0.043	0.003	0.004	0.074	0.091	0.115	0.094	0.095	0.119	0.119	0.135	0.136	0.136
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.825	0.001	0.006	0.001	0.102	0.001	0.020	0.832	0.827	0.928	0.833	0.852	0.934	0.953	0.929	0.948	0.935
	Right side	0.071	0.002	0.002	0.019	0.043	0.003	0.004	0.075	0.092	0.116	0.096	0.096	0.120	0.120	0.137	0.137	0.138
LTE Band 12	Front side	0.246	0.026	0.007	0.073	0.013	0.058	0.016	0.279	0.344	0.284	0.384	0.342	0.324	0.282	0.389	0.347	0.364
	Back side	0.272	0.090	0.032	0.459	0.429	0.087	0.076	0.393	0.821	0.790	0.850	0.839	0.820	0.808	1.247	1.236	1.281
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.236	0.001	0.006	0.001	0.102	0.001	0.020	0.243	0.238	0.339	0.244	0.263	0.344	0.364	0.340	0.359	0.345
	Right side	0.003	0.002	0.002	0.019	0.043	0.003	0.004	0.008	0.025	0.049	0.028	0.029	0.052	0.053	0.069	0.070	0.070
LTE Band 13	Front side	0.458	0.035	0.011	0.077	0.054	0.006	0.026	0.504	0.570	0.543	0.558	0.578	0.535	0.555	0.615	0.635	0.655
	Back side	0.395	0.090	0.032	0.459	0.429	0.087	0.076	0.517	0.944	0.914	0.974	0.962	0.944	0.932	1.371	1.359	1.405
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.304	0.001	0.006	0.001	0.102	0.001	0.020	0.311	0.306	0.407	0.312	0.331	0.413	0.432	0.408	0.427	0.413
	Right side	0.003	0.002	0.002	0.019	0.043	0.003	0.004	0.034	0.030	0.040	0.039	0.097	0.080	0.038	0.145	0.103	0.120
LTE Band 25	Front side	0.442	0.035	0.011	0.077	0.054	0.006	0.026	0.488	0.554	0.531	0.536	0.556	0.513	0.533	0.578	0.599	0.619
	Back side	0.475	0.090	0.032	0.459	0.429	0.087	0.076	0.597	1.024	0.993	1.053	1.042	1.023	1.012	1.450	1.439	1.485
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	1.152	0.001	0.006	0.001	0.102	0.001	0.020	1.159	1.154	1.255	1.160	1.179	1.260	1.280	1.256	1.275	1.261
	Right side	0.012	0.002	0.002	0.019	0.043	0.003	0.004	0.017	0.033	0.057	0.037	0.038	0.061	0.062	0.078	0.078	0.079
LTE Band 26	Front side	0.225	0.026	0.007	0.073	0.013	0.058	0.016	0.257	0.323	0.263	0.362	0.320	0.303	0.261	0.368	0.326	0.343
	Back side	0.482	0.035	0.011	0.077	0.054	0.006	0.026	0.528	0.594	0.571	0.576	0.596	0.553	0.573	0.618	0.639	0.659
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.471	0.090	0.032	0.459	0.429	0.087	0.076	0.593	1.020	0.990	1.050	1.038	1.019	1.008	1.447	1.435	1.481
	Right side	0.006	0.073	0.001	0.084	0.003	0.072	0.001	0.080	0.163	0.082	0.164	0.092	0.083	0.011	0.166	0.094	0.167
LTE Band 30	Front side	0.435	0.090	0.032	0.459	0.429	0.087	0.076	0.557	0.984	0.953	1.013	1.002	0.983	0.972	1.410	1.399	1.444
	Back side	0.304	0.001	0.006	0.001	0.102	0.001	0.020	0.311	0.306	0.407	0.312	0.331	0.413	0.432	0.408	0.427	0.413
	Top side	0.006	0.073	0.001	0.084	0.003	0.072	0.001	0.080	0.163	0.082	0.163	0.092	0.083	0.011	0.165	0.094	0.167
	Bottom side	0.567	0.001	0.006	0.001	0.102	0.001	0.020	0.573	0.569	0.669	0.574	0.594	0.675	0.694	0.670	0.689	0.676
	Right side	0.043	0.002	0.002	0.019	0.043	0.003	0.004	0.048	0.065	0.089	0.068	0.069	0.092	0.093	0.109	0.110	0.110
LTE Band 41	Front side	0.294	0.026	0.007	0.073	0.013	0.058	0.016	0.327	0.392	0.333	0.432	0.390	0.372	0.331	0.438	0.396	0.413
	Back side	0.355	0.035	0.011	0.077	0.054	0.006	0.026	0.401	0.467	0.444	0.449	0.469	0.426	0.446	0.491	0.512	0.532
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.806	0.001	0.006	0.001	0.102	0.001	0.020	0.812	0.808	0.908	0.813	0.833	0.914	0.933	0.909	0.928	0.915
	Right side	0.005	0.002	0.002	0.019	0.043	0.003	0.004	0.009	0.026	0.050	0.030	0.030	0.054	0.054	0.071	0.071	0.072
LTE Band 48	Front side	0.252	0.026	0.007	0.073	0.013	0.058	0.016	0.285	0.350	0.290	0.390	0.348	0.330	0.288	0.395	0.353	0.370
	Back side	0.208	0.090	0.032	0.459	0.429	0.087	0.076	0.330	0.757	0.727	0.787	0.775	0.756	0.745	1.183	1.172	1.218
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.1								



### Normal\_Landscape\_Body\_UAT

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN(UAT)

WWAN	Exposure position (µg(W/kg))	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.020	0.001	0.061	0.051	0.002	0.016	0.553	0.613	0.603	0.596	0.610	0.586	0.600	0.646	0.660	0.666
	Back side	0.394	0.075	0.048	0.080	0.243	0.014	0.169	0.516	0.548	0.711	0.535	0.690	0.698	0.853	0.730	0.885	0.839
WCDMA Band V	Front side	0.299	0.020	0.001	0.061	0.051	0.002	0.016	0.321	0.381	0.371	0.364	0.378	0.354	0.368	0.414	0.428	0.434
	Back side	0.262	0.075	0.048	0.080	0.243	0.014	0.169	0.384	0.416	0.579	0.403	0.558	0.566	0.721	0.598	0.753	0.707
LTE Band 12	Front side	0.174	0.020	0.001	0.061	0.051	0.002	0.016	0.196	0.256	0.246	0.239	0.253	0.229	0.243	0.289	0.303	0.309
	Back side	0.140	0.075	0.048	0.080	0.243	0.014	0.169	0.263	0.295	0.458	0.282	0.437	0.445	0.600	0.477	0.632	0.586
LTE Band 13	Front side	0.314	0.020	0.001	0.061	0.051	0.002	0.016	0.336	0.396	0.386	0.379	0.393	0.369	0.383	0.429	0.443	0.449
	Back side	0.268	0.075	0.048	0.080	0.243	0.014	0.169	0.390	0.422	0.586	0.409	0.564	0.573	0.728	0.605	0.760	0.713
LTE Band 26	Front side	0.326	0.020	0.001	0.061	0.051	0.002	0.016	0.348	0.408	0.398	0.391	0.405	0.381	0.395	0.441	0.455	0.461
	Back side	0.258	0.075	0.048	0.080	0.243	0.014	0.169	0.381	0.413	0.576	0.400	0.555	0.563	0.718	0.595	0.750	0.704
LTE Band 71	Front side	0.128	0.020	0.001	0.061	0.051	0.002	0.016	0.150	0.210	0.200	0.193	0.207	0.183	0.197	0.243	0.257	0.263
	Back side	0.114	0.075	0.048	0.080	0.243	0.014	0.169	0.236	0.268	0.432	0.255	0.411	0.419	0.574	0.451	0.606	0.559
NR n41	Front side	0.084	0.020	0.001	0.061	0.051	0.002	0.016	0.106	0.166	0.156	0.149	0.163	0.139	0.153	0.199	0.213	0.219
	Back side	0.217	0.075	0.048	0.080	0.243	0.014	0.169	0.339	0.371	0.535	0.358	0.513	0.521	0.677	0.553	0.709	0.662

### Normal\_Landscape\_Body\_LAT

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN(LAT)

WWAN	Exposure position (µg(W/kg))	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.526	0.020	0.001	0.061	0.051	0.002	0.016	0.548	0.608	0.598	0.591	0.605	0.581	0.595	0.641	0.655	0.661
	Back side	0.451	0.075	0.048	0.080	0.243	0.014	0.169	0.573	0.605	0.769	0.592	0.748	0.756	0.911	0.788	0.943	0.896
GPRS 1900	Front side	0.257	0.020	0.001	0.061	0.051	0.002	0.016	0.279	0.339	0.328	0.322	0.335	0.312	0.325	0.372	0.385	0.391
	Back side	0.458	0.075	0.048	0.080	0.243	0.014	0.169	0.580	0.612	0.776	0.599	0.755	0.763	0.918	0.795	0.950	0.903
WCDMA Band II	Front side	0.353	0.020	0.001	0.061	0.051	0.002	0.016	0.374	0.434	0.424	0.418	0.431	0.407	0.421	0.468	0.481	0.487
	Back side	0.454	0.075	0.048	0.080	0.243	0.014	0.169	0.577	0.609	0.772	0.596	0.751	0.759	0.914	0.791	0.946	0.900
WCDMA Band IV	Front side	0.153	0.020	0.001	0.061	0.051	0.002	0.016	0.175	0.235	0.225	0.218	0.232	0.208	0.221	0.268	0.282	0.288
	Back side	0.212	0.075	0.048	0.080	0.243	0.014	0.169	0.334	0.366	0.530	0.353	0.508	0.517	0.672	0.549	0.704	0.657
WCDMA Band V	Front side	0.246	0.020	0.001	0.061	0.051	0.002	0.016	0.268	0.328	0.318	0.311	0.325	0.301	0.315	0.361	0.375	0.381
	Back side	0.164	0.075	0.048	0.080	0.243	0.014	0.169	0.286	0.318	0.482	0.305	0.460	0.469	0.624	0.501	0.656	0.609
LTE Band 7	Front side	0.214	0.020	0.001	0.061	0.051	0.002	0.016	0.235	0.295	0.285	0.278	0.292	0.268	0.282	0.328	0.342	0.348
	Back side	0.288	0.075	0.048	0.080	0.243	0.014	0.169	0.410	0.442	0.606	0.429	0.584	0.593	0.748	0.625	0.780	0.733
LTE Band 12	Front side	0.108	0.020	0.001	0.061	0.051	0.002	0.016	0.130	0.190	0.180	0.173	0.187	0.163	0.177	0.223	0.237	0.243
	Back side	0.308	0.075	0.048	0.080	0.243	0.014	0.169	0.430	0.462	0.625	0.449	0.604	0.612	0.768	0.644	0.800	0.753
LTE Band 13	Front side	0.054	0.020	0.001	0.061	0.051	0.002	0.016	0.075	0.135	0.125	0.118	0.132	0.108	0.122	0.168	0.182	0.188
	Back side	0.259	0.075	0.048	0.080	0.243	0.014	0.169	0.381	0.413	0.577	0.400	0.555	0.564	0.719	0.596	0.751	0.704
LTE Band 25	Front side	0.530	0.020	0.001	0.061	0.051	0.002	0.016	0.552	0.612	0.602	0.595	0.609	0.585	0.599	0.645	0.659	0.665
	Back side	0.619	0.075	0.048	0.080	0.243	0.014	0.169	0.742	0.774	0.937	0.761	0.916	0.924	1.079	0.956	1.111	1.064
LTE Band 26	Front side	0.227	0.020	0.001	0.061	0.051	0.002	0.016	0.249	0.309	0.299	0.292	0.306	0.282	0.296	0.342	0.356	0.362
	Back side	0.365	0.075	0.048	0.080	0.243	0.014	0.169	0.488	0.520	0.683	0.507	0.662	0.670	0.825	0.702	0.857	0.811
LTE Band 30	Front side	0.109	0.020	0.001	0.061	0.051	0.002	0.016	0.131	0.191	0.181	0.174	0.188	0.164	0.178	0.224	0.238	0.244
	Back side	0.223	0.075	0.048	0.080	0.243	0.014	0.169	0.346	0.378	0.541	0.365	0.520	0.528	0.683	0.560	0.715	0.669
LTE Band 41	Front side	0.147	0.020	0.001	0.061	0.051	0.002	0.016	0.169	0.229	0.219	0.212	0.226	0.202	0.216	0.262	0.276	0.282
	Back side	0.208	0.075	0.048	0.080	0.243	0.014	0.169	0.331	0.363	0.526	0.350	0.505	0.513	0.668	0.545	0.700	0.654
LTE Band 48	Front side	0.063	0.020	0.001	0.061	0.051	0.002	0.016	0.085	0.145	0.135	0.128	0.142	0.118	0.132	0.178	0.192	0.198
	Back side	0.098	0.075	0.048	0.080	0.243	0.014	0.169	0.221	0.253	0.416	0.239	0.395	0.403	0.558	0.435	0.590	0.543
LTE Band 66	Front side	0.245	0.020	0.001	0.061	0.051	0.002	0.016	0.267	0.327	0.317	0.310	0.324	0.300	0.314	0.360	0.374	0.380
	Back side	0.276	0.075	0.048	0.080	0.243	0.014	0.169	0.399	0.431	0.594	0.418	0.573	0.581	0.736	0.613	0.768	0.722
LTE Band 71	Front side	0.038	0.020	0.001	0.061	0.051	0.002	0.016	0.060	0.120	0.110	0.103	0.117	0.093	0.107	0.153	0.167	0.173
	Back side	0.032	0.075	0.048	0.080	0.243	0.014	0.169	0.154	0.186	0.349	0.173	0.328	0.336	0.491	0.368	0.523	0.477
NR n41	Front side	0.032	0.020	0.001	0.061	0.051	0.002	0.016	0.054	0.114	0.104	0.097	0.111	0.087	0.101	0.147	0.161	0.167
	Back side	0.212	0.075	0.048	0.080	0.243	0.014	0.169	0.334	0.366	0.530	0.353	0.508	0.517	0.672	0.549	0.704	0.657

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Normal\_Landscape\_Hotspot\_UAT

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.050	0.011	0.069	0.054	0.006	0.026	0.592	0.650	0.635	0.617	0.637	0.602	0.622	0.660	0.680	0.715
	Back side	0.394	0.154	0.032	0.114	0.429	0.039	0.076	0.580	0.662	0.977	0.578	0.615	0.893	0.930	0.975	1.012	1.122
	Top side	0.285	0.083	0.001	0.053	0.003	0.010	0.001	0.369	0.420	0.371	0.348	0.339	0.298	0.290	0.350	0.341	0.424
	Bottom side	0.006	0.001	0.006	0.002	0.102	0.001	0.020	0.013	0.009	0.109	0.015	0.034	0.115	0.134	0.114	0.130	0.117
	Right side	0.241	0.010	0.002	0.043	0.043	0.002	0.004	0.253	0.294	0.294	0.289	0.290	0.289	0.290	0.330	0.331	0.340
	Left side	0.140	0.056	0.007	0.017	0.013	0.017	0.016	0.203	0.213	0.208	0.182	0.180	0.177	0.176	0.187	0.186	0.233
WCDMA Band V	Front side	0.299	0.050	0.011	0.069	0.054	0.006	0.026	0.360	0.417	0.403	0.385	0.405	0.370	0.390	0.427	0.448	0.483
	Back side	0.262	0.154	0.032	0.114	0.429	0.039	0.076	0.448	0.530	0.845	0.446	0.483	0.761	0.798	0.843	0.880	0.990
	Top side	0.248	0.083	0.001	0.053	0.003	0.010	0.001	0.332	0.384	0.334	0.311	0.303	0.262	0.253	0.313	0.305	0.388
	Bottom side	0.003	0.001	0.006	0.002	0.102	0.001	0.020	0.010	0.006	0.106	0.012	0.031	0.111	0.131	0.108	0.127	0.113
	Right side	0.152	0.010	0.002	0.043	0.043	0.002	0.004	0.164	0.205	0.205	0.200	0.201	0.200	0.201	0.241	0.242	0.251
	Left side	0.096	0.056	0.007	0.017	0.013	0.017	0.016	0.159	0.169	0.165	0.138	0.137	0.134	0.133	0.144	0.143	0.190
LTE Band 12	Front side	0.174	0.050	0.011	0.069	0.054	0.006	0.026	0.235	0.292	0.277	0.260	0.290	0.245	0.265	0.302	0.323	0.358
	Back side	0.140	0.154	0.032	0.114	0.429	0.039	0.076	0.326	0.408	0.723	0.325	0.362	0.640	0.677	0.722	0.759	0.869
	Top side	0.122	0.083	0.001	0.053	0.003	0.010	0.001	0.207	0.258	0.209	0.186	0.177	0.136	0.127	0.188	0.179	0.262
	Bottom side	0.003	0.001	0.006	0.002	0.102	0.001	0.020	0.009	0.006	0.105	0.012	0.031	0.111	0.130	0.107	0.127	0.113
	Right side	0.105	0.010	0.002	0.043	0.043	0.002	0.004	0.118	0.159	0.159	0.153	0.155	0.153	0.155	0.194	0.196	0.204
	Left side	0.007	0.056	0.007	0.017	0.013	0.017	0.016	0.070	0.080	0.076	0.049	0.048	0.045	0.043	0.055	0.053	0.100
LTE Band 13	Front side	0.314	0.050	0.011	0.069	0.054	0.006	0.026	0.375	0.433	0.418	0.400	0.420	0.385	0.406	0.443	0.463	0.498
	Back side	0.268	0.154	0.032	0.114	0.429	0.039	0.076	0.454	0.536	0.851	0.452	0.490	0.767	0.805	0.849	0.886	0.997
	Top side	0.200	0.083	0.001	0.053	0.003	0.010	0.001	0.284	0.335	0.286	0.263	0.254	0.214	0.205	0.265	0.256	0.340
	Bottom side	0.007	0.001	0.006	0.002	0.102	0.001	0.020	0.014	0.010	0.110	0.016	0.035	0.115	0.134	0.112	0.131	0.117
	Right side	0.158	0.010	0.002	0.043	0.043	0.002	0.004	0.171	0.212	0.212	0.206	0.208	0.206	0.208	0.247	0.249	0.258
	Left side	0.083	0.056	0.007	0.017	0.013	0.017	0.016	0.146	0.156	0.152	0.125	0.124	0.121	0.119	0.131	0.129	0.176
LTE Band 26	Front side	0.326	0.050	0.011	0.069	0.054	0.006	0.026	0.387	0.444	0.430	0.412	0.432	0.397	0.417	0.454	0.475	0.510
	Back side	0.258	0.154	0.032	0.114	0.429	0.039	0.076	0.445	0.526	0.842	0.443	0.480	0.758	0.795	0.840	0.877	0.987
	Top side	0.204	0.083	0.001	0.053	0.003	0.010	0.001	0.289	0.340	0.291	0.268	0.259	0.218	0.209	0.270	0.261	0.344
	Bottom side	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.008	0.004	0.104	0.010	0.029	0.110	0.129	0.106	0.125	0.112
	Right side	0.131	0.010	0.002	0.043	0.043	0.002	0.004	0.144	0.185	0.185	0.179	0.181	0.179	0.181	0.220	0.222	0.230
	Left side	0.102	0.056	0.007	0.017	0.013	0.017	0.016	0.165	0.175	0.171	0.144	0.143	0.140	0.138	0.150	0.148	0.195
LTE Band 71	Front side	0.128	0.050	0.011	0.069	0.054	0.006	0.026	0.189	0.247	0.232	0.214	0.234	0.199	0.220	0.257	0.277	0.312
	Back side	0.114	0.154	0.032	0.114	0.429	0.039	0.076	0.300	0.382	0.697	0.299	0.336	0.614	0.651	0.695	0.733	0.843
	Top side	0.095	0.083	0.001	0.053	0.003	0.010	0.001	0.179	0.231	0.181	0.158	0.150	0.109	0.100	0.160	0.152	0.235
	Bottom side	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.008	0.004	0.104	0.010	0.029	0.110	0.129	0.106	0.125	0.112
	Right side	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.015	0.056	0.056	0.050	0.052	0.050	0.052	0.091	0.093	0.102
	Left side	0.068	0.056	0.007	0.017	0.013	0.017	0.016	0.131	0.141	0.136	0.110	0.108	0.105	0.104	0.115	0.114	0.161
NR n41	Front side	0.084	0.050	0.011	0.069	0.054	0.006	0.026	0.145	0.203	0.188	0.170	0.190	0.155	0.175	0.213	0.233	0.268
	Back side	0.217	0.154	0.032	0.114	0.429	0.039	0.076	0.403	0.485	0.800	0.401	0.438	0.716	0.753	0.798	0.835	0.946
	Top side	0.006	0.083	0.001	0.053	0.003	0.010	0.001	0.090	0.142	0.092	0.069	0.060	0.020	0.011	0.071	0.062	0.146
	Bottom side	0.004	0.001	0.006	0.002	0.102	0.001	0.020	0.011	0.007	0.107	0.013	0.032	0.113	0.132	0.109	0.128	0.115
	Right side	0.013	0.010	0.002	0.043	0.043	0.002	0.004	0.026	0.067	0.067	0.061	0.063	0.061	0.063	0.102	0.104	0.113
	Left side	0.025	0.056	0.007	0.017	0.013	0.017	0.016	0.088	0.098	0.094	0.067	0.066	0.063	0.061	0.073	0.071	0.118

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Normal\_Landscape\_Hotspot\_LAT

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN(LAT)

WWAN	Exposure position (µg/Wkg)	Scenario																	
		1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10	
GPRS 850	Front side	0.727	0.950	0.005	0.089	0.054	0.006	0.026	0.788	0.845	0.831	0.813	0.833	0.798	0.818	0.855	0.876	0.911	0.911
	Back side	0.574	0.154	0.032	0.114	0.429	0.039	0.076	0.761	0.842	1.157	0.759	0.796	1.074	1.111	1.156	1.193	1.303	1.303
	Top side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.137	0.088	0.065	0.056	0.016	0.007	0.067	0.058	0.141	0.141
	Bottom side	0.590	0.050	0.006	0.002	0.102	0.001	0.020	0.567	0.963	0.863	0.599	0.598	0.669	0.698	0.695	0.684	0.671	0.671
	Right side	0.522	0.010	0.002	0.043	0.043	0.002	0.004	0.534	0.575	0.575	0.570	0.571	0.589	0.571	0.610	0.612	0.621	0.621
	Left side	0.135	0.056	0.007	0.017	0.013	0.017	0.016	0.198	0.208	0.204	0.177	0.176	0.173	0.171	0.183	0.181	0.228	0.228
	Front side	0.383	0.050	0.011	0.069	0.054	0.006	0.026	0.454	0.512	0.497	0.479	0.499	0.464	0.484	0.522	0.542	0.577	0.577
	Back side	0.433	0.154	0.032	0.114	0.429	0.039	0.076	0.619	0.701	1.016	0.617	0.655	0.932	0.970	1.014	1.057	1.162	1.162
	Top side	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.137	0.087	0.064	0.056	0.015	0.006	0.066	0.058	0.141	0.141
	Bottom side	1.136	0.001	0.006	0.002	0.102	0.001	0.020	1.143	1.139	1.238	1.165	1.164	1.244	1.263	1.241	1.260	1.246	1.246
GPRS 1900	Front side	0.146	0.010	0.002	0.043	0.043	0.002	0.004	0.158	0.199	0.199	0.194	0.195	0.194	0.195	0.235	0.235	0.245	0.245
	Back side	0.240	0.056	0.007	0.017	0.013	0.017	0.016	0.303	0.313	0.308	0.282	0.280	0.277	0.278	0.287	0.286	0.333	0.333
	Top side	0.209	0.050	0.011	0.069	0.054	0.006	0.026	0.270	0.328	0.313	0.295	0.315	0.290	0.300	0.338	0.358	0.363	0.363
	Bottom side	0.373	0.154	0.032	0.114	0.429	0.039	0.076	0.559	0.641	0.966	0.567	0.594	0.672	0.690	0.684	0.691	1.101	1.101
	Right side	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.139	0.089	0.066	0.058	0.017	0.008	0.068	0.060	0.143	0.143
	Left side	1.172	0.001	0.006	0.002	0.102	0.001	0.020	1.179	1.175	1.275	1.181	1.200	1.281	1.300	1.277	1.296	1.283	1.283
	Front side	0.069	0.010	0.002	0.043	0.043	0.002	0.004	0.082	0.123	0.123	0.117	0.119	0.117	0.119	0.158	0.160	0.169	0.169
	Back side	0.124	0.056	0.007	0.017	0.013	0.017	0.016	0.187	0.197	0.192	0.185	0.164	0.161	0.160	0.171	0.170	0.217	0.217
	Top side	0.292	0.050	0.011	0.069	0.054	0.006	0.026	0.353	0.411	0.396	0.378	0.398	0.363	0.384	0.421	0.441	0.476	0.476
	Bottom side	0.486	0.010	0.002	0.043	0.043	0.002	0.004	0.295	0.215	0.211	0.184	0.183	0.172	0.180	0.185	0.185	0.235	0.235
WCDMA Band II	Front side	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.137	0.087	0.064	0.056	0.015	0.006	0.066	0.058	0.141	0.141
	Back side	1.098	0.001	0.006	0.002	0.102	0.001	0.020	1.104	1.101	1.200	1.106	1.126	1.206	1.225	1.202	1.221	1.208	1.208
	Top side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.137	0.088	0.065	0.056	0.016	0.007	0.067	0.058	0.141	0.141
	Bottom side	0.443	0.010	0.002	0.043	0.043	0.002	0.004	0.454	0.495	0.495	0.495	0.495	0.495	0.495	0.534	0.534	0.544	0.544
	Right side	0.164	0.056	0.007	0.017	0.013	0.017	0.016	0.227	0.237	0.232	0.206	0.204	0.201	0.200	0.211	0.210	0.257	0.257
	Left side	0.715	0.050	0.011	0.069	0.054	0.006	0.026	0.776	0.834	0.819	0.801	0.821	0.786	0.807	0.844	0.864	0.899	0.899
	Front side	0.854	0.154	0.032	0.114	0.429	0.039	0.076	0.820	0.902	1.217	0.819	0.856	1.134	1.171	1.216	1.253	1.363	1.363
	Back side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.138	0.088	0.065	0.056	0.016	0.007	0.067	0.058	0.142	0.142
	Top side	0.428	0.001	0.006	0.002	0.102	0.001	0.020	0.435	0.431	0.531	0.437	0.456	0.537	0.556	0.533	0.552	0.539	0.539
	Bottom side	0.211	0.010	0.002	0.043	0.043	0.002	0.004	0.224	0.265	0.265	0.259	0.261	0.259	0.261	0.300	0.302	0.311	0.311
WCDMA Band IV	Front side	0.142	0.010	0.002	0.043	0.043	0.002	0.004	0.158	0.199	0.199	0.194	0.195	0.194	0.195	0.235	0.235	0.245	0.245
	Back side	0.240	0.056	0.007	0.017	0.013	0.017	0.016	0.303	0.313	0.308	0.282	0.280	0.277	0.278	0.287	0.286	0.333	0.333
	Top side	0.209	0.050	0.011	0.069	0.054	0.006	0.026	0.270	0.328	0.313	0.295	0.315	0.290	0.300	0.338	0.358	0.363	0.363
	Bottom side	0.373	0.154	0.032	0.114	0.429	0.039	0.076	0.559	0.641	0.966	0.567	0.594	0.672	0.690	0.684	0.691	1.101	1.101
	Right side	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.139	0.089	0.066	0.058	0.017	0.008	0.068	0.060	0.143	0.143
	Left side	1.172	0.001	0.006	0.002	0.102	0.001	0.020	1.179	1.175	1.275	1.181	1.200	1.281	1.300	1.277	1.296	1.283	1.283
	Front side	0.069	0.010	0.002	0.043	0.043	0.002	0.004	0.082	0.123	0.123	0.117	0.119	0.117	0.119	0.158	0.160	0.169	0.169
	Back side	0.124	0.056	0.007	0.017	0.013	0.017	0.016	0.187	0.197	0.192	0.185	0.164	0.161	0.160	0.171	0.170	0.217	0.217
	Top side	0.292	0.050	0.011	0.069	0.054	0.006	0.026	0.353	0.411	0.396	0.378	0.398	0.363	0.384	0.421	0.441	0.476	0.476
	Bottom side	0.486	0.010	0.002	0.043	0.043	0.002	0.004	0.295	0.215	0.211	0.184	0.183	0.172	0.180	0.185	0.185	0.235	0.235
WCDMA Band V	Front side	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.137	0.087	0.064	0.056	0.015	0.006	0.066	0.058	0.141	0.141
	Back side	1.098	0.001	0.006	0.002	0.102	0.001	0.020	1.104	1.101	1.200	1.106	1.126	1.206	1.225	1.202	1.221	1.208	1.208
	Top side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.137	0.088	0.065	0.056	0.016	0.007	0.067	0.058	0.141	0.141
	Bottom side	0.443	0.010	0.002	0.043	0.043	0.002	0.004	0.454	0.495	0.495	0.495	0.495	0.495	0.495	0.534	0.534	0.544	0.544
	Right side	0.164	0.056	0.007	0.017	0.013	0.017	0.016	0.227	0.237	0.232	0.206	0.204	0.201	0.200	0.211	0.210	0.257	0.257
	Left side	0.715	0.050	0.011	0.069	0.054	0.006	0.026	0.776	0.834	0.819	0.801	0.821	0.786	0.807	0.844	0.864	0.899	0.899
	Front side	0.854	0.154	0.032	0.114	0.429	0.039	0.076	0.820	0.902	1.217	0.819	0.856	1.134	1.171	1.216	1.253	1.363	1.363
	Back side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.138	0.088	0.065	0.056	0.016	0.007	0.067	0.058	0.142	0.142
	Top side	0.428	0.001	0.006	0.002	0.102	0.001	0.020	0.435	0.431	0.531	0.437	0.456	0.537	0.556	0.533	0.552	0.539	0.539
	Bottom side	0.211	0.010	0.002	0.043	0.043	0.002	0.004	0.224	0.265	0.265	0.259	0.261	0.259	0.261	0.300	0.302	0.311	0.311
LTE Band 7	Front side	0.142	0.010	0.002	0.043	0.043	0.002	0.004	0.158	0.199	0.199	0.194	0.195	0.194	0.195	0.235	0.235	0.245	0.245
	Back side	0.240	0.056	0.007	0.017	0.013	0.017	0.016	0.303	0.313	0.308	0.282	0.280	0.277	0.278	0.287	0.286	0.333	0.333
	Top side	0.209	0.050	0.011	0.069	0.054	0.006	0.026	0.270	0.328	0.313	0.295	0.315	0.290	0.300	0.338	0.358	0.363	0.363
	Bottom side	0.373	0.154	0.032	0.114	0.429	0.039	0.076	0.559	0.641	0.966	0.567	0.594	0.672	0.690	0.684	0.691	1.101	1.101
	Right side	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.139	0.089	0.066	0.058	0.017	0.008	0.068	0.060	0.143	0.143
	Left side	1.172	0.001	0.006	0.002	0.102	0.001	0.020	1.179	1.175	1.275	1.181	1.200	1.281	1.300				

### Gaming\_Body\_UAT

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position (g(W/kg))	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.020	0.001	0.061	0.083	0.002	0.016	0.553	0.613	0.634	0.596	0.610	0.618	0.631	0.678	0.691	0.697
	Back side	0.394	0.075	0.048	0.080	0.451	0.014	0.169	0.516	0.548	0.919	0.535	0.690	0.906	1.061	0.938	1.093	1.047
WCDMA Band V	Front side	0.299	0.020	0.001	0.061	0.083	0.002	0.016	0.321	0.381	0.402	0.364	0.378	0.385	0.399	0.445	0.459	0.465
	Back side	0.262	0.075	0.048	0.080	0.451	0.014	0.169	0.384	0.416	0.787	0.403	0.558	0.774	0.929	0.806	0.961	0.915
LTE Band 12	Front side	0.174	0.020	0.001	0.061	0.083	0.002	0.016	0.196	0.256	0.277	0.239	0.253	0.260	0.274	0.320	0.334	0.340
	Back side	0.140	0.075	0.048	0.080	0.451	0.014	0.169	0.263	0.295	0.666	0.282	0.437	0.653	0.808	0.685	0.840	0.793
LTE Band 13	Front side	0.314	0.020	0.001	0.061	0.083	0.002	0.016	0.336	0.396	0.418	0.379	0.393	0.401	0.415	0.461	0.475	0.481
	Back side	0.268	0.075	0.048	0.080	0.451	0.014	0.169	0.390	0.422	0.793	0.409	0.564	0.780	0.936	0.812	0.968	0.921
LTE Band 26	Front side	0.326	0.020	0.001	0.061	0.083	0.002	0.016	0.348	0.408	0.429	0.391	0.405	0.412	0.426	0.472	0.486	0.492
	Back side	0.258	0.075	0.048	0.080	0.451	0.014	0.169	0.381	0.413	0.784	0.400	0.555	0.771	0.926	0.803	0.958	0.911
LTE Band 71	Front side	0.128	0.020	0.001	0.061	0.083	0.002	0.016	0.150	0.210	0.232	0.193	0.207	0.215	0.229	0.275	0.289	0.295
	Back side	0.114	0.075	0.048	0.080	0.451	0.014	0.169	0.236	0.268	0.640	0.255	0.411	0.626	0.782	0.658	0.814	0.767
NR n41	Front side	0.084	0.020	0.001	0.061	0.083	0.002	0.016	0.106	0.166	0.188	0.149	0.163	0.171	0.185	0.231	0.245	0.251
	Back side	0.217	0.075	0.048	0.080	0.451	0.014	0.169	0.339	0.371	0.742	0.358	0.513	0.729	0.884	0.761	0.916	0.870

### Gaming\_Body\_LAT

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN(LAT)

WWAN	Exposure position (g(W/kg))	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.526	0.020	0.001	0.061	0.083	0.002	0.016	0.548	0.608	0.630	0.591	0.605	0.613	0.627	0.673	0.687	0.693
	Back side	0.451	0.075	0.048	0.080	0.451	0.014	0.169	0.573	0.605	0.976	0.592	0.748	0.963	1.119	0.995	1.151	1.104
GPRS 1900	Front side	0.257	0.020	0.001	0.061	0.083	0.002	0.016	0.279	0.339	0.360	0.322	0.335	0.343	0.357	0.403	0.417	0.423
	Back side	0.458	0.075	0.048	0.080	0.451	0.014	0.169	0.580	0.612	0.983	0.599	0.755	0.970	1.126	1.002	1.158	1.111
WCDMA Band II	Front side	0.353	0.020	0.001	0.061	0.083	0.002	0.016	0.374	0.434	0.456	0.418	0.431	0.439	0.453	0.499	0.513	0.519
	Back side	0.454	0.075	0.048	0.080	0.451	0.014	0.169	0.577	0.609	0.980	0.596	0.751	0.967	1.122	0.999	1.154	1.107
WCDMA Band IV	Front side	0.153	0.020	0.001	0.061	0.083	0.002	0.016	0.175	0.235	0.256	0.218	0.232	0.239	0.253	0.299	0.313	0.319
	Back side	0.212	0.075	0.048	0.080	0.451	0.014	0.169	0.334	0.366	0.737	0.353	0.508	0.724	0.880	0.756	0.912	0.865
WCDMA Band V	Front side	0.246	0.020	0.001	0.061	0.083	0.002	0.016	0.268	0.328	0.350	0.311	0.325	0.333	0.347	0.393	0.407	0.413
	Back side	0.164	0.075	0.048	0.080	0.451	0.014	0.169	0.286	0.318	0.689	0.305	0.460	0.676	0.832	0.708	0.864	0.817
LTE Band 7	Front side	0.214	0.020	0.001	0.061	0.083	0.002	0.016	0.235	0.295	0.317	0.278	0.292	0.300	0.314	0.360	0.374	0.380
	Back side	0.288	0.075	0.048	0.080	0.451	0.014	0.169	0.410	0.442	0.813	0.429	0.584	0.800	0.955	0.832	0.987	0.941
LTE Band 12	Front side	0.108	0.020	0.001	0.061	0.083	0.002	0.016	0.130	0.190	0.212	0.173	0.187	0.195	0.208	0.255	0.269	0.275
	Back side	0.308	0.075	0.048	0.080	0.451	0.014	0.169	0.430	0.462	0.833	0.449	0.604	0.820	0.975	0.852	1.007	0.961
LTE Band 13	Front side	0.054	0.020	0.001	0.061	0.083	0.002	0.016	0.075	0.135	0.157	0.118	0.132	0.140	0.154	0.200	0.214	0.220
	Back side	0.259	0.075	0.048	0.080	0.451	0.014	0.169	0.381	0.413	0.784	0.400	0.555	0.771	0.926	0.803	0.958	0.912
LTE Band 25	Front side	0.530	0.020	0.001	0.061	0.083	0.002	0.016	0.552	0.612	0.634	0.595	0.609	0.617	0.631	0.677	0.691	0.697
	Back side	0.619	0.075	0.048	0.080	0.451	0.014	0.169	0.742	0.774	1.145	0.761	0.916	1.132	1.287	1.164	1.319	1.272
LTE Band 26	Front side	0.227	0.020	0.001	0.061	0.083	0.002	0.016	0.249	0.309	0.331	0.292	0.306	0.314	0.328	0.374	0.388	0.394
	Back side	0.365	0.075	0.048	0.080	0.451	0.014	0.169	0.488	0.520	0.891	0.507	0.662	0.878	1.033	0.910	1.065	1.018
LTE Band 30	Front side	0.109	0.020	0.001	0.061	0.083	0.002	0.016	0.131	0.191	0.213	0.174	0.188	0.196	0.209	0.256	0.270	0.275
	Back side	0.223	0.075	0.048	0.080	0.451	0.014	0.169	0.346	0.378	0.749	0.365	0.520	0.736	0.891	0.768	0.923	0.876
LTE Band 41	Front side	0.147	0.020	0.001	0.061	0.083	0.002	0.016	0.169	0.229	0.251	0.212	0.226	0.234	0.248	0.294	0.308	0.314
	Back side	0.208	0.075	0.048	0.080	0.451	0.014	0.169	0.331	0.363	0.734	0.350	0.505	0.721	0.876	0.753	0.908	0.861
LTE Band 48	Front side	0.063	0.020	0.001	0.061	0.083	0.002	0.016	0.085	0.145	0.167	0.128	0.142	0.150	0.164	0.210	0.224	0.230
	Back side	0.098	0.075	0.048	0.080	0.451	0.014	0.169	0.221	0.253	0.624	0.239	0.395	0.610	0.766	0.642	0.798	0.751
LTE Band 66	Front side	0.245	0.020	0.001	0.061	0.083	0.002	0.016	0.267	0.327	0.349	0.310	0.324	0.332	0.346	0.392	0.406	0.412
	Back side	0.276	0.075	0.048	0.080	0.451	0.014	0.169	0.399	0.431	0.802	0.418	0.573	0.789	0.944	0.821	0.976	0.929
LTE Band 71	Front side	0.038	0.020	0.001	0.061	0.083	0.002	0.016	0.060	0.120	0.141	0.103	0.117	0.124	0.138	0.184	0.198	0.204
	Back side	0.032	0.075	0.048	0.080	0.451	0.014	0.169	0.154	0.186	0.557	0.173	0.328	0.544	0.699	0.576	0.731	0.685
NR n41	Front side	0.032	0.020	0.001	0.061	0.083	0.002	0.016	0.054	0.114	0.136	0.097	0.111	0.119	0.133	0.179	0.193	0.199
	Back side	0.212	0.075	0.048	0.080	0.451	0.014	0.169	0.334	0.366	0.737	0.353	0.508	0.724	0.880	0.756	0.912	0.865

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Gaming\_Hotspot\_UAT

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.050	0.011	0.069	0.122	0.006	0.026	0.592	0.650	0.703	0.617	0.637	0.670	0.690	0.727	0.748	0.783
	Back side	0.394	0.154	0.032	0.114	0.601	0.039	0.076	0.580	0.662	1.149	0.578	0.615	1.065	1.102	1.147	1.184	1.295
	Top side	0.285	0.083	0.001	0.053	0.029	0.010	0.001	0.369	0.420	0.396	0.348	0.339	0.324	0.315	0.375	0.367	0.450
	Bottom side	0.006	0.001	0.006	0.002	0.024	0.001	0.020	0.013	0.009	0.031	0.015	0.034	0.037	0.056	0.034	0.053	0.039
	Right side	0.241	0.010	0.002	0.043	0.090	0.002	0.004	0.253	0.294	0.340	0.289	0.290	0.335	0.336	0.376	0.377	0.386
WCDMA Band V	Front side	0.299	0.050	0.011	0.069	0.122	0.006	0.026	0.360	0.417	0.470	0.385	0.405	0.438	0.458	0.495	0.516	0.551
	Back side	0.262	0.154	0.032	0.114	0.601	0.039	0.076	0.448	0.530	1.017	0.446	0.483	0.933	0.970	1.015	1.052	1.163
	Top side	0.248	0.083	0.001	0.053	0.029	0.010	0.001	0.332	0.384	0.360	0.311	0.303	0.287	0.279	0.339	0.330	0.413
	Bottom side	0.003	0.001	0.006	0.002	0.024	0.001	0.020	0.010	0.006	0.028	0.012	0.031	0.034	0.053	0.030	0.049	0.036
	Right side	0.152	0.010	0.002	0.043	0.090	0.002	0.004	0.164	0.205	0.252	0.200	0.201	0.246	0.248	0.287	0.289	0.297
LTE Band 12	Front side	0.174	0.050	0.011	0.069	0.122	0.006	0.026	0.235	0.292	0.345	0.260	0.280	0.313	0.333	0.370	0.391	0.426
	Back side	0.140	0.154	0.032	0.114	0.601	0.039	0.076	0.326	0.408	0.896	0.325	0.362	0.812	0.849	0.894	0.931	1.041
	Top side	0.122	0.083	0.001	0.053	0.029	0.010	0.001	0.207	0.258	0.234	0.186	0.177	0.162	0.153	0.213	0.204	0.288
	Bottom side	0.003	0.001	0.006	0.002	0.024	0.001	0.020	0.009	0.006	0.028	0.012	0.031	0.034	0.053	0.030	0.049	0.036
	Right side	0.105	0.010	0.002	0.043	0.090	0.002	0.004	0.118	0.159	0.205	0.153	0.155	0.199	0.201	0.240	0.242	0.251
LTE Band 13	Front side	0.314	0.050	0.011	0.069	0.122	0.006	0.026	0.375	0.433	0.486	0.400	0.420	0.453	0.473	0.511	0.531	0.566
	Back side	0.268	0.154	0.032	0.114	0.601	0.039	0.076	0.454	0.536	1.023	0.452	0.490	0.940	0.977	1.022	1.059	1.169
	Top side	0.200	0.083	0.001	0.053	0.029	0.010	0.001	0.284	0.335	0.311	0.263	0.254	0.239	0.230	0.291	0.282	0.365
	Bottom side	0.007	0.001	0.006	0.002	0.024	0.001	0.020	0.014	0.010	0.032	0.016	0.035	0.038	0.057	0.034	0.053	0.040
	Right side	0.158	0.010	0.002	0.043	0.090	0.002	0.004	0.171	0.212	0.258	0.206	0.208	0.253	0.254	0.294	0.295	0.304
LTE Band 26	Front side	0.326	0.050	0.011	0.069	0.122	0.006	0.026	0.387	0.444	0.497	0.412	0.432	0.465	0.485	0.522	0.543	0.578
	Back side	0.258	0.154	0.032	0.114	0.601	0.039	0.076	0.445	0.526	1.014	0.443	0.480	0.930	0.967	1.012	1.049	1.160
	Top side	0.204	0.083	0.001	0.053	0.029	0.010	0.001	0.289	0.340	0.316	0.268	0.259	0.244	0.235	0.295	0.286	0.370
	Bottom side	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.008	0.004	0.026	0.010	0.029	0.032	0.051	0.028	0.048	0.034
	Right side	0.131	0.010	0.002	0.043	0.090	0.002	0.004	0.144	0.185	0.231	0.179	0.181	0.225	0.227	0.266	0.268	0.277
LTE Band 71	Front side	0.128	0.050	0.011	0.069	0.122	0.006	0.026	0.189	0.247	0.300	0.214	0.234	0.267	0.287	0.325	0.345	0.380
	Back side	0.114	0.154	0.032	0.114	0.601	0.039	0.076	0.300	0.382	0.869	0.299	0.336	0.786	0.823	0.868	0.905	1.015
	Top side	0.095	0.083	0.001	0.053	0.029	0.010	0.001	0.179	0.231	0.207	0.158	0.150	0.134	0.126	0.186	0.177	0.260
	Bottom side	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.008	0.004	0.026	0.010	0.029	0.032	0.051	0.028	0.048	0.034
	Right side	0.002	0.010	0.002	0.043	0.090	0.002	0.004	0.015	0.056	0.102	0.050	0.052	0.097	0.098	0.138	0.139	0.148
NR n41	Front side	0.084	0.050	0.011	0.069	0.122	0.006	0.026	0.145	0.203	0.256	0.170	0.190	0.223	0.243	0.281	0.301	0.336
	Back side	0.217	0.154	0.032	0.114	0.601	0.039	0.076	0.403	0.485	0.972	0.401	0.438	0.888	0.926	0.970	1.007	1.118
	Top side	0.006	0.083	0.001	0.053	0.029	0.010	0.001	0.090	0.142	0.118	0.069	0.060	0.045	0.036	0.097	0.088	0.171
	Bottom side	0.004	0.001	0.006	0.002	0.024	0.001	0.020	0.011	0.007	0.029	0.013	0.032	0.035	0.054	0.032	0.051	0.037
	Right side	0.013	0.010	0.002	0.043	0.090	0.002	0.004	0.026	0.067	0.113	0.061	0.063	0.107	0.109	0.148	0.150	0.159
Left side	0.025	0.056	0.007	0.017	0.003	0.017	0.016	0.088	0.098	0.084	0.067	0.066	0.053	0.052	0.063	0.062	0.109	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Gaming\_Hotspot\_LAT

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN(LAT)

WWAN	Exposure position (µg/Wkg)	Scenario																
		1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
GPRS 850	Front side	0.648	0.050	0.008	0.089	0.122	0.006	0.026	0.709	0.766	0.819	0.734	0.754	0.787	0.807	0.844	0.865	0.900
	Back side	0.512	0.154	0.032	0.114	0.601	0.039	0.076	0.698	0.780	0.267	0.696	0.733	1.184	1.221	1.266	1.303	1.413
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.137	0.113	0.065	0.056	0.041	0.032	0.092	0.084	0.167
	Bottom side	0.499	0.050	0.006	0.002	0.024	0.001	0.020	0.506	0.502	0.524	0.508	0.527	0.530	0.549	0.526	0.546	0.532
	Right side	0.485	0.010	0.002	0.043	0.090	0.002	0.004	0.478	0.519	0.565	0.513	0.514	0.559	0.561	0.600	0.602	0.610
	Left side	0.120	0.056	0.007	0.017	0.003	0.017	0.016	0.183	0.193	0.180	0.162	0.161	0.148	0.147	0.158	0.157	0.204
	Front side	0.383	0.050	0.011	0.069	0.122	0.006	0.026	0.464	0.512	0.565	0.479	0.499	0.532	0.552	0.590	0.610	0.645
	Back side	0.433	0.154	0.032	0.114	0.601	0.039	0.076	0.619	0.701	1.188	0.617	0.655	1.105	1.142	1.187	1.224	1.334
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166
	Bottom side	1.136	0.001	0.006	0.002	0.024	0.001	0.020	1.143	1.139	1.161	1.145	1.164	1.167	1.188	1.163	1.182	1.169
GPRS 1900	Front side	0.146	0.010	0.002	0.043	0.090	0.002	0.004	0.158	0.198	0.245	0.194	0.195	0.240	0.241	0.281	0.282	0.291
	Back side	0.240	0.056	0.007	0.017	0.003	0.017	0.016	0.303	0.313	0.299	0.282	0.280	0.268	0.267	0.278	0.278	0.323
	Top side	0.209	0.050	0.011	0.069	0.122	0.006	0.026	0.270	0.328	0.381	0.295	0.315	0.348	0.368	0.406	0.426	0.461
	Bottom side	0.373	0.154	0.032	0.114	0.601	0.039	0.076	0.559	0.641	1.128	0.567	0.594	1.044	1.081	1.126	1.163	1.274
	Right side	0.003	0.083	0.001	0.053	0.029	0.010	0.001	0.087	0.139	0.115	0.066	0.058	0.042	0.034	0.094	0.085	0.168
	Left side	1.172	0.001	0.006	0.002	0.024	0.001	0.020	1.179	1.175	1.197	1.181	1.200	1.203	1.222	1.200	1.219	1.205
	Front side	0.069	0.010	0.002	0.043	0.090	0.002	0.004	0.082	0.123	0.166	0.117	0.119	0.163	0.165	0.204	0.206	0.215
	Back side	0.124	0.056	0.007	0.017	0.003	0.017	0.016	0.187	0.197	0.183	0.165	0.164	0.152	0.150	0.162	0.160	0.207
	Top side	0.292	0.050	0.011	0.069	0.122	0.006	0.026	0.353	0.411	0.464	0.378	0.398	0.431	0.451	0.489	0.509	0.544
	Bottom side	0.486	0.010	0.002	0.043	0.090	0.002	0.004	0.486	0.528	0.571	0.496	0.516	0.549	0.569	0.607	0.627	0.662
WCDMA Band II	Front side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166
	Back side	1.098	0.001	0.006	0.002	0.024	0.001	0.020	1.104	1.101	1.123	1.106	1.126	1.128	1.148	1.125	1.144	1.130
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166
	Bottom side	0.498	0.001	0.006	0.002	0.024	0.001	0.020	0.506	0.502	0.524	0.508	0.527	0.530	0.549	0.526	0.546	0.532
	Right side	0.485	0.010	0.002	0.043	0.090	0.002	0.004	0.478	0.519	0.565	0.513	0.514	0.559	0.561	0.600	0.602	0.610
	Left side	0.120	0.056	0.007	0.017	0.003	0.017	0.016	0.183	0.193	0.180	0.162	0.161	0.148	0.147	0.158	0.157	0.204
	Front side	0.383	0.050	0.011	0.069	0.122	0.006	0.026	0.464	0.512	0.565	0.479	0.499	0.532	0.552	0.590	0.610	0.645
	Back side	0.433	0.154	0.032	0.114	0.601	0.039	0.076	0.619	0.701	1.188	0.617	0.655	1.105	1.142	1.187	1.224	1.334
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166
	Bottom side	1.136	0.001	0.006	0.002	0.024	0.001	0.020	1.143	1.139	1.161	1.145	1.164	1.167	1.188	1.163	1.182	1.169
WCDMA Band IV	Front side	0.146	0.010	0.002	0.043	0.090	0.002	0.004	0.158	0.198	0.245	0.194	0.195	0.240	0.241	0.281	0.282	0.291
	Back side	0.240	0.056	0.007	0.017	0.003	0.017	0.016	0.303	0.313	0.299	0.282	0.280	0.268	0.267	0.278	0.278	0.323
	Top side	0.209	0.050	0.011	0.069	0.122	0.006	0.026	0.270	0.328	0.381	0.295	0.315	0.348	0.368	0.406	0.426	0.461
	Bottom side	0.373	0.154	0.032	0.114	0.601	0.039	0.076	0.559	0.641	1.128	0.567	0.594	1.044	1.081	1.126	1.163	1.274
	Right side	0.003	0.083	0.001	0.053	0.029	0.010	0.001	0.087	0.139	0.115	0.066	0.058	0.042	0.034	0.094	0.085	0.168
	Left side	1.172	0.001	0.006	0.002	0.024	0.001	0.020	1.179	1.175	1.197	1.181	1.200	1.203	1.222	1.200	1.219	1.205
	Front side	0.069	0.010	0.002	0.043	0.090	0.002	0.004	0.082	0.123	0.166	0.117	0.119	0.163	0.165	0.204	0.206	0.215
	Back side	0.124	0.056	0.007	0.017	0.003	0.017	0.016	0.187	0.197	0.183	0.165	0.164	0.152	0.150	0.162	0.160	0.207
	Top side	0.292	0.050	0.011	0.069	0.122	0.006	0.026	0.353	0.411	0.464	0.378	0.398	0.431	0.451	0.489	0.509	0.544
	Bottom side	0.486	0.010	0.002	0.043	0.090	0.002	0.004	0.486	0.528	0.571	0.496	0.516	0.549	0.569	0.607	0.627	0.662
WCDMA Band V	Front side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166
	Back side	1.098	0.001	0.006	0.002	0.024	0.001	0.020	1.104	1.101	1.123	1.106	1.126	1.128	1.148	1.125	1.144	1.130
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166
	Bottom side	0.498	0.001	0.006	0.002	0.024	0.001	0.020	0.506	0.502	0.524	0.508	0.527	0.530	0.549	0.526	0.546	0.532
	Right side	0.485	0.010	0.002	0.043	0.090	0.002	0.004	0.478	0.519	0.565	0.513	0.514	0.559	0.561	0.600	0.602	0.610
	Left side	0.120	0.056	0.007	0.017	0.003	0.017	0.016	0.183	0.193	0.180	0.162	0.161	0.148	0.147	0.158	0.157	0.204
	Front side	0.383	0.050	0.011	0.069	0.122	0.006	0.026	0.464	0.512	0.565	0.479	0.499	0.532	0.552	0.590	0.610	0.645
	Back side	0.433	0.154	0.032	0.114	0.601	0.039	0.076	0.619	0.701	1.188	0.617	0.655	1.105	1.142	1.187	1.224	1.334
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166
	Bottom side	1.136	0.001	0.006	0.002	0.024	0.001	0.020	1.143	1.139	1.161	1.145	1.164	1.167	1.188	1.163	1.182	1.169
LTE Band 7	Front side	0.146	0.010	0.002	0.043	0.090	0.002	0.004	0.158	0.198	0.245	0.194	0.195	0.240	0.241	0.281	0.282	0.291
	Back side	0.240	0.056	0.007	0.017	0.003	0.017	0.016	0.303	0.313	0.299	0.282	0.280	0.268	0.267	0.278	0.278	0.323
	Top side	0.209	0.050	0.011	0.069	0.122	0.006	0.026	0.270	0.328	0.381	0.295	0.315	0.348	0.368	0.406	0.426	0.461
	Bottom side	0.373	0.154	0.032	0.114	0.601	0.039	0.076	0.559	0.641	1.128	0.567	0.594	1.044	1.081	1.126	1.163	1.274
	Right side	0.003	0.083	0.001	0.053	0.029	0.010	0.001	0.087	0.139	0.115	0.066	0.058	0.042	0.034	0.094	0.085	0.168
	Left side	1.172	0.001	0.006	0.002	0.024	0.001	0.020	1.179	1.175	1.197	1.181	1.200	1.203	1.222	1.200	1.219	1.205
	Front side	0.069	0.010	0.002	0.043	0.090	0.002	0.004	0.082	0.123	0.166	0.117	0.119	0.163	0.165	0.204	0.206	0.215
	Back side	0.124	0.056	0.007	0.017	0.003	0.017	0.016	0.187	0.197	0.183	0.165	0.164	0.152	0.150	0.162	0.160	0.207
	Top side	0.292	0.050	0.011	0.069	0.122	0.006	0.026	0.353	0.411	0.464	0.378	0.398	0.431	0.451			

## Inter-band

### without WLAN\_Head+Body

#### Head

The simultaneous head exposure conditions for LTE Inter band

WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	LTE Second Band	0+1 Sum
2A-5A(UAT)	ReCheek	0.116	0.516	0.632
	ReTilt	0.068	0.324	0.392
	LeCheek	0.173	0.369	0.542
	LeTilt	0.077	0.312	0.389
2A-5A(LAT)	ReCheek	0.116	0.071	0.187
	ReTilt	0.068	0.041	0.108
	LeCheek	0.173	0.046	0.219
	LeTilt	0.077	0.025	0.103
2A-12A(UAT)	ReCheek	0.116	0.361	0.477
	ReTilt	0.068	0.237	0.305
	LeCheek	0.173	0.269	0.443
	LeTilt	0.077	0.174	0.251
2A-12A(LAT)	ReCheek	0.116	0.086	0.202
	ReTilt	0.068	0.032	0.100
	LeCheek	0.173	0.045	0.218
	LeTilt	0.077	0.012	0.090
4A-5A(UAT)	ReCheek	0.122	0.516	0.638
	ReTilt	0.083	0.324	0.407
	LeCheek	0.174	0.369	0.543
	LeTilt	0.107	0.312	0.419
4A-5A(LAT)	ReCheek	0.122	0.071	0.193
	ReTilt	0.083	0.041	0.123
	LeCheek	0.174	0.046	0.220
	LeTilt	0.107	0.025	0.132
4A-12A(UAT)	ReCheek	0.122	0.361	0.483
	ReTilt	0.083	0.237	0.320
	LeCheek	0.174	0.269	0.443
	LeTilt	0.107	0.174	0.280
4A-12A(LAT)	ReCheek	0.122	0.086	0.208
	ReTilt	0.083	0.032	0.115
	LeCheek	0.174	0.045	0.218
	LeTilt	0.107	0.012	0.119
12A(UAT)-66A	ReCheek	0.361	0.122	0.483
	ReTilt	0.237	0.083	0.320
	LeCheek	0.269	0.174	0.443
	LeTilt	0.174	0.107	0.280
12A(LAT)-66A	ReCheek	0.086	0.122	0.208
	ReTilt	0.032	0.083	0.115
	LeCheek	0.045	0.174	0.218
	LeTilt	0.012	0.107	0.119

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### Body-worn

The simultaneous body-worn exposure conditions for LTE Inter band

WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	LTE Second Band	0+1 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.430
	Back side	0.313	0.123	0.437
2A-5A(LAT)	Front side	0.267	0.113	0.381
	Back side	0.313	0.186	0.499
2A-12A(UAT)	Front side	0.267	0.091	0.359
	Back side	0.313	0.071	0.384
2A-12A(LAT)	Front side	0.267	0.055	0.322
	Back side	0.313	0.159	0.473
4A-5A(UAT)	Front side	0.122	0.162	0.285
	Back side	0.137	0.123	0.260
4A-5A(LAT)	Front side	0.122	0.113	0.235
	Back side	0.137	0.186	0.323
4A-12A(UAT)	Front side	0.122	0.091	0.213
	Back side	0.137	0.071	0.208
4A-12A(LAT)	Front side	0.122	0.055	0.177
	Back side	0.137	0.159	0.296
12A(UAT)-66A	Front side	0.091	0.122	0.213
	Back side	0.071	0.137	0.208
12A(LAT)-66A	Front side	0.055	0.122	0.177
	Back side	0.159	0.137	0.296

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with WLAN SISO\_Head+Body

Calling\_Head

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	ReCheek	0.116	0.516	0.225	0.196	0.252	0.175	0.195	0.050	0.856	1.022	1.078	0.933	1.001	0.856
	ReTilt	0.068	0.324	0.103	0.060	0.132	0.072	0.073	0.023	0.495	0.525	0.597	0.548	0.537	0.488
	LeCheek	0.173	0.369	0.466	0.082	0.466	0.093	0.235	0.030	1.008	0.859	1.243	1.038	0.870	0.664
2A-5A(LAT)	ReCheek	0.077	0.312	0.213	0.045	0.192	0.043	0.091	0.015	0.603	0.526	0.673	0.597	0.524	0.447
	ReTilt	0.116	0.071	0.225	0.196	0.252	0.175	0.195	0.050	0.412	0.578	0.633	0.489	0.557	0.412
	LeCheek	0.068	0.041	0.103	0.060	0.132	0.072	0.073	0.023	0.212	0.242	0.314	0.264	0.254	0.204
2A-12A(UAT)	ReCheek	0.173	0.046	0.466	0.082	0.466	0.093	0.235	0.030	0.685	0.536	0.920	0.714	0.546	0.341
	ReTilt	0.077	0.025	0.213	0.045	0.192	0.043	0.091	0.015	0.316	0.239	0.387	0.310	0.237	0.161
	LeCheek	0.116	0.361	0.225	0.196	0.252	0.175	0.195	0.050	0.702	0.868	0.924	0.779	0.847	0.702
2A-12A(LAT)	ReCheek	0.068	0.237	0.103	0.060	0.132	0.072	0.073	0.023	0.408	0.439	0.510	0.461	0.450	0.401
	ReTilt	0.173	0.269	0.466	0.082	0.466	0.093	0.235	0.030	0.909	0.759	1.143	0.938	0.770	0.564
	LeCheek	0.077	0.174	0.213	0.045	0.192	0.043	0.091	0.015	0.464	0.387	0.535	0.459	0.385	0.309
4A-5A(UAT)	ReCheek	0.116	0.086	0.225	0.196	0.252	0.175	0.195	0.050	0.426	0.593	0.648	0.503	0.571	0.427
	ReTilt	0.068	0.032	0.103	0.060	0.132	0.072	0.073	0.023	0.204	0.234	0.306	0.256	0.246	0.196
	LeCheek	0.173	0.045	0.466	0.082	0.466	0.093	0.235	0.030	0.684	0.534	0.919	0.713	0.545	0.340
4A-5A(LAT)	ReCheek	0.077	0.012	0.213	0.045	0.192	0.043	0.091	0.015	0.303	0.226	0.374	0.297	0.224	0.148
	ReTilt	0.122	0.516	0.225	0.196	0.252	0.175	0.195	0.050	0.862	1.028	1.084	0.939	1.007	0.862
	LeCheek	0.083	0.324	0.103	0.060	0.132	0.072	0.073	0.023	0.510	0.540	0.612	0.562	0.552	0.503
4A-12A(UAT)	ReCheek	0.174	0.369	0.466	0.082	0.466	0.093	0.235	0.030	1.010	0.860	1.244	1.039	0.871	0.665
	ReTilt	0.107	0.312	0.213	0.045	0.192	0.043	0.091	0.015	0.632	0.555	0.702	0.626	0.553	0.477
	LeCheek	0.122	0.071	0.225	0.196	0.252	0.175	0.195	0.050	0.418	0.584	0.639	0.494	0.562	0.418
4A-12A(LAT)	ReCheek	0.083	0.041	0.103	0.060	0.132	0.072	0.073	0.023	0.227	0.257	0.329	0.279	0.269	0.219
	ReTilt	0.174	0.046	0.466	0.082	0.466	0.093	0.235	0.030	0.686	0.537	0.921	0.715	0.547	0.342
	LeCheek	0.107	0.025	0.213	0.045	0.192	0.043	0.091	0.015	0.346	0.269	0.416	0.340	0.267	0.190
12A(UAT)-66A	ReCheek	0.122	0.361	0.225	0.196	0.252	0.175	0.195	0.050	0.708	0.874	0.929	0.785	0.853	0.708
	ReTilt	0.083	0.237	0.103	0.060	0.132	0.072	0.073	0.023	0.423	0.453	0.525	0.476	0.465	0.416
	LeCheek	0.174	0.269	0.466	0.082	0.466	0.093	0.235	0.030	0.910	0.760	1.145	0.939	0.771	0.565
12A(LAT)-66A	ReCheek	0.107	0.174	0.213	0.045	0.192	0.043	0.091	0.015	0.494	0.417	0.564	0.488	0.415	0.339
	ReTilt	0.122	0.086	0.225	0.196	0.252	0.175	0.195	0.050	0.432	0.598	0.654	0.509	0.577	0.432
	LeCheek	0.083	0.032	0.103	0.060	0.132	0.072	0.073	0.023	0.218	0.249	0.321	0.271	0.261	0.211
12A(UAT)-66A	ReCheek	0.045	0.174	0.466	0.082	0.466	0.093	0.235	0.030	0.685	0.535	0.920	0.714	0.546	0.341
	ReTilt	0.032	0.083	0.103	0.060	0.132	0.072	0.073	0.023	0.218	0.249	0.321	0.271	0.261	0.211
	LeCheek	0.045	0.174	0.466	0.082	0.466	0.093	0.235	0.030	0.685	0.535	0.920	0.714	0.546	0.341
12A(LAT)-66A	ReCheek	0.012	0.107	0.213	0.045	0.192	0.043	0.091	0.015	0.333	0.256	0.403	0.327	0.254	0.177
	ReTilt	0.083	0.032	0.103	0.060	0.132	0.072	0.073	0.023	0.218	0.249	0.321	0.271	0.261	0.211
	LeCheek	0.174	0.045	0.466	0.082	0.466	0.093	0.235	0.030	0.685	0.535	0.920	0.714	0.546	0.341

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### Calling\_Body-worn

The simultaneous body-worn exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.005	0.061	0.093	0.002	0.001	0.450	0.437	0.493	0.492	0.525	0.524
	Back side	0.313	0.123	0.075	0.028	0.080	0.219	0.014	0.003	0.511	0.479	0.530	0.520	0.669	0.659
2A-5A(LAT)	Front side	0.267	0.113	0.020	0.005	0.061	0.093	0.002	0.001	0.401	0.388	0.444	0.443	0.476	0.474
	Back side	0.313	0.186	0.075	0.028	0.080	0.219	0.014	0.003	0.574	0.541	0.593	0.582	0.732	0.721
2A-12A(UAT)	Front side	0.267	0.091	0.020	0.005	0.061	0.093	0.002	0.001	0.379	0.366	0.422	0.421	0.454	0.453
	Back side	0.313	0.071	0.075	0.028	0.080	0.219	0.014	0.003	0.459	0.427	0.478	0.468	0.617	0.607
2A-12A(LAT)	Front side	0.267	0.055	0.020	0.005	0.061	0.093	0.002	0.001	0.343	0.329	0.386	0.385	0.417	0.416
	Back side	0.313	0.159	0.075	0.028	0.080	0.219	0.014	0.003	0.547	0.515	0.566	0.556	0.705	0.695
4A-5A(UAT)	Front side	0.122	0.162	0.020	0.005	0.061	0.093	0.002	0.001	0.305	0.292	0.348	0.347	0.380	0.379
	Back side	0.137	0.123	0.075	0.028	0.080	0.219	0.014	0.003	0.335	0.303	0.354	0.343	0.493	0.483
4A-5A(LAT)	Front side	0.122	0.113	0.020	0.005	0.061	0.093	0.002	0.001	0.256	0.242	0.299	0.298	0.330	0.329
	Back side	0.137	0.186	0.075	0.028	0.080	0.219	0.014	0.003	0.398	0.365	0.417	0.406	0.556	0.545
4A-12A(UAT)	Front side	0.122	0.091	0.020	0.005	0.061	0.093	0.002	0.001	0.234	0.221	0.277	0.276	0.308	0.307
	Back side	0.137	0.071	0.075	0.028	0.080	0.219	0.014	0.003	0.283	0.250	0.302	0.291	0.441	0.431
4A-12A(LAT)	Front side	0.122	0.055	0.020	0.005	0.061	0.093	0.002	0.001	0.197	0.184	0.240	0.239	0.272	0.271
	Back side	0.137	0.159	0.075	0.028	0.080	0.219	0.014	0.003	0.371	0.339	0.390	0.379	0.529	0.519
12A(UAT)-66A	Front side	0.091	0.122	0.020	0.005	0.061	0.093	0.002	0.001	0.234	0.221	0.277	0.276	0.308	0.307
	Back side	0.071	0.137	0.075	0.028	0.080	0.219	0.014	0.003	0.283	0.250	0.302	0.291	0.441	0.431
12A(LAT)-66A	Front side	0.055	0.122	0.020	0.005	0.061	0.093	0.002	0.001	0.197	0.184	0.240	0.239	0.272	0.271
	Back side	0.159	0.137	0.075	0.028	0.080	0.219	0.014	0.003	0.371	0.339	0.390	0.379	0.529	0.519

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### Calling\_Hotspot

The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.043	0.069	0.224	0.006	0.012	0.486	0.485	0.511	0.517	0.666	0.672
	Back side	0.303	0.123	0.154	0.062	0.114	0.466	0.039	0.016	0.580	0.527	0.578	0.556	0.931	0.908
	Top side	0.001	0.102	0.083	0.031	0.053	0.203	0.010	0.009	0.186	0.144	0.165	0.164	0.316	0.314
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.743	0.744	0.745	0.745	0.798	0.798
	Right side	0.006	0.066	0.010	0.003	0.043	0.044	0.002	0.001	0.082	0.077	0.117	0.116	0.118	0.117
2A-5A(LAT)	Left side	0.143	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.251	0.238	0.229	0.220	0.332	0.323
	Front side	0.274	0.251	0.050	0.043	0.069	0.224	0.006	0.012	0.574	0.573	0.599	0.606	0.754	0.761
	Back side	0.303	0.233	0.154	0.062	0.114	0.466	0.039	0.016	0.690	0.637	0.688	0.666	1.041	1.018
	Top side	0.001	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.087	0.045	0.066	0.065	0.217	0.215
	Bottom side	0.741	0.214	0.001	0.001	0.002	0.055	0.001	0.001	0.956	0.957	0.958	0.958	1.011	1.011
2A-12A(UAT)	Right side	0.006	0.163	0.010	0.003	0.043	0.044	0.002	0.001	0.180	0.175	0.215	0.214	0.216	0.215
	Left side	0.143	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.237	0.224	0.215	0.206	0.318	0.309
	Front side	0.274	0.091	0.050	0.043	0.069	0.224	0.006	0.012	0.414	0.413	0.439	0.446	0.594	0.601
	Back side	0.303	0.071	0.154	0.062	0.114	0.466	0.039	0.016	0.528	0.475	0.526	0.504	0.878	0.856
	Top side	0.001	0.062	0.083	0.031	0.053	0.203	0.010	0.009	0.146	0.104	0.126	0.124	0.276	0.275
2A-12A(LAT)	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.744	0.745	0.746	0.746	0.798	0.798
	Right side	0.006	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.068	0.063	0.103	0.102	0.104	0.103
	Left side	0.143	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.203	0.190	0.181	0.172	0.284	0.275
	Front side	0.274	0.149	0.050	0.043	0.069	0.224	0.006	0.012	0.472	0.471	0.497	0.503	0.652	0.659
	Back side	0.303	0.122	0.154	0.062	0.114	0.466	0.039	0.016	0.579	0.526	0.577	0.555	0.930	0.907
4A-5A(UAT)	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.085	0.043	0.064	0.063	0.215	0.213
	Bottom side	0.741	0.113	0.001	0.001	0.002	0.055	0.001	0.001	0.855	0.856	0.857	0.857	0.910	0.910
	Right side	0.006	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.019	0.014	0.054	0.053	0.055	0.054
	Left side	0.143	0.002	0.056	0.026	0.017	0.120	0.017	0.008	0.201	0.188	0.180	0.171	0.283	0.273
	Front side	0.173	0.162	0.050	0.043	0.069	0.224	0.006	0.012	0.385	0.384	0.410	0.417	0.565	0.572
4A-5A(LAT)	Back side	0.247	0.123	0.154	0.062	0.114	0.466	0.039	0.016	0.524	0.471	0.522	0.500	0.875	0.853
	Top side	0.004	0.102	0.083	0.031	0.053	0.203	0.010	0.009	0.189	0.147	0.168	0.167	0.319	0.318
	Bottom side	0.734	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.736	0.737	0.738	0.738	0.790	0.790
	Right side	0.052	0.066	0.010	0.003	0.043	0.044	0.002	0.001	0.128	0.123	0.163	0.162	0.164	0.163
	Left side	0.092	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.199	0.186	0.178	0.169	0.281	0.272
4A-12A(UAT)	Front side	0.173	0.251	0.050	0.043	0.069	0.224	0.006	0.012	0.474	0.473	0.499	0.506	0.654	0.661
	Back side	0.247	0.233	0.154	0.062	0.114	0.466	0.039	0.016	0.634	0.581	0.632	0.610	0.985	0.963
	Top side	0.004	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.090	0.048	0.070	0.068	0.220	0.219
	Bottom side	0.734	0.214	0.001	0.001	0.002	0.055	0.001	0.001	0.949	0.950	0.951	0.951	1.003	1.003
	Right side	0.052	0.163	0.010	0.003	0.043	0.044	0.002	0.001	0.225	0.221	0.261	0.260	0.262	0.260
4A-12A(LAT)	Left side	0.092	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.185	0.172	0.164	0.155	0.267	0.258
	Front side	0.173	0.091	0.050	0.043	0.069	0.224	0.006	0.012	0.314	0.313	0.339	0.346	0.494	0.501
	Back side	0.247	0.071	0.154	0.062	0.114	0.466	0.039	0.016	0.472	0.419	0.470	0.448	0.823	0.800
	Top side	0.004	0.062	0.083	0.031	0.053	0.203	0.010	0.009	0.150	0.107	0.129	0.127	0.279	0.278
	Bottom side	0.734	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.736	0.737	0.738	0.738	0.791	0.791
12A(UAT)-66A	Right side	0.052	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.114	0.109	0.149	0.148	0.150	0.149
	Left side	0.092	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.151	0.138	0.130	0.121	0.233	0.224
	Front side	0.173	0.149	0.050	0.043	0.069	0.224	0.006	0.012	0.372	0.370	0.396	0.403	0.552	0.558
	Back side	0.247	0.122	0.154	0.062	0.114	0.466	0.039	0.016	0.523	0.470	0.521	0.499	0.874	0.852
	Top side	0.004	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.088	0.046	0.068	0.066	0.218	0.217
12A(LAT)-66A	Bottom side	0.734	0.113	0.001	0.001	0.002	0.055	0.001	0.001	0.848	0.849	0.850	0.850	0.902	0.902
	Right side	0.052	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.064	0.059	0.100	0.098	0.100	0.099
	Left side	0.092	0.002	0.056	0.026	0.017	0.120	0.017	0.008	0.150	0.137	0.129	0.119	0.231	0.222
	Front side	0.091	0.173	0.050	0.043	0.069	0.224	0.006	0.012	0.314	0.313	0.339	0.346	0.494	0.501
	Back side	0.071	0.247	0.154	0.062	0.114	0.466	0.039	0.016	0.472	0.419	0.470	0.448	0.823	0.800

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### Camera\_Body-worn

The simultaneous body-worn exposure conditions for WLAN(Camera mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.009	0.001	0.035	0.051	0.003	0.016	0.439	0.434	0.467	0.481	0.484	0.497
	Back side	0.313	0.123	0.030	0.048	0.354	0.243	0.017	0.169	0.467	0.502	0.807	0.959	0.697	0.849
2A-5A(LAT)	Front side	0.267	0.113	0.009	0.001	0.035	0.051	0.003	0.016	0.390	0.385	0.418	0.431	0.435	0.448
	Back side	0.313	0.186	0.030	0.048	0.354	0.243	0.017	0.169	0.530	0.564	0.870	1.022	0.759	0.911
2A-12A(UAT)	Front side	0.267	0.091	0.009	0.001	0.035	0.051	0.003	0.016	0.368	0.363	0.396	0.409	0.413	0.426
	Back side	0.313	0.071	0.030	0.048	0.354	0.243	0.017	0.169	0.415	0.449	0.755	0.907	0.645	0.797
2A-12A(LAT)	Front side	0.267	0.055	0.009	0.001	0.035	0.051	0.003	0.016	0.332	0.326	0.359	0.373	0.376	0.390
	Back side	0.313	0.159	0.030	0.048	0.354	0.243	0.017	0.169	0.503	0.538	0.843	0.995	0.733	0.885
4A-5A(UAT)	Front side	0.122	0.162	0.009	0.001	0.035	0.051	0.003	0.016	0.294	0.289	0.322	0.335	0.339	0.352
	Back side	0.137	0.123	0.030	0.048	0.354	0.243	0.017	0.169	0.291	0.325	0.631	0.783	0.521	0.672
4A-5A(LAT)	Front side	0.122	0.113	0.009	0.001	0.035	0.051	0.003	0.016	0.244	0.239	0.272	0.286	0.289	0.302
	Back side	0.137	0.186	0.030	0.048	0.354	0.243	0.017	0.169	0.353	0.388	0.694	0.846	0.583	0.735
4A-12A(UAT)	Front side	0.122	0.091	0.009	0.001	0.035	0.051	0.003	0.016	0.223	0.217	0.251	0.264	0.267	0.281
	Back side	0.137	0.071	0.030	0.048	0.354	0.243	0.017	0.169	0.239	0.273	0.579	0.731	0.469	0.620
4A-12A(LAT)	Front side	0.122	0.055	0.009	0.001	0.035	0.051	0.003	0.016	0.186	0.181	0.214	0.227	0.231	0.244
	Back side	0.137	0.159	0.030	0.048	0.354	0.243	0.017	0.169	0.327	0.361	0.667	0.819	0.557	0.709
12A(UAT)-66A	Front side	0.091	0.122	0.009	0.001	0.035	0.051	0.003	0.016	0.223	0.217	0.251	0.264	0.267	0.281
	Back side	0.071	0.137	0.030	0.048	0.354	0.243	0.017	0.169	0.239	0.273	0.579	0.731	0.469	0.620
12A(LAT)-66A	Front side	0.055	0.122	0.009	0.001	0.035	0.051	0.003	0.016	0.186	0.181	0.214	0.227	0.231	0.244
	Back side	0.159	0.137	0.030	0.048	0.354	0.243	0.017	0.169	0.327	0.361	0.667	0.819	0.557	0.709

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### Camera\_Hotspot

The simultaneous hotspot exposure conditions for WLAN(Camera mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.266	0.160	0.035	0.011	0.077	0.054	0.006	0.026	0.461	0.443	0.508	0.529	0.486	0.506
	Back side	0.305	0.123	0.090	0.032	0.459	0.429	0.087	0.076	0.518	0.547	0.974	0.963	0.944	0.933
	Top side	0.001	0.115	0.073	0.001	0.084	0.003	0.072	0.001	0.189	0.190	0.273	0.201	0.192	0.120
	Bottom side	1.035	0.001	0.001	0.006	0.001	0.102	0.001	0.020	1.037	1.043	1.038	1.057	1.139	1.158
	Right side	0.017	0.062	0.002	0.002	0.019	0.043	0.003	0.004	0.081	0.085	0.102	0.102	0.126	0.126
2A-5A(LAT)	Left side	0.202	0.086	0.026	0.007	0.073	0.013	0.058	0.016	0.314	0.353	0.419	0.377	0.359	0.317
	Front side	0.266	0.241	0.035	0.011	0.077	0.054	0.006	0.026	0.541	0.523	0.588	0.609	0.566	0.586
	Back side	0.305	0.232	0.090	0.032	0.459	0.429	0.087	0.076	0.626	0.655	1.083	1.071	1.052	1.041
	Top side	0.001	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.078	0.160	0.089	0.080	0.008
	Bottom side	1.035	0.209	0.001	0.006	0.001	0.102	0.001	0.020	1.245	1.251	1.247	1.266	1.347	1.366
2A-12A(UAT)	Right side	0.017	0.168	0.002	0.002	0.019	0.043	0.003	0.004	0.187	0.191	0.208	0.208	0.232	0.232
	Left side	0.202	0.031	0.026	0.007	0.073	0.013	0.058	0.016	0.259	0.299	0.364	0.322	0.304	0.262
	Front side	0.266	0.091	0.035	0.011	0.077	0.054	0.006	0.026	0.392	0.374	0.439	0.459	0.416	0.437
	Back side	0.305	0.071	0.090	0.032	0.459	0.429	0.087	0.076	0.465	0.495	0.922	0.911	0.892	0.880
	Top side	0.001	0.062	0.073	0.001	0.084	0.003	0.072	0.001	0.136	0.137	0.220	0.148	0.139	0.067
2A-12A(LAT)	Bottom side	1.035	0.001	0.001	0.006	0.001	0.102	0.001	0.020	1.037	1.043	1.038	1.058	1.139	1.158
	Right side	0.017	0.052	0.002	0.002	0.019	0.043	0.003	0.004	0.070	0.074	0.091	0.091	0.115	0.115
	Left side	0.202	0.004	0.026	0.007	0.073	0.013	0.058	0.016	0.232	0.271	0.336	0.295	0.277	0.235
	Front side	0.266	0.158	0.035	0.011	0.077	0.054	0.006	0.026	0.458	0.440	0.506	0.526	0.483	0.503
	Back side	0.305	0.136	0.090	0.032	0.459	0.429	0.087	0.076	0.530	0.560	0.987	0.975	0.956	0.945
4A-5A(UAT)	Top side	0.001	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.075	0.158	0.087	0.077	0.006
	Bottom side	1.035	0.105	0.001	0.006	0.001	0.102	0.001	0.020	1.141	1.147	1.143	1.162	1.243	1.262
	Right side	0.017	0.001	0.002	0.002	0.019	0.043	0.003	0.004	0.020	0.023	0.040	0.041	0.064	0.065
	Left side	0.202	0.002	0.026	0.007	0.073	0.013	0.058	0.016	0.230	0.270	0.335	0.293	0.275	0.233
	Front side	0.211	0.160	0.035	0.011	0.077	0.054	0.006	0.026	0.407	0.389	0.454	0.475	0.431	0.452
4A-5A(LAT)	Back side	0.306	0.123	0.090	0.032	0.459	0.429	0.087	0.076	0.519	0.548	0.975	0.964	0.945	0.934
	Top side	0.003	0.115	0.073	0.001	0.084	0.003	0.072	0.001	0.191	0.192	0.275	0.203	0.194	0.123
	Bottom side	0.933	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.935	0.941	0.936	0.955	1.036	1.056
	Right side	0.066	0.062	0.002	0.002	0.019	0.043	0.003	0.004	0.130	0.134	0.151	0.151	0.175	0.175
	Left side	0.119	0.086	0.026	0.007	0.073	0.013	0.058	0.016	0.231	0.270	0.336	0.294	0.276	0.234
4A-12A(UAT)	Front side	0.211	0.241	0.035	0.011	0.077	0.054	0.006	0.026	0.487	0.469	0.534	0.555	0.512	0.532
	Back side	0.306	0.232	0.090	0.032	0.459	0.429	0.087	0.076	0.627	0.656	1.084	1.072	1.053	1.042
	Top side	0.003	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.079	0.080	0.163	0.091	0.082	0.010
	Bottom side	0.933	0.209	0.001	0.006	0.001	0.102	0.001	0.020	1.143	1.149	1.144	1.163	1.245	1.264
	Right side	0.066	0.168	0.002	0.002	0.019	0.043	0.003	0.004	0.236	0.240	0.257	0.257	0.281	0.281
4A-12A(LAT)	Left side	0.119	0.031	0.026	0.007	0.073	0.013	0.058	0.016	0.176	0.216	0.281	0.239	0.221	0.179
	Front side	0.211	0.091	0.035	0.011	0.077	0.054	0.006	0.026	0.338	0.319	0.385	0.405	0.362	0.383
	Back side	0.306	0.071	0.090	0.032	0.459	0.429	0.087	0.076	0.466	0.496	0.923	0.912	0.893	0.881
	Top side	0.003	0.062	0.073	0.001	0.084	0.003	0.072	0.001	0.138	0.139	0.222	0.150	0.141	0.069
	Bottom side	0.933	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.935	0.941	0.936	0.955	1.037	1.056
12A(UAT)-66A	Right side	0.066	0.052	0.002	0.002	0.019	0.043	0.003	0.004	0.119	0.123	0.140	0.140	0.164	0.164
	Left side	0.119	0.004	0.026	0.007	0.073	0.013	0.058	0.016	0.148	0.188	0.253	0.211	0.194	0.152
	Front side	0.211	0.158	0.035	0.011	0.077	0.054	0.006	0.026	0.404	0.386	0.452	0.472	0.429	0.449
	Back side	0.306	0.136	0.090	0.032	0.459	0.429	0.087	0.076	0.531	0.561	0.988	0.976	0.957	0.946
	Top side	0.003	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.078	0.161	0.089	0.080	0.008
12A(LAT)-66A	Bottom side	0.933	0.105	0.001	0.006	0.001	0.102	0.001	0.020	1.039	1.045	1.040	1.059	1.141	1.160
	Right side	0.066	0.001	0.002	0.002	0.019	0.043	0.003	0.004	0.069	0.073	0.089	0.090	0.113	0.114
	Left side	0.119	0.002	0.026	0.007	0.073	0.013	0.058	0.016	0.147	0.186	0.252	0.210	0.192	0.150
	Front side	0.091	0.211	0.035	0.011	0.077	0.054	0.006	0.026	0.338	0.319	0.385	0.405	0.362	0.383
	Back side	0.071	0.306	0.090	0.032	0.459	0.429	0.087	0.076	0.466	0.496	0.923	0.912	0.893	0.881

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Normal\_Landscape\_Body

The simultaneous body-worn exposure conditions for WLAN(normal landscape mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.001	0.061	0.051	0.002	0.016	0.450	0.433	0.493	0.507	0.483	0.497
	Back side	0.313	0.123	0.075	0.048	0.080	0.243	0.014	0.169	0.511	0.498	0.530	0.685	0.693	0.849
2A-5A(LAT)	Front side	0.267	0.113	0.020	0.001	0.061	0.051	0.002	0.016	0.401	0.384	0.444	0.458	0.434	0.448
	Back side	0.313	0.186	0.075	0.048	0.080	0.243	0.014	0.169	0.574	0.561	0.593	0.748	0.756	0.911
2A-12A(UAT)	Front side	0.267	0.091	0.020	0.001	0.061	0.051	0.002	0.016	0.379	0.362	0.422	0.436	0.412	0.426
	Back side	0.313	0.071	0.075	0.048	0.080	0.243	0.014	0.169	0.459	0.446	0.478	0.633	0.641	0.797
2A-12A(LAT)	Front side	0.267	0.055	0.020	0.001	0.061	0.051	0.002	0.016	0.343	0.326	0.386	0.400	0.376	0.390
	Back side	0.313	0.159	0.075	0.048	0.080	0.243	0.014	0.169	0.547	0.534	0.566	0.721	0.729	0.885
4A-5A(UAT)	Front side	0.122	0.162	0.020	0.001	0.061	0.051	0.002	0.016	0.305	0.288	0.348	0.362	0.338	0.352
	Back side	0.137	0.123	0.075	0.048	0.080	0.243	0.014	0.169	0.335	0.322	0.354	0.509	0.517	0.672
4A-5A(LAT)	Front side	0.122	0.113	0.020	0.001	0.061	0.051	0.002	0.016	0.256	0.239	0.299	0.313	0.289	0.302
	Back side	0.137	0.186	0.075	0.048	0.080	0.243	0.014	0.169	0.398	0.385	0.417	0.572	0.580	0.735
4A-12A(UAT)	Front side	0.122	0.091	0.020	0.001	0.061	0.051	0.002	0.016	0.234	0.217	0.277	0.291	0.267	0.281
	Back side	0.137	0.071	0.075	0.048	0.080	0.243	0.014	0.169	0.283	0.270	0.302	0.457	0.465	0.620
4A-12A(LAT)	Front side	0.122	0.055	0.020	0.001	0.061	0.051	0.002	0.016	0.197	0.180	0.240	0.254	0.230	0.244
	Back side	0.137	0.159	0.075	0.048	0.080	0.243	0.014	0.169	0.371	0.358	0.390	0.545	0.553	0.709
12A(UAT)-66A	Front side	0.091	0.122	0.020	0.001	0.061	0.051	0.002	0.016	0.234	0.217	0.277	0.291	0.267	0.281
	Back side	0.071	0.137	0.075	0.048	0.080	0.243	0.014	0.169	0.283	0.270	0.302	0.457	0.465	0.620
12A(LAT)-66A	Front side	0.055	0.122	0.020	0.001	0.061	0.051	0.002	0.016	0.197	0.180	0.240	0.254	0.230	0.244
	Back side	0.159	0.137	0.075	0.048	0.080	0.243	0.014	0.169	0.371	0.358	0.390	0.545	0.553	0.709

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Normal\_Landscape\_Hotspot

The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.486	0.453	0.511	0.531	0.496	0.516
	Back side	0.303	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.580	0.496	0.578	0.615	0.893	0.930
	Top side	0.001	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.186	0.114	0.165	0.156	0.116	0.107
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.743	0.749	0.745	0.764	0.845	0.864
	Right side	0.006	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.082	0.076	0.117	0.119	0.117	0.119
2A-5A(LAT)	Left side	0.143	0.052	0.056	0.007	0.017	0.013	0.017	0.016	0.251	0.220	0.229	0.228	0.225	0.224
	Front side	0.274	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.574	0.542	0.599	0.620	0.585	0.605
	Back side	0.303	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.690	0.606	0.688	0.725	1.003	1.040
	Top side	0.001	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.015	0.066	0.058	0.017	0.008
	Bottom side	0.741	0.214	0.001	0.006	0.002	0.102	0.001	0.020	0.956	0.962	0.958	0.977	1.058	1.077
2A-12A(UAT)	Right side	0.006	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.180	0.174	0.215	0.217	0.215	0.217
	Left side	0.143	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.237	0.205	0.215	0.214	0.211	0.210
	Front side	0.274	0.091	0.050	0.011	0.069	0.054	0.006	0.026	0.414	0.382	0.439	0.460	0.424	0.445
	Back side	0.303	0.071	0.154	0.032	0.114	0.429	0.039	0.076	0.528	0.444	0.526	0.563	0.841	0.878
	Top side	0.001	0.062	0.083	0.001	0.053	0.003	0.010	0.001	0.146	0.074	0.126	0.117	0.076	0.067
2A-12A(LAT)	Bottom side	0.741	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.744	0.749	0.746	0.765	0.845	0.864
	Right side	0.006	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.068	0.062	0.103	0.105	0.103	0.105
	Left side	0.143	0.004	0.056	0.007	0.017	0.013	0.017	0.016	0.203	0.171	0.181	0.180	0.177	0.176
	Front side	0.274	0.149	0.050	0.011	0.069	0.054	0.006	0.026	0.472	0.439	0.497	0.517	0.482	0.502
	Back side	0.303	0.122	0.154	0.032	0.114	0.429	0.039	0.076	0.579	0.495	0.577	0.614	0.892	0.929
4A-5A(UAT)	Top side	0.001	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.013	0.064	0.056	0.015	0.006
	Bottom side	0.741	0.113	0.001	0.006	0.002	0.102	0.001	0.020	0.855	0.861	0.857	0.877	0.957	0.976
	Right side	0.006	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.019	0.013	0.054	0.056	0.054	0.055
	Left side	0.143	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.201	0.170	0.180	0.179	0.176	0.174
	Front side	0.173	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.385	0.353	0.410	0.431	0.395	0.416
4A-5A(LAT)	Back side	0.247	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.524	0.440	0.522	0.559	0.837	0.874
	Top side	0.004	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.189	0.117	0.168	0.160	0.119	0.110
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.736	0.742	0.738	0.757	0.837	0.857
	Right side	0.052	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.128	0.122	0.163	0.165	0.163	0.165
	Left side	0.092	0.052	0.056	0.007	0.017	0.013	0.017	0.016	0.199	0.168	0.178	0.177	0.174	0.172
4A-12A(UAT)	Front side	0.173	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.474	0.441	0.499	0.519	0.484	0.504
	Back side	0.247	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.634	0.550	0.632	0.669	0.947	0.984
	Top side	0.004	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.090	0.018	0.070	0.061	0.020	0.011
	Bottom side	0.734	0.214	0.001	0.006	0.002	0.102	0.001	0.020	0.949	0.954	0.951	0.970	1.050	1.070
	Right side	0.052	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.225	0.220	0.261	0.262	0.261	0.262
4A-12A(LAT)	Left side	0.092	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.185	0.154	0.164	0.163	0.160	0.158
	Front side	0.173	0.091	0.050	0.011	0.069	0.054	0.006	0.026	0.314	0.281	0.339	0.359	0.324	0.344
	Back side	0.247	0.071	0.154	0.032	0.114	0.429	0.039	0.076	0.472	0.388	0.470	0.507	0.785	0.822
	Top side	0.004	0.062	0.083	0.001	0.053	0.003	0.010	0.001	0.150	0.077	0.129	0.120	0.079	0.070
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.736	0.742	0.738	0.757	0.838	0.857
12A(UAT)-66A	Right side	0.052	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.114	0.108	0.149	0.151	0.149	0.150
	Left side	0.092	0.004	0.056	0.007	0.017	0.013	0.017	0.016	0.151	0.120	0.130	0.129	0.126	0.124
	Front side	0.173	0.149	0.050	0.011	0.069	0.054	0.006	0.026	0.372	0.339	0.396	0.417	0.382	0.402
	Back side	0.247	0.122	0.154	0.032	0.114	0.429	0.039	0.076	0.523	0.439	0.521	0.558	0.836	0.873
	Top side	0.004	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.088	0.016	0.068	0.059	0.018	0.009
12A(LAT)-66A	Bottom side	0.734	0.113	0.001	0.006	0.002	0.102	0.001	0.020	0.848	0.854	0.850	0.869	0.949	0.969
	Right side	0.052	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.064	0.059	0.100	0.101	0.099	0.101
	Left side	0.092	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.150	0.119	0.129	0.127	0.124	0.123
	Front side	0.091	0.173	0.050	0.011	0.069	0.054	0.006	0.026	0.314	0.281	0.339	0.359	0.324	0.344
	Back side	0.071	0.247	0.154	0.032	0.114	0.429	0.039	0.076	0.472	0.388	0.470	0.507	0.785	0.822
12A(UAT)-66A	Top side	0.062	0.004	0.083	0.001	0.053	0.003	0.010	0.001	0.150	0.077	0.129	0.120	0.079	0.070
	Bottom side	0.001	0.734	0.001	0.006	0.002	0.102	0.001	0.020	0.736	0.742	0.738	0.757	0.838	0.857
	Right side	0.052	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.114	0.108	0.149	0.151	0.149	0.150
	Left side	0.004	0.092	0.056	0.007	0.017	0.013	0.017	0.016	0.151	0.120	0.130	0.129	0.126	0.124
	Front side	0.149	0.173	0.050	0.011	0.069	0.054	0.006	0.026	0.372	0.339	0.396	0.417	0.382	0.402
12A(LAT)-66A	Back side	0.122	0.247	0.154	0.032	0.114	0.429	0.039	0.076	0.523	0.439	0.521	0.558	0.836	0.873
	Top side	0.001	0.004	0.083	0.001	0.053	0.003	0.010	0.001	0.088	0.016	0.068	0.059	0.018	0.009
	Bottom side	0.113	0.734	0.001	0.006	0.002	0.102	0.001	0.020	0.848	0.854	0.850	0.869	0.949	0.969
	Right side	0.002	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.064	0.059	0.100	0.101	0.099	0.101
	Left side	0.002	0.092	0.056	0.007	0.017	0.013	0.017	0.016	0.150	0.119	0.129	0.127	0.124	0.123

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### Gaming\_Body

The simultaneous body-worn exposure conditions for WLAN(Gaming mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.001	0.061	0.083	0.002	0.016	0.450	0.433	0.493	0.507	0.515	0.529
	Back side	0.313	0.123	0.075	0.048	0.080	0.451	0.014	0.169	0.511	0.498	0.530	0.685	0.901	1.056
2A-5A(LAT)	Front side	0.267	0.113	0.020	0.001	0.061	0.083	0.002	0.016	0.401	0.384	0.444	0.458	0.466	0.480
	Back side	0.313	0.186	0.075	0.048	0.080	0.451	0.014	0.169	0.574	0.561	0.593	0.748	0.964	1.119
2A-12A(UAT)	Front side	0.267	0.091	0.020	0.001	0.061	0.083	0.002	0.016	0.379	0.362	0.422	0.436	0.444	0.458
	Back side	0.313	0.071	0.075	0.048	0.080	0.451	0.014	0.169	0.459	0.446	0.478	0.633	0.849	1.004
2A-12A(LAT)	Front side	0.267	0.055	0.020	0.001	0.061	0.083	0.002	0.016	0.343	0.326	0.386	0.400	0.407	0.421
	Back side	0.313	0.159	0.075	0.048	0.080	0.451	0.014	0.169	0.547	0.534	0.566	0.721	0.937	1.092
4A-5A(UAT)	Front side	0.122	0.162	0.020	0.001	0.061	0.083	0.002	0.016	0.305	0.288	0.348	0.362	0.370	0.384
	Back side	0.137	0.123	0.075	0.048	0.080	0.451	0.014	0.169	0.335	0.322	0.354	0.509	0.725	0.880
4A-5A(LAT)	Front side	0.122	0.113	0.020	0.001	0.061	0.083	0.002	0.016	0.256	0.239	0.299	0.313	0.320	0.334
	Back side	0.137	0.186	0.075	0.048	0.080	0.451	0.014	0.169	0.398	0.385	0.417	0.572	0.788	0.943
4A-12A(UAT)	Front side	0.122	0.091	0.020	0.001	0.061	0.083	0.002	0.016	0.234	0.217	0.277	0.291	0.298	0.312
	Back side	0.137	0.071	0.075	0.048	0.080	0.451	0.014	0.169	0.283	0.270	0.302	0.457	0.673	0.828
4A-12A(LAT)	Front side	0.122	0.055	0.020	0.001	0.061	0.083	0.002	0.016	0.197	0.180	0.240	0.254	0.262	0.276
	Back side	0.137	0.159	0.075	0.048	0.080	0.451	0.014	0.169	0.371	0.358	0.390	0.545	0.761	0.916
12A(UAT)-66A	Front side	0.091	0.122	0.020	0.001	0.061	0.083	0.002	0.016	0.234	0.217	0.277	0.291	0.298	0.312
	Back side	0.071	0.137	0.075	0.048	0.080	0.451	0.014	0.169	0.283	0.270	0.302	0.457	0.673	0.828
12A(LAT)-66A	Front side	0.055	0.122	0.020	0.001	0.061	0.083	0.002	0.016	0.197	0.180	0.240	0.254	0.262	0.276
	Back side	0.159	0.137	0.075	0.048	0.080	0.451	0.014	0.169	0.371	0.358	0.390	0.545	0.761	0.916

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### Gaming\_Hotspot

The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN

WWAN	Exposure position (g/W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.011	0.069	0.122	0.006	0.026	0.486	0.453	0.511	0.531	0.564	0.584
	Back side	0.303	0.123	0.154	0.032	0.114	0.601	0.039	0.076	0.580	0.496	0.578	0.615	1.065	1.102
	Top side	0.001	0.102	0.083	0.001	0.053	0.029	0.010	0.186	0.114	0.165	0.156	0.141	0.141	0.133
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.743	0.749	0.745	0.764	0.767	0.787
	Right side	0.006	0.066	0.010	0.002	0.043	0.090	0.002	0.004	0.082	0.076	0.117	0.119	0.164	0.165
	Left side	0.143	0.052	0.056	0.007	0.017	0.003	0.017	0.016	0.251	0.220	0.229	0.228	0.216	0.214
2A-5A(LAT)	Front side	0.274	0.176	0.050	0.011	0.069	0.122	0.006	0.026	0.499	0.466	0.524	0.544	0.577	0.597
	Back side	0.303	0.164	0.154	0.032	0.114	0.601	0.039	0.076	0.620	0.537	0.619	0.656	1.106	1.143
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.013	0.064	0.056	0.040	0.032
	Bottom side	0.741	0.133	0.001	0.006	0.002	0.024	0.001	0.020	0.875	0.881	0.877	0.896	0.899	0.918
	Right side	0.006	0.122	0.010	0.002	0.043	0.090	0.002	0.004	0.138	0.132	0.173	0.175	0.219	0.221
	Left side	0.143	0.022	0.056	0.007	0.017	0.003	0.017	0.016	0.221	0.190	0.200	0.199	0.186	0.185
2A-12A(UAT)	Front side	0.274	0.091	0.050	0.011	0.069	0.122	0.006	0.026	0.414	0.382	0.439	0.460	0.492	0.513
	Back side	0.303	0.071	0.154	0.032	0.114	0.601	0.039	0.076	0.528	0.444	0.526	0.563	1.013	1.050
	Top side	0.001	0.062	0.083	0.001	0.053	0.029	0.010	0.001	0.146	0.074	0.126	0.117	0.102	0.093
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.744	0.749	0.746	0.765	0.768	0.787
	Right side	0.006	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.068	0.062	0.103	0.105	0.149	0.151
	Left side	0.143	0.004	0.056	0.007	0.017	0.003	0.017	0.016	0.203	0.171	0.181	0.180	0.168	0.166
2A-12A(LAT)	Front side	0.274	0.228	0.050	0.011	0.069	0.122	0.006	0.026	0.551	0.518	0.576	0.596	0.629	0.649
	Back side	0.303	0.216	0.154	0.032	0.114	0.601	0.039	0.076	0.673	0.589	0.671	0.708	1.158	1.195
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.013	0.064	0.056	0.040	0.032
	Bottom side	0.741	0.187	0.001	0.006	0.002	0.024	0.001	0.020	0.930	0.935	0.932	0.951	0.954	0.973
	Right side	0.006	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.019	0.013	0.054	0.056	0.100	0.102
	Left side	0.143	0.002	0.056	0.007	0.017	0.003	0.017	0.016	0.201	0.170	0.180	0.179	0.166	0.165
4A-5A(UAT)	Front side	0.173	0.162	0.050	0.011	0.069	0.122	0.006	0.026	0.385	0.353	0.410	0.431	0.463	0.484
	Back side	0.247	0.123	0.154	0.032	0.114	0.601	0.039	0.076	0.524	0.440	0.522	0.559	1.010	1.047
	Top side	0.004	0.102	0.083	0.001	0.053	0.029	0.010	0.001	0.189	0.117	0.168	0.160	0.144	0.136
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.736	0.742	0.738	0.757	0.760	0.779
	Right side	0.052	0.066	0.010	0.002	0.043	0.090	0.002	0.004	0.128	0.122	0.163	0.165	0.209	0.211
	Left side	0.092	0.052	0.056	0.007	0.017	0.003	0.017	0.016	0.199	0.168	0.178	0.177	0.164	0.163
4A-5A(LAT)	Front side	0.173	0.176	0.050	0.011	0.069	0.122	0.006	0.026	0.399	0.366	0.424	0.444	0.477	0.497
	Back side	0.247	0.164	0.154	0.032	0.114	0.601	0.039	0.076	0.565	0.481	0.563	0.600	1.050	1.087
	Top side	0.004	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.016	0.068	0.059	0.044	0.035
	Bottom side	0.734	0.133	0.001	0.006	0.002	0.024	0.001	0.020	0.867	0.873	0.869	0.889	0.891	0.911
	Right side	0.052	0.122	0.010	0.002	0.043	0.090	0.002	0.004	0.184	0.178	0.219	0.220	0.265	0.267
	Left side	0.092	0.022	0.056	0.007	0.017	0.003	0.017	0.016	0.170	0.139	0.149	0.147	0.135	0.134
4A-12A(UAT)	Front side	0.173	0.091	0.050	0.011	0.069	0.122	0.006	0.026	0.314	0.281	0.339	0.359	0.392	0.412
	Back side	0.247	0.071	0.154	0.032	0.114	0.601	0.039	0.076	0.472	0.388	0.470	0.507	0.957	0.995
	Top side	0.004	0.062	0.083	0.001	0.053	0.029	0.010	0.001	0.150	0.077	0.129	0.120	0.105	0.096
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.736	0.742	0.738	0.757	0.760	0.779
	Right side	0.052	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.114	0.108	0.149	0.151	0.195	0.197
	Left side	0.092	0.004	0.056	0.007	0.017	0.003	0.017	0.016	0.151	0.120	0.130	0.129	0.116	0.115
4A-12A(LAT)	Front side	0.173	0.228	0.050	0.011	0.069	0.122	0.006	0.026	0.451	0.418	0.476	0.496	0.529	0.549
	Back side	0.247	0.216	0.154	0.032	0.114	0.601	0.039	0.076	0.617	0.533	0.615	0.652	1.102	1.140
	Top side	0.004	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.016	0.068	0.059	0.044	0.035
	Bottom side	0.734	0.187	0.001	0.006	0.002	0.024	0.001	0.020	0.922	0.928	0.924	0.943	0.946	0.965
	Right side	0.052	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.064	0.059	0.100	0.101	0.146	0.148
	Left side	0.092	0.002	0.056	0.007	0.017	0.003	0.017	0.016	0.150	0.119	0.129	0.127	0.115	0.114
12A(UAT)-66A	Front side	0.091	0.173	0.050	0.011	0.069	0.122	0.006	0.026	0.314	0.281	0.339	0.359	0.392	0.412
	Back side	0.071	0.247	0.154	0.032	0.114	0.601	0.039	0.076	0.472	0.388	0.470	0.507	0.957	0.995
	Top side	0.062	0.004	0.083	0.001	0.053	0.029	0.010	0.001	0.150	0.077	0.129	0.120	0.105	0.096
	Bottom side	0.001	0.734	0.001	0.006	0.002	0.024	0.001	0.020	0.736	0.742	0.738	0.757	0.760	0.779
	Right side	0.052	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.114	0.108	0.149	0.151	0.195	0.197
	Left side	0.004	0.092	0.056	0.007	0.017	0.003	0.017	0.016	0.151	0.120	0.130	0.129	0.116	0.115
12A(LAT)-66A	Front side	0.228	0.173	0.050	0.011	0.069	0.122	0.006	0.026	0.451	0.418	0.476	0.496	0.529	0.549
	Back side	0.216	0.247	0.154	0.032	0.114	0.601	0.039	0.076	0.617	0.533	0.615	0.652	1.102	1.140
	Top side	0.001	0.004	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.016	0.068	0.059	0.044	0.035
	Bottom side	0.187	0.734	0.001	0.006	0.002	0.024	0.001	0.020	0.922	0.928	0.924	0.943	0.946	0.965
	Right side	0.003	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.064	0.059	0.100	0.101	0.146	0.148
	Left side	0.002	0.092	0.056	0.007	0.017	0.003	0.017	0.016	0.150	0.119	0.129	0.127	0.115	0.114

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with WLAN MIMO+DBS\_Head+Body

Calling\_Head

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+6+7 Sum
2A-5A(UAT)	ReCheek	0.116	0.407	0.943	0.999	0.922	1.165	1.020	1.088	0.943	1.144	0.999	1.370
	ReTilt	0.068	0.254	0.486	0.558	0.498	0.588	0.538	0.528	0.478	0.600	0.550	0.690
	LeCheek	0.173	0.295	1.016	1.400	1.026	1.250	1.045	0.877	0.671	1.261	1.056	1.574
	LeTilt	0.077	0.224	0.560	0.707	0.558	0.630	0.554	0.481	0.405	0.628	0.552	0.795
2A-5A(LAT)	ReCheek	0.116	0.071	0.608	0.663	0.587	0.829	0.685	0.753	0.608	0.808	0.663	1.034
	ReTilt	0.068	0.041	0.272	0.344	0.284	0.374	0.325	0.314	0.265	0.386	0.336	0.477
	LeCheek	0.173	0.046	0.767	1.151	0.777	1.002	0.796	0.628	0.422	1.012	0.807	1.325
	LeTilt	0.077	0.025	0.361	0.509	0.359	0.432	0.355	0.282	0.206	0.430	0.353	0.597
2A-12A(UAT)	ReCheek	0.116	0.361	0.898	0.953	0.877	1.120	0.975	1.043	0.898	1.098	0.954	1.324
	ReTilt	0.068	0.237	0.469	0.540	0.481	0.571	0.521	0.511	0.461	0.583	0.533	0.673
	LeCheek	0.173	0.269	0.990	1.375	1.001	1.225	1.020	0.852	0.646	1.236	1.030	1.549
	LeTilt	0.077	0.174	0.509	0.657	0.507	0.580	0.504	0.430	0.354	0.578	0.502	0.745
2A-12A(LAT)	ReCheek	0.116	0.086	0.623	0.678	0.601	0.844	0.699	0.767	0.623	0.823	0.678	1.049
	ReTilt	0.068	0.032	0.264	0.336	0.276	0.366	0.316	0.306	0.257	0.378	0.328	0.469
	LeCheek	0.173	0.045	0.765	1.150	0.776	1.000	0.795	0.627	0.421	1.011	0.806	1.324
	LeTilt	0.077	0.012	0.348	0.496	0.346	0.419	0.342	0.269	0.193	0.417	0.340	0.584
4A-5A(UAT)	ReCheek	0.122	0.407	0.949	1.005	0.928	1.171	1.026	1.094	0.949	1.150	1.005	1.376
	ReTilt	0.083	0.254	0.501	0.573	0.513	0.603	0.553	0.543	0.493	0.615	0.565	0.705
	LeCheek	0.174	0.295	1.017	1.401	1.027	1.252	1.046	0.878	0.672	1.262	1.057	1.575
	LeTilt	0.107	0.224	0.589	0.737	0.587	0.660	0.584	0.510	0.434	0.658	0.582	0.825
4A-5A(LAT)	ReCheek	0.122	0.071	0.614	0.669	0.592	0.835	0.690	0.758	0.614	0.814	0.669	1.040
	ReTilt	0.083	0.041	0.287	0.359	0.299	0.389	0.340	0.329	0.280	0.401	0.351	0.492
	LeCheek	0.174	0.046	0.768	1.152	0.779	1.003	0.797	0.629	0.424	1.013	0.808	1.326
	LeTilt	0.107	0.025	0.391	0.538	0.389	0.461	0.385	0.312	0.235	0.459	0.383	0.626
4A-12A(UAT)	ReCheek	0.122	0.361	0.904	0.959	0.882	1.125	0.981	1.049	0.904	1.104	0.959	1.330
	ReTilt	0.083	0.237	0.484	0.555	0.495	0.586	0.536	0.526	0.476	0.598	0.548	0.688
	LeCheek	0.174	0.269	0.991	1.376	1.002	1.226	1.021	0.853	0.647	1.237	1.032	1.550
	LeTilt	0.107	0.174	0.539	0.686	0.537	0.609	0.533	0.460	0.384	0.607	0.531	0.774
4A-12A(LAT)	ReCheek	0.122	0.086	0.628	0.684	0.607	0.850	0.705	0.773	0.628	0.829	0.684	1.055
	ReTilt	0.083	0.032	0.279	0.351	0.291	0.381	0.331	0.321	0.271	0.393	0.343	0.484
	LeCheek	0.174	0.045	0.767	1.151	0.777	1.001	0.796	0.628	0.422	1.012	0.807	1.325
	LeTilt	0.107	0.012	0.378	0.525	0.376	0.448	0.372	0.299	0.222	0.446	0.370	0.613
12A(UAT)-66A	ReCheek	0.361	0.122	0.904	0.959	0.882	1.125	0.981	1.049	0.904	1.104	0.959	1.330
	ReTilt	0.237	0.083	0.484	0.555	0.495	0.586	0.536	0.526	0.476	0.598	0.548	0.688
	LeCheek	0.269	0.174	0.991	1.376	1.002	1.226	1.021	0.853	0.647	1.237	1.032	1.550
	LeTilt	0.174	0.107	0.539	0.686	0.537	0.609	0.533	0.460	0.384	0.607	0.531	0.774
12A(LAT)-66A	ReCheek	0.086	0.122	0.628	0.684	0.607	0.850	0.705	0.773	0.628	0.829	0.684	1.055
	ReTilt	0.032	0.083	0.279	0.351	0.291	0.381	0.331	0.321	0.271	0.393	0.343	0.484
	LeCheek	0.045	0.174	0.767	1.151	0.777	1.001	0.796	0.628	0.422	1.012	0.807	1.325
	LeTilt	0.012	0.107	0.378	0.525	0.376	0.448	0.372	0.299	0.222	0.446	0.370	0.613

Calling\_Body-worn

The simultaneous body-worn exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+6+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.005	0.061	0.093	0.002	0.001	0.456	0.512	0.543	0.499	0.498	0.530	0.529	0.586	0.585	0.610
	Back side	0.313	0.123	0.075	0.028	0.080	0.219	0.014	0.003	0.540	0.591	0.730	0.558	0.548	0.698	0.687	0.749	0.739	0.838
2A-5A(LAT)	Front side	0.267	0.113	0.020	0.005	0.061	0.093	0.002	0.001	0.406	0.462	0.494	0.449	0.448	0.481	0.480	0.537	0.536	0.561
	Back side	0.313	0.186	0.075	0.028	0.080	0.219	0.014	0.003	0.602	0.654	0.793	0.621	0.611	0.760	0.750	0.812	0.801	0.901
2A-12A(UAT)	Front side	0.267	0.091	0.020	0.005	0.061	0.093	0.002	0.001	0.384	0.441	0.472	0.427	0.426	0.459	0.458	0.515	0.514	0.539
	Back side	0.313	0.071	0.075	0.028	0.080	0.219	0.014	0.003	0.487	0.539	0.678	0.506	0.496	0.646	0.635	0.697	0.687	0.786
2A-12A(LAT)	Front side	0.267	0.055	0.020	0.005	0.061	0.093	0.002	0.001	0.348	0.404	0.436	0.391	0.390	0.422	0.421	0.479	0.478	0.502
	Back side	0.313	0.159	0.075	0.028	0.080	0.219	0.014	0.003	0.576	0.627	0.766	0.595	0.584	0.734	0.723	0.785	0.775	0.874
4A-5A(UAT)	Front side	0.122	0.162	0.020	0.005	0.061	0.093	0.002	0.001	0.310	0.367	0.398	0.353	0.352	0.385	0.384	0.441	0.440	0.465
	Back side	0.137	0.123	0.075	0.028	0.080	0.219	0.014	0.003	0.363	0.415	0.554	0.382	0.372	0.522	0.511	0.573	0.562	0.662
4A-5A(LAT)	Front side	0.122	0.113	0.020	0.005	0.061	0.093	0.002	0.001	0.261	0.317	0.349	0.304	0.303	0.335	0.334	0.392	0.391	0.415
	Back side	0.137	0.186	0.075	0.028	0.080	0.219	0.014	0.003	0.426	0.477	0.617	0.445	0.434	0.584	0.574	0.636	0.625	0.725
4A-12A(UAT)	Front side	0.122	0.091	0.020	0.005	0.061	0.093	0.002	0.001	0.239	0.295	0.327	0.282	0.281	0.314	0.313	0.370	0.369	0.393
	Back side	0.137	0.071	0.075	0.028	0.080	0.219	0.014	0.003	0.311	0.363	0.502	0.330	0.320	0.469	0.459	0.521	0.510	0.610
4A-12A(LAT)	Front side	0.122	0.055	0.020	0.005	0.061	0.093	0.002	0.001	0.202	0.259	0.290	0.246	0.245	0.277	0.276	0.333	0.332	0.357
	Back side	0.137	0.159	0.075	0.028	0.080	0.219	0.014	0.003	0.399	0.451	0.590	0.418	0.408	0.558	0.547	0.609	0.598	0.698
12A(UAT)-66A	Front side	0.091	0.122	0.020	0.005	0.061	0.093	0.002	0.001	0.239	0.295	0.327	0.282	0.281	0.314	0.313	0.370	0.369	0.393
	Back side	0.071	0.137	0.075	0.028	0.080	0.219	0.014	0.003	0.311	0.363	0.502	0.330	0.320	0.469	0.459	0.521	0.510	0.610
12A(LAT)-66A	Front side	0.055	0.122	0.020	0.005	0.061	0.093	0.002	0.001	0.202	0.259	0.290	0.246	0.245	0.277	0.276	0.333	0.332	0.357
	Back side	0.159	0.137	0.075	0.028	0.080	0.219	0.014	0.003	0.399	0.451	0.590	0.418	0.408	0.558	0.547	0.609	0.598	0.698

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Calling\_Hotspot

The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN

WWAN	Exposure position (g/W/kg)	The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN																		
		0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10	
	LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+6+7 Sum	0+1+2+3+4+5 Sum	
2A-5A(UAT)	Front side	0.274	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.029	0.555	0.710	0.554	0.560	0.709	0.715	0.735	0.741	0.822	
	Back side	0.303	0.123	0.154	0.062	0.114	0.466	0.039	0.016	0.642	0.694	1.046	0.640	0.618	0.993	0.971	1.044	1.022	1.222	
	Top side	0.001	0.102	0.083	0.031	0.053	0.203	0.010	0.009	0.217	0.239	0.389	0.196	0.195	0.346	0.345	0.368	0.367	0.472	
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.744	0.745	0.798	0.746	0.746	0.799	0.799	0.800	0.800	0.800	0.801
	Right side	0.006	0.066	0.010	0.003	0.043	0.044	0.002	0.001	0.085	0.126	0.126	0.126	0.119	0.122	0.120	0.162	0.160	0.173	
	Left side	0.143	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.276	0.268	0.371	0.255	0.246	0.358	0.349	0.350	0.340	0.414	
2A-5A(LAT)	Front side	0.274	0.251	0.050	0.043	0.069	0.224	0.006	0.012	0.617	0.643	0.799	0.642	0.649	0.797	0.804	0.823	0.830	0.910	
	Back side	0.303	0.233	0.154	0.062	0.114	0.466	0.039	0.016	0.752	0.804	1.156	0.750	0.728	1.103	1.081	1.154	1.132	1.332	
	Top side	0.001	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.118	0.140	0.290	0.097	0.096	0.248	0.246	0.269	0.268	0.373	
	Bottom side	0.741	0.214	0.001	0.001	0.002	0.055	0.001	0.001	0.957	0.958	1.011	0.959	0.959	1.012	1.012	1.013	1.013	1.014	
	Right side	0.006	0.163	0.010	0.003	0.043	0.044	0.002	0.001	0.183	0.223	0.224	0.218	0.217	0.219	0.218	0.259	0.258	0.271	
	Left side	0.143	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.262	0.254	0.357	0.241	0.232	0.344	0.335	0.336	0.326	0.400	
2A-12A(UAT)	Front side	0.274	0.091	0.050	0.043	0.069	0.224	0.006	0.012	0.457	0.483	0.638	0.482	0.489	0.637	0.644	0.663	0.670	0.750	
	Back side	0.303	0.071	0.154	0.062	0.114	0.466	0.039	0.016	0.590	0.642	0.994	0.588	0.566	0.941	0.919	0.992	0.970	1.170	
	Top side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.177	0.199	0.349	0.156	0.155	0.307	0.305	0.328	0.327	0.433	
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.745	0.746	0.798	0.747	0.747	0.799	0.799	0.800	0.800	0.801	
	Right side	0.006	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.071	0.111	0.112	0.107	0.105	0.107	0.106	0.148	0.146	0.159	
	Left side	0.143	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.228	0.220	0.323	0.207	0.198	0.310	0.301	0.302	0.292	0.366	
2A-12A(LAT)	Front side	0.274	0.149	0.050	0.043	0.069	0.224	0.006	0.012	0.515	0.541	0.696	0.540	0.546	0.695	0.702	0.721	0.728	0.808	
	Back side	0.303	0.122	0.154	0.062	0.114	0.466	0.039	0.016	0.641	0.693	1.045	0.639	0.617	0.992	0.970	1.043	1.021	1.221	
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.371	
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.745	0.746	0.798	0.747	0.747	0.799	0.799	0.800	0.800	0.801	
	Right side	0.006	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.071	0.111	0.112	0.107	0.105	0.107	0.106	0.148	0.146	0.159	
	Left side	0.143	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.227	0.218	0.321	0.206	0.196	0.308	0.299	0.300	0.291	0.364	
4A-5A(UAT)	Front side	0.173	0.162	0.050	0.043	0.069	0.224	0.006	0.012	0.428	0.454	0.609	0.453	0.460	0.608	0.615	0.634	0.641	0.721	
	Back side	0.247	0.123	0.154	0.062	0.114	0.466	0.039	0.016	0.586	0.638	0.990	0.585	0.562	0.937	0.915	0.989	0.966	1.166	
	Top side	0.004	0.102	0.083	0.031	0.053	0.203	0.010	0.009	0.220	0.242	0.392	0.199	0.198	0.350	0.348	0.371	0.370	0.476	
	Bottom side	0.734	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.737	0.738	0.790	0.739	0.739	0.791	0.791	0.793	0.793	0.794	
	Right side	0.052	0.066	0.010	0.003	0.043	0.044	0.002	0.001	0.151	0.171	0.172	0.166	0.165	0.167	0.166	0.207	0.206	0.219	
	Left side	0.092	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.225	0.216	0.319	0.156	0.155	0.307	0.305	0.328	0.327	0.433	
4A-5A(LAT)	Front side	0.173	0.251	0.050	0.043	0.069	0.224	0.006	0.012	0.517	0.543	0.698	0.542	0.549	0.697	0.704	0.723	0.730	0.810	
	Back side	0.247	0.233	0.154	0.062	0.114	0.466	0.039	0.016	0.696	0.748	1.100	0.695	0.672	1.047	1.025	1.099	1.076	1.276	
	Top side	0.004	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.121	0.143	0.293	0.100	0.099	0.251	0.249	0.272	0.271	0.377	
	Bottom side	0.734	0.214	0.001	0.001	0.002	0.055	0.001	0.001	0.950	0.951	1.003	0.952	0.952	1.004	1.004	1.005	1.005	1.006	
	Right side	0.052	0.163	0.010	0.003	0.043	0.044	0.002	0.001	0.229	0.269	0.270	0.264	0.263	0.265	0.264	0.305	0.304	0.316	
	Left side	0.092	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.211	0.202	0.305	0.190	0.180	0.293	0.283	0.284	0.275	0.348	
4A-12A(UAT)	Front side	0.247	0.122	0.050	0.043	0.069	0.224	0.006	0.012	0.468	0.494	0.649	0.468	0.475	0.648	0.655	0.674	0.681	0.761	
	Back side	0.247	0.071	0.154	0.062	0.114	0.466	0.039	0.016	0.534	0.586	0.938	0.533	0.510	0.885	0.863	0.937	0.914	1.114	
	Top side	0.004	0.062	0.083	0.031	0.053	0.203	0.010	0.009	0.180	0.202	0.352	0.160	0.158	0.310	0.309	0.332	0.330	0.436	
	Bottom side	0.734	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.737	0.738	0.791	0.739	0.739	0.792	0.792	0.793	0.793	0.794	
	Right side	0.052	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.117	0.157	0.158	0.152	0.151	0.153	0.152	0.193	0.192	0.204	
	Left side	0.092	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.177	0.168	0.271	0.156	0.146	0.259	0.249	0.250	0.241	0.314	
4A-12A(LAT)	Front side	0.173	0.149	0.050	0.043	0.069	0.224	0.006	0.012	0.415	0.440	0.596	0.439	0.446	0.595	0.601	0.620	0.627	0.708	
	Back side	0.247	0.122	0.154	0.062	0.114	0.466	0.039	0.016	0.585	0.637	0.989	0.584	0.561	0.936	0.914	0.988	0.965	1.165	
	Top side	0.004	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.119	0.141	0.291	0.098	0.097	0.249	0.247	0.269	0.268	0.375	
	Bottom side	0.734	0.113	0.001	0.001	0.002	0.055	0.001	0.001	0.849	0.850	0.902	0.851	0.851	0.904	0.904	0.905	0.905	0.906	
	Right side	0.052	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.067	0.108	0.108	0.103	0.101	0.104	0.102	0.144	0.142	0.155	
	Left side	0.092	0.002	0.056	0.026	0.017	0.120	0.017	0.008	0.175	0.167	0.270	0.154	0.145	0.257	0.248	0.249	0.239	0.313	
12A(UAT)-66A	Front side	0.091	0.173	0.050	0.043	0.069	0.224	0.006	0.012	0.357	0.383	0.538	0.382	0.389	0.537	0.544	0.563	0.570	0.650	
	Back side	0.071	0.247	0.154	0.062	0.114	0.466	0.039	0.016	0.534	0.586	0.938	0.533	0.510	0.885	0.863	0.937	0.914	1.114	
	Top side	0.004	0.062	0.083	0.031	0.053	0.203	0.010	0.009	0.180	0.202	0.352	0.160	0.158	0.310	0.309	0.332	0.330	0.436	
	Bottom side	0.001	0.734	0.001	0.001	0.002	0.055	0.001	0.001	0.737	0.738	0.791	0.739	0.739	0.792	0.792	0.793	0.793	0.794	
	Right side	0.052	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.117	0.157	0.158	0.152	0.151	0.153	0.152	0.193	0.192	0.204	
	Left side	0.092	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.177	0.168	0.271	0.156	0.146	0.259	0.249	0.250	0.241	0.314	

### Camera\_Hotspot

The simultaneous hotspot exposure conditions for WLAN(Camera mode) with WWAN

WWAN	Exposure position 1g(W/kg)	Scenario 1										Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+4+5 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	Front side	0.266	0.160	0.035	0.011	0.077	0.054	0.006	0.026	0.472	0.538	0.515	0.520	0.540	0.517	0.517	0.562	0.583	0.603	0.603
	Back side	0.305	0.123	0.090	0.032	0.459	0.429	0.087	0.076	0.549	0.977	0.946	1.006	0.995	0.976	0.965	1.403	1.392	1.437	1.437
	Top side	0.001	0.115	0.073	0.001	0.084	0.003	0.072	0.001	0.190	0.273	0.192	0.274	0.202	0.193	0.121	0.276	0.204	0.277	0.277
	Right side	0.017	0.062	0.002	0.002	0.019	0.043	0.003	0.004	0.083	0.100	0.124	0.104	0.104	0.128	0.128	0.145	0.145	0.146	0.146
	Left side	0.202	0.086	0.026	0.007	0.073	0.013	0.058	0.016	0.321	0.386	0.327	0.426	0.384	0.366	0.324	0.432	0.390	0.407	0.407

### Normal\_Landscape\_Body

The simultaneous body-worn exposure conditions for WLAN(Normal landscape mode) with WWAN

WWAN	Exposure position 1g(W/kg)	Scenario 1										Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum	
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.001	0.061	0.051	0.002	0.016	0.452	0.512	0.502	0.495	0.509	0.485	0.499	0.545	0.559	0.565	0.565
	Back side	0.313	0.123	0.075	0.048	0.080	0.243	0.014	0.169	0.559	0.591	0.754	0.578	0.733	0.741	0.896	0.773	0.928	0.882	0.882

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Normal\_Landscape\_Hotspot

The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN

WWAN	Exposure position 1g(W/kg)	The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN																	
		0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+4+5 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.497	0.555	0.540	0.522	0.542	0.507	0.527	0.585	0.585	0.620
	Back side	0.303	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.612	0.694	1.009	0.610	0.647	0.925	0.962	1.007	1.044	1.155
	Top side	0.001	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.187	0.239	0.189	0.166	0.158	0.117	0.108	0.168	0.160	0.243
	Right side	0.006	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.085	0.126	0.125	0.120	0.121	0.120	0.121	0.161	0.162	0.171
	Left side	0.143	0.052	0.056	0.007	0.017	0.013	0.017	0.016	0.258	0.268	0.264	0.237	0.235	0.232	0.231	0.242	0.241	0.288
2A-5A(LAT)	Front side	0.274	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.586	0.643	0.629	0.611	0.631	0.596	0.616	0.653	0.674	0.709
	Back side	0.303	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.722	0.804	1.119	0.720	0.757	1.035	1.072	1.135	1.154	1.265
	Top side	0.001	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.088	0.140	0.090	0.067	0.059	0.018	0.009	0.069	0.061	0.144
	Right side	0.006	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.182	0.223	0.223	0.218	0.219	0.217	0.219	0.258	0.260	0.269
	Left side	0.143	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.244	0.254	0.250	0.223	0.221	0.218	0.217	0.228	0.227	0.274
2A-12A(UAT)	Front side	0.274	0.091	0.050	0.011	0.069	0.054	0.006	0.026	0.426	0.483	0.468	0.450	0.471	0.436	0.456	0.493	0.514	0.549
	Back side	0.303	0.071	0.154	0.032	0.114	0.429	0.039	0.076	0.560	0.642	0.957	0.558	0.595	0.873	0.910	0.955	0.992	1.102
	Top side	0.001	0.062	0.010	0.002	0.043	0.043	0.010	0.001	0.147	0.199	0.149	0.127	0.118	0.077	0.068	0.129	0.120	0.203
	Right side	0.006	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.740	0.770	0.746	0.845	0.751	0.771	0.851	0.870	0.847	0.866
	Left side	0.143	0.004	0.056	0.007	0.017	0.013	0.017	0.016	0.210	0.220	0.216	0.189	0.187	0.184	0.183	0.194	0.193	0.240
2A-12A(LAT)	Front side	0.274	0.149	0.050	0.011	0.069	0.054	0.006	0.026	0.483	0.541	0.526	0.508	0.528	0.493	0.513	0.551	0.571	0.606
	Back side	0.303	0.122	0.154	0.032	0.114	0.429	0.039	0.076	0.611	0.693	1.008	0.609	0.646	0.924	0.961	1.006	1.043	1.154
	Top side	0.001	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.138	0.088	0.065	0.057	0.016	0.007	0.067	0.059	0.142
	Right side	0.006	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.021	0.062	0.062	0.056	0.058	0.056	0.058	0.097	0.095	0.108
	Left side	0.143	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.208	0.218	0.214	0.187	0.186	0.183	0.182	0.193	0.191	0.238
4A-5A(UAT)	Front side	0.173	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.397	0.454	0.439	0.421	0.442	0.407	0.427	0.464	0.485	0.520
	Back side	0.247	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.556	0.638	0.953	0.554	0.591	0.869	0.906	0.951	0.988	1.099
	Top side	0.004	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.190	0.242	0.192	0.169	0.161	0.120	0.111	0.172	0.163	0.246
	Right side	0.006	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.742	0.738	0.837	0.744	0.763	0.843	0.862	0.839	0.859	0.845
	Left side	0.092	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.192	0.202	0.198	0.171	0.167	0.165	0.167	0.177	0.176	0.223
4A-5A(LAT)	Front side	0.173	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.485	0.543	0.528	0.510	0.531	0.495	0.516	0.553	0.573	0.608
	Back side	0.247	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.666	0.748	1.063	0.664	0.701	0.979	1.016	1.061	1.098	1.209
	Top side	0.004	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.091	0.143	0.093	0.071	0.062	0.021	0.012	0.073	0.064	0.147
	Right side	0.006	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.954	0.951	1.050	0.957	0.976	1.056	1.075	1.052	1.072	1.058
	Left side	0.092	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.209	0.219	0.215	0.187	0.186	0.183	0.182	0.193	0.191	0.238
4A-12A(UAT)	Front side	0.173	0.091	0.050	0.011	0.069	0.054	0.006	0.026	0.397	0.454	0.439	0.421	0.442	0.407	0.427	0.464	0.485	0.520
	Back side	0.247	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.556	0.638	0.953	0.554	0.591	0.869	0.906	0.951	0.988	1.099
	Top side	0.004	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.190	0.242	0.192	0.169	0.161	0.120	0.111	0.172	0.163	0.246
	Right side	0.006	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.742	0.738	0.837	0.744	0.763	0.843	0.862	0.839	0.859	0.845
	Left side	0.092	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.192	0.202	0.198	0.171	0.167	0.165	0.167	0.177	0.176	0.223
4A-12A(LAT)	Front side	0.173	0.149	0.050	0.011	0.069	0.054	0.006	0.026	0.483	0.541	0.526	0.508	0.528	0.493	0.513	0.551	0.571	0.606
	Back side	0.303	0.122	0.154	0.032	0.114	0.429	0.039	0.076	0.611	0.693	1.008	0.609	0.646	0.924	0.961	1.006	1.043	1.154
	Top side	0.001	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.138	0.088	0.065	0.057	0.016	0.007	0.067	0.059	0.142
	Right side	0.006	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.021	0.062	0.062	0.056	0.058	0.056	0.058	0.097	0.095	0.108
	Left side	0.143	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.208	0.218	0.214	0.187	0.186	0.183	0.182	0.193	0.191	0.238
12A(UAT)-66A	Front side	0.173	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.397	0.454	0.439	0.421	0.442	0.407	0.427	0.464	0.485	0.520
	Back side	0.247	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.556	0.638	0.953	0.554	0.591	0.869	0.906	0.951	0.988	1.099
	Top side	0.004	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.190	0.242	0.192	0.169	0.161	0.120	0.111	0.172	0.163	0.246
	Right side	0.006	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.742	0.738	0.837	0.744	0.763	0.843	0.862	0.839	0.859	0.845
	Left side	0.092	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.192	0.202	0.198	0.171	0.167	0.165	0.167	0.177	0.176	0.223
12A(LAT)-66A	Front side	0.173	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.485	0.543	0.528	0.510	0.531	0.495	0.516	0.553	0.573	0.608
	Back side	0.247	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.666	0.748	1.063	0.664	0.701	0.979	1.016	1.061	1.098	1.209
	Top side	0.004	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.091	0.143	0.093	0.071	0.062	0.021	0.012	0.073	0.064	0.147
	Right side	0.006	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.954	0.951	1.050	0.957	0.976	1.056	1.075	1.052	1.072	1.058
	Left side	0.092	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.209	0.219	0.215	0.187	0.186	0.183	0.182	0.193	0.191	0.238

### Gaming\_Body

The simultaneous body-worn exposure conditions for WLAN(Gaming mode) with WWAN

WWAN	Exposure position 1g(W/kg)	The simultaneous body-worn exposure conditions for WLAN(Gaming mode) with WWAN																	
		0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+4+5 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.001	0.061	0.083	0.002	0.016	0.452	0.512	0.533	0.495	0.509	0.517	0.530	0.577	0.590	0.596

### Gaming\_Hotspot

The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN

WWAN	Exposure position 1g(W/kg)	Scenario																	
		0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+6+7 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.011	0.069	0.122	0.006	0.026	0.497	0.555	0.608	0.522	0.542	0.575	0.593	0.633	0.653	0.688
	Back side	0.303	0.123	0.154	0.032	0.114	0.601	0.039	0.076	0.612	0.694	1.181	0.610	0.647	1.097	1.134	1.179	1.216	1.327
	Top side	0.001	0.102	0.083	0.001	0.053	0.029	0.010	0.001	0.187	0.239	0.215	0.166	0.158	0.142	0.134	0.194	0.185	0.268
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.749	0.745	0.767	0.751	0.770	0.773	0.792	0.769	0.789	0.775
	Left side	0.006	0.066	0.010	0.002	0.043	0.090	0.002	0.004	0.085	0.126	0.172	0.120	0.121	0.166	0.168	0.207	0.209	0.217
2A-5A(LAT)	Front side	0.274	0.176	0.050	0.011	0.069	0.122	0.006	0.026	0.510	0.568	0.621	0.535	0.555	0.588	0.608	0.633	0.666	0.701
	Back side	0.303	0.164	0.154	0.032	0.114	0.601	0.039	0.076	0.652	0.734	1.222	0.651	0.688	1.138	1.175	1.223	1.257	1.367
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.138	0.114	0.085	0.057	0.041	0.033	0.093	0.084	0.167
	Bottom side	0.741	0.133	0.001	0.006	0.002	0.024	0.001	0.020	0.881	0.877	0.899	0.883	0.902	0.905	0.924	0.901	0.920	0.907
	Left side	0.006	0.122	0.010	0.002	0.043	0.090	0.002	0.004	0.140	0.181	0.227	0.176	0.177	0.222	0.223	0.263	0.264	0.273
2A-12A(UAT)	Front side	0.274	0.091	0.050	0.011	0.069	0.122	0.006	0.026	0.426	0.483	0.536	0.450	0.471	0.504	0.524	0.561	0.581	0.616
	Back side	0.303	0.071	0.154	0.032	0.114	0.601	0.039	0.076	0.560	0.642	1.129	0.558	0.595	1.045	1.082	1.127	1.164	1.275
	Top side	0.001	0.187	0.083	0.001	0.053	0.029	0.010	0.001	0.147	0.199	0.175	0.127	0.118	0.103	0.094	0.154	0.145	0.228
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.749	0.746	0.768	0.751	0.771	0.773	0.793	0.770	0.789	0.775
	Left side	0.006	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.070	0.111	0.158	0.106	0.107	0.152	0.153	0.193	0.194	0.203
2A-12A(LAT)	Front side	0.274	0.228	0.050	0.011	0.069	0.122	0.006	0.026	0.562	0.620	0.673	0.587	0.608	0.640	0.661	0.698	0.718	0.753
	Back side	0.303	0.216	0.154	0.032	0.114	0.601	0.039	0.076	0.705	0.787	1.274	0.703	0.740	1.190	1.227	1.272	1.309	1.420
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.138	0.114	0.065	0.057	0.041	0.033	0.093	0.084	0.167
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.749	0.746	0.768	0.751	0.771	0.773	0.793	0.770	0.789	0.775
	Left side	0.006	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.070	0.111	0.158	0.106	0.107	0.152	0.153	0.193	0.194	0.203
4A-5A(UAT)	Front side	0.173	0.162	0.050	0.011	0.069	0.122	0.006	0.026	0.397	0.454	0.507	0.421	0.442	0.474	0.495	0.532	0.552	0.587
	Back side	0.247	0.123	0.154	0.032	0.114	0.601	0.039	0.076	0.556	0.638	1.125	0.554	0.591	1.042	1.079	1.123	1.160	1.271
	Top side	0.004	0.102	0.083	0.001	0.053	0.029	0.010	0.001	0.190	0.242	0.218	0.169	0.161	0.145	0.137	0.197	0.188	0.271
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.742	0.738	0.760	0.744	0.763	0.766	0.785	0.762	0.781	0.768
	Left side	0.052	0.066	0.010	0.002	0.043	0.090	0.002	0.004	0.130	0.171	0.217	0.165	0.167	0.212	0.213	0.253	0.254	0.263
4A-5A(LAT)	Front side	0.173	0.176	0.050	0.011	0.069	0.122	0.006	0.026	0.410	0.468	0.521	0.435	0.455	0.488	0.508	0.546	0.566	0.601
	Back side	0.247	0.164	0.154	0.032	0.114	0.601	0.039	0.076	0.597	0.678	1.166	0.595	0.632	1.082	1.119	1.164	1.201	1.312
	Top side	0.004	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.089	0.141	0.117	0.069	0.060	0.045	0.036	0.096	0.087	0.170
	Bottom side	0.734	0.133	0.001	0.006	0.002	0.024	0.001	0.020	0.873	0.869	0.891	0.875	0.894	0.897	0.916	0.893	0.913	0.899
	Left side	0.052	0.122	0.010	0.002	0.043	0.090	0.002	0.004	0.186	0.227	0.273	0.221	0.223	0.267	0.269	0.308	0.310	0.319
4A-12A(UAT)	Front side	0.173	0.091	0.050	0.011	0.069	0.122	0.006	0.026	0.410	0.468	0.521	0.435	0.455	0.488	0.508	0.546	0.566	0.601
	Back side	0.247	0.062	0.083	0.001	0.053	0.029	0.010	0.001	0.151	0.202	0.178	0.130	0.121	0.106	0.097	0.157	0.148	0.232
	Top side	0.004	0.187	0.083	0.001	0.053	0.029	0.010	0.001	0.147	0.199	0.175	0.127	0.118	0.103	0.094	0.154	0.145	0.228
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.742	0.738	0.760	0.744	0.763	0.766	0.785	0.762	0.781	0.768
	Left side	0.052	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.116	0.157	0.203	0.151	0.153	0.197	0.199	0.238	0.240	0.249
4A-12A(LAT)	Front side	0.173	0.228	0.050	0.011	0.069	0.122	0.006	0.026	0.462	0.520	0.573	0.487	0.507	0.540	0.560	0.598	0.618	0.653
	Back side	0.247	0.216	0.154	0.032	0.114	0.601	0.039	0.076	0.649	0.731	1.218	0.647	0.684	1.134	1.171	1.216	1.253	1.364
	Top side	0.004	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.089	0.141	0.117	0.069	0.060	0.045	0.036	0.096	0.087	0.171
	Bottom side	0.734	0.187	0.001	0.006	0.002	0.024	0.001	0.020	0.928	0.924	0.946	0.930	0.949	0.952	0.971	0.948	0.968	0.954
	Left side	0.052	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.067	0.108	0.154	0.102	0.104	0.148	0.150	0.189	0.191	0.200
12A(UAT)-6EA	Front side	0.091	0.173	0.050	0.011	0.069	0.122	0.006	0.026	0.325	0.383	0.436	0.350	0.370	0.403	0.423	0.461	0.481	0.516
	Back side	0.071	0.247	0.154	0.032	0.114	0.601	0.039	0.076	0.504	0.586	1.073	0.502	0.539	0.989	1.027	1.071	1.108	1.219
	Top side	0.004	0.004	0.083	0.001	0.053	0.029	0.010	0.001	0.151	0.202	0.178	0.130	0.121	0.106	0.097	0.157	0.148	0.232
	Bottom side	0.001	0.734	0.001	0.006	0.002	0.024	0.001	0.020	0.742	0.738	0.760	0.744	0.763	0.766	0.785	0.762	0.781	0.768
	Left side	0.052	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.116	0.157	0.203	0.151	0.153	0.197	0.199	0.238	0.240	0.249
12A(LAT)-6EA	Front side	0.228	0.173	0.050	0.011	0.069	0.122	0.006	0.026	0.462	0.520	0.573	0.487	0.507	0.540	0.560	0.598	0.618	0.653
	Back side	0.216	0.247	0.154	0.032	0.114	0.601	0.039	0.076	0.649	0.731	1.218	0.647	0.684	1.134	1.171	1.216	1.253	1.364
	Top side	0.001	0.004	0.083	0.001	0.053	0.029	0.010	0.001	0.089	0.141	0.117	0.069	0.060	0.045	0.036	0.096	0.087	0.171
	Bottom side	0.187	0.734	0.001	0.006	0.002	0.024	0.001	0.020	0.928	0.924	0.946	0.930	0.949	0.952	0.971	0.948	0.968	0.954
	Left side	0.003	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.067	0.108	0.154	0.102	0.104	0.148	0.150	0.189	0.191	0.200

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## ENDC\_without WLAN

### Head

The simultaneous head exposure conditions				
WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	NR Second Band	0+1 Sum
2A-n5A	ReCheek	0.094	0.022	0.116
	ReTilt	0.057	0.012	0.069
	LeCheek	0.143	0.016	0.159
	LeTilt	0.067	0.008	0.076
2A-n71A	ReCheek	0.094	0.012	0.106
	ReTilt	0.057	0.007	0.065
	LeCheek	0.143	0.009	0.152
	LeTilt	0.067	0.004	0.071
5A_UAT-n2A	ReCheek	0.514	0.092	0.606
	ReTilt	0.313	0.055	0.368
	LeCheek	0.367	0.074	0.440
	LeTilt	0.308	0.042	0.350
5A_LAT-n2A	ReCheek	0.141	0.092	0.233
	ReTilt	0.082	0.055	0.136
	LeCheek	0.092	0.074	0.165
	LeTilt	0.051	0.042	0.092
5A_UAT-n66A	ReCheek	0.514	0.047	0.561
	ReTilt	0.313	0.031	0.344
	LeCheek	0.367	0.042	0.409
	LeTilt	0.308	0.023	0.331
5A_LAT-n66A	ReCheek	0.141	0.047	0.188
	ReTilt	0.082	0.031	0.112
	LeCheek	0.092	0.042	0.134
	LeTilt	0.051	0.023	0.074
41A-n41A_UAT	ReCheek	0.148	0.048	0.197
	ReTilt	0.090	0.023	0.113
	LeCheek	0.180	0.013	0.193
	LeTilt	0.107	0.009	0.116
41A-n41A_LAT	ReCheek	0.148	0.009	0.158
	ReTilt	0.090	0.005	0.095
	LeCheek	0.180	0.006	0.185
	LeTilt	0.107	0.002	0.109

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### Body-worn

The simultaneous body exposure conditions				
WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	NR Second Band	0+1 Sum
2A-n5A	Front side	0.431	0.039	0.469
	Back side	0.451	0.028	0.479
2A-n71A	Front side	0.431	0.026	0.457
	Back side	0.451	0.015	0.466
5A_UAT-n2A	Front side	0.326	0.221	0.546
	Back side	0.258	0.276	0.535
5A_LAT-n2A	Front side	0.227	0.221	0.448
	Back side	0.365	0.276	0.642
5A_UAT-n66A	Front side	0.326	0.152	0.478
	Back side	0.258	0.120	0.378
5A_LAT-n66A	Front side	0.227	0.152	0.379
	Back side	0.365	0.120	0.485
41A-n41A_UAT	Front side	0.147	0.084	0.231
	Back side	0.208	0.217	0.425
41A-n41A_LAT	Front side	0.147	0.015	0.162
	Back side	0.208	0.104	0.312

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### Product specific 10-g SAR

The simultaneous Product specific exposure conditions				
WWAN	Exposure position 10g(W/kg)	0	1	Scenario 1
		LTE First Band	NR Second Band	0+1 Sum
2A-n5A	Front side	0.437	0.260	0.697
	Back side	0.442	0.224	0.666
	Top side	0.003	0.017	0.020
	Bottom side	1.091	0.193	1.284
	Right side	0.177	0.064	0.242
	Left side	0.267	0.039	0.306
2A-n71A	Front side	0.437	0.061	0.498
	Back side	0.442	0.056	0.498
	Top side	0.003	0.003	0.007
	Bottom side	1.091	0.045	1.136
	Right side	0.177	0.015	0.192
	Left side	0.267	0.008	0.275
5A_UAT-n2A	Front side	0.861	0.416	1.277
	Back side	0.671	0.527	1.198
	Top side	0.586	0.003	0.589
	Bottom side	0.006	1.801	1.807
	Right side	0.485	0.108	0.593
	Left side	0.429	0.302	0.732
5A_LAT-n2A	Front side	1.467	0.416	1.883
	Back side	1.217	0.527	1.744
	Top side	0.003	0.003	0.006
	Bottom side	1.057	1.801	2.857
	Right side	0.384	0.108	0.492
	Left side	0.518	0.302	0.821
5A_UAT-n66A	Front side	0.861	0.468	1.329
	Back side	0.671	0.876	1.547
	Top side	0.586	0.001	0.586
	Bottom side	0.006	1.838	1.845
	Right side	0.485	0.025	0.510
	Left side	0.429	0.239	0.668
5A_LAT-n66A	Front side	1.467	0.468	1.935
	Back side	1.217	0.876	2.093
	Top side	0.003	0.001	0.004
	Bottom side	1.057	1.838	2.895
	Right side	0.384	0.025	0.409
	Left side	0.518	0.239	0.757
41A-n41A_UAT	Front side	1.054	0.785	1.839
	Back side	0.907	1.845	2.753
	Top side	0.005	0.068	0.074
	Bottom side	1.472	0.003	1.475
	Right side	0.512	0.123	0.635
	Left side	0.615	0.246	0.861
41A-n41A_LAT	Front side	1.054	0.046	1.100
	Back side	0.907	1.746	2.653
	Top side	0.005	0.007	0.012
	Bottom side	1.472	0.453	1.925
	Right side	0.512	0.040	0.552
	Left side	0.615	0.088	0.703

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## ENDC+SISO\_Head+Body Calling\_Head

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN																					
WWAN	Exposure position 1g(W/kg)	0		2		3		4		5		6		7		Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum						
2A-n5A	ReCheek	0.045	0.022	0.606	0.435	0.534	0.390	0.195	0.050	0.673	0.697	0.796	0.651	0.652	0.507						
	ReTit	0.029	0.012	0.231	0.132	0.236	0.160	0.073	0.023	0.272	0.246	0.349	0.300	0.274	0.224						
	LeCheek	0.071	0.016	1.102	0.181	0.833	0.206	0.266	0.030	1.189	0.534	1.186	0.950	0.559	0.323						
2A-n71A	LeTit	0.032	0.008	0.476	0.100	0.324	0.101	0.091	0.015	0.516	0.231	0.455	0.379	0.232	0.156						
	ReCheek	0.045	0.012	0.606	0.435	0.534	0.390	0.195	0.050	0.683	0.667	0.786	0.641	0.642	0.497						
	ReTit	0.029	0.007	0.231	0.132	0.236	0.160	0.073	0.023	0.267	0.241	0.345	0.295	0.269	0.220						
5A_UAT-n2A	LeCheek	0.071	0.009	1.102	0.181	0.833	0.206	0.266	0.030	1.182	0.526	1.179	0.943	0.551	0.315						
	LeTit	0.032	0.004	0.476	0.100	0.324	0.101	0.091	0.015	0.511	0.227	0.451	0.375	0.227	0.151						
	ReCheek	0.358	0.036	0.606	0.435	0.534	0.390	0.195	0.050	1.000	1.024	1.123	0.978	0.978	0.834						
5A_LAT-n2A	ReTit	0.232	0.019	0.231	0.132	0.236	0.160	0.073	0.023	0.481	0.456	0.559	0.509	0.484	0.434						
	LeCheek	0.248	0.027	1.102	0.181	0.833	0.206	0.266	0.030	1.377	0.721	1.374	1.138	0.747	0.510						
	LeTit	0.220	0.014	0.476	0.100	0.324	0.101	0.091	0.015	0.709	0.425	0.649	0.572	0.425	0.349						
5A_UAT-n66A	ReCheek	0.141	0.036	0.606	0.435	0.534	0.390	0.195	0.050	0.782	0.807	0.905	0.761	0.761	0.616						
	ReTit	0.082	0.019	0.231	0.132	0.236	0.160	0.073	0.023	0.351	0.306	0.409	0.359	0.334	0.284						
	LeCheek	0.092	0.027	1.102	0.181	0.833	0.206	0.266	0.030	1.221	0.565	1.218	0.982	0.591	0.354						
5A_LAT-n66A	LeTit	0.051	0.014	0.476	0.100	0.324	0.101	0.091	0.015	0.540	0.256	0.480	0.404	0.257	0.180						
	ReCheek	0.358	0.036	0.606	0.435	0.534	0.390	0.195	0.050	1.000	1.025	1.123	0.979	0.979	0.834						
	ReTit	0.232	0.025	0.231	0.132	0.236	0.160	0.073	0.023	0.488	0.462	0.566	0.516	0.490	0.440						
41A-n41A_UAT	LeCheek	0.248	0.034	1.102	0.181	0.833	0.206	0.266	0.030	1.383	0.728	1.380	1.144	0.753	0.517						
	ReCheek	0.220	0.017	0.476	0.100	0.324	0.101	0.091	0.015	0.712	0.428	0.652	0.575	0.428	0.352						
	LeTit	0.141	0.036	0.606	0.435	0.534	0.390	0.195	0.050	0.783	0.807	0.906	0.761	0.762	0.617						
41A-n41A_LAT	ReTit	0.082	0.025	0.231	0.132	0.236	0.160	0.073	0.023	0.338	0.312	0.415	0.366	0.340	0.290						
	LeCheek	0.092	0.034	1.102	0.181	0.833	0.206	0.266	0.030	1.227	0.572	1.224	0.988	0.597	0.361						
	LeTit	0.051	0.017	0.476	0.100	0.324	0.101	0.091	0.015	0.543	0.259	0.483	0.407	0.260	0.183						
66A-n5A	ReCheek	0.148	0.048	0.606	0.435	0.534	0.390	0.195	0.050	0.803	0.827	0.926	0.781	0.781	0.637						
	ReTit	0.090	0.023	0.231	0.132	0.236	0.160	0.073	0.023	0.344	0.319	0.422	0.372	0.347	0.297						
	LeCheek	0.180	0.013	1.102	0.181	0.833	0.206	0.266	0.030	1.294	0.639	1.291	1.055	0.664	0.428						
66A-n71A	LeTit	0.107	0.009	0.476	0.100	0.324	0.101	0.091	0.015	0.591	0.307	0.531	0.455	0.308	0.231						
	ReCheek	0.148	0.010	0.606	0.435	0.534	0.390	0.195	0.050	0.764	0.788	0.887	0.742	0.742	0.598						
	ReTit	0.090	0.005	0.231	0.132	0.236	0.160	0.073	0.023	0.326	0.300	0.404	0.354	0.328	0.278						
66A-n5A	LeCheek	0.180	0.006	1.102	0.181	0.833	0.206	0.266	0.030	1.287	0.631	1.284	1.048	0.657	0.421						
	LeTit	0.107	0.003	0.476	0.100	0.324	0.101	0.091	0.015	0.585	0.301	0.525	0.449	0.301	0.225						
	ReCheek	0.067	0.022	0.606	0.435	0.534	0.390	0.195	0.050	0.695	0.719	0.818	0.673	0.673	0.528						
66A-n71A	ReTit	0.041	0.012	0.231	0.132	0.236	0.160	0.073	0.023	0.284	0.259	0.362	0.312	0.287	0.237						
	LeCheek	0.095	0.016	1.102	0.181	0.833	0.206	0.266	0.030	1.212	0.557	1.209	0.973	0.582	0.346						
	LeTit	0.060	0.008	0.476	0.100	0.324	0.101	0.091	0.015	0.544	0.260	0.484	0.408	0.261	0.185						
66A-n71A	ReCheek	0.067	0.012	0.606	0.435	0.534	0.390	0.195	0.050	0.685	0.709	0.808	0.663	0.663	0.518						
	ReTit	0.041	0.007	0.231	0.132	0.236	0.160	0.073	0.023	0.280	0.254	0.357	0.308	0.282	0.232						
	LeCheek	0.095	0.009	1.102	0.181	0.833	0.206	0.266	0.030	1.205	0.549	1.202	0.966	0.575	0.339						
LeTit	0.060	0.004	0.476	0.100	0.324	0.101	0.091	0.015	0.540	0.256	0.479	0.403	0.256	0.180							

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### Calling\_Body-worn

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.046	0.013	0.082	0.206	0.002	0.001	0.370	0.340	0.408	0.407	0.533	0.532
	Back side	0.229	0.073	0.164	0.065	0.126	0.486	0.014	0.003	0.466	0.382	0.442	0.431	0.802	0.792
2A-n71A	Front side	0.219	0.031	0.046	0.013	0.082	0.206	0.002	0.001	0.296	0.265	0.334	0.333	0.459	0.458
	Back side	0.229	0.017	0.164	0.065	0.126	0.486	0.014	0.003	0.410	0.325	0.386	0.375	0.746	0.736
5A_UAT-n2A	Front side	0.249	0.124	0.046	0.013	0.082	0.206	0.002	0.001	0.419	0.389	0.457	0.456	0.582	0.581
	Back side	0.192	0.151	0.164	0.065	0.126	0.486	0.014	0.003	0.507	0.422	0.482	0.471	0.842	0.832
5A_LAT-n2A	Front side	0.208	0.124	0.046	0.013	0.082	0.206	0.002	0.001	0.378	0.347	0.416	0.415	0.541	0.540
	Back side	0.203	0.151	0.164	0.065	0.126	0.486	0.014	0.003	0.517	0.433	0.493	0.482	0.853	0.843
5A_UAT-n66A	Front side	0.249	0.135	0.046	0.013	0.082	0.206	0.002	0.001	0.430	0.399	0.468	0.467	0.593	0.592
	Back side	0.192	0.268	0.164	0.065	0.126	0.486	0.014	0.003	0.624	0.540	0.600	0.589	0.960	0.950
5A_LAT-n66A	Front side	0.208	0.135	0.046	0.013	0.082	0.206	0.002	0.001	0.389	0.358	0.427	0.426	0.552	0.551
	Back side	0.203	0.268	0.164	0.065	0.126	0.486	0.014	0.003	0.635	0.551	0.611	0.600	0.971	0.961
41A-n41A_UAT	Front side	0.148	0.084	0.046	0.013	0.082	0.206	0.002	0.001	0.278	0.248	0.316	0.315	0.441	0.440
	Back side	0.206	0.217	0.164	0.065	0.126	0.486	0.014	0.003	0.587	0.502	0.563	0.552	0.923	0.913
41A-n41A_LAT	Front side	0.148	0.032	0.046	0.013	0.082	0.206	0.002	0.001	0.226	0.195	0.264	0.262	0.388	0.387
	Back side	0.206	0.507	0.164	0.065	0.126	0.486	0.014	0.003	0.877	0.793	0.853	0.842	1.213	1.203

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### Calling\_Hotspot

WWAN	Exposure position 1g(W/kg)	The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN													
		0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain0	WLAN 2.4GHz Chain1	WLAN 5GHz Chain0	WLAN 5GHz Chain1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.110	0.096	0.121	0.428	0.006	0.012	0.435	0.426	0.451	0.458	0.758	0.765
	Back side	0.229	0.073	0.358	0.135	0.175	0.819	0.039	0.016	0.660	0.476	0.516	0.494	1.160	1.138
	Top side	0.001	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.191	0.080	0.093	0.092	0.397	0.395
	Bottom side	0.575	0.010	0.001	0.004	0.002	0.118	0.001	0.001	0.586	0.590	0.588	0.588	0.704	0.704
	Right side	0.005	0.001	0.024	0.008	0.072	0.089	0.002	0.001	0.031	0.017	0.081	0.080	0.098	0.097
2A-n71A	Left side	0.109	0.001	0.125	0.057	0.022	0.206	0.017	0.008	0.236	0.185	0.151	0.141	0.334	0.325
	Front side	0.219	0.031	0.110	0.096	0.121	0.428	0.006	0.012	0.360	0.351	0.377	0.384	0.684	0.691
	Back side	0.229	0.017	0.358	0.135	0.175	0.819	0.039	0.016	0.604	0.420	0.460	0.438	1.104	1.081
	Top side	0.001	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.192	0.081	0.094	0.093	0.398	0.396
	Bottom side	0.575	0.005	0.001	0.004	0.002	0.118	0.001	0.001	0.581	0.585	0.583	0.583	0.699	0.699
5A_UAT-n2A	Right side	0.005	0.007	0.024	0.008	0.072	0.089	0.002	0.001	0.037	0.022	0.087	0.086	0.104	0.103
	Left side	0.109	0.004	0.125	0.057	0.022	0.206	0.017	0.008	0.236	0.188	0.153	0.143	0.337	0.327
	Front side	0.249	0.124	0.110	0.096	0.121	0.428	0.006	0.012	0.483	0.474	0.500	0.507	0.807	0.814
	Back side	0.192	0.151	0.358	0.135	0.175	0.819	0.039	0.016	0.700	0.517	0.557	0.534	1.200	1.178
	Top side	0.157	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.346	0.236	0.249	0.248	0.552	0.551
5A_LAT-n2A	Bottom side	0.001	0.520	0.001	0.004	0.002	0.118	0.001	0.001	0.522	0.526	0.524	0.524	0.640	0.640
	Right side	0.099	0.035	0.024	0.008	0.072	0.089	0.002	0.001	0.158	0.144	0.209	0.207	0.225	0.224
	Left side	0.076	0.080	0.125	0.057	0.022	0.206	0.017	0.008	0.281	0.230	0.195	0.186	0.379	0.370
	Front side	0.208	0.124	0.110	0.096	0.121	0.428	0.006	0.012	0.442	0.433	0.459	0.466	0.766	0.773
	Back side	0.203	0.151	0.358	0.135	0.175	0.819	0.039	0.016	0.711	0.527	0.567	0.545	1.211	1.189
5A_UAT-n66A	Top side	0.002	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.192	0.081	0.095	0.093	0.398	0.397
	Bottom side	0.186	0.520	0.001	0.004	0.002	0.118	0.001	0.001	0.707	0.711	0.709	0.709	0.825	0.825
	Right side	0.146	0.035	0.024	0.008	0.072	0.089	0.002	0.001	0.205	0.191	0.256	0.254	0.272	0.271
	Left side	0.031	0.080	0.125	0.057	0.022	0.206	0.017	0.008	0.236	0.185	0.151	0.141	0.334	0.325
	Front side	0.249	0.135	0.110	0.096	0.121	0.428	0.006	0.012	0.494	0.485	0.511	0.518	0.818	0.825
5A_LAT-n66A	Back side	0.192	0.268	0.358	0.135	0.175	0.819	0.039	0.016	0.818	0.634	0.675	0.652	1.318	1.296
	Top side	0.157	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.346	0.236	0.249	0.248	0.552	0.551
	Bottom side	0.001	0.594	0.001	0.004	0.002	0.118	0.001	0.001	0.596	0.601	0.599	0.599	0.715	0.715
	Right side	0.099	0.005	0.024	0.008	0.072	0.089	0.002	0.001	0.129	0.115	0.179	0.178	0.196	0.195
	Left side	0.076	0.074	0.125	0.057	0.022	0.206	0.017	0.008	0.275	0.225	0.190	0.181	0.374	0.365
38A-n78A_LAT	Front side	0.208	0.135	0.110	0.096	0.121	0.428	0.006	0.012	0.453	0.444	0.470	0.477	0.777	0.784
	Back side	0.203	0.268	0.358	0.135	0.175	0.819	0.039	0.016	0.829	0.645	0.685	0.663	1.329	1.307
	Top side	0.002	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.192	0.082	0.095	0.093	0.398	0.397
	Bottom side	0.186	0.594	0.001	0.004	0.002	0.118	0.001	0.001	0.781	0.786	0.783	0.783	0.900	0.900
	Right side	0.146	0.005	0.024	0.008	0.072	0.089	0.002	0.001	0.176	0.162	0.226	0.225	0.243	0.242
38A-n78A_UAT	Left side	0.031	0.074	0.125	0.057	0.022	0.206	0.017	0.008	0.231	0.180	0.145	0.136	0.329	0.320
	Front side	0.143	0.046	0.110	0.096	0.121	0.428	0.006	0.012	0.299	0.290	0.316	0.323	0.623	0.630
	Back side	0.206	0.523	0.358	0.135	0.175	0.819	0.039	0.016	1.087	0.903	0.943	0.921	1.586	1.564
	Top side	0.001	0.095	0.189	0.068	0.081	0.385	0.010	0.009	0.285	0.174	0.187	0.186	0.490	0.489
	Bottom side	0.253	0.035	0.001	0.004	0.002	0.118	0.001	0.001	0.289	0.293	0.291	0.291	0.408	0.408
41A-n41A_UAT	Right side	0.002	0.004	0.024	0.008	0.072	0.089	0.002	0.001	0.030	0.016	0.081	0.079	0.097	0.096
	Left side	0.099	0.049	0.125	0.057	0.022	0.206	0.017	0.008	0.273	0.223	0.188	0.179	0.372	0.362
	Front side	0.143	0.095	0.110	0.096	0.121	0.428	0.006	0.012	0.348	0.339	0.365	0.372	0.672	0.679
	Back side	0.206	0.397	0.358	0.135	0.175	0.819	0.039	0.016	0.961	0.777	0.817	0.795	1.460	1.438
	Top side	0.001	0.027	0.189	0.068	0.081	0.385	0.010	0.009	0.217	0.106	0.120	0.118	0.423	0.421
41A-n41A_LAT	Bottom side	0.253	0.004	0.001	0.004	0.002	0.118	0.001	0.001	0.258	0.263	0.260	0.260	0.377	0.377
	Right side	0.002	0.013	0.024	0.008	0.072	0.089	0.002	0.001	0.039	0.025	0.089	0.088	0.106	0.105
	Left side	0.099	0.005	0.125	0.057	0.022	0.206	0.017	0.008	0.229	0.178	0.143	0.134	0.327	0.318
	Front side	0.148	0.084	0.110	0.096	0.121	0.428	0.006	0.012	0.343	0.334	0.359	0.366	0.666	0.673
	Back side	0.206	0.217	0.358	0.135	0.175	0.819	0.039	0.016	0.781	0.597	0.637	0.615	1.281	1.259
41A-n41A_LAT	Top side	0.001	0.006	0.189	0.068	0.081	0.385	0.010	0.009	0.195	0.085	0.096	0.097	0.401	0.400
	Bottom side	0.267	0.004	0.001	0.004	0.002	0.118	0.001	0.001	0.272	0.276	0.274	0.274	0.390	0.390
	Right side	0.002	0.013	0.024	0.008	0.072	0.089	0.002	0.001	0.039	0.025	0.090	0.089	0.107	0.105
	Left side	0.106	0.025	0.125	0.057	0.022	0.206	0.017	0.008	0.256	0.206	0.171	0.162	0.355	0.346
	Front side	0.148	0.032	0.110	0.096	0.121	0.428	0.006	0.012	0.290	0.281	0.307	0.314	0.614	0.621
41A-n41A_LAT	Back side	0.206	0.507	0.358	0.135	0.175	0.819	0.039	0.016	1.071	0.887	0.927	0.905	1.571	1.549
	Top side	0.001	0.005	0.189	0.068	0.081	0.385	0.010	0.009	0.194	0.084	0.097	0.095	0.400	0.399
	Bottom side	0.267	0.134	0.001	0.004	0.002	0.118	0.001	0.001	0.401	0.406	0.403	0.403	0.520	0.520
	Right side	0.002	0.025	0.024	0.008	0.072	0.089	0.002	0.001	0.051	0.037	0.101	0.100	0.118	0.117
	Left side	0.106	0.059	0.125	0.057	0.022	0.206	0.017	0.008	0.290	0.240	0.205	0.195	0.389	0.379

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### Camera\_Body-worn

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN															
WWAN	Exposure position 1g(V/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n6A	Front side	0.219	0.105	0.025	0.004	0.056	0.081	0.003	0.016	0.349	0.331	0.382	0.396	0.408	0.421
	Back side	0.229	0.073	0.076	0.115	0.552	0.395	0.017	0.169	0.378	0.435	0.872	1.024	0.714	0.866
2A-n71A	Front side	0.219	0.031	0.025	0.004	0.056	0.081	0.003	0.016	0.275	0.257	0.308	0.322	0.333	0.347
	Back side	0.229	0.017	0.076	0.115	0.552	0.395	0.017	0.169	0.322	0.379	0.816	0.967	0.658	0.810
5A_UAT-n2A	Front side	0.156	0.124	0.025	0.004	0.056	0.081	0.003	0.016	0.305	0.287	0.338	0.352	0.364	0.377
	Back side	0.123	0.151	0.076	0.115	0.552	0.395	0.017	0.169	0.349	0.406	0.843	0.995	0.685	0.837
5A_LAT-n2A	Front side	0.151	0.124	0.025	0.004	0.056	0.081	0.003	0.016	0.300	0.282	0.334	0.347	0.359	0.372
	Back side	0.145	0.151	0.076	0.115	0.552	0.395	0.017	0.169	0.372	0.428	0.865	1.017	0.707	0.859
5A_UAT-n66A	Front side	0.156	0.135	0.025	0.004	0.056	0.081	0.003	0.016	0.316	0.298	0.349	0.363	0.375	0.388
	Back side	0.123	0.268	0.076	0.115	0.552	0.395	0.017	0.169	0.467	0.524	0.961	1.113	0.803	0.955
5A_LAT-n66A	Front side	0.151	0.135	0.025	0.004	0.056	0.081	0.003	0.016	0.311	0.293	0.344	0.358	0.370	0.383
	Back side	0.145	0.268	0.076	0.115	0.552	0.395	0.017	0.169	0.489	0.546	0.983	1.135	0.825	0.977
41A-n41A_UAT	Front side	0.124	0.084	0.025	0.004	0.056	0.081	0.003	0.016	0.233	0.215	0.266	0.280	0.292	0.305
	Back side	0.164	0.217	0.076	0.115	0.552	0.395	0.017	0.169	0.457	0.513	0.950	1.102	0.793	0.944
41A-n41A_LAT	Front side	0.124	0.018	0.025	0.004	0.056	0.081	0.003	0.016	0.167	0.148	0.200	0.214	0.225	0.239
	Back side	0.164	0.348	0.076	0.115	0.552	0.395	0.017	0.169	0.588	0.645	1.082	1.234	0.924	1.076

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### Camera\_Hotspot

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.088	0.027	0.122	0.083	0.006	0.026	0.412	0.357	0.452	0.473	0.413	0.433
	Back side	0.229	0.073	0.225	0.076	0.733	0.769	0.087	0.076	0.527	0.466	1.122	1.111	1.158	1.147
	Top side	0.001	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.183	0.076	0.222	0.151	0.078	0.006
	Bottom side	0.575	0.010	0.002	0.024	0.001	0.154	0.001	0.020	0.587	0.610	0.587	0.606	0.740	0.759
	Right side	0.005	0.001	0.005	0.005	0.031	0.087	0.003	0.004	0.012	0.015	0.041	0.042	0.057	0.098
2A-n71A	Front side	0.109	0.001	0.071	0.020	0.112	0.020	0.058	0.016	0.182	0.189	0.281	0.239	0.189	0.147
	Back side	0.219	0.031	0.088	0.027	0.122	0.083	0.006	0.026	0.338	0.282	0.378	0.398	0.339	0.359
	Top side	0.001	0.002	0.181	0.001	0.147	0.003	0.072	0.001	0.184	0.077	0.223	0.152	0.079	0.007
	Bottom side	0.575	0.005	0.002	0.024	0.001	0.154	0.001	0.020	0.582	0.605	0.582	0.601	0.735	0.754
	Right side	0.005	0.007	0.005	0.005	0.031	0.087	0.003	0.004	0.018	0.021	0.047	0.048	0.103	0.103
5A_UAT-n2A	Front side	0.156	0.124	0.088	0.027	0.122	0.083	0.006	0.026	0.368	0.313	0.408	0.429	0.369	0.389
	Back side	0.123	0.151	0.225	0.076	0.733	0.769	0.087	0.076	0.498	0.437	1.093	1.082	1.129	1.118
	Top side	0.100	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.282	0.175	0.321	0.250	0.177	0.105
	Bottom side	0.001	0.520	0.002	0.024	0.001	0.154	0.001	0.020	0.523	0.546	0.523	0.542	0.676	0.695
	Right side	0.064	0.035	0.005	0.005	0.031	0.087	0.003	0.004	0.104	0.107	0.133	0.134	0.189	0.189
5A_LAT-n2A	Front side	0.151	0.124	0.088	0.027	0.122	0.083	0.006	0.026	0.363	0.308	0.403	0.424	0.364	0.384
	Back side	0.145	0.151	0.225	0.076	0.733	0.769	0.087	0.076	0.520	0.459	1.115	1.104	1.151	1.140
	Top side	0.002	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.184	0.077	0.223	0.151	0.078	0.007
	Bottom side	0.132	0.520	0.002	0.024	0.001	0.154	0.001	0.020	0.654	0.677	0.654	0.673	0.806	0.825
	Right side	0.107	0.035	0.005	0.005	0.031	0.087	0.003	0.004	0.147	0.150	0.176	0.177	0.232	0.233
5A_UAT-n66A	Front side	0.156	0.135	0.088	0.027	0.122	0.083	0.006	0.026	0.379	0.323	0.419	0.439	0.380	0.400
	Back side	0.123	0.268	0.225	0.076	0.733	0.769	0.087	0.076	0.616	0.555	1.211	1.200	1.247	1.236
	Top side	0.100	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.283	0.175	0.321	0.250	0.177	0.105
	Bottom side	0.001	0.594	0.002	0.024	0.001	0.154	0.001	0.020	0.598	0.621	0.598	0.617	0.750	0.769
	Right side	0.064	0.005	0.005	0.005	0.031	0.087	0.003	0.004	0.075	0.077	0.104	0.104	0.160	0.160
5A_LAT-n66A	Front side	0.151	0.135	0.088	0.027	0.122	0.083	0.006	0.026	0.374	0.318	0.414	0.435	0.375	0.395
	Back side	0.145	0.268	0.225	0.076	0.733	0.769	0.087	0.076	0.638	0.577	1.233	1.222	1.269	1.258
	Top side	0.002	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.184	0.077	0.223	0.151	0.079	0.007
	Bottom side	0.132	0.594	0.002	0.024	0.001	0.154	0.001	0.020	0.728	0.751	0.728	0.747	0.881	0.900
	Right side	0.107	0.005	0.005	0.005	0.031	0.087	0.003	0.004	0.118	0.121	0.147	0.148	0.203	0.204
41A-n41A_UAT	Front side	0.124	0.084	0.088	0.027	0.122	0.083	0.006	0.026	0.296	0.240	0.336	0.357	0.297	0.317
	Back side	0.164	0.217	0.225	0.076	0.733	0.769	0.087	0.076	0.605	0.544	1.201	1.189	1.237	1.225
	Top side	0.001	0.006	0.181	0.001	0.147	0.003	0.072	0.001	0.188	0.080	0.227	0.155	0.082	0.011
	Bottom side	0.213	0.004	0.002	0.024	0.001	0.154	0.001	0.020	0.219	0.242	0.219	0.239	0.372	0.391
	Right side	0.001	0.013	0.005	0.005	0.031	0.087	0.003	0.004	0.020	0.023	0.049	0.050	0.105	0.106
41A-n41A_LAT	Front side	0.087	0.025	0.071	0.020	0.112	0.020	0.058	0.016	0.183	0.190	0.282	0.241	0.190	0.148
	Back side	0.124	0.018	0.088	0.027	0.122	0.083	0.006	0.026	0.230	0.174	0.270	0.290	0.231	0.251
	Top side	0.001	0.003	0.181	0.001	0.147	0.003	0.072	0.001	0.185	0.077	0.223	0.152	0.079	0.008
	Bottom side	0.213	0.088	0.002	0.024	0.001	0.154	0.001	0.020	0.303	0.326	0.303	0.322	0.456	0.475
	Right side	0.001	0.011	0.005	0.005	0.031	0.087	0.003	0.004	0.017	0.020	0.047	0.047	0.102	0.103
Left side	0.087	0.034	0.071	0.020	0.112	0.020	0.058	0.016	0.193	0.199	0.292	0.250	0.199	0.158	

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### Normal\_Landscape\_Body

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.046	0.004	0.082	0.081	0.002	0.016	0.370	0.330	0.408	0.422	0.407	0.421
	Back side	0.229	0.073	0.164	0.115	0.126	0.395	0.014	0.169	0.466	0.431	0.442	0.597	0.711	0.866
2A-n71A	Front side	0.219	0.031	0.046	0.004	0.082	0.081	0.002	0.016	0.296	0.256	0.334	0.348	0.333	0.347
	Back side	0.229	0.017	0.164	0.115	0.126	0.395	0.014	0.169	0.410	0.375	0.386	0.541	0.655	0.810
5A_UAT-n2A	Front side	0.209	0.124	0.046	0.004	0.082	0.081	0.002	0.016	0.380	0.340	0.417	0.431	0.416	0.430
	Back side	0.164	0.151	0.164	0.115	0.126	0.395	0.014	0.169	0.479	0.444	0.454	0.609	0.723	0.878
5A_LAT-n2A	Front side	0.190	0.124	0.046	0.004	0.082	0.081	0.002	0.016	0.360	0.320	0.398	0.412	0.397	0.411
	Back side	0.183	0.151	0.164	0.115	0.126	0.395	0.014	0.169	0.497	0.462	0.473	0.628	0.742	0.897
5A_UAT-n66A	Front side	0.209	0.135	0.046	0.004	0.082	0.081	0.002	0.016	0.390	0.350	0.428	0.442	0.427	0.441
	Back side	0.164	0.268	0.164	0.115	0.126	0.395	0.014	0.169	0.597	0.562	0.572	0.727	0.841	0.996
5A_LAT-n66A	Front side	0.190	0.135	0.046	0.004	0.082	0.081	0.002	0.016	0.371	0.331	0.409	0.423	0.408	0.422
	Back side	0.183	0.268	0.164	0.115	0.126	0.395	0.014	0.169	0.615	0.580	0.591	0.746	0.860	1.015
41A-n41A_UAT	Front side	0.171	0.084	0.046	0.004	0.082	0.081	0.002	0.016	0.300	0.260	0.338	0.352	0.337	0.351
	Back side	0.235	0.217	0.164	0.115	0.126	0.395	0.014	0.169	0.616	0.581	0.591	0.747	0.860	1.016
41A-n41A_LAT	Front side	0.171	0.032	0.046	0.004	0.082	0.081	0.002	0.016	0.248	0.208	0.286	0.300	0.285	0.299
	Back side	0.235	0.507	0.164	0.115	0.126	0.395	0.014	0.169	0.906	0.871	0.881	1.037	1.150	1.306

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### Normal\_Landscape\_Hotspot

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.110	0.027	0.121	0.083	0.006	0.026	0.435	0.357	0.451	0.472	0.413	0.433
	Back side	0.229	0.073	0.358	0.076	0.175	0.769	0.039	0.076	0.660	0.417	0.516	0.553	1.109	1.147
	Top side	0.001	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.191	0.013	0.093	0.085	0.015	0.006
	Bottom side	0.575	0.010	0.001	0.024	0.002	0.154	0.001	0.020	0.586	0.610	0.588	0.607	0.740	0.759
	Right side	0.005	0.001	0.024	0.005	0.072	0.087	0.002	0.004	0.031	0.014	0.081	0.083	0.096	0.098
	Left side	0.109	0.001	0.125	0.020	0.022	0.020	0.017	0.016	0.236	0.148	0.151	0.149	0.148	0.147
2A-n71A	Front side	0.219	0.031	0.110	0.027	0.121	0.083	0.006	0.026	0.360	0.282	0.377	0.397	0.339	0.359
	Back side	0.229	0.017	0.358	0.076	0.175	0.769	0.039	0.076	0.604	0.361	0.460	0.497	1.053	1.090
	Top side	0.001	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.192	0.014	0.094	0.086	0.016	0.007
	Bottom side	0.575	0.005	0.001	0.024	0.002	0.154	0.001	0.020	0.581	0.605	0.583	0.602	0.735	0.754
	Right side	0.005	0.007	0.024	0.005	0.072	0.087	0.002	0.004	0.037	0.020	0.087	0.089	0.102	0.103
	Left side	0.109	0.004	0.125	0.020	0.022	0.020	0.017	0.016	0.238	0.150	0.153	0.151	0.150	0.149
5A_UAT-n2A	Front side	0.209	0.124	0.110	0.027	0.121	0.083	0.006	0.026	0.444	0.366	0.461	0.481	0.422	0.443
	Back side	0.164	0.151	0.358	0.076	0.175	0.769	0.039	0.076	0.673	0.429	0.529	0.566	1.122	1.159
	Top side	0.143	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.333	0.155	0.235	0.227	0.157	0.148
	Bottom side	0.001	0.520	0.001	0.024	0.002	0.154	0.001	0.020	0.522	0.546	0.524	0.543	0.676	0.695
	Right side	0.084	0.035	0.024	0.005	0.072	0.087	0.002	0.004	0.143	0.126	0.193	0.195	0.208	0.210
	Left side	0.063	0.080	0.125	0.020	0.022	0.020	0.017	0.016	0.268	0.180	0.182	0.181	0.150	0.179
5A_LAT-n2A	Front side	0.190	0.124	0.110	0.027	0.121	0.083	0.006	0.026	0.424	0.346	0.441	0.461	0.403	0.423
	Back side	0.183	0.151	0.358	0.076	0.175	0.769	0.039	0.076	0.691	0.448	0.547	0.584	1.141	1.178
	Top side	0.002	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.192	0.014	0.094	0.085	0.016	0.007
	Bottom side	0.167	0.520	0.001	0.024	0.002	0.154	0.001	0.020	0.688	0.712	0.690	0.709	0.841	0.861
	Right side	0.132	0.035	0.024	0.005	0.072	0.087	0.002	0.004	0.190	0.173	0.241	0.242	0.255	0.257
	Left side	0.028	0.080	0.125	0.020	0.022	0.020	0.017	0.016	0.233	0.145	0.147	0.146	0.145	0.144
5A_UAT-n6A	Front side	0.209	0.135	0.110	0.027	0.121	0.083	0.006	0.026	0.455	0.377	0.472	0.492	0.433	0.454
	Back side	0.164	0.268	0.358	0.076	0.175	0.769	0.039	0.076	0.790	0.547	0.647	0.684	1.240	1.277
	Top side	0.143	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.333	0.155	0.235	0.227	0.157	0.148
	Bottom side	0.001	0.594	0.001	0.024	0.002	0.154	0.001	0.020	0.596	0.621	0.599	0.618	0.750	0.769
	Right side	0.084	0.005	0.024	0.005	0.072	0.087	0.002	0.004	0.114	0.096	0.164	0.166	0.179	0.180
	Left side	0.063	0.074	0.125	0.020	0.022	0.020	0.017	0.016	0.263	0.175	0.177	0.176	0.175	0.174
5A_LAT-n6A	Front side	0.190	0.135	0.110	0.027	0.121	0.083	0.006	0.026	0.435	0.357	0.452	0.472	0.414	0.434
	Back side	0.183	0.268	0.358	0.076	0.175	0.769	0.039	0.076	0.809	0.566	0.665	0.702	1.258	1.296
	Top side	0.002	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.192	0.014	0.094	0.086	0.016	0.007
	Bottom side	0.167	0.594	0.001	0.024	0.002	0.154	0.001	0.020	0.762	0.786	0.764	0.784	0.916	0.935
	Right side	0.132	0.005	0.024	0.005	0.072	0.087	0.002	0.004	0.161	0.144	0.212	0.213	0.226	0.228
	Left side	0.028	0.074	0.125	0.020	0.022	0.020	0.017	0.016	0.227	0.140	0.142	0.141	0.140	0.138
41A-n41A_UAT	Front side	0.171	0.084	0.110	0.027	0.121	0.083	0.006	0.026	0.365	0.287	0.382	0.402	0.343	0.364
	Back side	0.235	0.217	0.358	0.076	0.175	0.769	0.039	0.076	0.810	0.567	0.666	0.703	1.259	1.296
	Top side	0.001	0.006	0.189	0.001	0.081	0.003	0.010	0.001	0.195	0.018	0.098	0.089	0.020	0.011
	Bottom side	0.296	0.004	0.001	0.024	0.002	0.154	0.001	0.020	0.301	0.325	0.303	0.322	0.455	0.474
	Right side	0.002	0.013	0.024	0.005	0.072	0.087	0.002	0.004	0.039	0.022	0.090	0.091	0.104	0.106
	Left side	0.123	0.025	0.125	0.020	0.022	0.020	0.017	0.016	0.273	0.185	0.188	0.187	0.186	0.184
41A-n41A_LAT	Front side	0.171	0.032	0.110	0.027	0.121	0.083	0.006	0.026	0.312	0.234	0.329	0.349	0.291	0.311
	Back side	0.235	0.507	0.358	0.076	0.175	0.769	0.039	0.076	1.100	0.857	0.956	0.993	1.549	1.586
	Top side	0.001	0.005	0.189	0.001	0.081	0.003	0.010	0.001	0.194	0.017	0.097	0.088	0.019	0.010
	Bottom side	0.296	0.134	0.001	0.024	0.002	0.154	0.001	0.020	0.430	0.454	0.432	0.452	0.584	0.603
	Right side	0.002	0.025	0.024	0.005	0.072	0.087	0.002	0.004	0.051	0.034	0.101	0.103	0.116	0.118
	Left side	0.123	0.059	0.125	0.020	0.022	0.020	0.017	0.016	0.307	0.219	0.222	0.220	0.219	0.218

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### Gaming\_Body

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.046	0.004	0.082	0.083	0.002	0.016	0.370	0.330	0.408	0.422	0.410	0.423
	Back side	0.229	0.073	0.164	0.115	0.126	0.451	0.014	0.169	0.466	0.431	0.442	0.597	0.767	0.922
2A-n71A	Front side	0.219	0.031	0.046	0.004	0.082	0.083	0.002	0.016	0.296	0.256	0.334	0.348	0.335	0.349
	Back side	0.229	0.017	0.164	0.115	0.126	0.451	0.014	0.169	0.410	0.375	0.386	0.541	0.711	0.866
5A_UAT-n2A	Front side	0.156	0.124	0.046	0.004	0.082	0.083	0.002	0.016	0.326	0.286	0.364	0.378	0.366	0.379
	Back side	0.123	0.151	0.164	0.115	0.126	0.451	0.014	0.169	0.437	0.402	0.413	0.568	0.738	0.893
5A_LAT-n2A	Front side	0.208	0.124	0.046	0.004	0.082	0.083	0.002	0.016	0.378	0.338	0.416	0.430	0.417	0.431
	Back side	0.203	0.151	0.164	0.115	0.126	0.451	0.014	0.169	0.517	0.483	0.493	0.648	0.818	0.973
5A_UAT-n66A	Front side	0.156	0.135	0.046	0.004	0.082	0.083	0.002	0.016	0.337	0.297	0.375	0.389	0.376	0.390
	Back side	0.123	0.268	0.164	0.115	0.126	0.451	0.014	0.169	0.555	0.520	0.531	0.686	0.856	1.011
5A_LAT-n66A	Front side	0.208	0.135	0.046	0.004	0.082	0.083	0.002	0.016	0.389	0.349	0.427	0.441	0.428	0.442
	Back side	0.203	0.268	0.164	0.115	0.126	0.451	0.014	0.169	0.635	0.600	0.611	0.766	0.936	1.091
41A-n41A_UAT	Front side	0.148	0.084	0.046	0.004	0.082	0.083	0.002	0.016	0.278	0.238	0.316	0.330	0.318	0.331
	Back side	0.206	0.217	0.164	0.115	0.126	0.451	0.014	0.169	0.587	0.552	0.563	0.718	0.888	1.043
41A-n41A_LAT	Front side	0.148	0.023	0.046	0.004	0.082	0.083	0.002	0.016	0.217	0.177	0.255	0.269	0.256	0.270
	Back side	0.206	0.436	0.164	0.115	0.126	0.451	0.014	0.169	0.806	0.772	0.782	0.937	1.107	1.262

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### Gaming\_Hotspot

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.110	0.027	0.121	0.122	0.006	0.026	0.435	0.357	0.451	0.472	0.452	0.472
	Back side	0.229	0.073	0.358	0.076	0.175	0.601	0.039	0.076	0.660	0.417	0.516	0.553	0.942	0.979
	Top side	0.001	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.191	0.013	0.093	0.085	0.041	0.032
	Bottom side	0.575	0.010	0.001	0.024	0.002	0.024	0.001	0.020	0.586	0.610	0.588	0.607	0.610	0.629
	Right side	0.005	0.001	0.024	0.005	0.072	0.090	0.002	0.004	0.031	0.014	0.081	0.083	0.099	0.100
	Left side	0.109	0.001	0.125	0.020	0.022	0.003	0.017	0.016	0.236	0.148	0.151	0.149	0.132	0.130
2A-n71A	Front side	0.219	0.031	0.110	0.027	0.121	0.122	0.006	0.026	0.360	0.282	0.377	0.397	0.378	0.398
	Back side	0.229	0.017	0.358	0.076	0.175	0.601	0.039	0.076	0.604	0.361	0.460	0.497	0.886	0.923
	Top side	0.001	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.014	0.094	0.086	0.042	0.033
	Bottom side	0.575	0.005	0.001	0.024	0.002	0.024	0.001	0.020	0.581	0.605	0.583	0.602	0.605	0.624
	Right side	0.005	0.007	0.024	0.005	0.072	0.090	0.002	0.004	0.037	0.020	0.087	0.089	0.104	0.106
	Left side	0.109	0.004	0.125	0.020	0.022	0.003	0.017	0.016	0.238	0.150	0.153	0.151	0.134	0.133
5A_UAT-n2A	Front side	0.156	0.124	0.110	0.027	0.121	0.122	0.006	0.026	0.391	0.313	0.407	0.428	0.408	0.428
	Back side	0.123	0.151	0.358	0.076	0.175	0.601	0.039	0.076	0.631	0.388	0.487	0.524	0.913	0.950
	Top side	0.100	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.290	0.112	0.193	0.184	0.140	0.131
	Bottom side	0.001	0.520	0.001	0.024	0.002	0.024	0.001	0.020	0.522	0.546	0.524	0.543	0.546	0.565
	Right side	0.064	0.035	0.024	0.005	0.072	0.090	0.002	0.004	0.123	0.105	0.173	0.175	0.190	0.192
	Left side	0.048	0.080	0.125	0.020	0.022	0.003	0.017	0.016	0.252	0.164	0.167	0.166	0.148	0.147
5A_LAT-n2A	Front side	0.208	0.124	0.110	0.027	0.121	0.122	0.006	0.026	0.442	0.364	0.459	0.479	0.460	0.480
	Back side	0.203	0.151	0.358	0.076	0.175	0.601	0.039	0.076	0.711	0.468	0.567	0.604	0.993	1.030
	Top side	0.002	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.014	0.095	0.086	0.042	0.033
	Bottom side	0.186	0.520	0.001	0.024	0.002	0.024	0.001	0.020	0.707	0.731	0.709	0.728	0.731	0.750
	Right side	0.146	0.035	0.024	0.005	0.072	0.090	0.002	0.004	0.205	0.188	0.256	0.257	0.273	0.274
	Left side	0.031	0.080	0.125	0.020	0.022	0.003	0.017	0.016	0.236	0.148	0.151	0.149	0.132	0.130
5A_UAT-n66A	Front side	0.156	0.135	0.110	0.027	0.121	0.122	0.006	0.026	0.401	0.324	0.418	0.438	0.419	0.439
	Back side	0.123	0.268	0.358	0.076	0.175	0.601	0.039	0.076	0.749	0.506	0.605	0.642	1.031	1.068
	Top side	0.100	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.290	0.112	0.193	0.184	0.140	0.131
	Bottom side	0.001	0.594	0.001	0.024	0.002	0.024	0.001	0.020	0.596	0.620	0.599	0.618	0.620	0.640
	Right side	0.064	0.005	0.024	0.005	0.072	0.090	0.002	0.004	0.094	0.076	0.144	0.146	0.161	0.163
	Left side	0.048	0.074	0.125	0.020	0.022	0.003	0.017	0.016	0.247	0.159	0.162	0.160	0.143	0.141
5A_LAT-n66A	Front side	0.208	0.135	0.110	0.027	0.121	0.122	0.006	0.026	0.453	0.375	0.470	0.490	0.471	0.491
	Back side	0.203	0.268	0.358	0.076	0.175	0.601	0.039	0.076	0.829	0.586	0.685	0.722	1.111	1.148
	Top side	0.002	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.014	0.095	0.086	0.042	0.033
	Bottom side	0.186	0.594	0.001	0.024	0.002	0.024	0.001	0.020	0.781	0.805	0.783	0.803	0.805	0.824
	Right side	0.146	0.005	0.024	0.005	0.072	0.090	0.002	0.004	0.176	0.159	0.226	0.228	0.243	0.245
	Left side	0.031	0.074	0.125	0.020	0.022	0.003	0.017	0.016	0.231	0.143	0.145	0.144	0.126	0.125
41A-n41A_UAT	Front side	0.148	0.084	0.110	0.027	0.121	0.122	0.006	0.026	0.343	0.265	0.359	0.380	0.360	0.380
	Back side	0.206	0.217	0.358	0.076	0.175	0.601	0.039	0.076	0.781	0.538	0.637	0.674	1.063	1.100
	Top side	0.001	0.006	0.189	0.001	0.081	0.029	0.010	0.001	0.195	0.018	0.098	0.089	0.045	0.036
	Bottom side	0.267	0.004	0.001	0.024	0.002	0.024	0.001	0.020	0.272	0.296	0.274	0.293	0.296	0.315
	Right side	0.002	0.013	0.024	0.005	0.072	0.090	0.002	0.004	0.039	0.022	0.090	0.091	0.107	0.108
	Left side	0.106	0.025	0.125	0.020	0.022	0.003	0.017	0.016	0.256	0.169	0.171	0.170	0.152	0.151
41A-n41A_LAT	Front side	0.148	0.023	0.110	0.027	0.121	0.122	0.006	0.026	0.282	0.204	0.298	0.319	0.299	0.319
	Back side	0.206	0.436	0.358	0.076	0.175	0.601	0.039	0.076	1.000	0.757	0.857	0.894	1.289	1.319
	Top side	0.001	0.003	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.015	0.095	0.086	0.042	0.033
	Bottom side	0.267	0.108	0.001	0.024	0.002	0.024	0.001	0.020	0.376	0.400	0.378	0.397	0.400	0.419
	Right side	0.002	0.018	0.024	0.005	0.072	0.090	0.002	0.004	0.045	0.027	0.095	0.097	0.112	0.114
	Left side	0.106	0.047	0.125	0.020	0.022	0.003	0.017	0.016	0.278	0.190	0.193	0.191	0.174	0.172

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## ENDC+MIMO\_Head+Body Calling\_Head

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n5A	ReCheek	0.045	0.022	0.225	0.196	0.252	0.175	0.195	0.050	0.488	0.543	0.466	0.709	0.564	0.632	0.488	0.688	0.543	0.914
	ReTilt	0.029	0.012	0.103	0.060	0.132	0.072	0.073	0.023	0.204	0.276	0.216	0.307	0.257	0.247	0.197	0.319	0.269	0.409
	LeCheek	0.071	0.016	0.466	0.082	0.466	0.093	0.235	0.030	0.636	1.020	0.646	0.871	0.665	0.497	0.291	0.881	0.676	1.194
2A-n71A	ReCheek	0.045	0.012	0.225	0.196	0.252	0.175	0.195	0.050	0.478	0.533	0.456	0.699	0.555	0.623	0.478	0.678	0.533	0.904
	ReTilt	0.029	0.007	0.103	0.060	0.132	0.072	0.073	0.023	0.200	0.271	0.212	0.302	0.252	0.242	0.192	0.314	0.264	0.404
	LeCheek	0.071	0.009	0.466	0.082	0.466	0.093	0.235	0.030	0.628	1.012	0.639	0.863	0.657	0.490	0.284	0.874	0.668	1.187
5A_UAT-n2A	ReCheek	0.358	0.036	0.225	0.196	0.252	0.175	0.195	0.050	0.814	0.870	0.793	1.036	0.891	0.959	0.815	1.015	0.870	1.241
	ReTilt	0.232	0.019	0.103	0.060	0.132	0.072	0.073	0.023	0.414	0.486	0.426	0.516	0.467	0.456	0.407	0.528	0.479	0.619
	LeCheek	0.248	0.027	0.466	0.082	0.466	0.093	0.235	0.030	0.823	1.207	0.834	1.058	0.853	0.685	0.479	1.069	0.863	1.382
5A_LAT-n2A	ReCheek	0.141	0.036	0.225	0.196	0.252	0.175	0.195	0.050	0.597	0.653	0.576	0.819	0.674	0.742	0.597	0.798	0.653	1.023
	ReTilt	0.082	0.019	0.103	0.060	0.132	0.072	0.073	0.023	0.264	0.336	0.276	0.366	0.317	0.306	0.257	0.378	0.328	0.469
	LeCheek	0.092	0.027	0.466	0.082	0.466	0.093	0.235	0.030	0.667	1.051	0.678	0.902	0.697	0.529	0.323	0.913	0.707	1.226
5A_UAT-n66A	ReCheek	0.358	0.036	0.225	0.196	0.252	0.175	0.195	0.050	0.815	0.871	0.794	1.037	0.892	0.960	0.815	1.016	0.871	1.241
	ReTilt	0.232	0.025	0.103	0.060	0.132	0.072	0.073	0.023	0.421	0.492	0.433	0.523	0.473	0.463	0.413	0.535	0.485	0.625
	LeCheek	0.248	0.034	0.466	0.082	0.466	0.093	0.235	0.030	0.830	1.214	0.841	1.065	0.859	0.691	0.486	1.076	0.870	1.388
5A_LAT-n66A	ReCheek	0.141	0.036	0.225	0.196	0.252	0.175	0.195	0.050	0.598	0.653	0.576	0.819	0.675	0.743	0.598	0.798	0.653	1.024
	ReTilt	0.082	0.025	0.103	0.060	0.132	0.072	0.073	0.023	0.270	0.342	0.282	0.373	0.323	0.313	0.263	0.385	0.335	0.475
	LeCheek	0.092	0.034	0.466	0.082	0.466	0.093	0.235	0.030	0.674	1.058	0.685	0.909	0.703	0.535	0.330	0.920	0.714	1.232
41A-n41A_UAT	ReCheek	0.148	0.048	0.225	0.196	0.252	0.175	0.195	0.050	0.617	0.673	0.596	0.839	0.694	0.762	0.618	0.818	0.673	1.044
	ReTilt	0.090	0.023	0.103	0.060	0.132	0.072	0.073	0.023	0.277	0.349	0.289	0.379	0.330	0.319	0.270	0.391	0.342	0.482
	LeCheek	0.180	0.013	0.466	0.082	0.466	0.093	0.235	0.030	0.741	1.125	0.752	0.976	0.770	0.602	0.397	0.987	0.781	1.299
41A-n41A_LAT	ReCheek	0.148	0.010	0.225	0.196	0.252	0.175	0.195	0.050	0.579	0.634	0.557	0.800	0.655	0.723	0.579	0.779	0.634	1.005
	ReTilt	0.090	0.005	0.103	0.060	0.132	0.072	0.073	0.023	0.259	0.330	0.270	0.361	0.311	0.301	0.251	0.373	0.323	0.463
	LeCheek	0.180	0.006	0.466	0.082	0.466	0.093	0.235	0.030	0.733	1.118	0.744	0.968	0.763	0.595	0.389	0.979	0.774	1.292

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### Calling\_Body-worn

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n5A	Front side	0.219	0.105	0.020	0.005	0.061	0.093	0.002	0.001	0.350	0.406	0.438	0.393	0.392	0.425	0.424	0.481	0.480	0.504
	Back side	0.229	0.073	0.075	0.028	0.080	0.219	0.014	0.003	0.405	0.457	0.596	0.424	0.414	0.563	0.553	0.615	0.604	0.704
2A-n71A	Front side	0.219	0.031	0.020	0.005	0.061	0.093	0.002	0.001	0.276	0.332	0.364	0.319	0.318	0.350	0.349	0.407	0.406	0.430
	Back side	0.229	0.017	0.075	0.028	0.080	0.219	0.014	0.003	0.349	0.401	0.540	0.368	0.358	0.507	0.497	0.559	0.548	0.648
5A_UAT-n2A	Front side	0.249	0.124	0.020	0.005	0.061	0.093	0.002	0.001	0.399	0.455	0.487	0.442	0.441	0.474	0.472	0.530	0.529	0.553
	Back side	0.192	0.151	0.075	0.028	0.080	0.219	0.014	0.003	0.446	0.497	0.636	0.464	0.454	0.604	0.593	0.655	0.645	0.744
5A_LAT-n2A	Front side	0.208	0.124	0.020	0.005	0.061	0.093	0.002	0.001	0.358	0.414	0.446	0.401	0.400	0.432	0.431	0.489	0.488	0.512
	Back side	0.203	0.151	0.075	0.028	0.080	0.219	0.014	0.003	0.456	0.508	0.647	0.475	0.465	0.615	0.604	0.666	0.655	0.755
5A_UAT-n66A	Front side	0.249	0.135	0.020	0.005	0.061	0.093	0.002	0.001	0.410	0.466	0.498	0.453	0.452	0.484	0.483	0.541	0.540	0.564
	Back side	0.192	0.268	0.075	0.028	0.080	0.219	0.014	0.003	0.564	0.615	0.754	0.582	0.572	0.722	0.711	0.773	0.763	0.862
5A_LAT-n66A	Front side	0.208	0.135	0.020	0.005	0.061	0.093	0.002	0.001	0.369	0.425	0.457	0.412	0.411	0.443	0.442	0.500	0.499	0.523
	Back side	0.203	0.268	0.075	0.028	0.080	0.219	0.014	0.003	0.574	0.626	0.765	0.593	0.583	0.732	0.722	0.784	0.773	0.873
41A-n41A_UAT	Front side	0.148	0.084	0.020	0.005	0.061	0.093	0.002	0.001	0.258	0.314	0.346	0.301	0.300	0.333	0.332	0.389	0.388	0.413
	Back side	0.206	0.217	0.075	0.028	0.080	0.219	0.014	0.003	0.526	0.578	0.717	0.545	0.535	0.684	0.674	0.736	0.725	0.825
41A-n41A_LAT	Front side	0.148	0.032	0.020	0.005	0.061	0.093	0.002	0.001	0.206	0.262	0.293	0.249	0.248	0.280	0.279	0.336	0.335	0.360
	Back side	0.206	0.507	0.075	0.028	0.080	0.219	0.014	0.003	0.816	0.868	1.007	0.835	0.825	0.974	0.964	1.026	1.015	1.115

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### Calling\_Hotspot

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN

WWAN	Exposure position (g/W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n7A	Front side	0.219	0.105	0.050	0.043	0.069	0.224	0.006	0.012	0.417	0.443	0.558	0.442	0.449	0.597	0.604	0.623	0.630	0.710
	Back side	0.229	0.073	0.154	0.062	0.114	0.466	0.039	0.016	0.519	0.570	0.923	0.517	0.495	0.870	0.847	0.921	0.899	0.959
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.372
	Bottom side	0.575	0.010	0.001	0.001	0.002	0.055	0.001	0.001	0.587	0.588	0.641	0.589	0.589	0.642	0.642	0.643	0.643	0.644
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.037	0.025	0.108
2A-n71A	Front side	0.219	0.031	0.050	0.043	0.069	0.224	0.006	0.012	0.417	0.443	0.558	0.442	0.449	0.597	0.604	0.623	0.630	0.710
	Back side	0.229	0.017	0.154	0.062	0.114	0.466	0.039	0.016	0.463	0.514	0.867	0.461	0.439	0.813	0.791	0.885	0.843	0.943
	Top side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.289	0.096	0.095	0.247	0.245	0.268	0.267	0.373
	Bottom side	0.575	0.005	0.001	0.001	0.002	0.055	0.001	0.001	0.582	0.583	0.636	0.584	0.584	0.637	0.637	0.638	0.638	0.639
	Right side	0.005	0.007	0.010	0.003	0.043	0.044	0.002	0.001	0.026	0.066	0.067	0.061	0.060	0.062	0.061	0.102	0.101	0.114
5A_UAT-n2A	Front side	0.109	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.194	0.186	0.289	0.173	0.164	0.276	0.267	0.268	0.258	0.332
	Back side	0.249	0.124	0.050	0.043	0.069	0.224	0.006	0.012	0.466	0.492	0.647	0.491	0.488	0.646	0.633	0.672	0.678	0.759
	Top side	0.192	0.151	0.154	0.062	0.114	0.466	0.039	0.016	0.559	0.611	0.963	0.557	0.535	0.910	0.888	0.961	0.939	1.139
	Bottom side	0.157	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.272	0.293	0.444	0.251	0.250	0.401	0.400	0.423	0.422	0.527
	Right side	0.099	0.035	0.010	0.003	0.043	0.044	0.002	0.001	0.147	0.188	0.188	0.183	0.182	0.184	0.182	0.224	0.223	0.235
5A_LAT-n2A	Front side	0.076	0.080	0.056	0.026	0.017	0.120	0.017	0.008	0.237	0.229	0.331	0.216	0.206	0.319	0.309	0.310	0.301	0.374
	Back side	0.208	0.124	0.050	0.043	0.069	0.224	0.006	0.012	0.425	0.451	0.606	0.450	0.457	0.605	0.612	0.631	0.638	0.718
	Top side	0.002	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.118	0.139	0.290	0.097	0.095	0.247	0.246	0.269	0.267	0.373
	Bottom side	0.186	0.520	0.001	0.001	0.002	0.055	0.001	0.001	0.709	0.709	0.761	0.710	0.710	0.762	0.762	0.763	0.763	0.764
	Right side	0.146	0.035	0.010	0.003	0.043	0.044	0.002	0.001	0.194	0.235	0.235	0.230	0.228	0.231	0.229	0.271	0.269	0.282
5A_UAT-n6A	Front side	0.031	0.080	0.056	0.026	0.017	0.120	0.017	0.008	0.192	0.184	0.287	0.171	0.162	0.274	0.265	0.266	0.256	0.330
	Back side	0.249	0.135	0.050	0.043	0.069	0.224	0.006	0.012	0.477	0.503	0.658	0.502	0.508	0.657	0.664	0.683	0.690	0.770
	Top side	0.192	0.268	0.154	0.062	0.114	0.466	0.039	0.016	0.677	0.729	1.081	0.675	0.653	1.028	1.006	1.079	1.057	1.257
	Bottom side	0.001	0.594	0.001	0.001	0.002	0.055	0.001	0.001	0.597	0.598	0.651	0.599	0.599	0.652	0.652	0.653	0.653	0.654
	Right side	0.099	0.005	0.010	0.003	0.043	0.044	0.002	0.001	0.118	0.158	0.159	0.154	0.152	0.154	0.153	0.195	0.193	0.206
5A_LAT-n6A	Front side	0.076	0.074	0.056	0.026	0.017	0.120	0.017	0.008	0.232	0.223	0.326	0.210	0.201	0.313	0.304	0.305	0.296	0.369
	Back side	0.208	0.135	0.050	0.043	0.069	0.224	0.006	0.012	0.435	0.462	0.617	0.461	0.467	0.616	0.623	0.642	0.648	0.729
	Top side	0.002	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.118	0.139	0.290	0.097	0.095	0.247	0.246	0.269	0.267	0.373
	Bottom side	0.186	0.594	0.001	0.001	0.002	0.055	0.001	0.001	0.782	0.783	0.836	0.784	0.784	0.837	0.837	0.838	0.838	0.839
	Right side	0.146	0.005	0.010	0.003	0.043	0.044	0.002	0.001	0.195	0.205	0.206	0.201	0.199	0.201	0.200	0.242	0.240	0.253
41A-n11A_UAT	Front side	0.148	0.084	0.050	0.043	0.069	0.224	0.006	0.012	0.325	0.351	0.506	0.350	0.357	0.505	0.512	0.531	0.538	0.618
	Back side	0.206	0.217	0.154	0.062	0.114	0.466	0.039	0.016	0.640	0.691	1.044	0.638	0.616	0.990	0.988	1.042	1.020	1.220
	Top side	0.001	0.006	0.083	0.031	0.053	0.203	0.010	0.009	0.121	0.143	0.283	0.100	0.099	0.250	0.249	0.272	0.271	0.375
	Bottom side	0.267	0.004	0.001	0.001	0.002	0.055	0.001	0.001	0.273	0.274	0.327	0.275	0.275	0.328	0.328	0.329	0.329	0.330
	Right side	0.002	0.013	0.010	0.003	0.043	0.044	0.002	0.001	0.029	0.069	0.070	0.064	0.063	0.065	0.064	0.105	0.104	0.116
41A-n11A_LAT	Front side	0.106	0.025	0.056	0.026	0.017	0.120	0.017	0.008	0.213	0.204	0.307	0.191	0.182	0.294	0.285	0.286	0.277	0.350
	Back side	0.148	0.032	0.050	0.043	0.069	0.224	0.006	0.012	0.273	0.298	0.454	0.297	0.304	0.453	0.459	0.479	0.485	0.566
	Top side	0.001	0.005	0.083	0.031	0.053	0.203	0.010	0.009	0.120	0.141	0.292	0.099	0.097	0.249	0.248	0.271	0.269	0.375
	Bottom side	0.267	0.134	0.001	0.001	0.002	0.055	0.001	0.001	0.402	0.403	0.456	0.404	0.404	0.457	0.457	0.458	0.458	0.459
	Right side	0.002	0.025	0.010	0.003	0.043	0.044	0.002	0.001	0.040	0.080	0.081	0.076	0.074	0.076	0.075	0.117	0.115	0.128
Left side	0.106	0.059	0.056	0.026	0.017	0.120	0.017	0.008	0.246	0.238	0.341	0.225	0.216	0.328	0.319	0.320	0.310	0.384	

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### Camera\_Body-worn

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+6+7 Sum
2A-n5A	Front side	0.219	0.105	0.009	0.001	0.035	0.051	0.003	0.016	0.335	0.368	0.385	0.363	0.376	0.380	0.393	0.413	0.426	0.421
	Back side	0.229	0.073	0.030	0.048	0.354	0.243	0.017	0.169	0.381	0.686	0.576	0.721	0.873	0.810	0.782	0.916	1.068	0.977
2A-n71A	Front side	0.219	0.031	0.009	0.001	0.035	0.051	0.003	0.016	0.261	0.294	0.311	0.289	0.302	0.306	0.319	0.339	0.352	0.347
	Back side	0.229	0.017	0.030	0.048	0.354	0.243	0.017	0.169	0.324	0.630	0.520	0.665	0.817	0.554	0.706	0.860	1.012	0.921
5A_UAT-n2A	Front side	0.156	0.124	0.009	0.001	0.035	0.051	0.003	0.016	0.291	0.324	0.341	0.319	0.332	0.336	0.349	0.369	0.382	0.377
	Back side	0.123	0.151	0.030	0.048	0.354	0.243	0.017	0.169	0.352	0.657	0.547	0.692	0.844	0.581	0.733	0.887	1.039	0.948
5A_LAT-n2A	Front side	0.151	0.124	0.009	0.001	0.035	0.051	0.003	0.016	0.286	0.319	0.336	0.314	0.327	0.331	0.344	0.364	0.377	0.372
	Back side	0.145	0.151	0.030	0.048	0.354	0.243	0.017	0.169	0.374	0.680	0.569	0.714	0.866	0.604	0.755	0.909	1.061	0.970
5A_UAT-n66A	Front side	0.156	0.135	0.009	0.001	0.035	0.051	0.003	0.016	0.302	0.335	0.352	0.330	0.343	0.347	0.360	0.380	0.393	0.388
	Back side	0.123	0.268	0.030	0.048	0.354	0.243	0.017	0.169	0.470	0.775	0.665	0.810	0.962	0.699	0.851	1.005	1.157	1.066
5A_LAT-n66A	Front side	0.151	0.135	0.009	0.001	0.035	0.051	0.003	0.016	0.297	0.330	0.347	0.325	0.338	0.342	0.355	0.375	0.388	0.383
	Back side	0.145	0.268	0.030	0.048	0.354	0.243	0.017	0.169	0.492	0.798	0.687	0.832	0.984	0.722	0.873	1.027	1.179	1.088
41A-n41A_UAT	Front side	0.124	0.084	0.009	0.001	0.035	0.051	0.003	0.016	0.219	0.252	0.269	0.247	0.260	0.264	0.277	0.297	0.310	0.305
	Back side	0.164	0.217	0.030	0.048	0.354	0.243	0.017	0.169	0.459	0.765	0.654	0.799	0.951	0.689	0.841	0.995	1.147	1.056
41A-n41A_LAT	Front side	0.124	0.018	0.009	0.001	0.035	0.051	0.003	0.016	0.153	0.186	0.203	0.181	0.194	0.198	0.211	0.231	0.244	0.239
	Back side	0.164	0.348	0.030	0.048	0.354	0.243	0.017	0.169	0.591	0.896	0.786	0.931	1.083	0.821	0.972	1.126	1.278	1.187

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### Camera\_Hotspot

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n5A	Front side	0.219	0.105	0.035	0.011	0.077	0.054	0.006	0.026	0.371	0.436	0.413	0.418	0.438	0.395	0.416	0.461	0.481	0.501
	Back side	0.229	0.073	0.090	0.032	0.459	0.429	0.087	0.076	0.424	0.851	0.821	0.881	0.869	0.850	0.839	1.278	1.266	1.312
	Top side	0.001	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.076	0.159	0.078	0.160	0.088	0.079	0.007	0.162	0.090	0.163
	Bottom side	0.575	0.010	0.001	0.006	0.001	0.102	0.001	0.020	0.592	0.587	0.688	0.593	0.612	0.694	0.713	0.689	0.708	0.694
	Right side	0.005	0.001	0.002	0.002	0.019	0.043	0.003	0.004	0.011	0.028	0.052	0.032	0.032	0.056	0.056	0.073	0.073	0.074
2A-n71A	Front side	0.109	0.001	0.026	0.007	0.073	0.013	0.058	0.016	0.144	0.209	0.149	0.249	0.207	0.189	0.147	0.254	0.212	0.229
	Back side	0.219	0.031	0.035	0.011	0.077	0.054	0.006	0.026	0.296	0.362	0.339	0.344	0.364	0.321	0.341	0.387	0.407	0.427
	Top side	0.229	0.017	0.090	0.032	0.459	0.429	0.087	0.076	0.368	0.795	0.765	0.825	0.813	0.794	0.783	1.221	1.210	1.256
	Bottom side	0.001	0.002	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.160	0.079	0.161	0.089	0.080	0.008	0.163	0.091	0.164
	Right side	0.575	0.005	0.001	0.006	0.001	0.102	0.001	0.020	0.587	0.582	0.683	0.588	0.607	0.689	0.708	0.684	0.703	0.689
5A_UAT-n2A	Front side	0.005	0.007	0.002	0.002	0.019	0.043	0.003	0.004	0.017	0.034	0.058	0.038	0.038	0.062	0.062	0.078	0.079	0.080
	Back side	0.109	0.004	0.026	0.007	0.073	0.013	0.058	0.016	0.146	0.211	0.152	0.251	0.209	0.191	0.149	0.256	0.214	0.231
	Top side	0.156	0.124	0.035	0.011	0.077	0.054	0.006	0.026	0.327	0.392	0.369	0.374	0.394	0.351	0.372	0.417	0.437	0.457
	Bottom side	0.123	0.151	0.090	0.032	0.459	0.429	0.087	0.076	0.395	0.822	0.792	0.852	0.840	0.821	0.810	1.249	1.237	1.283
	Right side	0.100	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.175	0.258	0.177	0.259	0.187	0.178	0.106	0.261	0.189	0.262
5A_LAT-n2A	Front side	0.001	0.520	0.001	0.006	0.001	0.102	0.001	0.020	0.528	0.523	0.623	0.529	0.548	0.629	0.648	0.625	0.644	0.630
	Back side	0.064	0.035	0.002	0.002	0.019	0.043	0.003	0.004	0.103	0.120	0.144	0.123	0.124	0.147	0.148	0.164	0.165	0.166
	Top side	0.048	0.080	0.026	0.007	0.073	0.013	0.058	0.016	0.160	0.225	0.166	0.265	0.223	0.205	0.163	0.271	0.229	0.245
	Bottom side	0.151	0.124	0.035	0.011	0.077	0.054	0.006	0.026	0.322	0.387	0.364	0.369	0.389	0.346	0.367	0.412	0.432	0.452
	Right side	0.145	0.151	0.090	0.032	0.459	0.429	0.087	0.076	0.417	0.844	0.814	0.874	0.862	0.844	0.832	1.271	1.259	1.305
5A_UAT-n66A	Front side	0.002	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.160	0.079	0.160	0.089	0.080	0.008	0.162	0.091	0.164
	Back side	0.132	0.520	0.001	0.006	0.001	0.102	0.001	0.020	0.558	0.554	0.654	0.659	0.678	0.760	0.779	0.755	0.774	0.761
	Top side	0.022	0.080	0.026	0.001	0.073	0.013	0.058	0.016	0.134	0.198	0.140	0.239	0.197	0.179	0.137	0.245	0.203	0.220
	Bottom side	0.156	0.135	0.035	0.011	0.077	0.054	0.006	0.026	0.337	0.403	0.380	0.385	0.405	0.362	0.383	0.428	0.448	0.468
	Right side	0.123	0.268	0.090	0.032	0.459	0.429	0.087	0.076	0.513	0.940	0.910	0.970	0.958	0.939	0.928	1.367	1.355	1.401
5A_LAT-n66A	Front side	0.100	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.175	0.258	0.177	0.259	0.187	0.178	0.106	0.261	0.189	0.262
	Back side	0.001	0.594	0.001	0.006	0.001	0.102	0.001	0.020	0.602	0.597	0.698	0.603	0.622	0.704	0.723	0.699	0.718	0.705
	Top side	0.064	0.005	0.002	0.002	0.019	0.043	0.003	0.004	0.074	0.091	0.115	0.094	0.095	0.118	0.119	0.135	0.136	0.136
	Bottom side	0.048	0.074	0.026	0.007	0.073	0.013	0.058	0.016	0.155	0.220	0.160	0.260	0.218	0.200	0.158	0.265	0.223	0.240
	Right side	0.151	0.135	0.035	0.011	0.077	0.054	0.006	0.026	0.332	0.398	0.375	0.380	0.400	0.357	0.378	0.423	0.443	0.463
41A-n41A_UAT	Front side	0.145	0.268	0.090	0.032	0.459	0.429	0.087	0.076	0.535	0.962	0.932	0.992	0.980	0.962	0.950	1.389	1.377	1.423
	Back side	0.002	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.160	0.079	0.160	0.089	0.080	0.008	0.162	0.091	0.164
	Top side	0.132	0.594	0.001	0.006	0.001	0.102	0.001	0.020	0.733	0.728	0.829	0.734	0.753	0.835	0.854	0.830	0.849	0.836
	Bottom side	0.107	0.080	0.026	0.001	0.073	0.013	0.058	0.016	0.134	0.198	0.140	0.239	0.197	0.179	0.137	0.245	0.203	0.220
	Right side	0.107	0.005	0.002	0.002	0.019	0.043	0.003	0.004	0.117	0.134	0.158	0.138	0.138	0.162	0.162	0.178	0.179	0.180
41A-n41A_LAT	Front side	0.022	0.074	0.026	0.007	0.073	0.013	0.058	0.016	0.129	0.194	0.135	0.234	0.192	0.174	0.132	0.239	0.197	0.214
	Back side	0.124	0.084	0.035	0.011	0.077	0.054	0.006	0.026	0.254	0.320	0.297	0.302	0.322	0.279	0.300	0.345	0.365	0.385
	Top side	0.164	0.217	0.090	0.032	0.459	0.429	0.087	0.076	0.502	0.929	0.899	0.959	0.948	0.929	0.917	1.356	1.344	1.390
	Bottom side	0.001	0.006	0.073	0.001	0.084	0.003	0.072	0.001	0.081	0.164	0.083	0.164	0.093	0.083	0.012	0.166	0.095	0.168
	Right side	0.213	0.004	0.001	0.006	0.001	0.102	0.001	0.020	0.224	0.219	0.320	0.225	0.244	0.326	0.345	0.321	0.340	0.327

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### Normal\_Landscape\_Body

WWAN	Exposure position 1g(W/kg)	The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN																	
		0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-r6A	Front side	0.219	0.105	0.020	0.001	0.061	0.051	0.002	0.016	0.346	0.406	0.396	0.389	0.403	0.379	0.393	0.439	0.453	0.459
	Back side	0.229	0.073	0.075	0.048	0.080	0.243	0.014	0.169	0.425	0.457	0.620	0.444	0.599	0.607	0.762	0.639	0.794	0.748
2A-r71A	Front side	0.219	0.031	0.020	0.001	0.061	0.051	0.002	0.016	0.272	0.332	0.322	0.315	0.329	0.305	0.319	0.365	0.379	0.385
	Back side	0.229	0.017	0.075	0.048	0.080	0.243	0.014	0.169	0.369	0.401	0.564	0.387	0.543	0.551	0.706	0.583	0.738	0.691
5A_UAT-r2A	Front side	0.209	0.124	0.020	0.001	0.061	0.051	0.002	0.016	0.356	0.416	0.406	0.399	0.413	0.389	0.403	0.449	0.463	0.469
	Back side	0.164	0.151	0.075	0.048	0.080	0.243	0.014	0.169	0.437	0.469	0.632	0.456	0.611	0.619	0.775	0.651	0.807	0.760
5A_LAT-r2A	Front side	0.190	0.124	0.020	0.001	0.061	0.051	0.002	0.016	0.336	0.396	0.386	0.379	0.393	0.369	0.383	0.429	0.443	0.449
	Back side	0.183	0.151	0.075	0.048	0.080	0.243	0.014	0.169	0.456	0.488	0.651	0.475	0.630	0.638	0.793	0.670	0.825	0.779
5A_UAT-r6A	Front side	0.209	0.135	0.020	0.001	0.061	0.051	0.002	0.016	0.367	0.427	0.417	0.410	0.424	0.400	0.413	0.460	0.473	0.479
	Back side	0.164	0.268	0.075	0.048	0.080	0.243	0.014	0.169	0.555	0.587	0.750	0.574	0.729	0.737	0.892	0.769	0.924	0.878
5A_LAT-r6A	Front side	0.190	0.135	0.020	0.001	0.061	0.051	0.002	0.016	0.347	0.407	0.397	0.390	0.404	0.380	0.394	0.440	0.454	0.460
	Back side	0.183	0.268	0.075	0.048	0.080	0.243	0.014	0.169	0.574	0.606	0.769	0.593	0.748	0.756	0.911	0.788	0.943	0.897
41A-UAT	Front side	0.171	0.084	0.020	0.001	0.061	0.051	0.002	0.016	0.277	0.337	0.327	0.320	0.333	0.310	0.323	0.370	0.383	0.389
	Back side	0.235	0.217	0.075	0.048	0.080	0.243	0.014	0.169	0.574	0.606	0.770	0.593	0.748	0.757	0.912	0.789	0.944	0.897
41A-LAT	Front side	0.171	0.032	0.020	0.001	0.061	0.051	0.002	0.016	0.224	0.284	0.274	0.267	0.281	0.257	0.271	0.317	0.331	0.337
	Back side	0.235	0.507	0.075	0.048	0.080	0.243	0.014	0.169	0.864	0.896	1.060	0.883	1.038	1.047	1.202	1.079	1.234	1.187

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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### Normal\_Landscape\_Hotspot

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN

WWAN	Exposure position (g(W/kg))	The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN										Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		0	1	2	3	4	5	6	7	0+1+2+3 Sum	0+1+2+4 Sum										
2A-n5A	Front side	0.219	0.105	0.050	0.011	0.069	0.054	0.006	0.026	0.385	0.443	0.428	0.410	0.430	0.385	0.416	0.453	0.473	0.508		
	Back side	0.229	0.073	0.154	0.032	0.114	0.429	0.039	0.076	0.488	0.570	0.885	0.487	0.524	0.802	0.839	0.884	0.921	1.031		
	Top side	0.001	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.138	0.088	0.066	0.057	0.016	0.007	0.068	0.059	0.142		
	Bottom side	0.575	0.010	0.001	0.006	0.002	0.102	0.001	0.020	0.592	0.588	0.688	0.594	0.613	0.693	0.713	0.690	0.709	0.695		
	Right side	0.005	0.001	0.010	0.002	0.043	0.043	0.002	0.004	0.019	0.060	0.060	0.055	0.056	0.055	0.056	0.096	0.097	0.106		
	Left side	0.109	0.001	0.056	0.007	0.017	0.013	0.017	0.016	0.174	0.184	0.179	0.153	0.151	0.148	0.147	0.158	0.157	0.204		
2A-n71A	Front side	0.219	0.031	0.050	0.011	0.069	0.054	0.006	0.026	0.311	0.369	0.354	0.336	0.356	0.321	0.341	0.379	0.399	0.434		
	Back side	0.229	0.017	0.154	0.032	0.114	0.429	0.039	0.076	0.432	0.514	0.829	0.431	0.468	0.746	0.783	0.827	0.865	0.975		
	Top side	0.001	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.088	0.139	0.090	0.067	0.058	0.017	0.038	0.069	0.060	0.143		
	Bottom side	0.575	0.005	0.001	0.006	0.002	0.102	0.001	0.020	0.587	0.583	0.683	0.589	0.608	0.688	0.708	0.685	0.704	0.690		
	Right side	0.005	0.007	0.010	0.002	0.043	0.043	0.002	0.004	0.025	0.066	0.066	0.061	0.062	0.060	0.062	0.101	0.103	0.112		
	Left side	0.109	0.004	0.056	0.007	0.017	0.013	0.017	0.016	0.176	0.186	0.182	0.155	0.154	0.151	0.149	0.161	0.159	0.206		
5A_UAT-n2A	Front side	0.209	0.124	0.050	0.011	0.069	0.054	0.006	0.026	0.395	0.452	0.437	0.420	0.440	0.405	0.425	0.462	0.483	0.518		
	Back side	0.164	0.151	0.154	0.032	0.114	0.429	0.039	0.076	0.501	0.583	0.898	0.499	0.536	0.814	0.851	0.896	0.933	1.043		
	Top side	0.143	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.228	0.280	0.230	0.208	0.199	0.158	0.149	0.210	0.201	0.284		
	Bottom side	0.001	0.520	0.001	0.006	0.002	0.102	0.001	0.020	0.528	0.524	0.623	0.530	0.549	0.629	0.648	0.625	0.645	0.631		
	Right side	0.084	0.035	0.010	0.002	0.043	0.043	0.002	0.004	0.131	0.172	0.172	0.167	0.168	0.167	0.168	0.208	0.209	0.218		
	Left side	0.063	0.080	0.056	0.007	0.017	0.013	0.017	0.016	0.206	0.216	0.211	0.185	0.183	0.180	0.179	0.190	0.189	0.236		
5A_LAT-n2A	Front side	0.190	0.124	0.050	0.011	0.069	0.054	0.006	0.026	0.375	0.433	0.418	0.400	0.420	0.385	0.405	0.443	0.463	0.498		
	Back side	0.183	0.151	0.154	0.032	0.114	0.429	0.039	0.076	0.519	0.601	0.916	0.518	0.555	0.833	0.870	0.915	0.952	1.062		
	Top side	0.002	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.139	0.089	0.066	0.058	0.017	0.008	0.068	0.060	0.143		
	Bottom side	0.167	0.520	0.001	0.006	0.002	0.102	0.001	0.020	0.693	0.690	0.789	0.695	0.715	0.795	0.814	0.791	0.810	0.797		
	Right side	0.132	0.035	0.010	0.002	0.043	0.043	0.002	0.004	0.179	0.220	0.220	0.214	0.216	0.214	0.216	0.255	0.257	0.265		
	Left side	0.028	0.080	0.056	0.007	0.017	0.013	0.017	0.016	0.171	0.181	0.176	0.149	0.148	0.145	0.144	0.155	0.154	0.201		
5A_UAT-n66A	Front side	0.209	0.135	0.050	0.011	0.069	0.054	0.006	0.026	0.406	0.463	0.448	0.430	0.451	0.416	0.436	0.473	0.494	0.529		
	Back side	0.164	0.268	0.154	0.032	0.114	0.429	0.039	0.076	0.619	0.701	1.016	0.617	0.654	0.932	0.969	1.014	1.051	1.161		
	Top side	0.143	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.228	0.280	0.230	0.208	0.199	0.158	0.149	0.210	0.201	0.284		
	Bottom side	0.001	0.594	0.001	0.006	0.002	0.102	0.001	0.020	0.602	0.599	0.698	0.604	0.623	0.704	0.723	0.700	0.719	0.706		
	Right side	0.084	0.005	0.010	0.002	0.043	0.043	0.002	0.004	0.102	0.143	0.143	0.137	0.139	0.137	0.139	0.178	0.180	0.189		
	Left side	0.063	0.074	0.056	0.007	0.017	0.013	0.017	0.016	0.201	0.210	0.206	0.179	0.178	0.175	0.174	0.185	0.184	0.231		
5A_LAT-n66A	Front side	0.190	0.135	0.050	0.011	0.069	0.054	0.006	0.026	0.386	0.444	0.429	0.411	0.431	0.396	0.416	0.454	0.474	0.509		
	Back side	0.183	0.268	0.154	0.032	0.114	0.429	0.039	0.076	0.637	0.719	1.034	0.636	0.673	0.951	0.988	1.033	1.070	1.180		
	Top side	0.002	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.139	0.089	0.067	0.058	0.017	0.008	0.069	0.060	0.143		
	Bottom side	0.167	0.594	0.001	0.006	0.002	0.102	0.001	0.020	0.768	0.764	0.864	0.770	0.789	0.870	0.889	0.866	0.885	0.872		
	Right side	0.132	0.005	0.010	0.002	0.043	0.043	0.002	0.004	0.150	0.191	0.191	0.185	0.187	0.185	0.186	0.226	0.228	0.236		
	Left side	0.028	0.074	0.056	0.007	0.017	0.013	0.017	0.016	0.165	0.175	0.171	0.144	0.143	0.140	0.139	0.150	0.148	0.195		
41A-n41A_UAT	Front side	0.171	0.084	0.050	0.011	0.069	0.054	0.006	0.026	0.316	0.373	0.358	0.340	0.361	0.326	0.346	0.383	0.404	0.439		
	Back side	0.235	0.217	0.154	0.032	0.114	0.429	0.039	0.076	0.638	0.720	1.035	0.636	0.673	0.951	0.988	1.033	1.070	1.181		
	Top side	0.001	0.006	0.083	0.001	0.053	0.003	0.010	0.001	0.091	0.143	0.093	0.070	0.061	0.021	0.012	0.072	0.064	0.147		
	Bottom side	0.296	0.004	0.001	0.006	0.002	0.102	0.001	0.020	0.307	0.303	0.403	0.309	0.328	0.408	0.428	0.405	0.424	0.411		
	Right side	0.002	0.013	0.010	0.002	0.043	0.043	0.002	0.004	0.028	0.069	0.069	0.063	0.065	0.063	0.065	0.104	0.106	0.114		
	Left side	0.123	0.025	0.056	0.007	0.017	0.013	0.017	0.016	0.211	0.221	0.217	0.190	0.189	0.186	0.184	0.196	0.194	0.241		
41A-n41A_LAT	Front side	0.171	0.032	0.050	0.011	0.069	0.054	0.006	0.026	0.263	0.321	0.306	0.288	0.308	0.273	0.293	0.331	0.351	0.386		
	Back side	0.235	0.507	0.154	0.032	0.114	0.429	0.039	0.076	0.928	1.010	1.325	0.926	0.964	1.241	1.279	1.323	1.360	1.471		
	Top side	0.001	0.005	0.083	0.001	0.053	0.003	0.010	0.001	0.090	0.141	0.092	0.069	0.060	0.020	0.011	0.071	0.062	0.145		
	Bottom side	0.296	0.134	0.001	0.006	0.002	0.102	0.001	0.020	0.436	0.432	0.532	0.438	0.457	0.538	0.557	0.534	0.553	0.540		
	Right side	0.002	0.025	0.010	0.002	0.043	0.043	0.002	0.004	0.039	0.080	0.080	0.075	0.076	0.075	0.076	0.116	0.117	0.126		
	Left side	0.123	0.059	0.056	0.007	0.017	0.013	0.017	0.016	0.245	0.255	0.251	0.224	0.223	0.220	0.218	0.229	0.228	0.275		

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### Gaming\_Body

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n5A	Front side	0.219	0.105	0.020	0.001	0.061	0.083	0.002	0.016	0.346	0.406	0.428	0.389	0.403	0.411	0.425	0.471	0.485	0.491
	Back side	0.229	0.073	0.075	0.048	0.080	0.451	0.014	0.169	0.425	0.457	0.828	0.444	0.599	0.815	0.970	0.847	1.002	0.955
2A-n71A	Front side	0.219	0.031	0.020	0.001	0.061	0.083	0.002	0.016	0.272	0.332	0.354	0.315	0.329	0.337	0.351	0.397	0.411	0.417
	Back side	0.229	0.017	0.075	0.048	0.080	0.451	0.014	0.169	0.369	0.401	0.772	0.387	0.543	0.759	0.914	0.791	0.946	0.899
5A_UAT-n2A	Front side	0.156	0.124	0.020	0.001	0.061	0.083	0.002	0.016	0.302	0.362	0.384	0.345	0.359	0.367	0.381	0.427	0.441	0.447
	Back side	0.123	0.151	0.075	0.048	0.080	0.451	0.014	0.169	0.396	0.428	0.799	0.415	0.570	0.786	0.941	0.818	0.973	0.926
5A_LAT-n2A	Front side	0.208	0.124	0.020	0.001	0.061	0.083	0.002	0.016	0.354	0.414	0.436	0.397	0.411	0.419	0.433	0.479	0.493	0.499
	Back side	0.203	0.151	0.075	0.048	0.080	0.451	0.014	0.169	0.476	0.508	0.879	0.495	0.650	0.866	1.021	0.898	1.053	1.006
5A_UAT-n66A	Front side	0.156	0.135	0.020	0.001	0.061	0.083	0.002	0.016	0.313	0.373	0.395	0.356	0.370	0.378	0.392	0.438	0.452	0.458
	Back side	0.123	0.268	0.075	0.048	0.080	0.451	0.014	0.169	0.514	0.546	0.917	0.533	0.688	0.904	1.059	0.936	1.091	1.044
5A_LAT-n66A	Front side	0.208	0.135	0.020	0.001	0.061	0.083	0.002	0.016	0.365	0.425	0.447	0.408	0.422	0.430	0.444	0.490	0.504	0.510
	Back side	0.203	0.268	0.075	0.048	0.080	0.451	0.014	0.169	0.594	0.626	0.997	0.613	0.768	0.984	1.139	1.016	1.171	1.124
41A-n41A_UAT	Front side	0.148	0.084	0.020	0.001	0.061	0.083	0.002	0.016	0.254	0.314	0.336	0.297	0.311	0.319	0.333	0.379	0.393	0.399
	Back side	0.206	0.217	0.075	0.048	0.080	0.451	0.014	0.169	0.546	0.578	0.949	0.565	0.720	0.936	1.091	0.968	1.123	1.076
41A-n41A_LAT	Front side	0.148	0.023	0.020	0.001	0.061	0.083	0.002	0.016	0.193	0.253	0.275	0.236	0.250	0.258	0.272	0.318	0.332	0.338
	Back side	0.206	0.436	0.075	0.048	0.080	0.451	0.014	0.169	0.765	0.797	1.168	0.784	0.939	1.155	1.310	1.187	1.342	1.295

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### Gaming\_Hotspot

WWAN	Exposure position 1g(W/kg)	The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN																	
		0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n5A	Front side	0.219	0.105	0.050	0.011	0.069	0.122	0.006	0.026	0.385	0.443	0.496	0.410	0.430	0.463	0.483	0.521	0.541	0.576
	Back side	0.229	0.073	0.154	0.032	0.114	0.601	0.039	0.076	0.488	0.570	1.058	0.487	0.524	0.874	1.011	1.056	1.093	1.203
	Top side	0.001	0.001	0.063	0.001	0.053	0.029	0.010	0.001	0.086	0.138	0.114	0.066	0.057	0.042	0.033	0.093	0.084	0.168
	Bottom side	0.575	0.010	0.001	0.006	0.002	0.024	0.001	0.020	0.592	0.588	0.610	0.594	0.613	0.616	0.635	0.612	0.631	0.618
	Right side	0.005	0.001	0.010	0.002	0.043	0.090	0.002	0.004	0.019	0.060	0.107	0.055	0.056	0.101	0.103	0.142	0.144	0.152
2A-n71A	Left side	0.109	0.001	0.056	0.007	0.017	0.003	0.017	0.016	0.174	0.184	0.170	0.153	0.151	0.139	0.138	0.149	0.148	0.195
	Front side	0.219	0.031	0.050	0.011	0.069	0.122	0.006	0.026	0.311	0.369	0.422	0.336	0.356	0.389	0.409	0.447	0.467	0.502
	Back side	0.229	0.017	0.154	0.032	0.114	0.601	0.039	0.076	0.432	0.514	1.001	0.431	0.468	0.918	0.955	1.000	1.037	1.147
	Top side	0.001	0.002	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.139	0.115	0.067	0.058	0.043	0.034	0.094	0.085	0.169
	Bottom side	0.575	0.005	0.001	0.006	0.002	0.024	0.001	0.020	0.587	0.583	0.605	0.589	0.608	0.611	0.630	0.607	0.626	0.613
5A_UAT-n2A	Right side	0.005	0.007	0.010	0.002	0.043	0.090	0.002	0.004	0.025	0.066	0.112	0.061	0.062	0.107	0.108	0.148	0.149	0.158
	Front side	0.156	0.124	0.050	0.011	0.069	0.122	0.006	0.026	0.341	0.399	0.452	0.366	0.386	0.419	0.439	0.477	0.497	0.532
	Back side	0.123	0.151	0.154	0.032	0.114	0.601	0.039	0.076	0.460	0.541	1.029	0.458	0.495	0.945	0.982	1.027	1.064	1.174
	Top side	0.100	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.186	0.237	0.213	0.165	0.156	0.141	0.132	0.192	0.183	0.267
	Bottom side	0.001	0.520	0.001	0.006	0.002	0.024	0.001	0.020	0.528	0.524	0.546	0.530	0.549	0.542	0.571	0.548	0.567	0.554
5A_LAT-n2A	Right side	0.064	0.035	0.010	0.002	0.043	0.090	0.002	0.004	0.111	0.152	0.198	0.146	0.148	0.193	0.194	0.234	0.235	0.244
	Front side	0.208	0.124	0.050	0.011	0.069	0.122	0.006	0.026	0.393	0.451	0.504	0.418	0.438	0.471	0.491	0.529	0.549	0.584
	Back side	0.203	0.151	0.154	0.032	0.114	0.601	0.039	0.076	0.540	0.621	1.109	0.538	0.575	1.025	1.062	1.107	1.144	1.254
	Top side	0.002	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.139	0.115	0.067	0.058	0.043	0.034	0.094	0.086	0.169
	Bottom side	0.186	0.520	0.001	0.006	0.002	0.024	0.001	0.020	0.712	0.709	0.731	0.714	0.734	0.736	0.756	0.733	0.752	0.738
5A_UAT-n66A	Right side	0.146	0.035	0.010	0.002	0.043	0.090	0.002	0.004	0.194	0.235	0.291	0.229	0.230	0.275	0.277	0.316	0.318	0.326
	Front side	0.031	0.080	0.056	0.007	0.017	0.003	0.017	0.016	0.174	0.184	0.170	0.153	0.151	0.139	0.138	0.149	0.148	0.195
	Back side	0.156	0.135	0.050	0.011	0.069	0.122	0.006	0.026	0.352	0.410	0.463	0.377	0.397	0.430	0.450	0.488	0.508	0.543
	Top side	0.123	0.268	0.154	0.032	0.114	0.601	0.039	0.076	0.577	0.659	1.147	0.576	0.613	1.063	1.100	1.145	1.182	1.292
	Bottom side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.186	0.237	0.213	0.165	0.156	0.141	0.132	0.192	0.183	0.267
5A_LAT-n66A	Right side	0.064	0.005	0.010	0.002	0.043	0.090	0.002	0.004	0.082	0.123	0.169	0.117	0.119	0.163	0.165	0.204	0.206	0.215
	Front side	0.048	0.074	0.056	0.007	0.017	0.003	0.017	0.016	0.185	0.195	0.181	0.164	0.162	0.150	0.149	0.160	0.159	0.206
	Back side	0.208	0.135	0.050	0.011	0.069	0.122	0.006	0.026	0.404	0.462	0.515	0.429	0.449	0.482	0.502	0.540	0.560	0.595
	Top side	0.002	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.139	0.115	0.067	0.058	0.043	0.034	0.094	0.086	0.169
	Bottom side	0.186	0.594	0.001	0.006	0.002	0.024	0.001	0.020	0.787	0.783	0.805	0.789	0.808	0.811	0.830	0.807	0.827	0.813
41A-n41A_UAT	Right side	0.146	0.005	0.010	0.002	0.043	0.090	0.002	0.004	0.164	0.205	0.252	0.200	0.201	0.246	0.247	0.287	0.288	0.297
	Front side	0.031	0.074	0.056	0.007	0.017	0.003	0.017	0.016	0.169	0.179	0.165	0.147	0.146	0.134	0.132	0.144	0.142	0.189
	Back side	0.148	0.084	0.050	0.011	0.069	0.122	0.006	0.026	0.293	0.351	0.404	0.318	0.338	0.371	0.392	0.429	0.449	0.484
	Top side	0.001	0.006	0.083	0.001	0.053	0.029	0.010	0.001	0.091	0.143	0.119	0.070	0.061	0.046	0.037	0.098	0.089	0.172
	Bottom side	0.267	0.004	0.001	0.006	0.002	0.024	0.001	0.020	0.278	0.274	0.296	0.280	0.299	0.302	0.321	0.298	0.317	0.304
41A-n41A_LAT	Right side	0.002	0.013	0.010	0.002	0.043	0.090	0.002	0.004	0.028	0.069	0.115	0.063	0.065	0.109	0.111	0.150	0.152	0.161
	Front side	0.106	0.025	0.056	0.007	0.017	0.003	0.017	0.016	0.194	0.204	0.191	0.173	0.172	0.159	0.158	0.169	0.168	0.215
	Back side	0.148	0.023	0.050	0.011	0.069	0.122	0.006	0.026	0.232	0.290	0.343	0.257	0.277	0.310	0.330	0.368	0.388	0.423
	Top side	0.206	0.436	0.154	0.032	0.114	0.601	0.039	0.076	0.829	0.910	1.398	0.827	0.864	1.314	1.351	1.396	1.433	1.544
	Bottom side	0.001	0.003	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.140	0.116	0.067	0.058	0.043	0.034	0.095	0.086	0.169
Right side	0.267	0.108	0.001	0.006	0.002	0.024	0.001	0.020	0.381	0.378	0.400	0.383	0.403	0.405	0.425	0.402	0.421	0.407	
Left side	0.002	0.018	0.010	0.002	0.043	0.090	0.002	0.004	0.033	0.074	0.120	0.068	0.070	0.114	0.116	0.155	0.157	0.166	
Left side	0.106	0.047	0.056	0.007	0.017	0.003	0.017	0.016	0.216	0.226	0.212	0.195	0.193	0.181	0.180	0.191	0.190	0.237	

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### Inter without WLAN\_Body-worn

The simultaneous body-worn exposure conditions for LTE Inter band

WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	LTE Second Band	0+1 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.430
	Back side	0.313	0.123	0.437
2A-5A(LAT)	Front side	0.267	0.113	0.381
	Back side	0.313	0.186	0.499
2A-12A(UAT)	Front side	0.267	0.091	0.359
	Back side	0.313	0.071	0.384
2A-12A(LAT)	Front side	0.267	0.055	0.322
	Back side	0.313	0.159	0.473
4A-5A(UAT)	Front side	0.122	0.162	0.285
	Back side	0.137	0.123	0.260
4A-5A(LAT)	Front side	0.122	0.113	0.235
	Back side	0.137	0.186	0.323
4A-12A(UAT)	Front side	0.122	0.091	0.213
	Back side	0.137	0.071	0.208
4A-12A(LAT)	Front side	0.122	0.055	0.177
	Back side	0.137	0.159	0.296
12A(UAT)-66A	Front side	0.091	0.122	0.213
	Back side	0.071	0.137	0.208
12A(LAT)-66A	Front side	0.055	0.122	0.177
	Back side	0.159	0.137	0.296

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### Inter without WLAN\_Product specific 10-g SAR

The simultaneous Product specific exposure conditions

WWAN	Exposure position 10g(W/kg)	0	1	Scenario 1
		LTE First Band	LTE Second Band	0+1 Sum
2A-5A(UAT)	Front side	0.493	0.423	0.916
	Back side	0.523	0.321	0.844
	Top side	0.003	0.286	0.289
	Bottom side	1.267	0.002	1.270
	Right side	0.207	0.241	0.448
	Left side	0.319	0.209	0.527
2A-5A(LAT)	Front side	0.493	0.733	1.226
	Back side	0.523	0.591	1.114
	Top side	0.003	0.001	0.004
	Bottom side	1.267	0.520	1.787
	Right side	0.207	0.185	0.392
	Left side	0.319	0.247	0.566
2A-12A(UAT)	Front side	0.493	0.369	0.862
	Back side	0.523	0.238	0.761
	Top side	0.003	0.195	0.198
	Bottom side	1.267	0.001	1.269
	Right side	0.207	0.149	0.357
	Left side	0.319	0.137	0.456
2A-12A(LAT)	Front side	0.493	0.527	1.020
	Back side	0.523	0.413	0.936
	Top side	0.003	0.030	0.033
	Bottom side	1.267	0.370	1.638
	Right side	0.207	0.119	0.326
	Left side	0.319	0.040	0.358
4A-5A(UAT)	Front side	0.527	0.423	0.950
	Back side	0.569	0.321	0.890
	Top side	0.002	0.286	0.288
	Bottom side	1.456	0.002	1.459
	Right side	0.197	0.241	0.438
	Left side	0.289	0.209	0.498
4A-5A(LAT)	Front side	0.527	0.733	1.260
	Back side	0.569	0.591	1.161
	Top side	0.002	0.001	0.004
	Bottom side	1.456	0.520	1.976
	Right side	0.197	0.185	0.381
	Left side	0.289	0.247	0.536
4A-12A(UAT)	Front side	0.527	0.369	0.895
	Back side	0.569	0.238	0.807
	Top side	0.002	0.195	0.197
	Bottom side	1.456	0.001	1.458
	Right side	0.197	0.149	0.346
	Left side	0.289	0.137	0.426
4A-12A(LAT)	Front side	0.527	0.527	1.054
	Back side	0.569	0.413	0.982
	Top side	0.002	0.030	0.032
	Bottom side	1.456	0.370	1.827
	Right side	0.197	0.119	0.316
	Left side	0.289	0.040	0.329
12A(UAT)-66A	Front side	0.369	0.527	0.895
	Back side	0.238	0.569	0.807
	Top side	0.195	0.002	0.197
	Bottom side	0.001	1.456	1.458
	Right side	0.149	0.197	0.346
	Left side	0.137	0.289	0.426
12A(LAT)-66A	Front side	0.527	0.527	1.054
	Back side	0.413	0.569	0.982
	Top side	0.030	0.002	0.032
	Bottom side	0.370	1.456	1.827
	Right side	0.119	0.197	0.316
	Left side	0.040	0.289	0.329

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## WLAN only\_MIMO&DBS\_Product specific 10-g SAR

### Calling mode

The simultaneous hotspot exposure conditions for WLAN calling mode and normal Portrait mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.767	0.515	0.581	1.012	0.236	0.081	1.282	1.348	1.779	1.332	1.763	1.829	1.178	1.608	1.674	2.875
Back side	1.157	0.575	0.848	1.165	0.335	0.120	1.732	2.005	2.322	1.757	2.074	2.348	1.543	1.860	2.133	3.745
Top side	0.553	0.418	0.432	0.755	0.159	0.068	0.971	0.985	1.308	1.009	1.332	1.346	0.918	1.241	1.255	2.158
Bottom side	0.008	0.130	0.007	0.181	0.003	0.056	0.138	0.015	0.189	0.140	0.314	0.190	0.193	0.367	0.243	0.326
Right side	0.507	0.110	0.414	0.155	0.113	0.036	0.618	0.921	0.662	0.638	0.379	0.682	0.560	0.301	0.604	1.186
Left side	0.236	0.232	0.207	0.385	0.091	0.059	0.468	0.444	0.622	0.530	0.708	0.684	0.498	0.676	0.652	1.061

### camera mode

The simultaneous hotspot exposure conditions for WLAN Camera mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.094	0.047	0.301	0.101	0.024	0.020	0.141	0.395	0.195	0.372	0.172	0.426	0.367	0.167	0.421	0.542
Back side	0.770	0.525	0.914	1.279	0.287	0.147	1.295	1.684	2.049	1.726	2.090	2.480	1.586	1.950	2.340	3.488
Top side	0.125	0.003	0.473	0.015	0.104	0.001	0.128	0.598	0.140	0.580	0.122	0.593	0.477	0.019	0.489	0.616
Bottom side	0.002	0.070	0.003	0.311	0.001	0.029	0.072	0.004	0.312	0.074	0.382	0.315	0.102	0.410	0.342	0.385
Right side	0.108	0.041	0.260	0.134	0.090	0.014	0.149	0.368	0.242	0.391	0.265	0.485	0.315	0.189	0.409	0.543
Left side	0.071	0.009	0.065	0.020	0.058	0.004	0.080	0.136	0.091	0.132	0.087	0.142	0.078	0.033	0.088	0.165

### Normal mode

The simultaneous hotspot exposure conditions for WLAN normal landscape mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.767	0.047	0.581	1.011	0.236	0.020	0.814	1.348	0.988	0.864	0.383	0.918	0.648	0.167	0.702	1.496
Back side	1.157	0.525	0.848	1.279	0.335	0.147	1.682	2.005	2.436	1.707	2.138	2.461	1.519	1.950	2.273	3.809
Top side	0.553	0.003	0.432	0.015	0.159	0.001	0.556	0.985	0.568	0.594	0.177	0.606	0.436	0.019	0.448	1.003
Bottom side	0.008	0.070	0.007	0.311	0.003	0.029	0.078	0.015	0.319	0.080	0.384	0.320	0.106	0.410	0.346	0.396
Right side	0.507	0.041	0.414	0.134	0.113	0.014	0.548	0.921	0.642	0.568	0.288	0.662	0.469	0.189	0.563	1.096
Left side	0.236	0.009	0.207	0.020	0.091	0.004	0.245	0.444	0.256	0.308	0.120	0.318	0.221	0.033	0.231	0.473

### Gaming mode

The simultaneous hotspot exposure conditions for WLAN Gaming mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.767	0.047	0.581	0.221	0.236	0.020	0.814	1.348	0.988	0.864	0.504	1.038	0.648	0.288	0.822	1.616
Back side	1.157	0.525	0.848	1.229	0.335	0.147	1.682	2.005	2.387	1.707	2.089	2.412	1.519	1.901	2.224	3.759
Top side	0.553	0.003	0.432	0.016	0.159	0.001	0.556	0.985	0.569	0.594	0.178	0.607	0.436	0.020	0.449	1.004
Bottom side	0.008	0.070	0.007	0.035	0.003	0.029	0.078	0.015	0.043	0.080	0.108	0.045	0.106	0.134	0.071	0.120
Right side	0.507	0.041	0.414	0.186	0.113	0.014	0.548	0.921	0.693	0.568	0.340	0.713	0.469	0.241	0.614	1.148
Left side	0.236	0.009	0.207	0.005	0.091	0.004	0.245	0.444	0.241	0.308	0.105	0.304	0.221	0.018	0.217	0.458

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#### 4. Instruments List

Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration	
SPEAG	Dosimetric E-Field Probe	EX3DV4	3770	May.27,2020	May.26,2021	
			7509	Mar.25,2020	Mar.24,2021	
SPEAG	System Validation Dipole		D750V3	1015	Aug.23,2019	Aug.22,2020
			D835V2	4d063	Aug.23,2019	Aug.22,2020
			D1750V2	1008	Aug.23,2019	Aug.22,2020
			D1900V2	5d173	Apr.22,2020	Apr.21,2021
			D2300V2	1023	Aug.26,2019	Aug.25,2020
			D2450V2	727	Apr.22,2020	Apr.21,2021
			D2600V2	1005	Jan.29,2020	Jan.28,2021
			D3500V2	1009	Aug.29,2019	Aug.28,2020
			D3700V2	1057	Nov.04,2019	Nov.03,2020
			D5GHzV2	1023	Jan.28,2020	Jan.27,2021
SPEAG	Data acquisition Electronics	DAE4	877	Mar.17,2020	Mar.16,2021	
			558	Oct.11,2019	Oct.10,2020	
SPEAG	Software	DASY 52 V52.10.4	N/A	Calibration not required	Calibration not required	
SPEAG	Phantom	SAM	N/A	Calibration not required	Calibration not required	
Network Analyzer	Agilent	E5071C	MY46100433	Dec.13,2019	Dec.12,2020	
Agilent	Dielectric Probe Kit	85070E	MY44300677	Calibration not required	Calibration not required	
Agilent	Dual-directional coupler	772D	MY52180142	Aug.30,2019	Aug.29,2020	
		778D	MY52180302	Aug.30,2019	Aug.29,2020	

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Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
Agilent	MXG Analog Signal Generator	N5181A	MY50144142	Dec.12,2019	Dec.11,2020
Agilent	Power Meter	ML2496A	1337004	Sep.19,2019	Sep.18,2020
Agilent	Power Sensor	MA2411B	1306052	Sep.19,2019	Sep.18,2020
TECPEL	Digital thermometer	DTM-303A	TP190085	Dec.16,2019	Dec.15,2020
Anritsu	Radio Communication Test	MT8820C	6201061014	Dec.08,2019	Dec.07,2020
R&S	Radio Communication Test	CMW 500	125470	Dec.11,2019	Dec.10,2020

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## 5. Uncertainty Budget

Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
<b>Measurement system</b>									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
<i>Isotropy, Axial</i>	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
<b>Measurement drift (class A evaluation)</b>									
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
<b>Test Sample related</b>									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
<b>Phantom and Setup</b>									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	3.17%	N	1	1	0.64	0.43	2.03%	1.36%	M
Liquid Conductivity (mea.)	4.55%	N	1	1	0.6	0.49	2.73%	2.23%	M
Combined standard uncertainty		RSS					11.91%	11.70%	
Expan uncertainty (95% confidence interval), K=2							23.83%	23.41%	

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Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
<b>Measurement system</b>									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
<i>Isotropy , Axial</i>	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
<b>Measurement drift (class A evaluation)</b>	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
<b>Test Sample related</b>									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
<b>Phantom and Setup</b>									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	2.81%	N	1	1	0.64	0.43	1.80%	1.21%	M
Liquid Conductivity (mea.)	2.94%	N	1	1	0.6	0.49	1.76%	1.44%	M
Combined standard uncertainty		RSS					11.98%	11.86%	
Expant uncertainty (95% confidence interval), K=2							23.97%	23.71%	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## Appendixes

**Refer to separated files for the following appendixes.**

**ES202030005 SAR\_Appendix A Photographs**

**ES202030005 SAR\_Appendix B DAE & Probe Cal. Certificate**

**ES202030005 SAR\_Appendix C Phantom Description & Dipole Cal. Certificate**

**ES202030005 SAR\_Appendix D Detailed Test Results**

**- End of report -**

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