


FCC SAR TEST REPORT

FCC ID : A4RG1AZG
Equipment : Phone
Model Name : G1AZG
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2 (2.1093)

We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample provide by manufacturer and the test data has been evaluated in accordance with the test procedures given in 47 CFR Part 2.1093 and FCC KDB and has been pass the FCC requirement.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Cona Huang / Deputy Manager



Sporton International Inc. Wensan Laboratory

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Appendix A. Test Setup Photo



1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for Google LLC, Phone, G1AZG, are as follows.

Equipment Class	Frequency Band	Highest SAR Summary				Highest Simultaneous Transmission 1g SAR (W/kg)	Highest Simultaneous Transmission 10g SAR (W/kg)	
		Head (Separation 0mm)	Body-worn (Separation 10mm)	Hotspot (Separation 10mm)	Product Specific (Separation 0mm)			
		1g SAR (W/kg)		10g SAR (W/kg)				
Licensed	GSM850	1.17	0.71	0.87		1.59	2.98	
	GSM1900	0.56	1.16	0.99	1.95			
	WCDMA II	0.97	1.09	0.95	1.64			
	WCDMA IV	0.72	1.18	0.99	2.93			
	WCDMA V	1.13	0.43	0.52				
	LTE B7	0.99	0.73	0.90				
	LTE B12/17	1.16	0.43	0.51				
	LTE B13	1.11	0.48	0.67				
	LTE B14	1.18	0.57	0.79				
	LTE B25/2	0.74	1.17	0.99	2.08			
	LTE B26/5	0.98	0.44	0.60				
	LTE B30	0.79	1.13	0.94				
	LTE B41/B38	0.69	0.79	0.99				
	LTE B48	0.22	0.89	0.89				
	LTE B66/4	0.68	1.14	0.94	2.91			
	LTE B71	0.84	0.48	0.48				
	FR1 n5	0.96	0.43	0.53				
	FR1 n7	0.90	0.76	0.93				
	FR1 n12	0.98	0.46	0.47				
	FR1 n25/2	0.83	1.19	0.98	1.88			
FR1 n30	0.68	1.19	0.99					
FR1 n66	0.62	1.13	1.00	2.98				
FR1 n71	0.70	0.45	0.50					
FR1 n77	0.75	1.19	0.99					
DTS	2.4GHz WLAN	1.12	0.63	0.56		1.57		
NII	5GHz WLAN	1.16	1.13	0.49	2.57	1.59	2.98	
DSS	Bluetooth	0.24	0.35	0.16		1.59		
Equipment Class	Frequency Band	Head		Body		Product Specific		Highest Reported PD (W/m^2)
		Reported 1g SAR (W/kg)	APD (W/m^2)	Reported 1g SAR (W/kg)	APD (W/m^2)	Reported 1g SAR (W/kg)	APD (W/m^2)	
6XD	6GHz WLAN	0.36	2.19	0.17	1.08	0.44	9.04	7.48

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 3786) and the FCC designation No. TW3786 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC test. This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg for Partial-Body 1g SAR, 4.0 W/kg for Product Specific 10g SAR) specified in FCC 47 CFR part 2 (2.1093) , Human Exposure to RF Radiation Limits (1.0 mW/cm^2=10 W/m^2) specified in FCC 47 CFR part 1.1310 and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications.

Reviewed by: Jason Wang
Report Producer: Paula Chen



2. Equipment Under Test (EUT) Information

2.1 General Information

Product Feature & Specification	
Equipment Name	Phone
Model Name	G1AZG
FCC ID	A4RG1AZG
Wireless Technology and Frequency Range	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8 MHz WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV: 1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 14: 788 MHz ~ 798 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 48: 3550 MHz ~ 3700 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 663 MHz ~ 698 MHz 5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n7 : 2500 MHz ~ 2570 MHz 5G NR n12 : 699 MHz ~ 716 MHz 5G NR n25 : 1850 MHz ~ 1915 MHz 5G NR n30 : 2305 MHz ~ 2315 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n77: 3700 MHz ~ 3980 MHz, 3450MHz ~ 3550MHz WLAN 2.4 GHz Band: 2400 MHz ~ 2483.5 MHz WLAN 5.2 GHz Band: 5150 MHz ~ 5250 MHz WLAN 5.3 GHz Band: 5250 MHz ~ 5350 MHz WLAN 5.6 GHz Band: 5470 MHz ~ 5725 MHz WLAN 5.8 GHz Band: 5725 MHz ~ 5850 MHz WLAN 5.8G Band: 5725 MHz ~ 5850 MHz WLAN 5.8G UNII4 Band: 5850 MHz ~ 5895 MHz WLAN 6E: 5925 MHz ~ 6425 MHz, 6425 MHz ~ 6525 MHz, 6525 MHz ~ 6875 MHz, 6875 MHz ~ 7125 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz NFC : 13.56 MHz
Mode	GSM/GPRS/EGPRS RMC/AMR 12.2Kbps HSDPA HSUPA LTE: QPSK, 16QAM, 64QAM, 256QAM 5G NR: DFT-s-OFDM/CP-OFDM, Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM WLAN: 802.11a/b/g/n/ac/ax HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE NFC: ASK
GSM / (E)GPRS Transfer mode	Class B – EUT cannot support Packet Switched and Circuit Switched Network simultaneously but can automatically switch between Packet and Circuit Switched Network.
Remark:	<ol style="list-style-type: none"> Dynamic antenna tuning mechanism is available at Ant. 0 /1and for its <1GHz band, details are illustrated in the operational description This device WLAN 2.4GHz / 5.2GHz / 5.8GHz supports Hotspot operation and Bluetooth support tethering applications. The device implements the power management and sensor detection for SAR compliance at different exposure conditions (head, body-worn, hotspot/extremity) and the TAS feature will manage to ensure the power level not exceeding the associated power table. Details about the power management decision and sensor detection are provided in the operational description. For antenna 0/1/2/3/4/6, SAR data is reused from FCC ID: A4RGB62Z and, FCC ID: A4RGX7AS and spot check verification is provided in the spot check report FA161608-04E. Spot check procedures and data follow the FCC guidance in the lab KDB inquiry. This device has NFC operations, the NFC antenna is integrated into the device for this model, therefore, all SAR test were performed with the device which already incorporates the NFC antenna. A diagram showing the location of the antenna can be found in the operational description. According to FCC KDB publication 447498 D01v06, transmitters are consider to be operating simultaneously when there is overlapping transmission, with the exception of transmission during network hand-offs with maximum hand-off duration less than 30 seconds.



2.2 Maximum Tune-up Limit

General Note:

- 1. For each cellular band, the device has several WWAN antennas, the antenna selection is based on the connection quality condition, and only one antenna will transmit at a time.
2. The device implements the power management and sensor detection for SAR compliance at different exposure conditions (head, body-worn, hotspot, extremity) by output power index and the TAS feature will manage to ensure the power level not exceeding the associated power table. Details about the power management decision and sensor detection are provided in the operational description.
3. The following table shows maximum output power configurations for various exposure conditions (output power index) with tune-up tolerance accounted. For TAS enabled bands, the values associate with Plimit plus the total uncertainty, or Pmax plus total uncertainty when the derived Plimit is higher than Pmax.
4. The index 1 is for the mobile exposure condition, the compliance is demonstrated in Sporton's test report FA161608-04A.
5. SAR compliance for the scenario, when device in next-to-ear voice call with hotspot enabled, is justified via head SAR test at Power Index 3.

Table with 2 columns: Config* and Support transmit antenna and band. It lists configurations TX0 and TX1 with their respective antenna and band support details.



Maximum Transmit Burst Average Power (dBm)											
Band	Config	Antenna	Duty cycle	Mobile Condition	Head	Head	Hotspot	Body-worn/Extremity	Body-worn/Extremity	Head-Hotspot	
				Index 1	Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous	Simultaneous	
					Index 2	Index 3	Index 4	Index 5	Index 6	Index 7	
GSM850 GSM/GPRS 1TX	TX0	0	12.50%	33.50	33.50	33.50	33.50	33.50	33.50	33.50	
GSM850 GPRS 2TX	TX0	0	25.00%	32.50	32.50	32.50	32.50	32.50	32.50	32.50	
GSM850 GPRS 3TX	TX0	0	37.50%	31.50	31.50	31.50	31.50	31.50	31.50	31.50	
GSM850 GPRS 4TX	TX0	0	50.00%	30.50	30.50	30.50	30.50	30.50	30.50	30.50	
GSM850 EDGE 1TX	TX0	0	12.50%	28.00	28.00	28.00	28.00	28.00	28.00	28.00	
GSM850 EDGE 2TX	TX0	0	25.00%	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
GSM850 EDGE 3TX	TX0	0	37.50%	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
GSM850 EDGE 4TX	TX0	0	50.00%	25.50	25.50	25.50	25.50	25.50	25.50	25.50	
GSM1900 GSM/GPRS 1TX	TX0	2	12.50%	30.85	30.85	30.85	29.80	30.85	30.70	30.85	
GSM1900 GPRS 2TX	TX0	2	25.00%	29.35	29.35	29.35	26.80	28.50	27.70	29.35	
GSM1900 GPRS 3TX	TX0	2	37.50%	28.85	28.85	28.85	25.05	26.75	25.95	28.85	
GSM1900 GPRS 4TX	TX0	2	50.00%	27.85	27.85	27.85	23.80	25.50	24.70	27.85	
GSM1900 EDGE 1TX	TX0	2	12.50%	26.35	26.35	26.35	26.35	26.35	26.35	26.35	
GSM1900 EDGE 2TX	TX0	2	25.00%	24.85	24.85	24.85	24.85	24.85	24.85	24.85	
GSM1900 EDGE 3TX	TX0	2	37.50%	24.85	24.85	24.85	24.85	24.85	24.85	24.85	
GSM1900 EDGE 4TX	TX0	2	50.00%	23.85	23.85	23.85	23.80	23.85	23.85	23.85	
WCDMA B2	TX0	2	100.00%	25.25	25.25	25.25	20.90	22.10	21.30	25.25	
WCDMA B4	TX0	2	100.00%	25.25	25.25	25.25	22.00	23.30	22.50	25.25	
WCDMA B5	TX0	0	100.00%	25.30	25.30	25.30	25.30	25.30	25.30	25.30	
LTE B7	TX0	2	100.00%	25.20	25.20	25.20	20.20	21.00	21.00	25.20	
LTE B12/17	TX0	0	100.00%	25.30	25.30	25.30	25.30	25.30	25.30	25.30	
LTE B13	TX0	0	100.00%	25.30	25.30	25.30	25.30	25.30	25.30	25.30	
LTE B14	TX0	0	100.00%	25.50	25.50	25.50	25.50	25.50	25.50	25.50	
LTE B25/2	TX0	2	100.00%	25.50	25.50	25.50	20.90	22.10	21.30	25.50	
LTE B26/5	TX0	0	100.00%	25.50	25.50	25.50	25.50	25.50	25.50	25.50	
LTE B30	TX0	2	100.00%	24.60	24.60	24.60	22.60	23.40	22.60	24.60	
LTE B41/B38 PC3	TX0	2	63.30%	25.40	25.40	25.40	22.60	23.40	23.40	25.40	
LTE B38 PC2	TX0	2	43.30%	27.20	27.20	27.20	24.20	25.00	25.00	27.20	
LTE B41 PC2	TX0	2	43.30%	27.70	27.70	27.70	24.20	25.00	25.00	27.70	
LTE B48	TX0	6	63.30%	24.00	24.00	24.00	24.00	24.00	24.00	24.00	
LTE B66/4	TX0	2	100.00%	25.25	25.25	25.25	21.90	23.20	22.40	25.25	
LTE B71	TX0	0	100.00%	25.30	25.30	25.30	25.30	25.30	25.30	25.30	
FR1 n5	TX0	0	100.00%	25.50	25.50	25.50	25.50	25.50	25.50	25.50	
FR1 n7	TX0	2	100.00%	25.20	25.20	25.20	20.50	21.30	21.30	25.20	
FR1 n12	TX0	0	100.00%	25.30	25.30	25.30	25.30	25.30	25.30	25.30	
FR1 n25/2	TX0	2	100.00%	25.70	25.70	25.70	21.20	22.50	21.70	25.70	
FR1 n30	TX0	2	100.00%	24.60	24.60	24.60	23.10	23.90	23.10	24.60	
FR1 n38	TX0	5	100.00%	25.50	18.40	17.60	20.70	21.50	20.70	17.60	
FR1 n41 PC3	TX0	5	100.00%	25.70	18.60	17.80	20.90	21.70	20.90	17.80	
FR1 n41 PC2	TX0	5	50.00%	27.00	21.60	20.80	23.90	24.70	23.90	20.80	
FR1 n66	TX0	2	100.00%	25.25	25.25	25.25	22.70	23.70	22.90	25.25	
FR1 n71	TX0	0	100.00%	25.30	25.30	25.30	25.30	25.30	25.30	25.30	
FR1 n77 PC3	TX0	6	100.00%	25.00	25.00	25.00	21.60	22.40	21.60	25.00	
FR1 n77 PC2	TX0	6	50.00%	27.20	27.20	27.20	24.60	25.40	24.60	27.20	



Maximum Transmit Burst Average Power (dBm)											
Band	Config	Antenna	Duty cycle	Mobile Condition	Head	Head	Hotspot	Body-worn/Extremity	Body-worn/Extremity	Head-Hotspot	
				Index 1	Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous	Simultaneous	
					Index 2	Index 3	Index 4	Index 5	Index 6	Index 7	
GSM850 GSM/GPRS 1TX	TX1	1	12.50%	33.50	33.50	33.50	33.50	33.50	33.50	33.50	
GSM850 GPRS 2TX	TX1	1	25.00%	32.50	32.00	31.20	32.50	32.50	32.50	31.20	
GSM850 GPRS 3TX	TX1	1	37.50%	31.50	30.25	29.45	31.50	31.50	31.50	29.45	
GSM850 GPRS 4TX	TX1	1	50.00%	30.50	29.00	28.20	30.50	30.50	30.50	28.20	
GSM850 EDGE 1TX	TX1	1	12.50%	28.00	28.00	28.00	28.00	28.00	28.00	28.00	
GSM850 EDGE 2TX	TX1	1	25.00%	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
GSM850 EDGE 3TX	TX1	1	37.50%	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
GSM850 EDGE 4TX	TX1	1	50.00%	25.50	25.50	25.50	25.50	25.50	25.50	25.50	
GSM1900 GSM/GPRS 1TX	TX1	0	12.50%	31.00	31.00	31.00	31.00	31.00	31.00	31.00	
GSM1900 GPRS 2TX	TX1	0	25.00%	29.50	29.50	29.50	29.50	29.50	29.50	29.50	
GSM1900 GPRS 3TX	TX1	0	37.50%	29.00	29.00	29.00	29.00	29.00	29.00	29.00	
GSM1900 GPRS 4TX	TX1	0	50.00%	28.00	28.00	28.00	28.00	28.00	28.00	28.00	
GSM1900 EDGE 1TX	TX1	0	12.50%	26.50	26.50	26.50	26.50	26.50	26.50	26.50	
GSM1900 EDGE 2TX	TX1	0	25.00%	25.00	25.00	25.00	25.00	25.00	25.00	25.00	
GSM1900 EDGE 3TX	TX1	0	37.50%	25.00	25.00	25.00	25.00	25.00	25.00	25.00	
GSM1900 EDGE 4TX	TX1	0	50.00%	24.00	24.00	24.00	24.00	24.00	24.00	24.00	
WCDMA B2	TX1	0	100.00%	25.70	25.70	25.70	23.10	23.90	23.90	25.70	
WCDMA B4	TX1	0	100.00%	25.70	25.70	25.70	23.80	24.70	23.90	25.70	
WCDMA B5	TX1	1	100.00%	25.70	25.70	25.10	25.70	25.70	25.70	25.10	
LTE B7	TX1	0	100.00%	25.20	25.20	25.20	24.10	24.90	24.90	25.20	
LTE B12/17	TX1	1	100.00%	25.20	25.20	24.50	25.20	25.20	25.20	23.20	
LTE B13	TX1	1	100.00%	25.20	25.20	24.40	25.20	25.20	25.20	23.10	
LTE B14	TX1	1	100.00%	25.20	25.20	24.40	25.20	25.20	25.20	24.40	
LTE B25/2	TX1	0	100.00%	25.20	25.20	25.20	22.60	23.40	23.40	25.20	
LTE B26/5	TX1	1	100.00%	25.20	25.20	25.20	25.20	25.20	25.20	25.20	
LTE B30	TX1	0	100.00%	25.00	25.00	25.00	22.90	23.70	23.70	25.00	
LTE B41/B38 PC3	TX1	0	63.30%	25.20	25.20	25.20	25.20	25.20	25.20	25.20	
LTE B41/B38 PC2	TX1	0	43.30%	27.20	27.20	27.20	27.20	27.20	27.20	27.20	
LTE B48	TX1	2	63.30%	23.20	23.20	23.20	23.20	23.20	23.20	23.20	
LTE B66/4	TX1	0	100.00%	25.20	25.20	25.20	23.50	24.70	23.90	25.20	
LTE B71	TX1	1	100.00%	25.20	25.20	25.20	25.20	25.20	25.20	24.20	
FR1 n5	TX1	1	100.00%	25.20	25.20	25.20	25.20	25.20	25.20	25.20	
FR1 n7	TX1	0	100.00%	25.20	25.20	25.20	24.20	25.00	25.00	25.20	
FR1 n12	TX1	1	100.00%	25.20	25.20	25.20	25.20	25.20	25.20	25.00	
FR1 n25/2	TX1	0	100.00%	25.70	25.70	25.70	23.20	24.00	24.00	25.70	
FR1 n30	TX1	0	100.00%	25.00	25.00	25.00	23.50	24.30	24.30	25.00	
FR1 n66	TX1	0	100.00%	25.70	25.70	25.70	23.90	25.00	24.20	25.70	
FR1 n71	TX1	1	100.00%	25.20	25.20	25.20	25.20	25.20	25.20	25.00	
FR1 n77 PC3	TX1	2	100.00%	23.75	23.75	23.75	22.80	23.60	22.80	23.75	
FR1 n77 PC2	TX1	2	50.00%	25.90	25.90	25.90	25.80	25.90	25.80	25.90	



<WLAN Maximum Power>

General Note:

1. The device implements the power management for WLAN SAR compliance for different exposure conditions and user cases. When the device is operated against the user's head, power index 1-4 are used; when the device is operated in the body-worn or extremity condition, power index 5-9 are used. Full details about the proprietary power management decision are illustrated in the operational description.
2. 4+3(4): power level on antenna 4, when device operated in MIMO mode (4+3)

<2.4GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	22.00
		6	2437	22.00
		11	2462	22.00
		12	2467	22.00
		13	2472	22.00

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	22.00
		6	2437	22.00
		11	2462	22.00
		12	2467	22.00
		13	2472	22.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11g 6Mbps	1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
		13	2472	17.50	17.50	20.5
	802.11n-HT20 MCS0	1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	13	2472	17.50	17.50	20.5
		1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
	802.11ax-HE20 MCS0	12	2467	19.00	19.00	22.0
		13	2472	17.50	17.50	20.5
		1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
		13	2472	17.50	17.50	20.5



<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3	
5.2GHz WLAN	802.11a 6Mbps	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11n-HT20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11n-HT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11ac-VHT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	19.00	19.00	22.0
	802.11ac-VHT80 MCS0	42	5210	16.50	16.50	19.5
	802.11ax-HE20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
48		5240	20.00	20.00	23.0	
802.11ax-HE40 MCS0	38	5190	16.00	16.00	19.0	
	46	5230	19.00	19.00	22.0	
802.11ax-HE80 MCS0	42	5210	16.50	16.50	19.5	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
5.3GHz WLAN	802.11a 6Mbps	52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	19.00	19.00	22.0
		64	5320	19.50	19.50	22.5
	802.11n-HT20 MCS0	52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	20.00	20.00	23.0
		64	5320	20.00	20.00	23.0
	802.11n-HT40 MCS0	54	5270	19.00	19.00	22.0
		62	5310	17.00	17.00	20.0
	802.11ac-VHT20 MCS0	52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	20.00	20.00	23.0
		64	5320	20.00	20.00	23.0
	802.11ac-VHT40 MCS0	54	5270	19.00	19.00	22.0
		62	5310	17.00	17.00	20.0
	802.11ac-VHT80 MCS0	58	5290	15.50	15.50	18.5
	802.11ac-VHT160 MCS0	50	5250	14.00	14.00	17.0
	802.11ax-HE20 MCS0	52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
60		5300	20.00	20.00	23.0	
64		5320	20.00	20.00	23.0	
802.11ax-HE40 MCS0	54	5270	19.00	19.00	22.0	
	62	5310	17.00	17.00	20.0	
802.11ax-HE80 MCS0	58	5290	15.50	15.50	18.5	
802.11ax-HE160 MCS0	50	5250	14.00	14.00	17.0	



Burst Average Power (dBm)						
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
5.5GHz WLAN	802.11a 6Mbps	100	5500	20.00	20.00	23.0
		116	5580	20.00	20.00	23.0
		124	5620	20.00	20.00	23.0
		132	5660	20.00	20.00	23.0
		144	5720	20.00	20.00	23.0
	802.11n-HT20 MCS0	100	5500	19.50	19.50	22.5
		116	5580	20.00	20.00	23.0
		124	5620	20.00	20.00	23.0
		132	5660	20.00	20.00	23.0
		144	5720	20.00	20.00	23.0
	802.11n-HT40 MCS0	102	5510	17.00	17.00	20.0
		110	5550	19.00	19.00	22.0
		126	5630	19.00	19.00	22.0
		134	5670	19.00	19.00	22.0
		142	5710	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	100	5500	19.50	19.50	22.5
		116	5580	20.00	20.00	23.0
		124	5620	20.00	20.00	23.0
		132	5660	20.00	20.00	23.0
		144	5720	20.00	20.00	23.0
802.11ac-VHT40 MCS0	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
802.11ac-VHT80 MCS0	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
802.11ac-VHT160 MCS0	114	5570	15.00	15.00	18.0	
802.11ax-HE20 MCS0	100	5500	19.50	19.50	22.5	
	116	5580	20.00	20.00	23.0	
	124	5620	20.00	20.00	23.0	
	132	5660	20.00	20.00	23.0	
	144	5720	20.00	20.00	23.0	
802.11ax-HE40 MCS0	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
802.11ax-HE80 MCS0	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
802.11ax-HE160 MCS0	114	5570	15.00	15.00	18.0	



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	20.00	20.00	23.0
		157	5785	20.00	20.00	23.0
		165	5825	20.00	20.00	23.0
	802.11n-HT20 MCS0	149	5745	20.00	20.00	23.0
		157	5785	20.00	20.00	23.0
		165	5825	20.00	20.00	23.0
	802.11n-HT40 MCS0	151	5755	19.00	19.00	22.0
		159	5795	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	149	5745	20.00	20.00	23.0
		157	5785	20.00	20.00	23.0
		165	5825	20.00	20.00	23.0
	802.11ac-VHT40 MCS0	151	5755	19.00	19.00	22.0
		159	5795	19.00	19.00	22.0
802.11ac-VHT80 MCS0	155	5775	19.00	19.00	22.0	
802.11ax-HE20 MCS0	149	5745	20.00	20.00	23.0	
	157	5785	20.00	20.00	23.0	
	165	5825	20.00	20.00	23.0	
802.11ax-HE40 MCS0	151	5755	19.00	19.00	22.0	
	159	5795	19.00	19.00	22.0	
802.11ax-HE80 MCS0	155	5775	19.00	19.00	22.0	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	20.00	20.00	23.0
		173	5865	20.00	20.00	23.0
		177	5885	20.00	20.00	23.0
	802.11n-HT20 MCS0	169	5845	20.00	20.00	23.0
		173	5865	20.00	20.00	23.0
		177	5885	20.00	20.00	23.0
	802.11n-HT40 MCS0	167	5835	19.00	19.00	22.0
		175	5875	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	169	5845	20.00	20.00	23.0
		173	5865	20.00	20.00	23.0
		177	5885	20.00	20.00	23.0
	802.11ac-VHT40 MCS0	167	5835	19.00	19.00	22.0
		175	5875	19.00	19.00	22.0
	802.11ac-VHT80 MCS0	171	5855	19.00	19.00	22.0
	802.11ac-VHT160 MCS0	163	5815	19.00	19.00	22.0
	802.11ax-HE20 MCS0	169	5845	20.00	20.00	23.0
173		5865	20.00	20.00	23.0	
177		5885	20.00	20.00	23.0	
802.11ax-HE40 MCS0	167	5835	19.00	19.00	22.0	
	175	5875	19.00	19.00	22.0	
802.11ax-HE80 MCS0	171	5855	19.00	19.00	22.0	
802.11ax-HE160 MCS0	163	5815	19.00	19.00	22.0	



<Power Index 1>
<2.4GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	18.50
		6	2437	18.50
		11	2462	18.50
		12	2467	18.50
		13	2472	18.50

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	18.50
		6	2437	18.50
		11	2462	18.50
		12	2467	18.50
		13	2472	18.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11g 6Mbps	1	2412	18.50	18.50	21.5
		6	2437	18.50	18.50	21.5
		11	2462	18.50	18.50	21.5
		12	2467	18.50	18.50	21.5
		13	2472	17.50	17.50	20.5
	802.11n-HT20 MCS0	1	2412	18.50	18.50	21.5
		6	2437	18.50	18.50	21.5
		11	2462	18.50	18.50	21.5
		12	2467	18.50	18.50	21.5
		13	2472	17.50	17.50	20.5
	802.11ac-VHT20 MCS0	1	2412	18.50	18.50	21.5
		6	2437	18.50	18.50	21.5
		11	2462	18.50	18.50	21.5
		12	2467	18.50	18.50	21.5
		13	2472	17.50	17.50	20.5
	802.11ax-HE20 MCS0	1	2412	18.50	18.50	21.5
		6	2437	18.50	18.50	21.5
		11	2462	18.50	18.50	21.5
		12	2467	18.50	18.50	21.5
13		2472	17.50	17.50	20.5	



<5GHz WLAN>

Burst Average Power (dBm)						
5.2GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	36	5180	15.00	13.50	17.3
		40	5200	15.00	13.50	17.3
		44	5220	15.00	13.50	17.3
		48	5240	15.00	13.50	17.3
	802.11n-HT20 MCS0	36	5180	15.00	13.50	17.3
		40	5200	15.00	13.50	17.3
		44	5220	15.00	13.50	17.3
	802.11n-HT40 MCS0	38	5190	15.00	13.50	17.3
		46	5230	15.00	13.50	17.3
	802.11ac-VHT20 MCS0	36	5180	15.00	13.50	17.3
		40	5200	15.00	13.50	17.3
		44	5220	15.00	13.50	17.3
	802.11ac-VHT40 MCS0	38	5190	15.00	13.50	17.3
		46	5230	15.00	13.50	17.3
	802.11ac-VHT80 MCS0	42	5210	15.00	13.50	17.3
	802.11ax-HE20 MCS0	36	5180	15.00	13.50	17.3
		40	5200	15.00	13.50	17.3
		44	5220	15.00	13.50	17.3
	802.11ax-HE40 MCS0	38	5190	15.00	13.50	17.3
		46	5230	15.00	13.50	17.3
802.11ax-HE80 MCS0	42	5210	15.00	13.50	17.3	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps		52	5260	15.00	13.50	17.3
		56	5280	15.00	13.50	17.3
		60	5300	15.00	13.50	17.3
		64	5320	15.00	13.50	17.3
802.11n-HT20 MCS0		52	5260	15.00	13.50	17.3
		56	5280	15.00	13.50	17.3
		60	5300	15.00	13.50	17.3
		64	5320	15.00	13.50	17.3
802.11n-HT40 MCS0		54	5270	15.00	13.50	17.3
		62	5310	15.00	13.50	17.3
802.11ac-VHT20 MCS0		52	5260	15.00	13.50	17.3
		56	5280	15.00	13.50	17.3
		60	5300	15.00	13.50	17.3
		64	5320	15.00	13.50	17.3
802.11ac-VHT40 MCS0		54	5270	15.00	13.50	17.3
		62	5310	15.00	13.50	17.3
802.11ac-VHT80 MCS0		58	5290	15.00	13.50	17.3
802.11ac-VHT160 MCS0		50	5250	14.00	13.50	16.8
802.11ax-HE20 MCS0		52	5260	15.00	13.50	17.3
		56	5280	15.00	13.50	17.3
		60	5300	15.00	13.50	17.3
		64	5320	15.00	13.50	17.3
802.11ax-HE40 MCS0		54	5270	15.00	13.50	17.3
		62	5310	15.00	13.50	17.3
802.11ax-HE80 MCS0		58	5290	15.00	13.50	17.3
802.11ax-HE160 MCS0		50	5250	14.00	13.50	16.8



Burst Average Power (dBm)							
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3			
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3	
802.11a 6Mbps	802.11a 6Mbps	100	5500	15.00	14.00	17.5	
		116	5580	15.00	14.00	17.5	
		124	5620	15.00	14.00	17.5	
		132	5660	15.00	14.00	17.5	
		144	5720	15.00	14.00	17.5	
	802.11n-HT20 MCS0	802.11n-HT20 MCS0	100	5500	15.00	14.00	17.5
			116	5580	15.00	14.00	17.5
			124	5620	15.00	14.00	17.5
			132	5660	15.00	14.00	17.5
	802.11n-HT40 MCS0	802.11n-HT40 MCS0	102	5510	15.00	14.00	17.5
			110	5550	15.00	14.00	17.5
			126	5630	15.00	14.00	17.5
134			5670	15.00	14.00	17.5	
802.11ac-VHT20 MCS0	802.11ac-VHT20 MCS0	142	5710	15.00	14.00	17.5	
		100	5500	15.00	14.00	17.5	
		116	5580	15.00	14.00	17.5	
		124	5620	15.00	14.00	17.5	
802.11ac-VHT40 MCS0	802.11ac-VHT40 MCS0	132	5660	15.00	14.00	17.5	
		144	5720	15.00	14.00	17.5	
		102	5510	15.00	14.00	17.5	
		110	5550	15.00	14.00	17.5	
802.11ac-VHT80 MCS0	802.11ac-VHT80 MCS0	126	5630	15.00	14.00	17.5	
		134	5670	15.00	14.00	17.5	
		142	5710	15.00	14.00	17.5	
		106	5530	15.00	14.00	17.5	
802.11ac-VHT160 MCS0	802.11ac-VHT160 MCS0	122	5610	15.00	14.00	17.5	
		138	5690	15.00	14.00	17.5	
802.11ax-HE20 MCS0	802.11ax-HE20 MCS0	114	5570	15.00	14.00	17.5	
		100	5500	15.00	14.00	17.5	
		116	5580	15.00	14.00	17.5	
		124	5620	15.00	14.00	17.5	
		132	5660	15.00	14.00	17.5	
802.11ax-HE40 MCS0	802.11ax-HE40 MCS0	144	5720	15.00	14.00	17.5	
		102	5510	15.00	14.00	17.5	
		110	5550	15.00	14.00	17.5	
		126	5630	15.00	14.00	17.5	
802.11ax-HE80 MCS0	802.11ax-HE80 MCS0	134	5670	15.00	14.00	17.5	
		142	5710	15.00	14.00	17.5	
		106	5530	15.00	14.00	17.5	
802.11ax-HE160 MCS0	802.11ax-HE160 MCS0	122	5610	15.00	14.00	17.5	
		138	5690	15.00	14.00	17.5	
114	5570	15.00	14.00	17.5			



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	15.50	13.50	17.6
		157	5785	15.50	13.50	17.6
		165	5825	15.50	13.50	17.6
	802.11n-HT20 MCS0	149	5745	15.50	13.50	17.6
		157	5785	15.50	13.50	17.6
		165	5825	15.50	13.50	17.6
	802.11n-HT40 MCS0	151	5755	15.50	13.50	17.6
		159	5795	15.50	13.50	17.6
	802.11ac-VHT20 MCS0	149	5745	15.50	13.50	17.6
		157	5785	15.50	13.50	17.6
		165	5825	15.50	13.50	17.6
	802.11ac-VHT40 MCS0	151	5755	15.50	13.50	17.6
		159	5795	15.50	13.50	17.6
802.11ac-VHT80 MCS0	155	5775	15.50	13.50	17.6	
802.11ax-HE20 MCS0	149	5745	15.50	13.50	17.6	
	157	5785	15.50	13.50	17.6	
	165	5825	15.50	13.50	17.6	
802.11ax-HE40 MCS0	151	5755	15.50	13.50	17.6	
	159	5795	15.50	13.50	17.6	
802.11ax-HE80 MCS0	155	5775	15.50	13.50	17.6	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	16.00	13.50	17.9
		173	5865	16.00	13.50	17.9
		177	5885	16.00	13.50	17.9
	802.11n-HT20 MCS0	169	5845	16.00	13.50	17.9
		173	5865	16.00	13.50	17.9
		177	5885	16.00	13.50	17.9
	802.11n-HT40 MCS0	167	5835	16.00	13.50	17.9
		175	5875	16.00	13.50	17.9
	802.11ac-VHT20 MCS0	169	5845	16.00	13.50	17.9
		173	5865	16.00	13.50	17.9
		177	5885	16.00	13.50	17.9
	802.11ac-VHT40 MCS0	167	5835	16.00	13.50	17.9
		175	5875	16.00	13.50	17.9
	802.11ac-VHT80 MCS0	171	5855	16.00	13.50	17.9
	802.11ac-VHT160 MCS0	163	5815	16.00	13.50	17.9
802.11ax-HE20 MCS0	169	5845	16.00	13.50	17.9	
	173	5865	16.00	13.50	17.9	
	177	5885	16.00	13.50	17.9	
802.11ax-HE40 MCS0	167	5835	16.00	13.50	17.9	
	175	5875	16.00	13.50	17.9	
802.11ax-HE80 MCS0	171	5855	16.00	13.50	17.9	
802.11ax-HE160 MCS0	163	5815	16.00	13.50	17.9	



<Power Index 2>

<2.4GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	16.50
		6	2437	16.50
		11	2462	16.50
		12	2467	16.50
		13	2472	16.50

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	16.00
		6	2437	16.00
		11	2462	16.00
		12	2467	16.00
		13	2472	16.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11g 6Mbps	1	2412	16.50	16.00	19.3
		6	2437	16.50	16.00	19.3
		11	2462	16.50	16.00	19.3
		12	2467	16.50	16.00	19.3
		13	2472	16.50	16.00	19.3
	802.11n-HT20 MCS0	1	2412	16.50	16.00	19.3
		6	2437	16.50	16.00	19.3
		11	2462	16.50	16.00	19.3
		12	2467	16.50	16.00	19.3
		13	2472	16.50	16.00	19.3
	802.11ac-VHT20 MCS0	1	2412	16.50	16.00	19.3
		6	2437	16.50	16.00	19.3
		11	2462	16.50	16.00	19.3
		12	2467	16.50	16.00	19.3
		13	2472	16.50	16.00	19.3
	802.11ax-HE20 MCS0	1	2412	16.50	16.00	19.3
		6	2437	16.50	16.00	19.3
		11	2462	16.50	16.00	19.3
		12	2467	16.50	16.00	19.3
13		2472	16.50	16.00	19.3	



<5GHz WLAN>

Burst Average Power (dBm)						
5.2GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	36	5180	14.50	12.50	16.6
		40	5200	14.50	12.50	16.6
		44	5220	14.50	12.50	16.6
		48	5240	14.50	12.50	16.6
	802.11n-HT20 MCS0	36	5180	14.50	12.50	16.6
		40	5200	14.50	12.50	16.6
		44	5220	14.50	12.50	16.6
	802.11n-HT40 MCS0	38	5190	14.50	12.50	16.6
		46	5230	14.50	12.50	16.6
	802.11ac-VHT20 MCS0	36	5180	14.50	12.50	16.6
		40	5200	14.50	12.50	16.6
		44	5220	14.50	12.50	16.6
	802.11ac-VHT40 MCS0	38	5190	14.50	12.50	16.6
		46	5230	14.50	12.50	16.6
	802.11ac-VHT80 MCS0	42	5210	14.50	12.50	16.6
	802.11ax-HE20 MCS0	36	5180	14.50	12.50	16.6
		40	5200	14.50	12.50	16.6
		44	5220	14.50	12.50	16.6
	802.11ax-HE40 MCS0	38	5190	14.50	12.50	16.6
		46	5230	14.50	12.50	16.6
802.11ax-HE80 MCS0	42	5210	14.50	12.50	16.6	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.50	12.50	16.6
		56	5280	14.50	12.50	16.6
		60	5300	14.50	12.50	16.6
		64	5320	14.50	12.50	16.6
	802.11n-HT20 MCS0	52	5260	14.50	12.50	16.6
		56	5280	14.50	12.50	16.6
		60	5300	14.50	12.50	16.6
		64	5320	14.50	12.50	16.6
	802.11n-HT40 MCS0	54	5270	14.50	12.50	16.6
		62	5310	14.50	12.50	16.6
	802.11ac-VHT20 MCS0	52	5260	14.50	12.50	16.6
		56	5280	14.50	12.50	16.6
		60	5300	14.50	12.50	16.6
		64	5320	14.50	12.50	16.6
	802.11ac-VHT40 MCS0	54	5270	14.50	12.50	16.6
		62	5310	14.50	12.50	16.6
	802.11ac-VHT80 MCS0	58	5290	14.50	12.50	16.6
	802.11ac-VHT160 MCS0	50	5250	14.00	12.50	16.3
	802.11ax-HE20 MCS0	52	5260	14.50	12.50	16.6
		56	5280	14.50	12.50	16.6
60		5300	14.50	12.50	16.6	
64		5320	14.50	12.50	16.6	
802.11ax-HE40 MCS0	54	5270	14.50	12.50	16.6	
	62	5310	14.50	12.50	16.6	
802.11ax-HE80 MCS0	58	5290	14.50	12.50	16.6	
802.11ax-HE160 MCS0	50	5250	14	12.50	16.3	



Burst Average Power (dBm)						
	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
5.5GHz WLAN	802.11a 6Mbps	100	5500	14.50	12.50	16.6
		116	5580	14.50	12.50	16.6
		124	5620	14.50	12.50	16.6
		132	5660	14.50	12.50	16.6
		144	5720	14.50	12.50	16.6
	802.11n-HT20 MCS0	100	5500	14.50	12.50	16.6
		116	5580	14.50	12.50	16.6
		124	5620	14.50	12.50	16.6
		132	5660	14.50	12.50	16.6
		144	5720	14.50	12.50	16.6
	802.11n-HT40 MCS0	102	5510	14.50	12.50	16.6
		110	5550	14.50	12.50	16.6
		126	5630	14.50	12.50	16.6
		134	5670	14.50	12.50	16.6
		142	5710	14.50	12.50	16.6
	802.11ac-VHT20 MCS0	100	5500	14.50	12.50	16.6
		116	5580	14.50	12.50	16.6
		124	5620	14.50	12.50	16.6
		132	5660	14.50	12.50	16.6
		144	5720	14.50	12.50	16.6
	802.11ac-VHT40 MCS0	102	5510	14.50	12.50	16.6
		110	5550	14.50	12.50	16.6
		126	5630	14.50	12.50	16.6
		134	5670	14.50	12.50	16.6
		142	5710	14.50	12.50	16.6
	802.11ac-VHT80 MCS0	106	5530	14.50	12.50	16.6
		122	5610	14.50	12.50	16.6
		138	5690	14.50	12.50	16.6
	802.11ac-VHT160 MCS0	114	5570	14.50	12.50	16.6
	802.11ax-HE20 MCS0	100	5500	14.50	12.50	16.6
		116	5580	14.50	12.50	16.6
		124	5620	14.50	12.50	16.6
132		5660	14.50	12.50	16.6	
144		5720	14.50	12.50	16.6	
802.11ax-HE40 MCS0	102	5510	14.50	12.50	16.6	
	110	5550	14.50	12.50	16.6	
	126	5630	14.50	12.50	16.6	
	134	5670	14.50	12.50	16.6	
	142	5710	14.50	12.50	16.6	
802.11ax-HE80 MCS0	106	5530	14.50	12.50	16.6	
	122	5610	14.50	12.50	16.6	
	138	5690	14.50	12.50	16.6	
802.11ax-HE160 MCS0	114	5570	14.50	12.50	16.6	



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	15.00	13.00	17.1
		157	5785	15.00	13.00	17.1
		165	5825	15.00	13.00	17.1
	802.11n-HT20 MCS0	149	5745	15.00	13.00	17.1
		157	5785	15.00	13.00	17.1
		165	5825	15.00	13.00	17.1
	802.11n-HT40 MCS0	151	5755	15.00	13.00	17.1
		159	5795	15.00	13.00	17.1
	802.11ac-VHT20 MCS0	149	5745	15.00	13.00	17.1
		157	5785	15.00	13.00	17.1
		165	5825	15.00	13.00	17.1
	802.11ac-VHT40 MCS0	151	5755	15.00	13.00	17.1
		159	5795	15.00	13.00	17.1
802.11ac-VHT80 MCS0	155	5775	15.00	13.00	17.1	
802.11ax-HE20 MCS0	149	5745	15.00	13.00	17.1	
	157	5785	15.00	13.00	17.1	
	165	5825	15.00	13.00	17.1	
802.11ax-HE40 MCS0	151	5755	15.00	13.00	17.1	
	159	5795	15.00	13.00	17.1	
802.11ax-HE80 MCS0	155	5775	15.00	13.00	17.1	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	15.50	12.50	17.3
		173	5865	15.50	12.50	17.3
		177	5885	15.50	12.50	17.3
	802.11n-HT20 MCS0	169	5845	15.50	12.50	17.3
		173	5865	15.50	12.50	17.3
		177	5885	15.50	12.50	17.3
	802.11n-HT40 MCS0	167	5835	15.50	12.50	17.3
		175	5875	15.50	12.50	17.3
	802.11ac-VHT20 MCS0	169	5845	15.50	12.50	17.3
		173	5865	15.50	12.50	17.3
		177	5885	15.50	12.50	17.3
	802.11ac-VHT40 MCS0	167	5835	15.50	12.50	17.3
		175	5875	15.50	12.50	17.3
	802.11ac-VHT80 MCS0	171	5855	15.50	12.50	17.3
	802.11ac-VHT160 MCS0	163	5815	15.50	12.50	17.3
802.11ax-HE20 MCS0	169	5845	15.50	12.50	17.3	
	173	5865	15.50	12.50	17.3	
	177	5885	15.50	12.50	17.3	
802.11ax-HE40 MCS0	167	5835	15.50	12.50	17.3	
	175	5875	15.50	12.50	17.3	
802.11ax-HE80 MCS0	171	5855	15.50	12.50	17.3	
802.11ax-HE160 MCS0	163	5815	15.50	12.50	17.3	



<Power Index 3>

<2.4GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	16.50
		6	2437	16.50
		11	2462	16.50
		12	2467	16.50
		13	2472	16.50

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	16.00
		6	2437	16.00
		11	2462	16.00
		12	2467	16.00
		13	2472	16.00

Burst Average Power (dBm)							
Transmit Antenna				MIMO Ant 4+3			
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3	
	802.11g 6Mbps	1	2412	16.50	16.00	19.3	
		6	2437	16.50	16.00	19.3	
		11	2462	16.50	16.00	19.3	
		12	2467	16.50	16.00	19.3	
		13	2472	16.50	16.00	19.3	
	802.11n-HT20 MCS0	1	2412	16.50	16.00	19.3	
		6	2437	16.50	16.00	19.3	
		11	2462	16.50	16.00	19.3	
		12	2467	16.50	16.00	19.3	
	802.11ac-VHT20 MCS0	1	2412	16.50	16.00	19.3	
		6	2437	16.50	16.00	19.3	
		11	2462	16.50	16.00	19.3	
		12	2467	16.50	16.00	19.3	
	802.11ax-HE20 MCS0	1	2412	16.50	16.00	19.3	
		6	2437	16.50	16.00	19.3	
		11	2462	16.50	16.00	19.3	
		12	2467	16.50	16.00	19.3	
			13	2472	16.50	16.00	19.3



<5GHz WLAN>

Burst Average Power (dBm)						
5.2GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	36	5180	11.00	8.50	12.9
		40	5200	11.00	8.50	12.9
		44	5220	11.00	8.50	12.9
		48	5240	11.00	8.50	12.9
	802.11n-HT20 MCS0	36	5180	11.00	8.50	12.9
		40	5200	11.00	8.50	12.9
		44	5220	11.00	8.50	12.9
	802.11n-HT40 MCS0	38	5190	11.00	8.50	12.9
		46	5230	11.00	8.50	12.9
	802.11ac-VHT20 MCS0	36	5180	11.00	8.50	12.9
		40	5200	11.00	8.50	12.9
		44	5220	11.00	8.50	12.9
	802.11ac-VHT40 MCS0	38	5190	11.00	8.50	12.9
		46	5230	11.00	8.50	12.9
	802.11ac-VHT80 MCS0	42	5210	11.00	8.50	12.9
	802.11ax-HE20 MCS0	36	5180	11.00	8.50	12.9
		40	5200	11.00	8.50	12.9
		44	5220	11.00	8.50	12.9
	802.11ax-HE40 MCS0	38	5190	11.00	8.50	12.9
		46	5230	11.00	8.50	12.9
802.11ax-HE80 MCS0	42	5210	11.00	8.50	12.9	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps		52	5260	11.00	8.50	12.9
		56	5280	11.00	8.50	12.9
		60	5300	11.00	8.50	12.9
		64	5320	11.00	8.50	12.9
802.11n-HT20 MCS0		52	5260	11.00	8.50	12.9
		56	5280	11.00	8.50	12.9
		60	5300	11.00	8.50	12.9
		64	5320	11.00	8.50	12.9
802.11n-HT40 MCS0		54	5270	11.00	8.50	12.9
		62	5310	11.00	8.50	12.9
802.11ac-VHT20 MCS0		52	5260	11.00	8.50	12.9
		56	5280	11.00	8.50	12.9
		60	5300	11.00	8.50	12.9
		64	5320	11.00	8.50	12.9
802.11ac-VHT40 MCS0		54	5270	11.00	8.50	12.9
		62	5310	11.00	8.50	12.9
802.11ac-VHT80 MCS0		58	5290	11.00	8.50	12.9
802.11ac-VHT160 MCS0		50	5250	11.00	8.50	12.9
802.11ax-HE20 MCS0		52	5260	11.00	8.50	12.9
		56	5280	11.00	8.50	12.9
		60	5300	11.00	8.50	12.9
		64	5320	11.00	8.50	12.9
802.11ax-HE40 MCS0		54	5270	11.00	8.50	12.9
		62	5310	11.00	8.50	12.9
802.11ax-HE80 MCS0		58	5290	11.00	8.50	12.9
802.11ax-HE160 MCS0		50	5250	11.00	8.50	12.9



Burst Average Power (dBm)							
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3			
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3	
802.11a 6Mbps	802.11a 6Mbps	100	5500	11.00	9.50	13.3	
		116	5580	11.00	9.50	13.3	
		124	5620	11.00	9.50	13.3	
		132	5660	11.00	9.50	13.3	
		144	5720	11.00	9.50	13.3	
	802.11n-HT20 MCS0	802.11n-HT20 MCS0	100	5500	11.00	9.50	13.3
			116	5580	11.00	9.50	13.3
			124	5620	11.00	9.50	13.3
			132	5660	11.00	9.50	13.3
	802.11n-HT40 MCS0	802.11n-HT40 MCS0	102	5510	11.00	9.50	13.3
			110	5550	11.00	9.50	13.3
			126	5630	11.00	9.50	13.3
			134	5670	11.00	9.50	13.3
	802.11ac-VHT20 MCS0	802.11ac-VHT20 MCS0	142	5710	11.00	9.50	13.3
			100	5500	11.00	9.50	13.3
			116	5580	11.00	9.50	13.3
124			5620	11.00	9.50	13.3	
802.11ac-VHT40 MCS0	802.11ac-VHT40 MCS0	132	5660	11.00	9.50	13.3	
		144	5720	11.00	9.50	13.3	
		102	5510	11.00	9.50	13.3	
		110	5550	11.00	9.50	13.3	
802.11ac-VHT80 MCS0	802.11ac-VHT80 MCS0	126	5630	11.00	9.50	13.3	
		134	5670	11.00	9.50	13.3	
		142	5710	11.00	9.50	13.3	
		106	5530	11.00	9.50	13.3	
802.11ac-VHT160 MCS0	802.11ac-VHT160 MCS0	122	5610	11.00	9.50	13.3	
		138	5690	11.00	9.50	13.3	
		114	5570	11.00	9.50	13.3	
802.11ax-HE20 MCS0	802.11ax-HE20 MCS0	100	5500	11.00	9.50	13.3	
		116	5580	11.00	9.50	13.3	
		124	5620	11.00	9.50	13.3	
		132	5660	11.00	9.50	13.3	
		144	5720	11.00	9.50	13.3	
802.11ax-HE40 MCS0	802.11ax-HE40 MCS0	102	5510	11.00	9.50	13.3	
		110	5550	11.00	9.50	13.3	
		126	5630	11.00	9.50	13.3	
		134	5670	11.00	9.50	13.3	
802.11ax-HE80 MCS0	802.11ax-HE80 MCS0	142	5710	11.00	9.50	13.3	
		106	5530	11.00	9.50	13.3	
		122	5610	11.00	9.50	13.3	
802.11ax-HE160 MCS0	802.11ax-HE160 MCS0	138	5690	11.00	9.50	13.3	
		114	5570	11.00	9.50	13.3	



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	12.00	9.00	13.8
		157	5785	12.00	9.00	13.8
		165	5825	12.00	9.00	13.8
	802.11n-HT20 MCS0	149	5745	12.00	9.00	13.8
		157	5785	12.00	9.00	13.8
		165	5825	12.00	9.00	13.8
	802.11n-HT40 MCS0	151	5755	12.00	9.00	13.8
		159	5795	12.00	9.00	13.8
	802.11ac-VHT20 MCS0	149	5745	12.00	9.00	13.8
		157	5785	12.00	9.00	13.8
		165	5825	12.00	9.00	13.8
	802.11ac-VHT40 MCS0	151	5755	12.00	9.00	13.8
		159	5795	12.00	9.00	13.8
802.11ac-VHT80 MCS0	155	5775	12.00	9.00	13.8	
802.11ax-HE20 MCS0	149	5745	12.00	9.00	13.8	
	157	5785	12.00	9.00	13.8	
	165	5825	12.00	9.00	13.8	
802.11ax-HE40 MCS0	151	5755	12.00	9.00	13.8	
	159	5795	12.00	9.00	13.8	
802.11ax-HE80 MCS0	155	5775	12.00	9.00	13.8	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	12.00	9.00	13.8
		173	5865	12.00	9.00	13.8
		177	5885	12.00	9.00	13.8
	802.11n-HT20 MCS0	169	5845	12.00	9.00	13.8
		173	5865	12.00	9.00	13.8
		177	5885	12.00	9.00	13.8
	802.11n-HT40 MCS0	167	5835	12.00	9.00	13.8
		175	5875	12.00	9.00	13.8
	802.11ac-VHT20 MCS0	169	5845	12.00	9.00	13.8
		173	5865	12.00	9.00	13.8
		177	5885	12.00	9.00	13.8
	802.11ac-VHT40 MCS0	167	5835	12.00	9.00	13.8
		175	5875	12.00	9.00	13.8
	802.11ac-VHT80 MCS0	171	5855	12.00	9.00	13.8
	802.11ac-VHT160 MCS0	163	5815	12.00	9.00	13.8
	802.11ax-HE20 MCS0	169	5845	12.00	9.00	13.8
173		5865	12.00	9.00	13.8	
177		5885	12.00	9.00	13.8	
802.11ax-HE40 MCS0	167	5835	12.00	9.00	13.8	
	175	5875	12.00	9.00	13.8	
802.11ax-HE80 MCS0	171	5855	12.00	9.00	13.8	
802.11ax-HE160 MCS0	163	5815	12.00	9.00	13.8	



<Power Index 4>

<2.4GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	11.00
		6	2437	11.00
		11	2462	11.00
		12	2467	11.00
		13	2472	11.00

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	11.00
		6	2437	11.00
		11	2462	11.00
		12	2467	11.00
		13	2472	11.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11g 6Mbps	1	2412	11.00	11.00	14.0
		6	2437	11.00	11.00	14.0
		11	2462	11.00	11.00	14.0
		12	2467	11.00	11.00	14.0
		13	2472	11.00	11.00	14.0
	802.11n-HT20 MCS0	1	2412	11.00	11.00	14.0
		6	2437	11.00	11.00	14.0
		11	2462	11.00	11.00	14.0
		12	2467	11.00	11.00	14.0
		13	2472	11.00	11.00	14.0
	802.11ac-VHT20 MCS0	1	2412	11.00	11.00	14.0
		6	2437	11.00	11.00	14.0
		11	2462	11.00	11.00	14.0
		12	2467	11.00	11.00	14.0
		13	2472	11.00	11.00	14.0
	802.11ax-HE20 MCS0	1	2412	11.00	11.00	14.0
		6	2437	11.00	11.00	14.0
		11	2462	11.00	11.00	14.0
		12	2467	11.00	11.00	14.0
13		2472	11.00	11.00	14.0	



<5GHz WLAN>

Burst Average Power (dBm)						
5.2GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	36	5180	11.00	8.50	12.9
		40	5200	11.00	8.50	12.9
		44	5220	11.00	8.50	12.9
		48	5240	11.00	8.50	12.9
	802.11n-HT20 MCS0	36	5180	11.00	8.50	12.9
		40	5200	11.00	8.50	12.9
		44	5220	11.00	8.50	12.9
		48	5240	11.00	8.50	12.9
	802.11n-HT40 MCS0	38	5190	11.00	8.50	12.9
		46	5230	11.00	8.50	12.9
	802.11ac-VHT20 MCS0	36	5180	11.00	8.50	12.9
		40	5200	11.00	8.50	12.9
		44	5220	11.00	8.50	12.9
		48	5240	11.00	8.50	12.9
	802.11ac-VHT40 MCS0	38	5190	11.00	8.50	12.9
		46	5230	11.00	8.50	12.9
	802.11ac-VHT80 MCS0	42	5210	11.00	8.50	12.9
	802.11ax-HE20 MCS0	36	5180	11.00	8.50	12.9
		40	5200	11.00	8.50	12.9
		44	5220	11.00	8.50	12.9
48		5240	11.00	8.50	12.9	
802.11ax-HE40 MCS0	38	5190	11.00	8.50	12.9	
	46	5230	11.00	8.50	12.9	
802.11ax-HE80 MCS0	42	5210	11.00	8.50	12.9	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps		52	5260	11.00	8.50	12.9
		56	5280	11.00	8.50	12.9
		60	5300	11.00	8.50	12.9
		64	5320	11.00	8.50	12.9
802.11n-HT20 MCS0		52	5260	11.00	8.50	12.9
		56	5280	11.00	8.50	12.9
		60	5300	11.00	8.50	12.9
		64	5320	11.00	8.50	12.9
802.11n-HT40 MCS0		54	5270	11.00	8.50	12.9
		62	5310	11.00	8.50	12.9
802.11ac-VHT20 MCS0		52	5260	11.00	8.50	12.9
		56	5280	11.00	8.50	12.9
		60	5300	11.00	8.50	12.9
		64	5320	11.00	8.50	12.9
802.11ac-VHT40 MCS0		54	5270	11.00	8.50	12.9
		62	5310	11.00	8.50	12.9
802.11ac-VHT80 MCS0		58	5290	11.00	8.50	12.9
802.11ac-VHT160 MCS0		50	5250	11.00	8.50	12.9
802.11ax-HE20 MCS0		52	5260	11.00	8.50	12.9
		56	5280	11.00	8.50	12.9
		60	5300	11.00	8.50	12.9
		64	5320	11.00	8.50	12.9
802.11ax-HE40 MCS0		54	5270	11.00	8.50	12.9
		62	5310	11.00	8.50	12.9
802.11ax-HE80 MCS0		58	5290	11.00	8.50	12.9
802.11ax-HE160 MCS0		50	5250	11.00	8.50	12.9



Burst Average Power (dBm)						
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
5.5GHz WLAN	802.11a 6Mbps	100	5500	10.50	9.00	12.8
		116	5580	10.50	9.00	12.8
		124	5620	10.50	9.00	12.8
		132	5660	10.50	9.00	12.8
		144	5720	10.50	9.00	12.8
	802.11n-HT20 MCS0	100	5500	10.50	9.00	12.8
		116	5580	10.50	9.00	12.8
		124	5620	10.50	9.00	12.8
		132	5660	10.50	9.00	12.8
	802.11n-HT40 MCS0	102	5510	10.50	9.00	12.8
		110	5550	10.50	9.00	12.8
		126	5630	10.50	9.00	12.8
		134	5670	10.50	9.00	12.8
	802.11ac-VHT20 MCS0	100	5500	10.50	9.00	12.8
		116	5580	10.50	9.00	12.8
		124	5620	10.50	9.00	12.8
		132	5660	10.50	9.00	12.8
	802.11ac-VHT40 MCS0	102	5510	10.50	9.00	12.8
		110	5550	10.50	9.00	12.8
		126	5630	10.50	9.00	12.8
134		5670	10.50	9.00	12.8	
802.11ac-VHT80 MCS0	106	5530	10.50	9.00	12.8	
	122	5610	10.50	9.00	12.8	
	138	5690	10.50	9.00	12.8	
802.11ac-VHT160 MCS0	114	5570	10.50	9.00	12.8	
802.11ax-HE20 MCS0	100	5500	10.50	9.00	12.8	
	116	5580	10.50	9.00	12.8	
	124	5620	10.50	9.00	12.8	
	132	5660	10.50	9.00	12.8	
	144	5720	10.50	9.00	12.8	
802.11ax-HE40 MCS0	102	5510	10.50	9.00	12.8	
	110	5550	10.50	9.00	12.8	
	126	5630	10.50	9.00	12.8	
	134	5670	10.50	9.00	12.8	
802.11ax-HE80 MCS0	106	5530	10.50	9.00	12.8	
	122	5610	10.50	9.00	12.8	
	138	5690	10.50	9.00	12.8	
802.11ax-HE160 MCS0	114	5570	10.50	9.00	12.8	



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	12.00	9.00	13.8
		157	5785	12.00	9.00	13.8
		165	5825	12.00	9.00	13.8
	802.11n-HT20 MCS0	149	5745	12.00	9.00	13.8
		157	5785	12.00	9.00	13.8
		165	5825	12.00	9.00	13.8
	802.11n-HT40 MCS0	151	5755	12.00	9.00	13.8
		159	5795	12.00	9.00	13.8
	802.11ac-VHT20 MCS0	149	5745	12.00	9.00	13.8
		157	5785	12.00	9.00	13.8
		165	5825	12.00	9.00	13.8
	802.11ac-VHT40 MCS0	151	5755	12.00	9.00	13.8
		159	5795	12.00	9.00	13.8
802.11ac-VHT80 MCS0	155	5775	12.00	9.00	13.8	
802.11ax-HE20 MCS0	149	5745	12.00	9.00	13.8	
	157	5785	12.00	9.00	13.8	
	165	5825	12.00	9.00	13.8	
802.11ax-HE40 MCS0	151	5755	12.00	9.00	13.8	
	159	5795	12.00	9.00	13.8	
802.11ax-HE80 MCS0	155	5775	12.00	9.00	13.8	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	12.00	9.00	13.8
		173	5865	12.00	9.00	13.8
		177	5885	12.00	9.00	13.8
	802.11n-HT20 MCS0	169	5845	12.00	9.00	13.8
		173	5865	12.00	9.00	13.8
		177	5885	12.00	9.00	13.8
	802.11n-HT40 MCS0	167	5835	12.00	9.00	13.8
		175	5875	12.00	9.00	13.8
	802.11ac-VHT20 MCS0	169	5845	12.00	9.00	13.8
		173	5865	12.00	9.00	13.8
		177	5885	12.00	9.00	13.8
	802.11ac-VHT40 MCS0	167	5835	12.00	9.00	13.8
		175	5875	12.00	9.00	13.8
	802.11ac-VHT80 MCS0	171	5855	12.00	9.00	13.8
	802.11ac-VHT160 MCS0	163	5815	12.00	9.00	13.8
	802.11ax-HE20 MCS0	169	5845	12.00	9.00	13.8
173		5865	12.00	9.00	13.8	
177		5885	12.00	9.00	13.8	
802.11ax-HE40 MCS0	167	5835	12.00	9.00	13.8	
	175	5875	12.00	9.00	13.8	
802.11ax-HE80 MCS0	171	5855	12.00	9.00	13.8	
802.11ax-HE160 MCS0	163	5815	12.00	9.00	13.8	



<Power Index 5>

<2.4GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	22.00
		6	2437	22.00
		11	2462	22.00
		12	2467	22.00
		13	2472	22.00

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	22.00
		6	2437	22.00
		11	2462	22.00
		12	2467	22.00
		13	2472	22.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11g 6Mbps	1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
		13	2472	17.50	17.50	20.5
	802.11n-HT20 MCS0	1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	13	2472	17.50	17.50	20.5
		1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
	802.11ax-HE20 MCS0	13	2472	17.50	17.50	20.5
		1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
		13	2472	17.50	17.50	20.5



<5GHz WLAN>

Burst Average Power (dBm)						
5.2GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11n-HT20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11n-HT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11ac-VHT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	19.00	19.00	22.0
	802.11ac-VHT80 MCS0	42	5210	16.50	16.50	19.5
	802.11ax-HE20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
48		5240	20.00	20.00	23.0	
802.11ax-HE40 MCS0	38	5190	16.00	16.00	19.0	
	46	5230	19.00	19.00	22.0	
802.11ax-HE80 MCS0	42	5210	16.50	16.50	19.5	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps		52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	19.00	19.00	22.0
		64	5320	19.50	19.50	22.5
802.11n-HT20 MCS0		52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	20.00	20.00	23.0
		64	5320	20.00	20.00	23.0
802.11n-HT40 MCS0		54	5270	19.00	19.00	22.0
		62	5310	17.00	17.00	20.0
802.11ac-VHT20 MCS0		52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	20.00	20.00	23.0
		64	5320	20.00	20.00	23.0
802.11ac-VHT40 MCS0		54	5270	19.00	19.00	22.0
		62	5310	17.00	17.00	20.0
802.11ac-VHT80 MCS0		58	5290	15.50	15.50	18.5
802.11ac-VHT160 MCS0		50	5250	14.00	14.00	17.0
802.11ax-HE20 MCS0		52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	20.00	20.00	23.0
		64	5320	20.00	20.00	23.0
802.11ax-HE40 MCS0		54	5270	19.00	19.00	22.0
		62	5310	16.50	16.50	19.5
802.11ax-HE80 MCS0		58	5290	15.50	15.50	18.5
802.11ax-HE160 MCS0		50	5250	14.00	14.00	17.0



Burst Average Power (dBm)						
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps	100	100	5500	19.00	20.00	22.5
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
	116	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
	124	102	5510	17.00	17.00	20.0
		110	5550	19.00	19.00	22.0
		126	5630	19.00	19.00	22.0
134		5670	19.00	19.00	22.0	
132	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
144	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	
802.11ac-VHT20 MCS0	100	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
116	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
124	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
132	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	
802.11ac-VHT40 MCS0	100	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
116	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
124	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
132	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	
802.11ac-VHT80 MCS0	100	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
116	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
124	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
132	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	
802.11ac-VHT160 MCS0	100	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
116	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
124	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
132	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	
802.11ax-HE20 MCS0	100	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
116	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
124	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
132	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	
802.11ax-HE40 MCS0	100	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
116	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
124	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
132	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	
802.11ax-HE80 MCS0	100	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
116	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
124	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
132	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	
802.11ax-HE160 MCS0	100	100	5500	19.00	19.50	22.3
		116	5580	19.00	20.00	22.5
		124	5620	19.00	20.00	22.5
		132	5660	19.00	20.00	22.5
		144	5720	19.00	20.00	22.5
116	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	134	5670	19.00	19.00	22.0	
124	102	5510	17.00	17.00	20.0	
	110	5550	19.00	19.00	22.0	
	126	5630	19.00	19.00	22.0	
	142	5710	19.00	19.00	22.0	
132	106	5530	16.00	16.00	19.0	
	122	5610	19.00	19.00	22.0	
	138	5690	19.00	19.00	22.0	
	114	5570	15.00	15.00	18.0	



Burst Average Power (dBm)						
5.8GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps		149	5745	18.50	20.00	22.3
		157	5785	18.50	20.00	22.3
		165	5825	18.50	20.00	22.3
802.11n-HT20 MCS0		149	5745	18.50	20.00	22.3
		157	5785	18.50	20.00	22.3
		165	5825	18.50	20.00	22.3
802.11n-HT40 MCS0		151	5755	18.50	19.00	21.8
		159	5795	18.50	19.00	21.8
802.11ac-VHT20 MCS0		149	5745	18.50	20.00	22.3
		157	5785	18.50	20.00	22.3
		165	5825	18.50	20.00	22.3
802.11ac-VHT40 MCS0		151	5755	18.50	19.00	21.8
		159	5795	18.50	19.00	21.8
802.11ac-VHT80 MCS0		155	5775	18.50	19.00	21.8
802.11ax-HE20 MCS0		149	5745	18.50	20.00	22.3
		157	5785	18.50	20.00	22.3
		165	5825	18.50	20.00	22.3
802.11ax-HE40 MCS0		151	5755	18.50	19.00	21.8
		159	5795	18.50	19.00	21.8
802.11ax-HE80 MCS0		155	5775	18.50	19.00	21.8

Burst Average Power (dBm)						
5.8GHz UnII4	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps		169	5845	18.50	20.00	22.3
		173	5865	18.50	20.00	22.3
		177	5885	18.50	20.00	22.3
802.11n-HT20 MCS0		169	5845	18.50	20.00	22.3
		173	5865	18.50	20.00	22.3
		177	5885	18.50	20.00	22.3
802.11n-HT40 MCS0		167	5835	18.50	19.00	21.8
		175	5875	18.50	19.00	21.8
802.11ac-VHT20 MCS0		169	5845	18.50	20.00	22.3
		173	5865	18.50	20.00	22.3
		177	5885	18.50	20.00	22.3
802.11ac-VHT40 MCS0		167	5835	18.50	19.00	21.8
		175	5875	18.50	19.00	21.8
802.11ac-VHT80 MCS0		171	5855	18.50	19.00	21.8
802.11ac-VHT160 MCS0		163	5815	18.50	19.00	21.8
802.11ax-HE20 MCS0		169	5845	18.50	20.00	22.3
		173	5865	18.50	20.00	22.3
		177	5885	18.50	20.00	22.3
802.11ax-HE40 MCS0		167	5835	18.50	19.00	21.8
		175	5875	18.50	19.00	21.8
802.11ax-HE80 MCS0		171	5855	18.50	19.00	21.8
802.11ax-HE160 MCS0		163	5815	18.50	19.00	21.8



<Power Index 6>

<2.4GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	22.00
		6	2437	22.00
		11	2462	22.00
		12	2467	22.00
		13	2472	22.00

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	22.00
		6	2437	22.00
		11	2462	22.00
		12	2467	22.00
		13	2472	22.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11g 6Mbps	1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
		13	2472	17.50	17.50	20.5
	802.11n-HT20 MCS0	1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	1	2412	18.50	18.50	21.5
		6	2437	21.50	21.50	24.5
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
	802.11ax-HE20 MCS0	1	2412	17.50	17.50	20.5
		6	2437	18.00	18.00	21.0
		11	2462	21.00	21.00	24.0
		12	2467	19.00	19.00	22.0
		13	2472	19.00	19.00	22.0



<5GHz WLAN>

Burst Average Power (dBm)						
5.2GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11n-HT20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11n-HT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
		48	5240	20.00	20.00	23.0
	802.11ac-VHT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	19.00	19.00	22.0
	802.11ac-VHT80 MCS0	42	5210	16.50	16.50	19.5
	802.11ax-HE20 MCS0	36	5180	20.00	20.00	23.0
		40	5200	20.00	20.00	23.0
		44	5220	20.00	20.00	23.0
48		5240	20.00	20.00	23.0	
802.11ax-HE40 MCS0	38	5190	16.00	16.00	19.0	
	46	5230	19.00	19.00	22.0	
802.11ax-HE80 MCS0	42	5210	16.50	16.50	19.5	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps		52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	19.00	19.00	22.0
		64	5320	19.50	19.50	22.5
802.11n-HT20 MCS0		52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	20.00	20.00	23.0
		64	5320	20.00	20.00	23.0
802.11n-HT40 MCS0		54	5270	19.00	19.00	22.0
		62	5310	17.00	17.00	20.0
802.11ac-VHT20 MCS0		52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	20.00	20.00	23.0
		64	5320	20.00	20.00	23.0
802.11ac-VHT40 MCS0		54	5270	19.00	19.00	22.0
		62	5310	17.00	17.00	20.0
802.11ac-VHT80 MCS0		58	5290	15.50	15.50	18.5
802.11ac-VHT160 MCS0		50	5250	14.00	14.00	17.0
802.11ax-HE20 MCS0		52	5260	20.00	20.00	23.0
		56	5280	20.00	20.00	23.0
		60	5300	20.00	20.00	23.0
		64	5320	20.00	20.00	23.0
802.11ax-HE40 MCS0		54	5270	19.00	19.00	22.0
		62	5310	16.50	16.50	19.5
802.11ax-HE80 MCS0		58	5290	15.50	15.50	18.5
802.11ax-HE160 MCS0		50	5250	14.00	14.00	17.0



Burst Average Power (dBm)						
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps	802.11a 6Mbps	100	5500	18.50	20.00	22.3
		116	5580	18.50	20.00	22.3
		124	5620	18.50	20.00	22.3
		132	5660	18.50	20.00	22.3
		144	5720	18.50	20.00	22.3
	802.11n-HT20 MCS0	100	5500	18.50	19.50	22.0
		116	5580	18.50	20.00	22.3
		124	5620	18.50	20.00	22.3
		144	5720	18.50	20.00	22.3
	802.11n-HT40 MCS0	102	5510	17.00	17.00	20.0
110		5550	18.50	19.00	21.8	
126		5630	18.50	19.00	21.8	
134		5670	18.50	19.00	21.8	
802.11ac-VHT20 MCS0	102	5510	17.00	17.00	20.0	
	110	5550	18.50	19.00	21.8	
	126	5630	18.50	19.00	21.8	
	134	5670	18.50	19.00	21.8	
802.11ac-VHT40 MCS0	106	5530	16.00	16.00	19.0	
	122	5610	18.50	19.00	21.8	
	138	5690	18.50	19.00	21.8	
	114	5570	15.00	15.00	18.0	
802.11ac-VHT80 MCS0	100	5500	18.50	19.50	22.0	
	116	5580	18.50	20.00	22.3	
	124	5620	18.50	20.00	22.3	
	132	5660	18.50	20.00	22.3	
802.11ac-VHT160 MCS0	100	5500	18.50	19.50	22.0	
	116	5580	18.50	20.00	22.3	
	124	5620	18.50	20.00	22.3	
	132	5660	18.50	20.00	22.3	
802.11ax-HE20 MCS0	102	5510	17.00	17.00	20.0	
	110	5550	18.50	19.00	21.8	
	126	5630	18.50	19.00	21.8	
	134	5670	18.50	19.00	21.8	
802.11ax-HE40 MCS0	102	5510	17.00	17.00	20.0	
	110	5550	18.50	19.00	21.8	
	126	5630	18.50	19.00	21.8	
	134	5670	18.50	19.00	21.8	
802.11ax-HE80 MCS0	102	5510	17.00	17.00	20.0	
	110	5550	18.50	19.00	21.8	
	126	5630	18.50	19.00	21.8	
	134	5670	18.50	19.00	21.8	
802.11ax-HE160 MCS0	106	5530	16.00	16.00	19.0	
	122	5610	18.50	19.00	21.8	
	138	5690	18.50	19.00	21.8	
	114	5570	15.00	15.00	18.0	



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	17.50	19.50	21.6
		157	5785	17.50	19.50	21.6
		165	5825	17.50	19.50	21.6
	802.11n-HT20 MCS0	149	5745	17.50	19.50	21.6
		157	5785	17.50	19.50	21.6
		165	5825	17.50	19.50	21.6
	802.11n-HT40 MCS0	151	5755	17.50	19.00	21.3
		159	5795	17.50	19.00	21.3
	802.11ac-VHT20 MCS0	149	5745	17.50	19.50	21.6
		157	5785	17.50	19.50	21.6
		165	5825	17.50	19.50	21.6
	802.11ac-VHT40 MCS0	151	5755	17.50	19.00	21.3
		159	5795	17.50	19.00	21.3
802.11ac-VHT80 MCS0	155	5775	17.50	19.00	21.3	
802.11ax-HE20 MCS0	149	5745	17.50	19.50	21.6	
	157	5785	17.50	19.50	21.6	
	165	5825	17.50	19.50	21.6	
802.11ax-HE40 MCS0	151	5755	17.50	19.00	21.3	
	159	5795	17.50	19.00	21.3	
802.11ax-HE80 MCS0	155	5775	17.50	19.00	21.3	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	17.50	19.50	21.6
		173	5865	17.50	19.50	21.6
		177	5885	17.50	19.50	21.6
	802.11n-HT20 MCS0	169	5845	17.50	19.50	21.6
		173	5865	17.50	19.50	21.6
		177	5885	17.50	19.50	21.6
	802.11n-HT40 MCS0	167	5835	17.50	19.00	21.3
		175	5875	17.50	19.00	21.3
	802.11ac-VHT20 MCS0	169	5845	17.50	19.50	21.6
		173	5865	17.50	19.50	21.6
		177	5885	17.50	19.50	21.6
	802.11ac-VHT40 MCS0	167	5835	17.50	19.00	21.3
		175	5875	17.50	19.00	21.3
	802.11ac-VHT80 MCS0	171	5855	17.50	19.00	21.3
	802.11ac-VHT160 MCS0	163	5815	17.50	19.00	21.3
802.11ax-HE20 MCS0	169	5845	17.50	19.50	21.6	
	173	5865	17.50	19.50	21.6	
	177	5885	17.50	19.50	21.6	
802.11ax-HE40 MCS0	167	5835	17.50	19.00	21.3	
	175	5875	17.50	19.00	21.3	
802.11ax-HE80 MCS0	171	5855	17.50	19.00	21.3	
802.11ax-HE160 MCS0	163	5815	17.50	19.00	21.3	



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<2.4GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	20.00
		6	2437	20.00
		11	2462	20.00
		12	2467	20.00
13		2472	20.00	

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	20.50
		6	2437	20.50
		11	2462	20.50
		12	2467	20.50
13		2472	20.50	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11g 6Mbps	1	2412	18.50	18.50	21.5
		6	2437	20.00	20.50	23.3
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
		13	2472	17.50	17.50	20.5
	802.11n-HT20 MCS0	1	2412	18.50	18.50	21.5
		6	2437	20.00	20.50	23.3
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
	802.11ac-VHT20 MCS0	13	2472	17.50	17.50	20.5
		1	2412	18.50	18.50	21.5
		6	2437	20.00	20.50	23.3
		11	2462	19.50	19.50	22.5
	802.11ax-HE20 MCS0	12	2467	19.00	19.00	22.0
		13	2472	17.50	17.50	20.5
		1	2412	18.50	18.50	21.5
		6	2437	20.00	20.50	23.3
		11	2462	19.50	19.50	22.5
		12	2467	19.00	19.00	22.0
13		2472	17.50	17.50	20.5	



<5 GHz WLAN>

Burst Average Power (dBm)						
5.2GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	36	5180	16.00	17.00	19.5
		40	5200	16.00	17.00	19.5
		44	5220	16.00	17.00	19.5
		48	5240	16.00	17.00	19.5
	802.11n-HT20 MCS0	36	5180	16.00	17.00	19.5
		40	5200	16.00	17.00	19.5
		44	5220	16.00	17.00	19.5
		48	5240	16.00	17.00	19.5
	802.11n-HT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	16.00	17.00	19.5
	802.11ac-VHT20 MCS0	36	5180	16.00	17.00	19.5
		40	5200	16.00	17.00	19.5
		44	5220	16.00	17.00	19.5
		48	5240	16.00	17.00	19.5
	802.11ac-VHT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	16.00	17.00	19.5
	802.11ac-VHT80 MCS0	42	5210	16.00	16.50	19.3
	802.11ax-HE20 MCS0	36	5180	16.00	17.00	19.5
		40	5200	16.00	17.00	19.5
		44	5220	16.00	17.00	19.5
48		5240	16.00	17.00	19.5	
802.11ax-HE40 MCS0	38	5190	16.00	16.00	19.0	
	46	5230	16.00	17.00	19.5	
802.11ax-HE80 MCS0	42	5210	16.00	16.50	19.3	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps		52	5260	16.00	17.00	19.5
		56	5280	16.00	17.00	19.5
		60	5300	16.00	17.00	19.5
		64	5320	16.00	17.00	19.5
802.11n-HT20 MCS0		52	5260	16.00	17.00	19.5
		56	5280	16.00	17.00	19.5
		60	5300	16.00	17.00	19.5
		64	5320	16.00	17.00	19.5
802.11n-HT40 MCS0		54	5270	16.00	17.00	19.5
		62	5310	16.00	17.00	19.5
802.11ac-VHT20 MCS0		52	5260	16.00	17.00	19.5
		56	5280	16.00	17.00	19.5
		60	5300	16.00	17.00	19.5
		64	5320	16.00	17.00	19.5
802.11ac-VHT40 MCS0		54	5270	16.00	17.00	19.5
		62	5310	16.00	17.00	19.5
802.11ac-VHT80 MCS0		58	5290	15.50	15.50	18.5
802.11ac-VHT160 MCS0		50	5250	14.00	14.00	17.0
802.11ax-HE20 MCS0		52	5260	16.00	17.00	19.5
		56	5280	16.00	17.00	19.5
		60	5300	16.00	17.00	19.5
		64	5320	16.00	17.00	19.5
802.11ax-HE40 MCS0		54	5270	16.00	17.00	19.5
		62	5310	16.00	17.00	19.5
802.11ax-HE80 MCS0		58	5290	15.50	15.50	18.5
802.11ax-HE160 MCS0		50	5250	14.00	14.00	17.0



Burst Average Power (dBm)						
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
802.11a 6Mbps	100	100	5500	15.50	20.00	21.3
		116	5580	15.50	20.00	21.3
		124	5620	15.50	20.00	21.3
		132	5660	15.50	20.00	21.3
		144	5720	15.50	20.00	21.3
	116	100	5500	15.50	19.50	21.0
		116	5580	15.50	20.00	21.3
		124	5620	15.50	20.00	21.3
		132	5660	15.50	20.00	21.3
		144	5720	15.50	20.00	21.3
124	102	5510	15.50	17.00	19.3	
	110	5550	15.50	19.00	20.6	
	126	5630	15.50	19.00	20.6	
	134	5670	15.50	19.00	20.6	
	142	5710	15.50	19.00	20.6	
132	100	5500	15.50	19.50	21.0	
	116	5580	15.50	20.00	21.3	
	124	5620	15.50	20.00	21.3	
	132	5660	15.50	20.00	21.3	
	144	5720	15.50	20.00	21.3	
144	102	5510	15.50	17.00	19.3	
	110	5550	15.50	19.00	20.6	
	126	5630	15.50	19.00	20.6	
	134	5670	15.50	19.00	20.6	
	142	5710	15.50	19.00	20.6	
802.11ac-VHT20 MCS0	106	5530	15.50	16.00	18.8	
	122	5610	15.50	19.00	20.6	
	138	5690	15.50	19.00	20.6	
802.11ac-VHT40 MCS0	114	5570	15.00	15.00	18.0	
	100	5500	15.50	19.50	21.0	
	116	5580	15.50	20.00	21.3	
802.11ac-VHT80 MCS0	124	5620	15.50	20.00	21.3	
	132	5660	15.50	20.00	21.3	
	144	5720	15.50	20.00	21.3	
	102	5510	15.50	17.00	19.3	
	110	5550	15.50	19.00	20.6	
802.11ac-VHT160 MCS0	126	5630	15.50	19.00	20.6	
	134	5670	15.50	19.00	20.6	
	142	5710	15.50	19.00	20.6	
	106	5530	15.50	16.00	18.8	
	122	5610	15.50	19.00	20.6	
802.11ax-HE20 MCS0	138	5690	15.50	19.00	20.6	
	100	5500	15.50	19.50	21.0	
	116	5580	15.50	20.00	21.3	
	124	5620	15.50	20.00	21.3	
	132	5660	15.50	20.00	21.3	
802.11ax-HE40 MCS0	144	5720	15.50	20.00	21.3	
	102	5510	15.50	17.00	19.3	
	110	5550	15.50	19.00	20.6	
	126	5630	15.50	19.00	20.6	
	134	5670	15.50	19.00	20.6	
802.11ax-HE80 MCS0	142	5710	15.50	19.00	20.6	
	106	5530	15.50	16.00	18.8	
	122	5610	15.50	19.00	20.6	
	138	5690	15.50	19.00	20.6	
	114	5570	15.00	15.00	18.0	
802.11ax-HE160 MCS0	106	5530	15.50	16.00	18.8	
	122	5610	15.50	19.00	20.6	



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	15.50	17.50	19.6
		157	5785	15.50	17.50	19.6
		165	5825	15.50	17.50	19.6
	802.11n-HT20 MCS0	149	5745	15.50	17.50	19.6
		157	5785	15.50	17.50	19.6
		165	5825	15.50	17.50	19.6
	802.11n-HT40 MCS0	151	5755	15.50	17.50	19.6
		159	5795	15.50	17.50	19.6
	802.11ac-VHT20 MCS0	149	5745	15.50	17.50	19.6
		157	5785	15.50	17.50	19.6
		165	5825	15.50	17.50	19.6
	802.11ac-VHT40 MCS0	151	5755	15.50	17.50	19.6
		159	5795	15.50	17.50	19.6
802.11ac-VHT80 MCS0	155	5775	15.50	17.50	19.6	
802.11ax-HE20 MCS0	149	5745	15.50	17.50	19.6	
	157	5785	15.50	17.50	19.6	
	165	5825	15.50	17.50	19.6	
802.11ax-HE40 MCS0	151	5755	15.50	17.50	19.6	
	159	5795	15.50	17.50	19.6	
802.11ax-HE80 MCS0	155	5775	15.50	17.50	19.6	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	15.50	17.50	19.6
		173	5865	15.50	17.50	19.6
		177	5885	15.50	17.50	19.6
	802.11n-HT20 MCS0	169	5845	15.50	17.50	19.6
		173	5865	15.50	17.50	19.6
		177	5885	15.50	17.50	19.6
	802.11n-HT40 MCS0	167	5835	15.50	17.50	19.6
		175	5875	15.50	17.50	19.6
	802.11ac-VHT20 MCS0	169	5845	15.50	17.50	19.6
		173	5865	15.50	17.50	19.6
		177	5885	15.50	17.50	19.6
	802.11ac-VHT40 MCS0	167	5835	15.50	17.50	19.6
		175	5875	15.50	17.50	19.6
	802.11ac-VHT80 MCS0	171	5855	15.50	17.50	19.6
	802.11ac-VHT160 MCS0	163	5815	15.50	17.50	19.6
802.11ax-HE20 MCS0	169	5845	15.50	17.50	19.6	
	173	5865	15.50	17.50	19.6	
	177	5885	15.50	17.50	19.6	
802.11ax-HE40 MCS0	167	5835	15.50	17.50	19.6	
	175	5875	15.50	17.50	19.6	
802.11ax-HE80 MCS0	171	5855	15.50	17.50	19.6	
802.11ax-HE160 MCS0	163	5815	15.50	17.50	19.6	



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<2.4 GHz WLAN>

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 4
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	17.00
		6	2437	17.00
		11	2462	17.00
		12	2467	17.00
		13	2472	17.00

Burst Average Power (dBm)				
Transmit Antenna				SISO Ant 3
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit
	802.11b 1Mbps	1	2412	18.00
		6	2437	18.00
		11	2462	18.00
		12	2467	18.00
		13	2472	18.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11g 6Mbps	1	2412	17.00	18.00	20.5
		6	2437	17.00	18.00	20.5
		11	2462	17.00	18.00	20.5
		12	2467	17.00	18.00	20.5
		13	2472	17.00	17.50	20.3
	802.11n-HT20 MCS0	1	2412	17.00	18.00	20.5
		6	2437	17.00	18.00	20.5
		11	2462	17.00	18.00	20.5
		12	2467	17.00	18.00	20.5
	802.11ac-VHT20 MCS0	13	2472	17.00	17.50	20.3
		1	2412	17.00	18.00	20.5
		6	2437	17.00	18.00	20.5
		11	2462	17.00	18.00	20.5
		12	2467	17.00	18.00	20.5
	802.11ax-HE20 MCS0	13	2472	17.00	17.50	20.3
		1	2412	17.00	18.00	20.5
		6	2437	17.00	18.00	20.5
		11	2462	17.00	18.00	20.5
		12	2467	17.00	18.00	20.5
		13	2472	17.00	17.50	20.3

<5 GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3	
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.00	15.00	18.0
		40	5200	15.00	15.00	18.0
		44	5220	15.00	15.00	18.0
		48	5240	15.00	15.00	18.0
	802.11n-HT20 MCS0	36	5180	15.00	15.00	18.0
		40	5200	15.00	15.00	18.0
		44	5220	15.00	15.00	18.0
		48	5240	15.00	15.00	18.0
	802.11n-HT40 MCS0	38	5190	15.00	15.00	18.0
		46	5230	15.00	15.00	18.0
	802.11ac-VHT20 MCS0	36	5180	15.00	15.00	18.0
		40	5200	15.00	15.00	18.0
		44	5220	15.00	15.00	18.0
		48	5240	15.00	15.00	18.0
	802.11ac-VHT40 MCS0	38	5190	15.00	15.00	18.0
		46	5230	15.00	15.00	18.0
	802.11ac-VHT80 MCS0	42	5210	15.00	15.00	18.0
	802.11ax-HE20 MCS0	36	5180	15.00	15.00	18.0
		40	5200	15.00	15.00	18.0
		44	5220	15.00	15.00	18.0
48		5240	15.00	15.00	18.0	
802.11ax-HE40 MCS0	38	5190	15.00	15.00	18.0	
	46	5230	15.00	15.00	18.0	
802.11ax-HE80 MCS0	42	5210	15.00	15.00	18.0	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
5.3GHz WLAN	802.11a 6Mbps	52	5260	15.00	15.00	18.0
		56	5280	15.00	15.00	18.0
		60	5300	15.00	15.00	18.0
		64	5320	15.00	15.00	18.0
	802.11n-HT20 MCS0	52	5260	15.00	15.00	18.0
		56	5280	15.00	15.00	18.0
		60	5300	15.00	15.00	18.0
		64	5320	15.00	15.00	18.0
	802.11n-HT40 MCS0	54	5270	15.00	15.00	18.0
		62	5310	15.00	15.00	18.0
	802.11ac-VHT20 MCS0	52	5260	15.00	15.00	18.0
		56	5280	15.00	15.00	18.0
		60	5300	15.00	15.00	18.0
		64	5320	15.00	15.00	18.0
	802.11ac-VHT40 MCS0	54	5270	15.00	15.00	18.0
		62	5310	15.00	15.00	18.0
802.11ac-VHT80 MCS0	58	5290	15.00	15.00	18.0	
802.11ac-VHT160 MCS0	50	5250	14.00	14.00	17.0	
802.11ax-HE20 MCS0	52	5260	15.00	15.00	18.0	
	56	5280	15.00	15.00	18.0	
	60	5300	15.00	15.00	18.0	
	64	5320	15.00	15.00	18.0	
802.11ax-HE40 MCS0	54	5270	15.00	15.00	18.0	
	62	5310	15.00	15.00	18.0	
802.11ax-HE80 MCS0	58	5290	15.00	15.00	18.0	
802.11ax-HE160 MCS0	50	5250	14.00	14.00	17.0	



Burst Average Power (dBm)							
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3			
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3	
802.11a 6Mbps	802.11a 6Mbps	100	5500	13.00	17.00	18.5	
		116	5580	13.00	17.00	18.5	
		124	5620	13.00	17.00	18.5	
		132	5660	13.00	17.00	18.5	
		144	5720	13.00	17.00	18.5	
	802.11n-HT20 MCS0	802.11n-HT20 MCS0	100	5500	13.00	17.00	18.5
			116	5580	13.00	17.00	18.5
			124	5620	13.00	17.00	18.5
			132	5660	13.00	17.00	18.5
	802.11n-HT40 MCS0	802.11n-HT40 MCS0	144	5720	13.00	17.00	18.5
			102	5510	13.00	17.00	18.5
			110	5550	13.00	17.00	18.5
126			5630	13.00	17.00	18.5	
802.11ac-VHT20 MCS0	802.11ac-VHT20 MCS0	134	5670	13.00	17.00	18.5	
		142	5710	13.00	17.00	18.5	
		100	5500	13.00	17.00	18.5	
		116	5580	13.00	17.00	18.5	
802.11ac-VHT40 MCS0	802.11ac-VHT40 MCS0	124	5620	13.00	17.00	18.5	
		132	5660	13.00	17.00	18.5	
		144	5720	13.00	17.00	18.5	
		102	5510	13.00	17.00	18.5	
802.11ac-VHT80 MCS0	802.11ac-VHT80 MCS0	110	5550	13.00	17.00	18.5	
		126	5630	13.00	17.00	18.5	
		134	5670	13.00	17.00	18.5	
		142	5710	13.00	17.00	18.5	
802.11ac-VHT160 MCS0	802.11ac-VHT160 MCS0	106	5530	13.00	16.00	17.8	
		122	5610	13.00	17.00	18.5	
802.11ax-HE20 MCS0	802.11ax-HE20 MCS0	138	5690	13.00	17.00	18.5	
		114	5570	13.00	15.00	17.1	
		100	5500	13.00	17.00	18.5	
		116	5580	13.00	17.00	18.5	
		124	5620	13.00	17.00	18.5	
802.11ax-HE40 MCS0	802.11ax-HE40 MCS0	132	5660	13.00	17.00	18.5	
		144	5720	13.00	17.00	18.5	
		102	5510	13.00	17.00	18.5	
		110	5550	13.00	17.00	18.5	
802.11ax-HE80 MCS0	802.11ax-HE80 MCS0	126	5630	13.00	17.00	18.5	
		134	5670	13.00	17.00	18.5	
		142	5710	13.00	17.00	18.5	
		106	5530	13.00	16.00	17.8	
802.11ax-HE160 MCS0	802.11ax-HE160 MCS0	122	5610	13.00	17.00	18.5	
		138	5690	13.00	17.00	18.5	
		114	5570	13.00	15.00	17.1	



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	12.50	14.50	16.6
		157	5785	12.50	14.50	16.6
		165	5825	12.50	14.50	16.6
	802.11n-HT20 MCS0	149	5745	12.50	14.50	16.6
		157	5785	12.50	14.50	16.6
		165	5825	12.50	14.50	16.6
	802.11n-HT40 MCS0	151	5755	12.50	14.50	16.6
		159	5795	12.50	14.50	16.6
	802.11ac-VHT20 MCS0	149	5745	12.50	14.50	16.6
		157	5785	12.50	14.50	16.6
		165	5825	12.50	14.50	16.6
	802.11ac-VHT40 MCS0	151	5755	12.50	14.50	16.6
		159	5795	12.50	14.50	16.6
802.11ac-VHT80 MCS0	155	5775	12.50	14.50	16.6	
802.11ax-HE20 MCS0	149	5745	12.50	14.50	16.6	
	157	5785	12.50	14.50	16.6	
	165	5825	12.50	14.50	16.6	
802.11ax-HE40 MCS0	151	5755	12.50	14.50	16.6	
	159	5795	12.50	14.50	16.6	
802.11ax-HE80 MCS0	155	5775	12.50	14.50	16.6	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	12.50	14.50	16.6
		173	5865	12.50	14.50	16.6
		177	5885	12.50	14.50	16.6
	802.11n-HT20 MCS0	169	5845	12.50	14.50	16.6
		173	5865	12.50	14.50	16.6
		177	5885	12.50	14.50	16.6
	802.11n-HT40 MCS0	167	5835	12.50	14.50	16.6
		175	5875	12.50	14.50	16.6
	802.11ac-VHT20 MCS0	169	5845	12.50	14.50	16.6
		173	5865	12.50	14.50	16.6
		177	5885	12.50	14.50	16.6
	802.11ac-VHT40 MCS0	167	5835	12.50	14.50	16.6
		175	5875	12.50	14.50	16.6
	802.11ac-VHT80 MCS0	171	5855	12.50	14.50	16.6
	802.11ac-VHT160 MCS0	163	5815	12.50	14.50	16.6
802.11ax-HE20 MCS0	169	5845	12.50	14.50	16.6	
	173	5865	12.50	14.50	16.6	
	177	5885	12.50	14.50	16.6	
802.11ax-HE40 MCS0	167	5835	12.50	14.50	16.6	
	175	5875	12.50	14.50	16.6	
802.11ax-HE80 MCS0	171	5855	12.50	14.50	16.6	
802.11ax-HE160 MCS0	163	5815	12.50	14.50	16.6	



<Power Index 9 >

<5 GHz WLAN>

Burst Average Power (dBm)						
5.2GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.00	17.00	19.5
		40	5200	16.00	17.00	19.5
		44	5220	16.00	17.00	19.5
		48	5240	16.00	17.00	19.5
	802.11n-HT20 MCS0	36	5180	16.00	17.00	19.5
		40	5200	16.00	17.00	19.5
		44	5220	16.00	17.00	19.5
	802.11n-HT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	16.00	17.00	19.5
	802.11ac-VHT20 MCS0	36	5180	16.00	17.00	19.5
		40	5200	16.00	17.00	19.5
		44	5220	16.00	17.00	19.5
		48	5240	16.00	17.00	19.5
	802.11ac-VHT40 MCS0	38	5190	16.00	16.00	19.0
		46	5230	16.00	17.00	19.5
	802.11ac-VHT80 MCS0	42	5210	16.00	16.50	19.3
802.11ax-HE20 MCS0	36	5180	16.00	17.00	19.5	
	40	5200	16.00	17.00	19.5	
	44	5220	16.00	17.00	19.5	
	48	5240	16.00	17.00	19.5	
802.11ax-HE40 MCS0	38	5190	16.00	16.00	19.0	
	46	5230	16.00	17.00	19.5	
802.11ax-HE80 MCS0	42	5210	16.00	16.50	19.3	



Burst Average Power (dBm)						
5.3GHz WLAN	Transmit Antenna			MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.00	17.00	19.5
		56	5280	16.00	17.00	19.5
		60	5300	16.00	17.00	19.5
		64	5320	16.00	17.00	19.5
	802.11n-HT20 MCS0	52	5260	16.00	17.00	19.5
		56	5280	16.00	17.00	19.5
		60	5300	16.00	17.00	19.5
		64	5320	16.00	17.00	19.5
	802.11n-HT40 MCS0	54	5270	16.00	17.00	19.5
		62	5310	16.00	17.00	19.5
	802.11ac-VHT20 MCS0	52	5260	16.00	17.00	19.5
		56	5280	16.00	17.00	19.5
		60	5300	16.00	17.00	19.5
		64	5320	16.00	17.00	19.5
	802.11ac-VHT40 MCS0	54	5270	16.00	17.00	19.5
		62	5310	16.00	17.00	19.5
	802.11ac-VHT80 MCS0	58	5290	15.50	15.50	18.5
	802.11ac-VHT160 MCS0	50	5250	14.00	14.00	17.0
	802.11ax-HE20 MCS0	52	5260	16.00	17.00	19.5
		56	5280	16.00	17.00	19.5
60		5300	16.00	17.00	19.5	
64		5320	16.00	17.00	19.5	
802.11ax-HE40 MCS0	54	5270	16.00	17.00	19.5	
	62	5310	16.00	17.00	19.5	
802.11ax-HE80 MCS0	58	5290	15.50	15.50	18.5	
802.11ax-HE160 MCS0	50	5250	14.00	14.00	17.0	



Burst Average Power (dBm)							
5.5GHz WLAN	Transmit Antenna			MIMO Ant 4+3			
	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3	
802.11a 6Mbps	802.11a 6Mbps	100	5500	13.00	17.00	18.5	
		116	5580	13.00	17.00	18.5	
		124	5620	13.00	17.00	18.5	
		132	5660	13.00	17.00	18.5	
		144	5720	13.00	17.00	18.5	
	802.11n-HT20 MCS0	802.11n-HT20 MCS0	100	5500	13.00	17.00	18.5
			116	5580	13.00	17.00	18.5
			124	5620	13.00	17.00	18.5
			132	5660	13.00	17.00	18.5
	802.11n-HT40 MCS0	802.11n-HT40 MCS0	144	5720	13.00	17.00	18.5
			102	5510	13.00	17.00	18.5
			110	5550	13.00	17.00	18.5
126			5630	13.00	17.00	18.5	
802.11ac-VHT20 MCS0	802.11ac-VHT20 MCS0	134	5670	13.00	17.00	18.5	
		142	5710	13.00	17.00	18.5	
		100	5500	13.00	17.00	18.5	
		116	5580	13.00	17.00	18.5	
802.11ac-VHT40 MCS0	802.11ac-VHT40 MCS0	124	5620	13.00	17.00	18.5	
		132	5660	13.00	17.00	18.5	
		144	5720	13.00	17.00	18.5	
		102	5510	13.00	17.00	18.5	
802.11ac-VHT80 MCS0	802.11ac-VHT80 MCS0	110	5550	13.00	17.00	18.5	
		126	5630	13.00	17.00	18.5	
		134	5670	13.00	17.00	18.5	
		142	5710	13.00	17.00	18.5	
802.11ac-VHT160 MCS0	802.11ac-VHT160 MCS0	106	5530	13.00	16.00	17.8	
		122	5610	13.00	17.00	18.5	
802.11ax-HE20 MCS0	802.11ax-HE20 MCS0	138	5690	13.00	17.00	18.5	
		114	5570	13.00	15.00	17.1	
		100	5500	13.00	17.00	18.5	
		116	5580	13.00	17.00	18.5	
		124	5620	13.00	17.00	18.5	
802.11ax-HE40 MCS0	802.11ax-HE40 MCS0	132	5660	13.00	17.00	18.5	
		144	5720	13.00	17.00	18.5	
		102	5510	13.00	17.00	18.5	
		110	5550	13.00	17.00	18.5	
802.11ax-HE80 MCS0	802.11ax-HE80 MCS0	126	5630	13.00	17.00	18.5	
		134	5670	13.00	17.00	18.5	
		142	5710	13.00	17.00	18.5	
		106	5530	13.00	16.00	17.8	
802.11ax-HE160 MCS0	802.11ax-HE160 MCS0	122	5610	13.00	17.00	18.5	
		138	5690	13.00	17.00	18.5	
114	5570	13.00	15.00	17.1			



Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	149	5745	14.50	16.50	18.6
		157	5785	14.50	16.50	18.6
		165	5825	14.50	16.50	18.6
	802.11n-HT20 MCS0	149	5745	14.50	16.50	18.6
		157	5785	14.50	16.50	18.6
		165	5825	14.50	16.50	18.6
	802.11n-HT40 MCS0	151	5755	14.50	16.50	18.6
		159	5795	14.50	16.50	18.6
	802.11ac-VHT20 MCS0	149	5745	14.50	16.50	18.6
		157	5785	14.50	16.50	18.6
		165	5825	14.50	16.50	18.6
	802.11ac-VHT40 MCS0	151	5755	14.50	16.50	18.6
159		5795	14.50	16.50	18.6	
802.11ac-VHT80 MCS0	155	5775	14.50	16.50	18.6	
802.11ax-HE20 MCS0	149	5745	14.50	16.50	18.6	
	157	5785	14.50	16.50	18.6	
	165	5825	14.50	16.50	18.6	
802.11ax-HE40 MCS0	151	5755	14.50	16.50	18.6	
	159	5795	14.50	16.50	18.6	
802.11ax-HE80 MCS0	155	5775	14.50	16.50	18.6	

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
5.8GHz UnII4	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11a 6Mbps	169	5845	14.50	16.50	18.6
		173	5865	14.50	16.50	18.6
		177	5885	14.50	16.50	18.6
	802.11n-HT20 MCS0	169	5845	14.50	16.50	18.6
		173	5865	14.50	16.50	18.6
		177	5885	14.50	16.50	18.6
	802.11n-HT40 MCS0	167	5835	14.50	16.50	18.6
		175	5875	14.50	16.50	18.6
	802.11ac-VHT20 MCS0	169	5845	14.50	16.50	18.6
		173	5865	14.50	16.50	18.6
		177	5885	14.50	16.50	18.6
	802.11ac-VHT40 MCS0	167	5835	14.50	16.50	18.6
		175	5875	14.50	16.50	18.6
	802.11ac-VHT80 MCS0	171	5855	14.50	16.50	18.6
	802.11ac-VHT160 MCS0	163	5815	14.50	16.50	18.6
802.11ax-HE20 MCS0	169	5845	14.50	16.50	18.6	
	173	5865	14.50	16.50	18.6	
	177	5885	14.50	16.50	18.6	
802.11ax-HE40 MCS0	167	5835	14.50	16.50	18.6	
	175	5875	14.50	16.50	18.6	
802.11ax-HE80 MCS0	171	5855	14.50	16.50	18.6	
802.11ax-HE160 MCS0	163	5815	14.50	16.50	18.6	



<6GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
6GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11ax-HE20 MCS0	1	5955	7.00	7.00	10.0
		57	6235	6.50	6.50	9.5
		113	6515	7.00	7.00	10.0
		173	6815	8.00	8.00	11.0
		229	7095	10.50	10.50	13.5
	802.11ax-HE40 MCS0	3	5965	10.00	10.00	13.0
		59	6245	9.50	9.50	12.5
		107	6485	11.00	11.00	14.0
		171	6805	11.50	11.50	14.5
	802.11ax-HE80 MCS0	227	7085	12.50	12.50	15.5
		7	5985	12.00	12.00	15.0
		71	6305	12.50	12.50	15.5
		119	6545	13.50	13.50	16.5
	802.11ax-HE160 MCS0	167	6785	14.50	14.50	17.5
		215	7025	14.50	14.50	17.5
		15	6025	15.50	15.50	18.5
		47	6185	15.50	15.50	18.5
		111	6505	17.00	17.00	20.0
	802.11ax-HE160 MCS0	175	6825	17.50	17.50	20.5
207		6985	17.50	17.50	20.5	

<Power Index 1 / Power Index 2 / Power Index 3 / Power Index 4>

<6GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
6GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11ax-HE20 MCS0	1	5955	7.00	7.00	10.0
		57	6235	6.50	6.50	9.5
		113	6515	7.00	7.00	10.0
		173	6815	8.00	8.00	11.0
		229	7095	10.50	10.50	13.5
	802.11ax-HE40 MCS0	3	5965	10.00	10.00	13.0
		59	6245	9.50	9.50	12.5
		107	6485	10.00	10.00	13.0
		171	6805	9.50	9.50	12.5
	802.11ax-HE80 MCS0	227	7085	11.00	11.00	14.0
		7	5985	10.00	10.00	13.0
		71	6305	10.00	10.00	13.0
		119	6545	10.00	10.00	13.0
	802.11ax-HE160 MCS0	167	6785	9.50	9.50	12.5
		215	7025	11.00	11.00	14.0
		15	6025	10.00	10.00	13.0
		47	6185	10.00	10.00	13.0
		111	6505	10.00	10.00	13.0
	802.11ax-HE160 MCS0	175	6825	9.50	9.50	12.5
207		6985	11.00	11.00	14.0	



<Power Index 5/ Power Index 6 /Power Index 7/ Power Index 8 / Power Index 9>

<6GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
6GHz WLAN	Mode	Channel	Frequency (MHz)	Tune-Up Limit 4+3(4)	Tune-Up Limit 4+3(3)	Tune-Up Limit 4+3
	802.11ax-HE20 MCS0		1	5955	7.00	7.00
57			6235	6.50	6.50	9.5
113			6515	7.00	7.00	10.0
173			6815	8.00	8.00	11.0
229			7095	10.50	10.50	13.5
802.11ax-HE40 MCS0		3	5965	10.00	10.00	13.0
		59	6245	9.50	9.50	12.5
		107	6485	11.00	11.00	14.0
		171	6805	11.00	11.00	14.0
802.11ax-HE80 MCS0		227	7085	12.50	12.50	15.5
		7	5985	7.50	7.50	10.5
		71	6305	7.50	7.50	10.5
		119	6545	11.50	11.50	14.5
		167	6785	11.00	11.00	14.0
802.11ax-HE160 MCS0		215	7025	12.50	12.50	15.5
		15	6025	7.50	7.50	10.5
		47	6185	7.50	7.50	10.5
		111	6505	11.50	11.50	14.5
		175	6825	11.00	11.00	14.0
		207	6985	12.50	12.50	15.5



<Bluetooth Maximum Power>

General Note:

1. The device implements the power management for Bluetooth SAR compliance for different exposure conditions and user cases. When the device is operated against the user’s head, power index 1 is used; when the device is operated in the body-worn or extremity condition, power index 2-5 are used. Full details about the proprietary power management decision are illustrated in the operational description
2. 4+3(4): power level on antenna 4, when device operated in MIMO mode (4+3)

<Mobile condition – Power Index 0 >

Mode	Burst Average Power (dBm)				
	Ant 4			Ant 4	
	BR / EDR				
	LE				
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	21	18	18	19	19

Mode	Burst Average Power (dBm)				
	Ant 3			Ant 3	
	BR / EDR				
	LE				
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	21	18	18	19	19

Mode	BR / EDR	Burst Average Power (dBm)								
		1Mbps			2Mbps			3Mbps		
		Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3
Tune-up Limit		17.5	17.5	20.5	15	15	18	15	15	18

<Power Index 1>

Mode	Burst Average Power (dBm)				
	Ant 4			Ant 4	
	BR / EDR				
	LE				
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	12	12	12	12	12

Mode	Burst Average Power (dBm)				
	Ant 3			Ant 3	
	BR / EDR				
	LE				
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	12	12	12	12	12

Mode	BR / EDR	Burst Average Power (dBm)								
		1Mbps			2Mbps			3Mbps		
		Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3
Tune-up Limit		12	12	12	12	12	12	12	12	12



<Power Index 2>

Mode	Burst Average Power (dBm)				
	Ant 4			Ant 4	
	BR / EDR				
	LE				
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	21	18	18	19	19

Mode	Burst Average Power (dBm)				
	Ant 3			Ant 3	
	BR / EDR				
	LE				
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	21	18	18	19	19

Mode	BR / EDR	Burst Average Power (dBm)								
		1Mbps			2Mbps			3Mbps		
		Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3
Tune-up Limit		17.5	17.5	20.5	15	15	18	15	15	18

<Power Index 3>

Mode	Burst Average Power (dBm)				
	Ant 4			Ant 4	
	BR / EDR				
	LE				
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	15	15	15	15	15

Mode	Burst Average Power (dBm)				
	Ant 3			Ant 3	
	BR / EDR				
	LE				
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	15	15	15	15	15

Mode	BR / EDR	Burst Average Power (dBm)								
		1Mbps			2Mbps			3Mbps		
		Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3
Tune-up Limit		15	15	18	15	15	18	15	15	18



<Power Index 4 >

Mode	Burst Average Power (dBm)				
	Ant 4			Ant 4	
	BR / EDR			LE	
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	21	18	18	19	19

Mode	Burst Average Power (dBm)				
	Ant 3			Ant 3	
	BR / EDR			LE	
	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps
Tune-up Limit	21	18	18	19	19

Mode	BR / EDR	Burst Average Power (dBm)								
		1Mbps			2Mbps			3Mbps		
		Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3	Ant 4+3(4)	Ant 4+3(3)	Ant 4+3
Tune-up Limit		17.5	17.5	20.5	15	15	18	15	15	18



2.3 General LTE SAR Test and Reporting Considerations

Summarized necessary items addressed in KDB 941225 D05 v02r05																																																															
FCC ID	A4RG1AZG																																																														
Equipment Name	Phone																																																														
Operating Frequency Range of each LTE transmission band	LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 14: 788 MHz ~ 798 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 48: 3550 MHz ~ 3700 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 663 MHz ~ 698 MHz																																																														
Channel Bandwidth	LTE Band 2: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 4: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 5: 1.4MHz, 3MHz, 5MHz, 10MHz LTE Band 7: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 12: 1.4MHz, 3MHz, 5MHz, 10MHz LTE Band 13: 5MHz, 10MHz LTE Band 14: 5MHz, 10MHz LTE Band 17: 5MHz, 10MHz LTE Band 25: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 26: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz LTE Band 30: 5MHz, 10MHz LTE Band 38: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 41: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 48: 5MHz, 10MHz, 15MHz, 20MHz LTE Band 66: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz LTE Band 71: 5MHz, 10MHz, 15MHz, 20MHz																																																														
uplink modulations used	QPSK / 16QAM / 64QAM / 256QAM																																																														
LTE Voice / Data requirements	Voice and Data																																																														
LTE MPR permanently built-in by design	<p align="center">Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3</p> <table border="1"> <thead> <tr> <th rowspan="2">Modulation</th> <th colspan="6">Channel bandwidth / Transmission bandwidth (N_{RB})</th> <th rowspan="2">MPR (dB)</th> </tr> <tr> <th>1.4 MHz</th> <th>3.0 MHz</th> <th>5 MHz</th> <th>10 MHz</th> <th>15 MHz</th> <th>20 MHz</th> </tr> </thead> <tbody> <tr> <td>QPSK</td> <td>> 5</td> <td>> 4</td> <td>> 8</td> <td>> 12</td> <td>> 16</td> <td>> 18</td> <td>≤ 1</td> </tr> <tr> <td>16 QAM</td> <td>≤ 5</td> <td>≤ 4</td> <td>≤ 8</td> <td>≤ 12</td> <td>≤ 16</td> <td>≤ 18</td> <td>≤ 1</td> </tr> <tr> <td>16 QAM</td> <td>> 5</td> <td>> 4</td> <td>> 8</td> <td>> 12</td> <td>> 16</td> <td>> 18</td> <td>≤ 2</td> </tr> <tr> <td>64 QAM</td> <td>≤ 5</td> <td>≤ 4</td> <td>≤ 8</td> <td>≤ 12</td> <td>≤ 16</td> <td>≤ 18</td> <td>≤ 2</td> </tr> <tr> <td>64 QAM</td> <td>> 5</td> <td>> 4</td> <td>> 8</td> <td>> 12</td> <td>> 16</td> <td>> 18</td> <td>≤ 3</td> </tr> <tr> <td>256 QAM</td> <td colspan="6" style="text-align: center;">≥ 1</td> <td>≤ 5</td> </tr> </tbody> </table>	Modulation	Channel bandwidth / Transmission bandwidth (N _{RB})						MPR (dB)	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1	16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1	16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2	64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2	64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3	256 QAM	≥ 1						≤ 5
Modulation	Channel bandwidth / Transmission bandwidth (N _{RB})						MPR (dB)																																																								
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz																																																									
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1																																																								
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1																																																								
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2																																																								
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2																																																								
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3																																																								
256 QAM	≥ 1						≤ 5																																																								
LTE A-MPR	In the base station simulator configuration, Network Setting value is set to NS_01 to disable A-MPR during SAR testing and the LTE SAR tests was transmitting on all TTI frames (Maximum TTI)																																																														
Spectrum plots for RB configuration	A properly configured base station simulator was used for the SAR and power measurement; therefore, spectrum plots for each RB allocation and offset configuration are not included in the SAR report.																																																														
Power reduction applied to satisfy SAR compliance	The device has several different power modes for each exposure conditions SAR compliance; power selection is determined by the device's positioning and usage scenarios. Detail refer to operational description.																																																														
LTE Carrier Aggregation Combinations	Inter-Band and Intra-Band possible combinations and the detail power measurement please referred to FCC ID: A4RGX7AS, Report No.: 161608-05C section14																																																														
LTE Carrier Aggregation Additional Information	This device supports maximum of 5 carriers in the downlink and 2 carriers in the uplink. Additional following LTE Release features are not supported: Relay, HetNet, Enhanced MIMO, eICI, WiFi Offloading, MDH, eMBMA, Cross-Carrier Scheduling, Enhanced SC-FDMA.																																																														



Transmission (H, M, L) channel numbers and frequencies in each LTE band																
LTE Band 2																
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	18607	1850.7	18615	1851.5	18625	1852.5	18650	1855	18675	1857.5	18700	1860				
M	18900	1880	18900	1880	18900	1880	18900	1880	18900	1880	18900	1880				
H	19193	1909.3	19185	1908.5	19175	1907.5	19150	1905	19125	1902.5	19100	1900				
LTE Band 4																
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	19957	1710.7	19965	1711.5	19975	1712.5	20000	1715	20025	1717.5	20050	1720				
M	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5	20175	1732.5				
H	20393	1754.3	20385	1753.5	20375	1752.5	20350	1750	20325	1747.5	20300	1745				
LTE Band 5																
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	20407	824.7	20415	825.5	20425	826.5	20450	829	20450	829	20450	829				
M	20525	836.5	20525	836.5	20525	836.5	20525	836.5	20525	836.5	20525	836.5				
H	20643	848.3	20635	847.5	20625	846.5	20600	844	20600	844	20600	844				
LTE Band 7																
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	20775	2502.5	20800	2505	20825	2507.5	20850	2510	20850	2510	20850	2510				
M	21100	2535	21100	2535	21100	2535	21100	2535	21100	2535	21100	2535				
H	21425	2567.5	21400	2565	21375	2562.5	21350	2560	21350	2560	21350	2560				
LTE Band 12																
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	23017	699.7	23025	700.5	23035	701.5	23060	704	23060	704	23060	704				
M	23095	707.5	23095	707.5	23095	707.5	23095	707.5	23095	707.5	23095	707.5				
H	23173	715.3	23165	714.5	23155	713.5	23130	711	23130	711	23130	711				
LTE Band 13																
	Bandwidth 5 MHz				Bandwidth 10 MHz				Bandwidth 15 MHz				Bandwidth 20 MHz			
	Channel #		Freq.(MHz)		Channel #		Freq.(MHz)		Channel #		Freq.(MHz)		Channel #		Freq.(MHz)	
L	23205		779.5		23230		782		23255		784.5		23280		787	
M	23230		782		23255		784.5		23280		787		23305		789.5	
H	23255		784.5		23280		787		23305		789.5		23330		792	
LTE Band 14																
	Bandwidth 5 MHz				Bandwidth 10 MHz				Bandwidth 15 MHz				Bandwidth 20 MHz			
	Channel #		Channel #		Channel #		Freq.(MHz)		Channel #		Freq.(MHz)		Channel #		Freq.(MHz)	
L	23305		790.5		23330		793		23355		795.5		23380		798	
M	23330		793		23355		795.5		23380		798		23405		800.5	
H	23355		795.5		23380		798		23405		800.5		23430		803	
LTE Band 17																
	Bandwidth 5 MHz				Bandwidth 10 MHz				Bandwidth 15 MHz				Bandwidth 20 MHz			
	Channel #		Freq.(MHz)		Channel #		Freq. (MHz)		Channel #		Freq. (MHz)		Channel #		Freq. (MHz)	
L	23755		706.5		23780		709		23805		711.5		23830		714	
M	23790		710		23815		713		23840		716		23865		719	
H	23825		713.5		23850		716.5		23875		719.5		23900		722	



LTE Band 25												
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	26047	1850.7	26055	1851.5	26065	1852.5	26090	1855	26115	1857.5	26140	1860
M	26340	1880	26340	1880	26340	1880	26340	1880	26340	1880	26340	1880
H	26683	1914.3	26675	1913.5	26665	1912.5	26640	1910	26615	1907.5	26590	1905
LTE Band 26												
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	26697	814.7	26705	815.5	26715	816.5	26740	819	26765	821.5	26765	821.5
M	26865	831.5	26865	831.5	26865	831.5	26865	831.5	26865	831.5	26865	831.5
H	27033	848.3	27025	847.5	27015	846.5	26990	844	26965	841.5	26965	841.5
LTE Band 30												
	Bandwidth 5 MHz				Bandwidth 10 MHz							
	Channel #		Freq.(MHz)		Channel #		Freq.(MHz)					
L	27685		2307.5		27710		2310					
M	27710		2310									
H	27735		2312.5									
LTE Band 38												
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	37775	2572.5	37800	2575	37825	2577.5	37850	2580				
M	38000	2595	38000	2595	38000	2595	38000	2595				
H	38225	2617.5	38200	2615	38175	2612.5	38150	2610				
LTE Band 41												
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	39675	2498.5	39700	2501	39725	2503.5	39750	2506				
L	40148	2545.8	40160	2547	40173	2548.3	40185	2549.5				
M	40620	2593	40620	2593	40620	2593	40620	2593				
H	41093	2640.3	41080	2639	41068	2637.8	41055	2636.5				
H	41565	2687.5	41540	2685	41515	2682.5	41490	2680				
LTE Band 48												
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	55265	3552.5	55290	3555	55315	3557.5	55340	3560				
L	55810	3607	55815	3607.5	55820	3608	55830	3609				
M	56170	3643	56165	3642.5	56160	3642	56150	3641				
H	56715	3697.5	56690	3695	56665	3692.5	56640	3690				
LTE Band 66												
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	131979	1710.7	131987	1711.5	131997	1712.5	132022	1715	132047	1717.5	132072	1720
M	132322	1745	132322	1745	132322	1745	132322	1745	132322	1745	132322	1745
H	132665	1779.3	132657	1778.5	132647	1777.5	132622	1775	132597	1772.5	132572	1770
LTE Band 71												
	Bandwidth 5 MHz		Bandwidth 10 MHz		Bandwidth 15 MHz		Bandwidth 20 MHz					
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)				
L	133147	665.5	133172	668	133197	670.5	133222	673				
M	133297	680.5	133297	680.5	133297	680.5	133297	680.5				
H	133447	695.5	133422	693	133397	690.5	133372	688				



2.4 General 5G NR SAR Test and Reporting Considerations

5G NR Information								
FCC ID	A4RG1AZG							
Equipment Name	Phone							
Operating Frequency Range of each 5G NR transmission band	5G NR n2: 1850 MHz ~ 1910 MHz 5G NR n5: 824 MHz ~ 849 MHz 5G NR n7: 2500 MHz ~ 2570 MHz 5G NR n12: 699 MHz ~ 716 MHz 5G NR n25: 1850 MHz ~ 1915 MHz 5G NR n30: 2305 MHz ~ 2315 MHz 5G NR n66: 1710 MHz ~ 1780 MHz 5G NR n71: 663 MHz ~ 698 MHz 5G NR n77: 3700 MHz ~ 3980 MHz, 3450MHz ~ 3550MHz							
Channel Bandwidth	5G NR n2: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n5: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n7: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n12: 5MHz, 10MHz, 15MHz 5G NR n25: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n30: 5MHz, 10MHz 5G NR n66: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz,30MHz, 40MHz 5G NR n71: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n77: 10MHz, 15MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz							
SCS	FDD: SCS15KHz, TDD: SCS30KHz							
uplink modulations used	DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM CP-OFDM QPSK / 16QAM / 64QAM / 256QAM							
A-MPR (Additional MPR) disabled for SAR Testing?	Yes							
LTE Anchor Bands for n2	LTE B5/12/13/14/48							
LTE Anchor Bands for n5	LTE B2/7/30/48/66							
LTE Anchor Bands for n25	LTE B12/26/48							
LTE Anchor Bands for n30	LTE B5/12							
LTE Anchor Bands for n66	LTE B5/12/13/14/48/71							
LTE Anchor Bands for n71	LTE B2/7/66							
LTE Anchor Bands for n77	LTE B2/5/7/13/41/66							
NR Band 2								
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	370500	1852.5	371000	1855	371500	1857.5	372000	1860
M	376000	1880	376000	1880	376000	1880	376000	1880
H	381500	1907.5	381000	1905	380500	1902.5	380000	1900
NR Band 5								
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	165300	826.5	165800	829	166300	831.5	166800	834
M	167300	836.5	167300	836.5	167300	836.5	167300	836.5
H	169300	846.5	168800	844	168300	841.5	167800	839
NR Band 7								
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	500500	2502.5	501000	2505	501500	2507.5	502000	2510
M	507000	2535	507000	2535	507000	2535	507000	2535
H	513500	2567.5	513000	2565	512500	2562.5	512000	2560



NR Band 12																								
Bandwidth 5MHz				Bandwidth 10MHz				Bandwidth 15MHz																
	Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)													
L	140300		701.5		140800		704		141300		706.5													
M	141500		707.5		141500		707.5		141500		707.5													
H	142700		713.5		142200		711		141700		708.5													
NR Band 25																								
Bandwidth 5MHz			Bandwidth 10MHz			Bandwidth 15MHz			Bandwidth 20MHz															
	Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)													
L	370500		1852.5		371000		1855		371500		1857.5													
M	376500		1882.5		376500		1882.5		376500		1882.5													
H	382500		1912.5		382000		1910		381500		1907.5													
NR Band 30																								
Bandwidth 5MHz					Bandwidth 10MHz																			
	Ch. #				Freq. (MHz)				Ch. #				Freq. (MHz)											
L	461500				2307.5				462000				2310											
M	462000				2310																			
H	462500				2312.5																			
NR Band 66																								
Bandwidth 5MHz			Bandwidth 10MHz			Bandwidth 15MHz			Bandwidth 20MHz			Bandwidth 30MHz			Bandwidth 40MHz									
	Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)					
L	342500		1712.5		343000		1715		343500		1717.5		344000		1720		345000		1725		346000		1730	
M	349000		1745		349000		1745		349000		1745		349000		1745		349000		1745		349000		1745	
H	355500		1777.5		355000		1775		354500		1772.5		354000		1770		353000		1765		352000		1760	
NR Band 71																								
Bandwidth 5MHz				Bandwidth 10MHz				Bandwidth 15MHz				Bandwidth 20MHz												
	Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)		Ch. #		Freq. (MHz)									
L	133100		665.5		133600		668		13410		670.5		134600		673									
M	136100		680.5		136100		680.5		136100		680.5		136100		680.5									
H	139100		695.5		138600		693		13810		690.5		137600		688									
NR Band 77(3450MHz ~ 3550MHz)																								
Bandwidth10MHz		Bandwidth15MHz		Bandwidth 20MHz		Bandwidth30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth100MHz				
Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)			
L	630334	3455.01	630500	3457.5	630668	3460.02	631000	3465	631334	3470.01	631668	3475.02	632000	3480	632334	3485.01	632668	3490.02	633000	3495	633334	3500.01		
M	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98	633332	3499.98		
H	636332	3544.98	636166	3542.49	636000	3540	635666	3534.99	635332	3529.98	635000	3525	634666	3519.99	634332	3514.98	634000	3510	633666	3504.99	633332	3499.98		
NR Band 77																								
Bandwidth10MHz		Bandwidth15MHz		Bandwidth 20MHz		Bandwidth30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth100MHz				
Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)			
L	647000	3705	647168	3707.52	647334	3710.01	647668	3715.02	648000	3720	648334	3725.01	648668	3730.02	649000	3735	649334	3740.01	649668	3745.02	650000	3750		
M	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840	656000	3840		
H	665000	3975	664832	3972.48	664666	3969.99	664332	3964.98	664000	3960	663666	3954.99	663332	3949.98	663000	3945	662666	3939.99	662332	3934.98	662000	3930		



3. TAS feature for RF Exposure compliance

The FCC RF exposure limit is based on time-averaged RF exposure. Both SAR and PD regulatory specifications are defined over certain measurement duration allowing for time-averaging. The Samsung S.LSI proprietary TAS (Time Average SAR) algorithm has been designed to meet the compliance limits over the required duration, while still allowing dynamic control of transmit power for meeting system performance. Under the control of TAS algorithm, the device can transmit at high power up to Pmax for certain interval, but the average power will be maintained not exceeding the pre-defined averaged level (Plimit), and thus maintain the time-averaged RF exposure compliance

The following table shows Plimit and maximum tune up output power Pmax, for all exposure and transmit conditions (output power index).

Pmax	Maximum Tx power that can be transmitted physically from RFIC for a given RAT
SAR_FCC_limit	SAR limit specified by FCC 1.6 W/kg averaged over 1-gram, for head and body exposure, and 4 W/kg averaged over 10-gram, for extremity exposure
PD_FCC_limit	PD limit specified by FCC, 10 W/m ² averaged over 4 cm ²
Plimit	The time-averaged RF power that corresponds to SAR_target or PD_target.



3.1 SAR Characterization – Power Table

General Note:

1. The P_{limit} values correspond to SAR_{design_target}.
2. GSM and WCDMA don't support time average feature of dynamic power varying, the power will be fixed at the static reduce power level at different exposure conditions for RF exposure compliance. For the GSM (TDD) P_{limit} power levels in the table correspond to the burst average power levels which don't account for TX duty cycle.

<P_{limit} for supported technologies and bands (P_{limit} corresponding to SAR design target)>

Wireless technology/ band (No Accounting duty cycle)	Config	Antenna	Duty cycle	Head			Hotspot	Body-worn/Extremity		P Max Burst average power (dBm)
				Standalone	Simultaneous	Simultaneous	Simultaneous	Standalone	Simultaneous	
				Index 2	Index 3	Index 7	Index 4	Index 5	Index 6	
				P limit						
Burst average power (dBm)										
GSM850 GSM/GPRS 1TX	TX0	0	12.50%	37.20	36.40	35.50	36.00	37.70	36.90	32.50
GSM850 GPRS 2TX	TX0	0	25.00%	34.20	33.40	32.50	33.00	34.70	33.90	31.50
GSM850 GPRS 3TX	TX0	0	37.50%	32.45	31.65	30.75	31.25	32.95	32.15	30.50
GSM850 GPRS 4TX	TX0	0	50.00%	31.20	30.40	29.50	30.00	31.70	30.90	29.50
GSM1900 GSM/GPRS 1TX	TX0	2	12.50%	38.20	37.40	36.50	28.70	30.40	29.60	29.75
GSM1900 GPRS 2TX	TX0	2	25.00%	35.20	34.40	33.50	25.70	27.40	26.60	28.25
GSM1900 GPRS 3TX	TX0	2	37.50%	33.45	32.65	31.75	23.95	25.65	24.85	27.75
GSM1900 GPRS 4TX	TX0	2	50.00%	32.20	31.40	30.50	22.70	24.40	23.60	26.75
WCDMA B2	TX0	2	100.00%	30.00	29.20	28.80	20.10	21.30	20.50	24.45
WCDMA B4	TX0	2	100.00%	31.70	30.90	30.40	21.20	22.50	21.70	24.45
WCDMA B5	TX0	0	100.00%	28.70	27.90	27.10	27.50	29.10	28.30	24.70

Wireless technology/ band (No Accounting duty cycle)	Config	Antenna	Duty cycle	Head			Hotspot	Body-worn/Extremity		P Max Burst average power (dBm)
				Standalone	Simultaneous	Simultaneous	Simultaneous	Standalone	Simultaneous	
				Index 2	Index 3	Index 7	Index 4	Index 5	Index 6	
				P limit						
Burst average power (dBm)										
GSM850 GSM/GPRS 1TX	TX1	1	12.50%	34.00	33.20	33.20	38.00	38.80	38.00	32.50
GSM850 GPRS 2TX	TX1	1	25.00%	31.00	30.20	30.20	35.00	35.80	35.00	31.50
GSM850 GPRS 3TX	TX1	1	37.50%	29.25	28.45	28.45	33.25	34.05	33.25	30.50
GSM850 GPRS 4TX	TX1	1	50.00%	28.00	27.20	27.20	32.00	32.80	32.00	29.50
GSM1900 GSM/GPRS 1TX	TX1	0	12.50%	37.50	36.70	36.70	33.10	33.90	33.10	30.00
GSM1900 GPRS 2TX	TX1	0	25.00%	34.50	33.70	33.70	30.10	30.90	30.10	28.50
GSM1900 GPRS 3TX	TX1	0	37.50%	32.75	31.95	31.95	28.35	29.15	28.35	28.00
GSM1900 GPRS 4TX	TX1	0	50.00%	31.50	30.70	30.70	27.10	27.90	27.10	27.00
WCDMA B2	TX1	0	100.00%	26.60	26.60	25.80	22.10	22.90	22.90	24.70
WCDMA B4	TX1	0	100.00%	27.80	27.00	26.90	22.80	23.70	22.90	24.70
WCDMA B5	TX1	1	100.00%	24.90	24.10	24.10	28.90	29.70	28.90	24.70



<P_{limit} for supported technologies and bands (P_{limit} corresponding to SAR design target)>

Wireless technology/ band (Accounting duty cycle)	Config	Antenna	Duty cycle	Head			Hotspot	Body-worn/Extremity		P Max Time-average power (dBm)
				Standalone	Simultaneous	Simultaneous	Simultaneous	Standalone	Simultaneous	
				Index 2	Index 3	Index 7	Index 4	Index 5	Index 6	
				P limit						
LTE B7	TX0	2	100.00%	25.20	25.20	24.40	19.40	20.20	20.20	24.40
LTE B12/17	TX0	0	100.00%	30.40	29.60	28.90	26.90	28.40	27.60	24.70
LTE B13	TX0	0	100.00%	29.20	28.40	27.40	26.60	28.40	27.60	24.70
LTE B14	TX0	0	100.00%	29.00	28.20	27.50	27.10	28.60	27.80	24.70
LTE B25/2	TX0	2	100.00%	30.60	29.80	29.40	20.10	21.30	20.50	24.70
LTE B26/5	TX0	0	100.00%	29.10	28.30	27.00	26.90	29.00	28.20	24.70
LTE B30	TX0	2	100.00%	27.50	26.70	26.70	21.70	22.50	21.70	23.70
LTE B41/B38 PC3	TX0	2	63.30%	24.00	24.00	23.20	19.60	20.40	20.40	22.40
LTE B38 PC2	TX0	2	43.30%	24.00	24.00	23.20	19.60	20.40	20.40	22.60
LTE B41 PC2	TX0	2	43.30%	24.00	24.00	23.20	19.60	20.40	20.40	23.10
LTE B48	TX0	6	63.30%	28.40	27.60	27.60	22.10	22.90	22.10	21.00
LTE B66/4	TX0	2	100.00%	32.40	31.60	31.10	21.10	22.40	21.60	24.45
LTE B71	TX0	0	100.00%	30.70	29.90	29.90	27.00	27.80	27.00	24.70
FR1 n5	TX0	0	100.00%	28.70	27.90	27.40	27.80	29.10	28.30	24.70
FR1 n7	TX0	2	100.00%	25.20	25.20	24.40	19.70	20.50	20.50	24.40
FR1 n12	TX0	0	100.00%	30.70	29.90	29.10	26.70	28.30	27.50	24.70
FR1 n25/2	TX0	2	100.00%	30.70	29.90	29.40	20.40	21.70	20.90	24.90
FR1 n30	TX0	2	100.00%	27.50	26.70	26.70	22.20	23.00	22.20	23.70
FR1 n66	TX0	2	100.00%	31.90	31.10	30.90	21.90	22.90	22.10	24.45
FR1 n71	TX0	0	100.00%	30.60	29.80	29.80	27.30	28.10	27.30	24.70
FR1 n77 PC3	TX0	6	100.00%	27.00	26.20	26.20	20.60	21.40	20.60	24.00
FR1 n77 PC2	TX0	6	50.00%	27.00	26.20	26.20	20.60	21.40	20.60	23.20

1. LTE and 5GNR TDD: P_{limit} power levels in the table correspond to the time-averaged power levels which accounts for TX duty cycle.
2. Maximum target power, P_{max}, is configured in NV settings in EUT to limit maximum transmitting power. This power is converted into peak power in NV settings for TDD schemes.

<P_{limit} for supported technologies and bands (P_{limit} corresponding to SAR design target)>

Wireless technology/ band (Accounting duty cycle)	Config	Antenna	Duty cycle	Head			Hotspot	Body-worn/Extremity		P Max Time-average power (dBm)
				Standalone	Simultaneous	Simultaneous	Simultaneous	Standalone	Simultaneous	
				Index 2	Index 3	Index 7	Index 4	Index 5	Index 6	
				P limit						
LTE B7	TX1	0	100.00%	27.20	27.20	26.40	23.10	23.90	23.90	24.20
LTE B12/17	TX1	1	100.00%	24.30	23.50	22.20	29.10	31.20	30.40	24.20
LTE B13	TX1	1	100.00%	24.20	23.40	22.10	29.20	31.30	30.50	24.20
LTE B14	TX1	1	100.00%	24.20	23.40	23.40	29.60	30.40	29.60	24.20
LTE B25/2	TX1	0	100.00%	26.80	26.80	26.00	21.60	22.40	22.40	24.20
LTE B26/5	TX1	1	100.00%	25.00	24.20	24.20	28.60	29.40	28.60	24.20
LTE B30	TX1	0	100.00%	25.70	25.70	24.90	21.90	22.70	22.70	24.00
LTE B41/B38 PC3	TX1	0	63.30%	25.10	24.30	24.30	23.80	24.60	23.80	22.20
LTE B41/B38 PC2	TX1	0	43.30%	25.10	24.30	24.30	23.80	24.60	23.80	22.60
LTE B48	TX1	2	63.30%	29.30	28.50	28.20	23.30	24.40	23.60	20.10
LTE B66/4	TX1	0	100.00%	27.20	26.40	26.00	22.50	23.70	22.90	24.20
LTE B71	TX1	1	100.00%	25.30	24.50	23.20	29.80	31.90	31.10	24.20
FR1 n5	TX1	1	100.00%	26.10	25.30	25.30	29.80	30.60	29.80	24.20
FR1 n7	TX1	0	100.00%	26.50	26.50	25.70	23.20	24.00	24.00	24.20
FR1 n12	TX1	1	100.00%	25.00	24.20	24.00	30.50	31.50	30.70	24.20
FR1 n25/2	TX1	0	100.00%	26.60	26.60	25.80	22.20	23.00	23.00	24.70
FR1 n30	TX1	0	100.00%	26.20	26.20	25.40	22.50	23.30	23.30	24.00
FR1 n30	TX1	1	100.00%	18.50	17.70	17.70	22.40	23.20	22.40	24.50
FR1 n66	TX1	0	100.00%	27.90	27.10	26.80	22.90	24.00	23.20	24.70
FR1 n71	TX1	1	100.00%	25.60	24.80	24.00	30.00	31.60	30.80	24.20
FR1 n77 PC3	TX1	2	100.00%	28.30	27.50	27.50	21.70	22.50	21.70	22.65
FR1 n77 PC2	TX1	2	50.00%	28.30	27.50	27.50	21.70	22.50	21.70	21.80

1. LTE and 5G NR TDD: P_{limit} power levels in the table correspond to the time-averaged power levels which accounts for TX duty cycle.
2. Maximum target power, P_{max}, is configured in NV settings in EUT to limit maximum transmitting power. This power is converted into peak power in NV settings for TDD schemes.



4. **RF Exposure Limits**

4.1 **Uncontrolled Environment**

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The general population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

4.2 **Controlled Environment**

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation). In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. The exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

1. Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.



According to ANSI/IEEE C95.1-1992, the criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.

Peak Spatially Averaged Power Density was evaluated over a circular area of 4cm² per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500			f/300	6
1500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-100,000			1.0	30

5. Guidance Applied

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards, the below KDB standard may not including in the TAF code without accreditation.

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- IEEE 1528-2013
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04
- FCC KDB 865664 D02 SAR Reporting v01r02
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 648474 D04 SAR Evaluation Considerations for Wireless Handsets v01r03
- FCC KDB 248227 D01 802.11 Wi-Fi SAR v02r02
- FCC KDB 941225 D01 3G SAR Procedures v03r01
- FCC KDB 941225 D05 SAR for LTE Devices v02r05
- FCC KDB 941225 D05A Rel.10 LTE SAR Test Guidance v01r02
- FCC KDB 941225 D06 Hotspot Mode SAR v02r01
- FCC KDB 941225 D07 UMPC Mini Tablet v01r02
- IEC/IEEE 62209-1528:2020
- SPEAG DASY6 System Handbook
- SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)



6. Simultaneous Transmission Analysis

Portable Condition	Tx mode	Capable TX Configurations	WWAN Power	WiFi	BT	
				Power	Power	
Head	WWAN standalone	WWAN	Index 2			
	WiFi standalone	WiFi 2.4G 11b SISO (Ant 4)			Index 1	
		WiFi 2.4G 11b SISO (Ant 3)				
		WiFi 2.4G MIMO/CDD (Ant4+3)				
		WiFi 5G/6E MIMO (Ant4+3)				
		WiFi 2.4G 11b SISO (Ant 4) + WiFi 5G/6E MIMO (Ant4+3)				
		WiFi 2.4G 11b SISO (Ant 3) + WiFi 5G/6E MIMO (Ant4+3)				
		WiFi 2.4G 11g/n/ac/ax MIMO (Ant4+3) + WiFi 5G/6E MIMO (Ant4+3)			Index 2 (RSDB)	
	BT standalone	Bluetooth (Ant4)				Index 1
		Bluetooth (Ant3)				
		Bluetooth (Ant4+3) (BDR/EDR Only)				
	WiFi +BT	WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant4)			Index 1	Index 1
		WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant3)				
		WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant4+3)				
	WWAN + WiFi	WWAN + WiFi 2.4G 11b SISO (Ant 4)		Index 3 / Index 7 (Hotspot on)	Index 3	
		WWAN + WiFi 2.4G 11b SISO (Ant 3)				
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)				
		WWAN + WiFi 5G/6E MIMO (Ant4+3)				
		WWAN + WiFi 2.4G 11b SISO (Ant 4) + WiFi 5G/6E MIMO (Ant4+3)				
		WWAN + WiFi 2.4G 11b SISO (Ant 3) + WiFi 5G/6E MIMO (Ant4+3)				
		WWAN + WiFi 2.4G MIMO (Ant4+3) + WiFi 5G/6E MIMO (Ant4+3)			Index 4 (RSDB)	
	WWAN + BT	WWAN + Bluetooth (Ant4)		Index 3 / Index 7 (Hotspot on)		Index 1
		WWAN + Bluetooth (Ant3)				
		WWAN + Bluetooth (Ant4+3) (BDR/EDR Only)				
WWAN + WiFi + BT	WWAN + WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant4)		Index 3 / Index 7 (Hotspot on)	Index 3	Index 1	
	WWAN + WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant3)					
	WWAN + WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant4+3)					



Portable Condition	Tx mode	Capable TX Configurations	WWAN Power	WiFi	BT
				Power	Power
Body	WWAN standalone	WWAN	Index 5		
	WiFi standalone	WiFi 2.4G 11b SISO (Ant 4)		Index 5	Index 6 (RSDB)
		WiFi 2.4G 11b SISO (Ant 3)			
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant4+3)			
		WiFi 2.4G 11b SISO (Ant 4) + WiFi 5G/6E MIMO (Ant4+3)			
		WiFi 2.4G 11b SISO (Ant 3) + WiFi 5G/6E MIMO (Ant4+3)			
		WiFi 2.4G 11g/n/ac/ax MIMO (Ant4+3) + WiFi 5G/6E MIMO (Ant4+3)			
	BT standalone	Bluetooth (Ant4)			Index 4
		Bluetooth (Ant3)			
		Bluetooth (Ant4+3) (BDR/EDR Only)			
	WiFi +BT	WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant4)		Index 5	Index 2
		WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant3)			
		WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G 11b SISO (Ant 4)	Index 6 / Index 4 (Hotspot on)	Index 7	Index 8 (RSDB)
		WWAN + WiFi 2.4G 11b SISO (Ant 3)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant4+3)			
		WWAN + WiFi 2.4G 11b SISO (Ant 4) + WiFi 5G/6E MIMO (Ant4+3)			
		WWAN + WiFi 2.4G 11b SISO (Ant 3) + WiFi 5G/6E MIMO (Ant4+3)			
		WWAN + WiFi 2.4G MIMO (Ant4+3) + WiFi 5G/6E MIMO (Ant4+3)			
	WWAN + BT	WWAN + Bluetooth (Ant4)	Index 6 / Index 4 (Hotspot on)		Index 2
		WWAN + Bluetooth (Ant3)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR Only)			
WWAN + WiFi +BT	WWAN + WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant4)	Index 6 / Index 4 (Hotspot on)	Index 9	Index 3	
	WWAN + WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant3)				
	WWAN + WiFi 5G/6E MIMO (Ant4+3) + Bluetooth (Ant4+3)				

General Note:

- Simultaneous operation at maximum power levels when the device is neither against the body nor the head (i.e. in a mobile RF exposure condition) is addressed in Sporton's RF Exposure report FA161608-04A
- The Sim-Tx configuration combination include in operation description will be match the title in the below Sum-Tx evaluation table.
- This device only WLAN 2.4GHz / 5.2GHz / 5.8GHz supports Hotspot operation and Bluetooth support tethering applications.
- The worst case WLAN reported SAR for each configuration was used for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission with WLAN.
- For antenna 0/1/2/3/4/6, SAR data is reused from FCC ID: A4RGB62Z and, FCC ID: A4RGX7AS and spot check verification is provided in the spot check report FA161608-04E. For antenna 0/1/2/3/4/6 data reuse SAR result from FCC ID: A4RGB62Z and, FCC ID: A4RGX7AS are used for Sim-Tx analysis and list below table.
- The Scaled SAR summation is calculated based on the same configuration and test position.
- Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - Scalar SAR summation < 1.6W/kg.
 - $SPLSR = (SAR1 + SAR2) \cdot 1.5 / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.
- For WWAN power, when the device is in head mode and hotspot function is enabled, the device will select power index 7 which is further lower than power index 3, as described in the operational description. In this report, standalone and simultaneous SAR compliance for the mentioned scenario was justified at power index 3 conservatively.

6.1 5G NR + LTE + WLAN + BT Sim-Tx analysis

The power ratio factors are g_1 and g_2 for LTE and NR respectively. The main purpose of these power ratio factors is to split the available SAR budget among different RATs, so $g_1 + g_2 \leq 1$. The value of g_1 is computed based on the need of the anchor (LTE) and can be changed if the anchor changes its power request. Based on the SAR Budget portion allocated to the anchor, the value of g_2 will be computed. At steady state (where all RATs are being on for a while), the allocated power ratio factors will guarantee that the total exposure ratio never exceeds the highest exposure of either one.

$$g_1 * LTE_{exposure} + g_2 * NR_{exposure} \leq 1.0,$$

$$\text{then, } g_1 * LTE_{exposure} + g_2 * NR_{exposure} \leq \max (LTE_{exposure} , NR_{exposure})$$

Compliance of simultaneous transmission of LTE+5GNR+WiFi+BT can be justified from the compliance of LTE+WiFi +BT and 5GNR+WiFi+BT

6.2 Head Exposure Conditions

<WLAN Index 1, BT Index 1>

Exposure Position	2	3	4	5	6	7	8	5+6 Summed 1g SAR (W/kg)	5+7 Summed 1g SAR (W/kg)	5+8 Summed 1g SAR (W/kg)
	WLAN2.4G Hz Ant 4 1g SAR (W/kg)	WLAN2.4G Hz Ant 3 1g SAR (W/kg)	WLAN2.4G Hz Ant 4+3 1g SAR (W/kg)	WLAN5/6G Hz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)			
Right Cheek	0.532	1.020	0.919	1.131	0.088	0.201	0.243	1.219	1.332	1.374
Right Tilted	0.607	0.142	0.501	0.368	0.105	0.046	0.117	0.473	0.414	0.485
Left Cheek	0.713	0.247	0.829	1.159	0.136	0.054	0.147	1.295	1.213	1.306
Left Tilted	0.973	0.087	1.116	0.948	0.163	0.015	0.173	1.111	0.963	1.121

<WLAN Index 2>

Exposure Position	2	3	4	5	2+5 Summed 1g SAR (W/kg)	3+5 Summed 1g SAR (W/kg)	4+5 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)			
Right Cheek	0.239	0.420	0.399	0.942	1.181	1.362	1.341
Right Tilted	0.323	0.087	0.518	0.328	0.651	0.415	0.846
Left Cheek	0.209	0.246	0.468	0.993	1.202	1.239	1.461
Left Tilted	0.332	0.059	0.596	0.844	1.176	0.903	1.440



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<WWAN Index 3, WLAN Index 3, BT Index 1>

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	1+6	1+7	1+8	1+5+6	1+5+7	1+5+8	1+5	1+2	1+3	1+4
		WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 0	Right Cheek	0.405	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.493	0.606	0.648	0.853	0.966	1.008	0.765	0.644	0.825	0.804
	Right Tilted	0.231	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.336	0.277	0.348	0.652	0.593	0.664	0.547	0.554	0.318	0.749
	Left Cheek	0.643	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.779	0.697	0.790	1.195	1.113	1.206	1.059	0.852	0.889	1.111
	Left Tilted	0.310	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.473	0.325	0.483	0.766	0.618	0.776	0.603	0.642	0.369	0.906
GSM1900_Ant 2	Right Cheek	0.242	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.330	0.443	0.485	0.690	0.803	0.845	0.602	0.481	0.662	0.641
	Right Tilted	0.071	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.176	0.117	0.188	0.492	0.433	0.504	0.387	0.394	0.158	0.589
	Left Cheek	0.100	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.236	0.154	0.247	0.652	0.570	0.663	0.516	0.309	0.346	0.568
	Left Tilted	0.090	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.253	0.105	0.263	0.546	0.398	0.556	0.383	0.422	0.149	0.686
WCDMA II_Ant 2	Right Cheek	0.353	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.441	0.554	0.596	0.801	0.914	0.956	0.713	0.592	0.773	0.752
	Right Tilted	0.124	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.229	0.170	0.241	0.545	0.486	0.557	0.440	0.447	0.211	0.642
	Left Cheek	0.175	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.311	0.229	0.322	0.727	0.645	0.738	0.591	0.384	0.421	0.643
	Left Tilted	0.162	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.325	0.177	0.335	0.618	0.470	0.628	0.455	0.494	0.221	0.758
WCDMA IV_Ant 2	Right Cheek	0.372	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.460	0.573	0.615	0.820	0.933	0.975	0.732	0.611	0.792	0.771
	Right Tilted	0.148	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.253	0.194	0.265	0.569	0.510	0.581	0.464	0.471	0.235	0.666
	Left Cheek	0.238	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.374	0.292	0.385	0.790	0.708	0.801	0.654	0.447	0.484	0.706
	Left Tilted	0.135	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.298	0.150	0.308	0.591	0.443	0.601	0.428	0.467	0.194	0.731
WCDMA V_Ant 0	Right Cheek	0.242	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.330	0.443	0.485	0.690	0.803	0.845	0.602	0.481	0.662	0.641
	Right Tilted	0.120	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.225	0.166	0.237	0.541	0.482	0.553	0.436	0.443	0.207	0.638
	Left Cheek	0.370	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.506	0.424	0.517	0.922	0.840	0.933	0.786	0.579	0.616	0.838
	Left Tilted	0.193	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.356	0.208	0.366	0.649	0.501	0.659	0.486	0.525	0.252	0.789
LTE Band 7_Ant 2	Right Cheek	0.991	0.239	0.420	0.399	0.360	0.088	0.201	0.243	1.079	1.192	1.234	1.439	1.552	1.594	1.351	1.230	1.411	1.390
	Right Tilted	0.194	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.299	0.240	0.311	0.615	0.556	0.627	0.510	0.517	0.281	0.712
	Left Cheek	0.404	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.540	0.458	0.551	0.956	0.874	0.967	0.820	0.613	0.650	0.872
	Left Tilted	0.211	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.374	0.226	0.384	0.667	0.519	0.677	0.504	0.543	0.270	0.807
LTE Band 12_Ant 0	Right Cheek	0.205	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.293	0.406	0.448	0.653	0.766	0.808	0.565	0.444	0.625	0.604
	Right Tilted	0.143	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.248	0.189	0.260	0.564	0.505	0.576	0.459	0.466	0.230	0.661
	Left Cheek	0.299	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.435	0.353	0.446	0.851	0.769	0.862	0.715	0.508	0.545	0.767
	Left Tilted	0.176	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.339	0.191	0.349	0.632	0.484	0.642	0.469	0.508	0.235	0.772
LTE Band 13_Ant 0	Right Cheek	0.266	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.354	0.467	0.509	0.714	0.827	0.869	0.626	0.505	0.686	0.665
	Right Tilted	0.149	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.254	0.195	0.266	0.570	0.511	0.582	0.465	0.472	0.236	0.667
	Left Cheek	0.356	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.492	0.410	0.503	0.908	0.826	0.919	0.772	0.565	0.602	0.824
	Left Tilted	0.234	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.397	0.249	0.407	0.690	0.542	0.700	0.527	0.566	0.293	0.830
LTE Band 14_Ant 0	Right Cheek	0.273	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.361	0.474	0.516	0.721	0.834	0.876	0.633	0.512	0.693	0.672
	Right Tilted	0.139	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.244	0.185	0.256	0.560	0.501	0.572	0.455	0.462	0.226	0.657
	Left Cheek	0.366	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.502	0.420	0.513	0.918	0.836	0.929	0.782	0.575	0.612	0.834
	Left Tilted	0.225	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.388	0.240	0.398	0.681	0.533	0.691	0.518	0.557	0.284	0.821
LTE Band 25_Ant 2	Right Cheek	0.341	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.429	0.542	0.584	0.789	0.902	0.944	0.701	0.580	0.761	0.740
	Right Tilted	0.114	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.219	0.160	0.231	0.535	0.476	0.547	0.430	0.437	0.201	0.632
	Left Cheek	0.161	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.297	0.215	0.308	0.713	0.631	0.724	0.577	0.370	0.407	0.629
	Left Tilted	0.140	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.303	0.155	0.313	0.596	0.448	0.606	0.433	0.472	0.199	0.736
LTE Band 26_Ant 0	Right Cheek	0.217	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.305	0.418	0.460	0.665	0.778	0.820	0.577	0.456	0.637	0.616
	Right Tilted	0.119	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.224	0.165	0.236	0.540	0.481	0.552	0.435	0.442	0.206	0.637
	Left Cheek	0.343	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.479	0.397	0.490	0.895	0.813	0.906	0.759	0.552	0.589	0.811
	Left Tilted	0.185	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.348	0.200	0.358	0.641	0.493	0.651	0.478	0.517	0.244	0.781
LTE Band 30_Ant 2	Right Cheek	0.530	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.618	0.731	0.773	0.978	1.091	1.133	0.890	0.769	0.950	0.929
	Right Tilted	0.192	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.297	0.238	0.309	0.613	0.554	0.625	0.508	0.515	0.279	0.710
	Left Cheek	0.376	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.512	0.430	0.523	0.928	0.846	0.939	0.792	0.585	0.622	0.844
	Left Tilted	0.288	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.451	0.303	0.461	0.744	0.596	0.754	0.581	0.620	0.347	0.884
LTE Band 41_Ant 2	Right Cheek	0.690	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.778	0.891	0.933	1.138	1.251	1.293	1.050	0.929	1.110	1.089
	Right Tilted	0.234	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.339	0.280	0.351	0.655	0.596	0.667	0.550	0.557	0.321	0.752
	Left Cheek	0.338	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.474	0.392	0.485	0.890	0.808	0.901	0.754	0.547	0.584	0.806
	Left Tilted	0.194	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.357	0.209	0.367	0.650	0.502	0.660	0.487	0.526	0.253	0.790



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LTE Band 48_Ant 6	Right Cheek	0.126	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.214	0.327	0.369	0.574	0.687	0.729	0.486	0.365	0.546	0.525
	Right Tilted	0.093	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.198	0.139	0.210	0.514	0.455	0.526	0.409	0.416	0.180	0.611
	Left Cheek	0.219	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.355	0.273	0.366	0.771	0.689	0.782	0.635	0.428	0.465	0.687
	Left Tilted	0.069	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.232	0.084	0.242	0.525	0.377	0.535	0.362	0.401	0.128	0.665
LTE Band 66_Ant 2	Right Cheek	0.297	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.385	0.498	0.540	0.745	0.858	0.900	0.657	0.536	0.717	0.696
	Right Tilted	0.147	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.252	0.193	0.264	0.568	0.509	0.580	0.463	0.470	0.234	0.665
	Left Cheek	0.187	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.323	0.241	0.334	0.739	0.657	0.750	0.603	0.396	0.433	0.655
	Left Tilted	0.113	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.276	0.128	0.286	0.569	0.421	0.579	0.406	0.445	0.172	0.709
LTE Band 71_Ant 0	Right Cheek	0.295	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.383	0.496	0.538	0.743	0.856	0.898	0.655	0.534	0.715	0.694
	Right Tilted	0.127	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.232	0.173	0.244	0.548	0.489	0.560	0.443	0.450	0.214	0.645
	Left Cheek	0.311	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.447	0.365	0.458	0.863	0.781	0.874	0.727	0.520	0.557	0.779
	Left Tilted	0.149	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.312	0.164	0.322	0.605	0.457	0.615	0.442	0.481	0.208	0.745
FR1 n5_Ant 0	Right Cheek	0.277	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.365	0.478	0.520	0.725	0.838	0.880	0.637	0.516	0.697	0.676
	Right Tilted	0.148	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.253	0.194	0.265	0.569	0.510	0.581	0.464	0.471	0.235	0.666
	Left Cheek	0.368	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.504	0.422	0.515	0.920	0.838	0.931	0.784	0.577	0.614	0.836
	Left Tilted	0.210	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.373	0.225	0.383	0.666	0.518	0.676	0.503	0.542	0.269	0.806
FR1 n7_Ant 2	Right Cheek	0.904	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.992	1.105	1.147	1.352	1.465	1.507	1.264	1.143	1.324	1.303
	Right Tilted	0.181	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.286	0.227	0.298	0.602	0.543	0.614	0.497	0.504	0.268	0.699
	Left Cheek	0.474	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.610	0.528	0.621	1.026	0.944	1.037	0.890	0.683	0.720	0.942
	Left Tilted	0.245	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.408	0.260	0.418	0.701	0.553	0.711	0.538	0.577	0.304	0.841
FR1 n12_Ant 0	Right Cheek	0.265	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.353	0.466	0.508	0.713	0.826	0.868	0.625	0.504	0.685	0.664
	Right Tilted	0.161	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.266	0.207	0.278	0.582	0.523	0.594	0.477	0.484	0.248	0.679
	Left Cheek	0.304	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.440	0.358	0.451	0.856	0.774	0.867	0.720	0.513	0.550	0.772
	Left Tilted	0.186	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.349	0.201	0.359	0.642	0.494	0.652	0.479	0.518	0.245	0.782
FR1 n25_Ant 2	Right Cheek	0.360	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.448	0.561	0.603	0.808	0.921	0.963	0.720	0.599	0.780	0.759
	Right Tilted	0.093	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.198	0.139	0.210	0.514	0.455	0.526	0.409	0.416	0.180	0.611
	Left Cheek	0.142	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.278	0.196	0.289	0.694	0.612	0.705	0.558	0.351	0.388	0.610
	Left Tilted	0.137	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.300	0.152	0.310	0.593	0.445	0.603	0.430	0.469	0.196	0.733
FR1 n30_Ant 2	Right Cheek	0.521	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.609	0.722	0.764	0.969	1.082	1.124	0.881	0.760	0.941	0.920
	Right Tilted	0.191	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.296	0.237	0.308	0.612	0.553	0.624	0.507	0.514	0.278	0.709
	Left Cheek	0.367	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.503	0.421	0.514	0.919	0.837	0.930	0.783	0.576	0.613	0.835
	Left Tilted	0.283	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.446	0.298	0.456	0.739	0.591	0.749	0.576	0.615	0.342	0.879
FR1 n66_Ant 2	Right Cheek	0.287	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.375	0.488	0.530	0.735	0.848	0.890	0.647	0.526	0.707	0.686
	Right Tilted	0.131	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.236	0.177	0.248	0.552	0.493	0.564	0.447	0.454	0.218	0.649
	Left Cheek	0.143	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.279	0.197	0.290	0.695	0.613	0.706	0.559	0.352	0.389	0.611
	Left Tilted	0.118	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.281	0.133	0.291	0.574	0.426	0.584	0.411	0.450	0.177	0.714
FR1 n71_Ant 0	Right Cheek	0.238	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.326	0.439	0.481	0.686	0.799	0.841	0.598	0.477	0.658	0.637
	Right Tilted	0.111	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.216	0.157	0.228	0.532	0.473	0.544	0.427	0.434	0.198	0.629
	Left Cheek	0.275	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.411	0.329	0.422	0.827	0.745	0.838	0.691	0.484	0.521	0.743
	Left Tilted	0.135	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.298	0.150	0.308	0.591	0.443	0.601	0.428	0.467	0.194	0.731
FR1 n77_Ant 6	Right Cheek	0.382	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.470	0.583	0.625	0.830	0.943	0.985	0.742	0.621	0.802	0.781
	Right Tilted	0.376	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.481	0.422	0.493	0.797	0.738	0.809	0.692	0.699	0.463	0.894
	Left Cheek	0.754	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.890	0.808	0.901	1.306	1.224	1.317	1.170	0.963	1.000	1.222
	Left Tilted	0.246	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.409	0.261	0.419	0.702	0.554	0.712	0.539	0.578	0.305	0.842



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<WWAN Index 3, WLAN Index 3, BT Index 1>

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	1+6	1+7	1+8	1+5+6	1+5+7	1+5+8	1+5	1+2	1+3	1+4
		WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 1	Right Cheek	0.976	0.239	0.420	0.399	0.360	0.088	0.201	0.243	1.064	1.177	1.219	1.424	1.537	1.579	1.336	1.215	1.396	1.375
	Right Tilted	0.633	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.738	0.679	0.750	1.054	0.995	1.066	0.949	0.956	0.720	1.151
	Left Cheek	0.477	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.613	0.531	0.624	1.029	0.947	1.040	0.893	0.686	0.723	0.945
	Left Tilted	0.359	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.522	0.374	0.532	0.815	0.667	0.825	0.652	0.691	0.418	0.955
GSM1900_Ant 0	Right Cheek	0.209	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.297	0.410	0.452	0.657	0.770	0.812	0.569	0.448	0.629	0.608
	Right Tilted	0.246	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.351	0.292	0.363	0.667	0.608	0.679	0.562	0.569	0.333	0.764
	Left Cheek	0.555	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.691	0.609	0.702	1.107	1.025	1.118	0.971	0.764	0.801	1.023
	Left Tilted	0.261	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.424	0.276	0.434	0.717	0.569	0.727	0.554	0.593	0.320	0.857
WCDMA II_Ant 0	Right Cheek	0.370	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.458	0.571	0.613	0.818	0.931	0.973	0.730	0.609	0.790	0.769
	Right Tilted	0.319	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.424	0.365	0.436	0.740	0.681	0.752	0.635	0.642	0.406	0.837
	Left Cheek	0.969	0.209	0.246	0.468	0.416	0.136	0.054	0.147	1.105	1.023	1.116	1.521	1.439	1.532	1.385	1.178	1.215	1.437
	Left Tilted	0.279	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.442	0.294	0.452	0.735	0.587	0.745	0.572	0.611	0.338	0.875
WCDMA IV_Ant 0	Right Cheek	0.311	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.399	0.512	0.554	0.759	0.872	0.914	0.671	0.550	0.731	0.710
	Right Tilted	0.340	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.445	0.386	0.457	0.761	0.702	0.773	0.656	0.663	0.427	0.858
	Left Cheek	0.721	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.857	0.775	0.868	1.273	1.191	1.284	1.137	0.930	0.967	1.189
	Left Tilted	0.361	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.524	0.376	0.534	0.817	0.669	0.827	0.654	0.693	0.420	0.957
WCDMA V_Ant 1	Right Cheek	0.986	0.239	0.420	0.399	0.360	0.088	0.201	0.243	1.074	1.187	1.229	1.434	1.547	1.589	1.346	1.225	1.406	1.385
	Right Tilted	0.752	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.857	0.798	0.869	1.173	1.114	1.185	1.068	1.075	0.839	1.270
	Left Cheek	0.473	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.609	0.527	0.620	1.025	0.943	1.036	0.889	0.682	0.719	0.941
	Left Tilted	0.397	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.560	0.412	0.570	0.853	0.705	0.863	0.690	0.729	0.456	0.993
LTE Band 7_Ant 0	Right Cheek	0.179	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.267	0.380	0.422	0.627	0.740	0.782	0.539	0.418	0.599	0.578
	Right Tilted	0.201	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.306	0.247	0.318	0.622	0.563	0.634	0.517	0.524	0.288	0.719
	Left Cheek	0.744	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.880	0.798	0.891	1.296	1.214	1.307	1.160	0.953	0.990	1.212
	Left Tilted	0.140	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.303	0.155	0.313	0.596	0.448	0.606	0.433	0.472	0.199	0.736
LTE Band 12_Ant 1	Right Cheek	0.991	0.239	0.420	0.399	0.360	0.088	0.201	0.243	1.079	1.192	1.234	1.439	1.552	1.594	1.351	1.230	1.411	1.390
	Right Tilted	0.885	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.990	0.931	1.002	1.306	1.247	1.318	1.201	1.208	0.972	1.403
	Left Cheek	0.394	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.530	0.448	0.541	0.946	0.864	0.957	0.810	0.603	0.640	0.862
	Left Tilted	0.395	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.558	0.410	0.568	0.851	0.703	0.861	0.688	0.727	0.454	0.991
LTE Band 13_Ant 1	Right Cheek	0.847	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.935	1.048	1.090	1.295	1.408	1.450	1.207	1.086	1.267	1.246
	Right Tilted	0.921	0.323	0.087	0.518	0.316	0.105	0.046	0.117	1.026	0.967	1.038	1.342	1.283	1.354	1.237	1.244	1.008	1.439
	Left Cheek	0.434	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.570	0.488	0.581	0.986	0.904	0.997	0.850	0.643	0.680	0.902
	Left Tilted	0.409	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.572	0.424	0.582	0.865	0.717	0.875	0.702	0.741	0.468	1.005
LTE Band 14_Ant 1	Right Cheek	0.985	0.239	0.420	0.399	0.360	0.088	0.201	0.243	1.073	1.186	1.228	1.433	1.546	1.588	1.345	1.224	1.405	1.384
	Right Tilted	0.901	0.323	0.087	0.518	0.316	0.105	0.046	0.117	1.006	0.947	1.018	1.322	1.263	1.334	1.217	1.224	0.988	1.419
	Left Cheek	0.457	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.593	0.511	0.604	1.009	0.927	1.020	0.873	0.666	0.703	0.925
	Left Tilted	0.402	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.565	0.417	0.575	0.858	0.710	0.868	0.695	0.734	0.461	0.998
LTE Band 25_Ant 0	Right Cheek	0.339	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.427	0.540	0.582	0.787	0.900	0.942	0.699	0.578	0.759	0.738
	Right Tilted	0.255	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.360	0.301	0.372	0.676	0.617	0.688	0.571	0.578	0.342	0.773
	Left Cheek	0.736	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.872	0.790	0.883	1.288	1.206	1.299	1.152	0.945	0.982	1.204
	Left Tilted	0.235	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.398	0.250	0.408	0.691	0.543	0.701	0.528	0.567	0.294	0.831
LTE Band 26_Ant 1	Right Cheek	0.918	0.239	0.420	0.399	0.360	0.088	0.201	0.243	1.006	1.119	1.161	1.366	1.479	1.521	1.278	1.157	1.338	1.317
	Right Tilted	0.983	0.323	0.087	0.518	0.316	0.105	0.046	0.117	1.088	1.029	1.100	1.404	1.345	1.416	1.299	1.306	1.070	1.501
	Left Cheek	0.549	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.685	0.603	0.696	1.101	1.019	1.112	0.965	0.758	0.795	1.017
	Left Tilted	0.510	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.673	0.525	0.683	0.966	0.818	0.976	0.803	0.842	0.569	1.106
LTE Band 30_Ant 0	Right Cheek	0.221	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.309	0.422	0.464	0.669	0.782	0.824	0.581	0.460	0.641	0.620
	Right Tilted	0.173	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.278	0.219	0.290	0.594	0.535	0.606	0.489	0.496	0.260	0.691
	Left Cheek	0.788	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.924	0.842	0.935	1.340	1.258	1.351	1.204	0.997	1.034	1.256
	Left Tilted	0.136	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.299	0.151	0.309	0.592	0.444	0.602	0.429	0.468	0.195	0.732
LTE Band 41_Ant 0	Right Cheek	0.199	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.287	0.400	0.442	0.647	0.760	0.802	0.559	0.438	0.619	0.598
	Right Tilted	0.196	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.301	0.242	0.313	0.617	0.558	0.629	0.512	0.519	0.283	0.714
	Left Cheek	0.528	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.664	0.582	0.675	1.080	0.998	1.091	0.944	0.737	0.774	0.996
	Left Tilted	0.143	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.306	0.158	0.316	0.599	0.451	0.609	0.436	0.475	0.202	0.739



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LTE Band 48_Ant 2	Right Cheek	0.165	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.253	0.366	0.408	0.613	0.726	0.768	0.525	0.404	0.585	0.564
	Right Tilted	0.100	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.205	0.146	0.217	0.521	0.462	0.533	0.416	0.423	0.187	0.618
	Left Cheek	0.109	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.245	0.163	0.256	0.661	0.579	0.672	0.525	0.318	0.355	0.577
	Left Tilted	0.105	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.268	0.120	0.278	0.561	0.413	0.571	0.398	0.437	0.164	0.701
LTE Band 66_Ant 0	Right Cheek	0.292	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.380	0.493	0.535	0.740	0.853	0.895	0.652	0.531	0.712	0.691
	Right Tilted	0.335	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.440	0.381	0.452	0.756	0.697	0.768	0.651	0.658	0.422	0.853
	Left Cheek	0.676	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.812	0.730	0.823	1.228	1.146	1.239	1.092	0.885	0.922	1.144
	Left Tilted	0.348	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.511	0.363	0.521	0.804	0.656	0.814	0.641	0.680	0.407	0.944
LTE Band 71_Ant 1	Right Cheek	0.843	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.931	1.044	1.086	1.291	1.404	1.446	1.203	1.082	1.263	1.242
	Right Tilted	0.835	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.940	0.881	0.952	1.256	1.197	1.268	1.151	1.158	0.922	1.353
	Left Cheek	0.371	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.507	0.425	0.518	0.923	0.841	0.934	0.787	0.580	0.617	0.839
	Left Tilted	0.348	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.511	0.363	0.521	0.804	0.656	0.814	0.641	0.680	0.407	0.944
FR1 n5_Ant 1	Right Cheek	0.963	0.239	0.420	0.399	0.360	0.088	0.201	0.243	1.051	1.164	1.206	1.411	1.524	1.566	1.323	1.202	1.383	1.362
	Right Tilted	0.694	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.799	0.740	0.811	1.115	1.056	1.127	1.010	1.017	0.781	1.212
	Left Cheek	0.488	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.624	0.542	0.635	1.040	0.958	1.051	0.904	0.697	0.734	0.956
	Left Tilted	0.399	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.562	0.414	0.572	0.855	0.707	0.865	0.692	0.731	0.458	0.995
FR1 n7_Ant 0	Right Cheek	0.314	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.402	0.515	0.557	0.762	0.875	0.917	0.674	0.553	0.734	0.713
	Right Tilted	0.228	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.333	0.274	0.345	0.649	0.590	0.661	0.544	0.551	0.315	0.746
	Left Cheek	0.754	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.890	0.808	0.901	1.306	1.224	1.317	1.170	0.963	1.000	1.222
	Left Tilted	0.157	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.320	0.172	0.330	0.613	0.465	0.623	0.450	0.489	0.216	0.753
FR1 n12_Ant 1	Right Cheek	0.981	0.239	0.420	0.399	0.360	0.088	0.201	0.243	1.069	1.182	1.224	1.429	1.542	1.584	1.341	1.220	1.401	1.380
	Right Tilted	0.693	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.798	0.739	0.810	1.114	1.055	1.126	1.009	1.016	0.780	1.211
	Left Cheek	0.353	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.489	0.407	0.500	0.905	0.823	0.916	0.769	0.562	0.599	0.821
	Left Tilted	0.285	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.448	0.300	0.458	0.741	0.593	0.751	0.578	0.617	0.344	0.881
FR1 n25_Ant 0	Right Cheek	0.349	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.437	0.550	0.592	0.797	0.910	0.952	0.709	0.588	0.769	0.748
	Right Tilted	0.283	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.388	0.329	0.400	0.704	0.645	0.716	0.599	0.606	0.370	0.801
	Left Cheek	0.829	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.965	0.883	0.976	1.381	1.299	1.392	1.245	1.038	1.075	1.297
	Left Tilted	0.251	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.414	0.266	0.424	0.707	0.559	0.717	0.544	0.583	0.310	0.847
FR1 n30_Ant 0	Right Cheek	0.296	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.384	0.497	0.539	0.744	0.857	0.899	0.656	0.535	0.716	0.695
	Right Tilted	0.228	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.333	0.274	0.345	0.649	0.590	0.661	0.544	0.551	0.315	0.746
	Left Cheek	0.681	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.817	0.735	0.828	1.233	1.151	1.244	1.097	0.890	0.927	1.149
	Left Tilted	0.209	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.372	0.224	0.382	0.665	0.517	0.675	0.502	0.541	0.268	0.805
FR1 n66_Ant 0	Right Cheek	0.260	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.348	0.461	0.503	0.708	0.821	0.863	0.620	0.499	0.680	0.659
	Right Tilted	0.292	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.397	0.338	0.409	0.713	0.654	0.725	0.608	0.615	0.379	0.810
	Left Cheek	0.615	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.751	0.669	0.762	1.167	1.085	1.178	1.031	0.824	0.861	1.083
	Left Tilted	0.305	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.468	0.320	0.478	0.761	0.613	0.771	0.598	0.637	0.364	0.901
FR1 n71_Ant 1	Right Cheek	0.703	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.791	0.904	0.946	1.151	1.264	1.306	1.063	0.942	1.123	1.102
	Right Tilted	0.652	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.757	0.698	0.769	1.073	1.014	1.085	0.968	0.975	0.739	1.170
	Left Cheek	0.343	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.479	0.397	0.490	0.895	0.813	0.906	0.759	0.552	0.589	0.811
	Left Tilted	0.308	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.471	0.323	0.481	0.764	0.616	0.774	0.601	0.640	0.367	0.904
FR1 n77_Ant 2	Right Cheek	0.616	0.239	0.420	0.399	0.360	0.088	0.201	0.243	0.704	0.817	0.859	1.064	1.177	1.219	0.976	0.855	1.036	1.015
	Right Tilted	0.196	0.323	0.087	0.518	0.316	0.105	0.046	0.117	0.301	0.242	0.313	0.617	0.558	0.629	0.512	0.519	0.283	0.714
	Left Cheek	0.325	0.209	0.246	0.468	0.416	0.136	0.054	0.147	0.461	0.379	0.472	0.877	0.795	0.888	0.741	0.534	0.571	0.793
	Left Tilted	0.279	0.332	0.059	0.596	0.293	0.163	0.015	0.173	0.442	0.294	0.452	0.735	0.587	0.745	0.572	0.611	0.338	0.875



<WWAN Index 3, WLAN Index 4>

WWAN Band	Exposure Position	1	2	3	4	5	1+5	1+2	1+3	1+4	1+2+5	1+3+5	1+4+5
		WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 0	Right Cheek	0.405	0.060	0.130	0.128	0.360	0.765	0.465	0.535	0.533	0.825	0.895	0.893
	Right Tilted	0.231	0.081	0.036	0.074	0.281	0.512	0.312	0.267	0.305	0.593	0.548	0.586
	Left Cheek	0.643	0.064	0.089	0.043	0.416	1.059	0.707	0.732	0.686	1.123	1.148	1.102
	Left Tilted	0.310	0.083	0.017	0.101	0.293	0.603	0.393	0.327	0.411	0.686	0.620	0.704
GSM1900_Ant 2	Right Cheek	0.242	0.060	0.130	0.128	0.360	0.602	0.302	0.372	0.370	0.662	0.732	0.730
	Right Tilted	0.071	0.081	0.036	0.074	0.281	0.352	0.152	0.107	0.145	0.433	0.388	0.426
	Left Cheek	0.100	0.064	0.089	0.043	0.416	0.516	0.164	0.189	0.143	0.580	0.605	0.559
	Left Tilted	0.090	0.083	0.017	0.101	0.293	0.383	0.173	0.107	0.191	0.466	0.400	0.484
WCDMA II_Ant 2	Right Cheek	0.353	0.060	0.130	0.128	0.360	0.713	0.413	0.483	0.481	0.773	0.843	0.841
	Right Tilted	0.124	0.081	0.036	0.074	0.281	0.405	0.205	0.160	0.198	0.486	0.441	0.479
	Left Cheek	0.175	0.064	0.089	0.043	0.416	0.591	0.239	0.264	0.218	0.655	0.680	0.634
	Left Tilted	0.162	0.083	0.017	0.101	0.293	0.455	0.245	0.179	0.263	0.538	0.472	0.556
WCDMA IV_Ant 2	Right Cheek	0.372	0.060	0.130	0.128	0.360	0.732	0.432	0.502	0.500	0.792	0.862	0.860
	Right Tilted	0.148	0.081	0.036	0.074	0.281	0.429	0.229	0.184	0.222	0.510	0.465	0.503
	Left Cheek	0.238	0.064	0.089	0.043	0.416	0.654	0.302	0.327	0.281	0.718	0.743	0.697
	Left Tilted	0.135	0.083	0.017	0.101	0.293	0.428	0.218	0.152	0.236	0.511	0.445	0.529
WCDMA V_Ant 0	Right Cheek	0.242	0.060	0.130	0.128	0.360	0.602	0.302	0.372	0.370	0.662	0.732	0.730
	Right Tilted	0.120	0.081	0.036	0.074	0.281	0.401	0.201	0.156	0.194	0.482	0.437	0.475
	Left Cheek	0.370	0.064	0.089	0.043	0.416	0.786	0.434	0.459	0.413	0.850	0.875	0.829
	Left Tilted	0.193	0.083	0.017	0.101	0.293	0.486	0.276	0.210	0.294	0.569	0.503	0.587
LTE Band 7_Ant 2	Right Cheek	0.991	0.060	0.130	0.128	0.360	1.351	1.051	1.121	1.119	1.411	1.481	1.479
	Right Tilted	0.194	0.081	0.036	0.074	0.281	0.475	0.275	0.230	0.268	0.556	0.511	0.549
	Left Cheek	0.404	0.064	0.089	0.043	0.416	0.820	0.468	0.493	0.447	0.884	0.909	0.863
	Left Tilted	0.211	0.083	0.017	0.101	0.293	0.504	0.294	0.228	0.312	0.587	0.521	0.605
LTE Band 12_Ant 0	Right Cheek	0.205	0.060	0.130	0.128	0.360	0.565	0.265	0.335	0.333	0.625	0.695	0.693
	Right Tilted	0.143	0.081	0.036	0.074	0.281	0.424	0.224	0.179	0.217	0.505	0.460	0.498
	Left Cheek	0.299	0.064	0.089	0.043	0.416	0.715	0.363	0.388	0.342	0.779	0.804	0.758
	Left Tilted	0.176	0.083	0.017	0.101	0.293	0.469	0.259	0.193	0.277	0.552	0.486	0.570
LTE Band 13_Ant 0	Right Cheek	0.266	0.060	0.130	0.128	0.360	0.626	0.326	0.396	0.394	0.686	0.756	0.754
	Right Tilted	0.149	0.081	0.036	0.074	0.281	0.430	0.230	0.185	0.223	0.511	0.466	0.504
	Left Cheek	0.356	0.064	0.089	0.043	0.416	0.772	0.420	0.445	0.399	0.836	0.861	0.815
	Left Tilted	0.234	0.083	0.017	0.101	0.293	0.527	0.317	0.251	0.335	0.610	0.544	0.628
LTE Band 14_Ant 0	Right Cheek	0.273	0.060	0.130	0.128	0.360	0.633	0.333	0.403	0.401	0.693	0.763	0.761
	Right Tilted	0.139	0.081	0.036	0.074	0.281	0.420	0.220	0.175	0.213	0.501	0.456	0.494
	Left Cheek	0.366	0.064	0.089	0.043	0.416	0.782	0.430	0.455	0.409	0.846	0.871	0.825
	Left Tilted	0.225	0.083	0.017	0.101	0.293	0.518	0.308	0.242	0.326	0.601	0.535	0.619
LTE Band 25_Ant 2	Right Cheek	0.341	0.060	0.130	0.128	0.360	0.701	0.401	0.471	0.469	0.761	0.831	0.829
	Right Tilted	0.114	0.081	0.036	0.074	0.281	0.395	0.195	0.150	0.188	0.476	0.431	0.469
	Left Cheek	0.161	0.064	0.089	0.043	0.416	0.577	0.225	0.250	0.204	0.641	0.666	0.620
	Left Tilted	0.140	0.083	0.017	0.101	0.293	0.433	0.223	0.157	0.241	0.516	0.450	0.534
LTE Band 26_Ant 0	Right Cheek	0.217	0.060	0.130	0.128	0.360	0.577	0.277	0.347	0.345	0.637	0.707	0.705
	Right Tilted	0.119	0.081	0.036	0.074	0.281	0.400	0.200	0.155	0.193	0.481	0.436	0.474
	Left Cheek	0.343	0.064	0.089	0.043	0.416	0.759	0.407	0.432	0.386	0.823	0.848	0.802
	Left Tilted	0.185	0.083	0.017	0.101	0.293	0.478	0.268	0.202	0.286	0.561	0.495	0.579
LTE Band 30_Ant 2	Right Cheek	0.530	0.060	0.130	0.128	0.360	0.890	0.590	0.660	0.658	0.950	1.020	1.018
	Right Tilted	0.192	0.081	0.036	0.074	0.281	0.473	0.273	0.228	0.266	0.554	0.509	0.547
	Left Cheek	0.376	0.064	0.089	0.043	0.416	0.792	0.440	0.465	0.419	0.856	0.881	0.835
	Left Tilted	0.288	0.083	0.017	0.101	0.293	0.581	0.371	0.305	0.389	0.664	0.598	0.682
LTE Band 41_Ant 2	Right Cheek	0.690	0.060	0.130	0.128	0.360	1.050	0.750	0.820	0.818	1.110	1.180	1.178
	Right Tilted	0.234	0.081	0.036	0.074	0.281	0.515	0.315	0.270	0.308	0.596	0.551	0.589



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	Left Cheek	0.338	0.064	0.089	0.043	0.416	0.754	0.402	0.427	0.381	0.818	0.843	0.797
	Left Tilted	0.194	0.083	0.017	0.101	0.293	0.487	0.277	0.211	0.295	0.570	0.504	0.588
LTE Band 48_Ant 6	Right Cheek	0.126	0.060	0.130	0.128	0.360	0.486	0.186	0.256	0.254	0.546	0.616	0.614
	Right Tilted	0.093	0.081	0.036	0.074	0.281	0.374	0.174	0.129	0.167	0.455	0.410	0.448
	Left Cheek	0.219	0.064	0.089	0.043	0.416	0.635	0.283	0.308	0.262	0.699	0.724	0.678
	Left Tilted	0.069	0.083	0.017	0.101	0.293	0.362	0.152	0.086	0.170	0.445	0.379	0.463
LTE Band 66_Ant 2	Right Cheek	0.297	0.060	0.130	0.128	0.360	0.657	0.357	0.427	0.425	0.717	0.787	0.785
	Right Tilted	0.147	0.081	0.036	0.074	0.281	0.428	0.228	0.183	0.221	0.509	0.464	0.502
	Left Cheek	0.187	0.064	0.089	0.043	0.416	0.603	0.251	0.276	0.230	0.667	0.692	0.646
	Left Tilted	0.113	0.083	0.017	0.101	0.293	0.406	0.196	0.130	0.214	0.489	0.423	0.507
LTE Band 71_Ant 0	Right Cheek	0.295	0.060	0.130	0.128	0.360	0.655	0.355	0.425	0.423	0.715	0.785	0.783
	Right Tilted	0.127	0.081	0.036	0.074	0.281	0.408	0.208	0.163	0.201	0.489	0.444	0.482
	Left Cheek	0.311	0.064	0.089	0.043	0.416	0.727	0.375	0.400	0.354	0.791	0.816	0.770
	Left Tilted	0.149	0.083	0.017	0.101	0.293	0.442	0.232	0.166	0.250	0.525	0.459	0.543
FR1 n5_Ant 0	Right Cheek	0.277	0.060	0.130	0.128	0.360	0.637	0.337	0.407	0.405	0.697	0.767	0.765
	Right Tilted	0.148	0.081	0.036	0.074	0.281	0.429	0.229	0.184	0.222	0.510	0.465	0.503
	Left Cheek	0.368	0.064	0.089	0.043	0.416	0.784	0.432	0.457	0.411	0.848	0.873	0.827
	Left Tilted	0.210	0.083	0.017	0.101	0.293	0.503	0.293	0.227	0.311	0.586	0.520	0.604
FR1 n7_Ant 2	Right Cheek	0.904	0.060	0.130	0.128	0.360	1.264	0.964	1.034	1.032	1.324	1.394	1.392
	Right Tilted	0.181	0.081	0.036	0.074	0.281	0.462	0.262	0.217	0.255	0.543	0.498	0.536
	Left Cheek	0.474	0.064	0.089	0.043	0.416	0.890	0.538	0.563	0.517	0.954	0.979	0.933
	Left Tilted	0.245	0.083	0.017	0.101	0.293	0.538	0.328	0.262	0.346	0.621	0.555	0.639
FR1 n12_Ant 0	Right Cheek	0.265	0.060	0.130	0.128	0.360	0.625	0.325	0.395	0.393	0.685	0.755	0.753
	Right Tilted	0.161	0.081	0.036	0.074	0.281	0.442	0.242	0.197	0.235	0.523	0.478	0.516
	Left Cheek	0.304	0.064	0.089	0.043	0.416	0.720	0.368	0.393	0.347	0.784	0.809	0.763
	Left Tilted	0.186	0.083	0.017	0.101	0.293	0.479	0.269	0.203	0.287	0.562	0.496	0.580
FR1 n25_Ant 2	Right Cheek	0.360	0.060	0.130	0.128	0.360	0.720	0.420	0.490	0.488	0.780	0.850	0.848
	Right Tilted	0.093	0.081	0.036	0.074	0.281	0.374	0.174	0.129	0.167	0.455	0.410	0.448
	Left Cheek	0.142	0.064	0.089	0.043	0.416	0.558	0.206	0.231	0.185	0.622	0.647	0.601
	Left Tilted	0.137	0.083	0.017	0.101	0.293	0.430	0.220	0.154	0.238	0.513	0.447	0.531
FR1 n30_Ant 2	Right Cheek	0.521	0.060	0.130	0.128	0.360	0.881	0.581	0.651	0.649	0.941	1.011	1.009
	Right Tilted	0.191	0.081	0.036	0.074	0.281	0.472	0.272	0.227	0.265	0.553	0.508	0.546
	Left Cheek	0.367	0.064	0.089	0.043	0.416	0.783	0.431	0.456	0.410	0.847	0.872	0.826
	Left Tilted	0.283	0.083	0.017	0.101	0.293	0.576	0.366	0.300	0.384	0.659	0.593	0.677
FR1 n66_Ant 2	Right Cheek	0.287	0.060	0.130	0.128	0.360	0.647	0.347	0.417	0.415	0.707	0.777	0.775
	Right Tilted	0.131	0.081	0.036	0.074	0.281	0.412	0.212	0.167	0.205	0.493	0.448	0.486
	Left Cheek	0.143	0.064	0.089	0.043	0.416	0.559	0.207	0.232	0.186	0.623	0.648	0.602
	Left Tilted	0.118	0.083	0.017	0.101	0.293	0.411	0.201	0.135	0.219	0.494	0.428	0.512
FR1 n71_Ant 0	Right Cheek	0.238	0.060	0.130	0.128	0.360	0.598	0.298	0.368	0.366	0.658	0.728	0.726
	Right Tilted	0.111	0.081	0.036	0.074	0.281	0.392	0.192	0.147	0.185	0.473	0.428	0.466
	Left Cheek	0.275	0.064	0.089	0.043	0.416	0.691	0.339	0.364	0.318	0.755	0.780	0.734
	Left Tilted	0.135	0.083	0.017	0.101	0.293	0.428	0.218	0.152	0.236	0.511	0.445	0.529
FR1 n77_Ant 6	Right Cheek	0.382	0.060	0.130	0.128	0.360	0.742	0.442	0.512	0.510	0.802	0.872	0.870
	Right Tilted	0.376	0.081	0.036	0.074	0.281	0.657	0.457	0.412	0.450	0.738	0.693	0.731
	Left Cheek	0.754	0.064	0.089	0.043	0.416	1.170	0.818	0.843	0.797	1.234	1.259	1.213
	Left Tilted	0.246	0.083	0.017	0.101	0.293	0.539	0.329	0.263	0.347	0.622	0.556	0.640



<WWAN Index 3, WLAN Index 4>

WWAN Band	Exposure Position	1	2	3	4	5	1+5	1+2	1+3	1+4	1+2+5	1+3+5	1+4+5
		WWAN	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
GSM850_Ant 1	Right Cheek	0.976	0.060	0.130	0.128	0.360	1.336	1.036	1.106	1.104	1.396	1.466	1.464
	Right Tilted	0.633	0.081	0.036	0.074	0.281	0.914	0.714	0.669	0.707	0.995	0.950	0.988
	Left Cheek	0.477	0.064	0.089	0.043	0.416	0.893	0.541	0.566	0.520	0.957	0.982	0.936
	Left Tilted	0.359	0.083	0.017	0.101	0.293	0.652	0.442	0.376	0.460	0.735	0.669	0.753
GSM1900_Ant 0	Right Cheek	0.209	0.060	0.130	0.128	0.360	0.569	0.269	0.339	0.337	0.629	0.699	0.697
	Right Tilted	0.246	0.081	0.036	0.074	0.281	0.527	0.327	0.282	0.320	0.608	0.563	0.601
	Left Cheek	0.555	0.064	0.089	0.043	0.416	0.971	0.619	0.644	0.598	1.035	1.060	1.014
	Left Tilted	0.261	0.083	0.017	0.101	0.293	0.554	0.344	0.278	0.362	0.637	0.571	0.655
WCDMA II_Ant 0	Right Cheek	0.370	0.060	0.130	0.128	0.360	0.730	0.430	0.500	0.498	0.790	0.860	0.858
	Right Tilted	0.319	0.081	0.036	0.074	0.281	0.600	0.400	0.355	0.393	0.681	0.636	0.674
	Left Cheek	0.969	0.064	0.089	0.043	0.416	1.385	1.033	1.058	1.012	1.449	1.474	1.428
	Left Tilted	0.279	0.083	0.017	0.101	0.293	0.572	0.362	0.296	0.380	0.655	0.589	0.673
WCDMA IV_Ant 0	Right Cheek	0.311	0.060	0.130	0.128	0.360	0.671	0.371	0.441	0.439	0.731	0.801	0.799
	Right Tilted	0.340	0.081	0.036	0.074	0.281	0.621	0.421	0.376	0.414	0.702	0.657	0.695
	Left Cheek	0.721	0.064	0.089	0.043	0.416	1.137	0.785	0.810	0.764	1.201	1.226	1.180
	Left Tilted	0.361	0.083	0.017	0.101	0.293	0.654	0.444	0.378	0.462	0.737	0.671	0.755
WCDMA V_Ant 1	Right Cheek	0.986	0.060	0.130	0.128	0.360	1.346	1.046	1.116	1.114	1.406	1.476	1.474
	Right Tilted	0.752	0.081	0.036	0.074	0.281	1.033	0.833	0.788	0.826	1.114	1.069	1.107
	Left Cheek	0.473	0.064	0.089	0.043	0.416	0.889	0.537	0.562	0.516	0.953	0.978	0.932
	Left Tilted	0.397	0.083	0.017	0.101	0.293	0.690	0.480	0.414	0.498	0.773	0.707	0.791
LTE Band 7_Ant 0	Right Cheek	0.179	0.060	0.130	0.128	0.360	0.539	0.239	0.309	0.307	0.599	0.669	0.667
	Right Tilted	0.201	0.081	0.036	0.074	0.281	0.482	0.282	0.237	0.275	0.563	0.518	0.556
	Left Cheek	0.744	0.064	0.089	0.043	0.416	1.160	0.808	0.833	0.787	1.224	1.249	1.203
	Left Tilted	0.140	0.083	0.017	0.101	0.293	0.433	0.223	0.157	0.241	0.516	0.450	0.534
LTE Band 12_Ant 1	Right Cheek	0.991	0.060	0.130	0.128	0.360	1.351	1.051	1.121	1.119	1.411	1.481	1.479
	Right Tilted	0.885	0.081	0.036	0.074	0.281	1.166	0.966	0.921	0.959	1.247	1.202	1.240
	Left Cheek	0.394	0.064	0.089	0.043	0.416	0.810	0.458	0.483	0.437	0.874	0.899	0.853
	Left Tilted	0.395	0.083	0.017	0.101	0.293	0.688	0.478	0.412	0.496	0.771	0.705	0.789
LTE Band 13_Ant 1	Right Cheek	0.847	0.060	0.130	0.128	0.360	1.207	0.907	0.977	0.975	1.267	1.337	1.335
	Right Tilted	0.921	0.081	0.036	0.074	0.281	1.202	1.002	0.957	0.995	1.283	1.238	1.276
	Left Cheek	0.434	0.064	0.089	0.043	0.416	0.850	0.498	0.523	0.477	0.914	0.939	0.893
	Left Tilted	0.409	0.083	0.017	0.101	0.293	0.702	0.492	0.426	0.510	0.785	0.719	0.803
LTE Band 14_Ant 1	Right Cheek	0.985	0.060	0.130	0.128	0.360	1.345	1.045	1.115	1.113	1.405	1.475	1.473
	Right Tilted	0.901	0.081	0.036	0.074	0.281	1.182	0.982	0.937	0.975	1.263	1.218	1.256
	Left Cheek	0.457	0.064	0.089	0.043	0.416	0.873	0.521	0.546	0.500	0.937	0.962	0.916
	Left Tilted	0.402	0.083	0.017	0.101	0.293	0.695	0.485	0.419	0.503	0.778	0.712	0.796
LTE Band 25_Ant 0	Right Cheek	0.339	0.060	0.130	0.128	0.360	0.699	0.399	0.469	0.467	0.759	0.829	0.827
	Right Tilted	0.255	0.081	0.036	0.074	0.281	0.536	0.336	0.291	0.329	0.617	0.572	0.610
	Left Cheek	0.736	0.064	0.089	0.043	0.416	1.152	0.800	0.825	0.779	1.216	1.241	1.195
	Left Tilted	0.235	0.083	0.017	0.101	0.293	0.528	0.318	0.252	0.336	0.611	0.545	0.629
LTE Band 26_Ant 1	Right Cheek	0.918	0.060	0.130	0.128	0.360	1.278	0.978	1.048	1.046	1.338	1.408	1.406
	Right Tilted	0.983	0.081	0.036	0.074	0.281	1.264	1.064	1.019	1.057	1.345	1.300	1.338
	Left Cheek	0.549	0.064	0.089	0.043	0.416	0.965	0.613	0.638	0.592	1.029	1.054	1.008
	Left Tilted	0.510	0.083	0.017	0.101	0.293	0.803	0.593	0.527	0.611	0.886	0.820	0.904
LTE Band 30_Ant 0	Right Cheek	0.221	0.060	0.130	0.128	0.360	0.581	0.281	0.351	0.349	0.641	0.711	0.709
	Right Tilted	0.173	0.081	0.036	0.074	0.281	0.454	0.254	0.209	0.247	0.535	0.490	0.528
	Left Cheek	0.788	0.064	0.089	0.043	0.416	1.204	0.852	0.877	0.831	1.268	1.293	1.247
	Left Tilted	0.136	0.083	0.017	0.101	0.293	0.429	0.219	0.153	0.237	0.512	0.446	0.530
LTE Band 41_Ant 0	Right Cheek	0.199	0.060	0.130	0.128	0.360	0.559	0.259	0.329	0.327	0.619	0.689	0.687
	Right Tilted	0.196	0.081	0.036	0.074	0.281	0.477	0.277	0.232	0.270	0.558	0.513	0.551
	Left Cheek	0.528	0.064	0.089	0.043	0.416	0.944	0.592	0.617	0.571	1.008	1.033	0.987



FCC SAR TEST REPORT

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	Left Tilted	0.143	0.083	0.017	0.101	0.293	0.436	0.226	0.160	0.244	0.519	0.453	0.537
LTE Band 48_Ant 2	Right Cheek	0.165	0.060	0.130	0.128	0.360	0.525	0.225	0.295	0.293	0.585	0.655	0.653
	Right Tilted	0.100	0.081	0.036	0.074	0.281	0.381	0.181	0.136	0.174	0.462	0.417	0.455
	Left Cheek	0.109	0.064	0.089	0.043	0.416	0.525	0.173	0.198	0.152	0.589	0.614	0.568
	Left Tilted	0.105	0.083	0.017	0.101	0.293	0.398	0.188	0.122	0.206	0.481	0.415	0.499
LTE Band 66_Ant 0	Right Cheek	0.292	0.060	0.130	0.128	0.360	0.652	0.352	0.422	0.420	0.712	0.782	0.780
	Right Tilted	0.335	0.081	0.036	0.074	0.281	0.616	0.416	0.371	0.409	0.697	0.652	0.690
	Left Cheek	0.676	0.064	0.089	0.043	0.416	1.092	0.740	0.765	0.719	1.156	1.181	1.135
	Left Tilted	0.348	0.083	0.017	0.101	0.293	0.641	0.431	0.365	0.449	0.724	0.658	0.742
LTE Band 71_Ant 1	Right Cheek	0.843	0.060	0.130	0.128	0.360	1.203	0.903	0.973	0.971	1.263	1.333	1.331
	Right Tilted	0.835	0.081	0.036	0.074	0.281	1.116	0.916	0.871	0.909	1.197	1.152	1.190
	Left Cheek	0.371	0.064	0.089	0.043	0.416	0.787	0.435	0.460	0.414	0.851	0.876	0.830
	Left Tilted	0.348	0.083	0.017	0.101	0.293	0.641	0.431	0.365	0.449	0.724	0.658	0.742
FR1 n5_Ant 1	Right Cheek	0.963	0.060	0.130	0.128	0.360	1.323	1.023	1.093	1.091	1.383	1.453	1.451
	Right Tilted	0.694	0.081	0.036	0.074	0.281	0.975	0.775	0.730	0.768	1.056	1.011	1.049
	Left Cheek	0.488	0.064	0.089	0.043	0.416	0.904	0.552	0.577	0.531	0.968	0.993	0.947
	Left Tilted	0.399	0.083	0.017	0.101	0.293	0.692	0.482	0.416	0.500	0.775	0.709	0.793
FR1 n7_Ant 0	Right Cheek	0.314	0.060	0.130	0.128	0.360	0.674	0.374	0.444	0.442	0.734	0.804	0.802
	Right Tilted	0.228	0.081	0.036	0.074	0.281	0.509	0.309	0.264	0.302	0.590	0.545	0.583
	Left Cheek	0.754	0.064	0.089	0.043	0.416	1.170	0.818	0.843	0.797	1.234	1.259	1.213
	Left Tilted	0.157	0.083	0.017	0.101	0.293	0.450	0.240	0.174	0.258	0.533	0.467	0.551
FR1 n12_Ant 1	Right Cheek	0.981	0.060	0.130	0.128	0.360	1.341	1.041	1.111	1.109	1.401	1.471	1.469
	Right Tilted	0.693	0.081	0.036	0.074	0.281	0.974	0.774	0.729	0.767	1.055	1.010	1.048
	Left Cheek	0.353	0.064	0.089	0.043	0.416	0.769	0.417	0.442	0.396	0.833	0.858	0.812
	Left Tilted	0.285	0.083	0.017	0.101	0.293	0.578	0.368	0.302	0.386	0.661	0.595	0.679
FR1 n25_Ant 0	Right Cheek	0.349	0.060	0.130	0.128	0.360	0.709	0.409	0.479	0.477	0.769	0.839	0.837
	Right Tilted	0.283	0.081	0.036	0.074	0.281	0.564	0.364	0.319	0.357	0.645	0.600	0.638
	Left Cheek	0.829	0.064	0.089	0.043	0.416	1.245	0.893	0.918	0.872	1.309	1.334	1.288
	Left Tilted	0.251	0.083	0.017	0.101	0.293	0.544	0.334	0.268	0.352	0.627	0.561	0.645
FR1 n30_Ant 0	Right Cheek	0.296	0.060	0.130	0.128	0.360	0.656	0.356	0.426	0.424	0.716	0.786	0.784
	Right Tilted	0.228	0.081	0.036	0.074	0.281	0.509	0.309	0.264	0.302	0.590	0.545	0.583
	Left Cheek	0.681	0.064	0.089	0.043	0.416	1.097	0.745	0.770	0.724	1.161	1.186	1.140
	Left Tilted	0.209	0.083	0.017	0.101	0.293	0.502	0.292	0.226	0.310	0.585	0.519	0.603
FR1 n66_Ant 0	Right Cheek	0.260	0.060	0.130	0.128	0.360	0.620	0.320	0.390	0.388	0.680	0.750	0.748
	Right Tilted	0.292	0.081	0.036	0.074	0.281	0.573	0.373	0.328	0.366	0.654	0.609	0.647
	Left Cheek	0.615	0.064	0.089	0.043	0.416	1.031	0.679	0.704	0.658	1.095	1.120	1.074
	Left Tilted	0.305	0.083	0.017	0.101	0.293	0.598	0.388	0.322	0.406	0.681	0.615	0.699
FR1 n71_Ant 1	Right Cheek	0.703	0.060	0.130	0.128	0.360	1.063	0.763	0.833	0.831	1.123	1.193	1.191
	Right Tilted	0.652	0.081	0.036	0.074	0.281	0.933	0.733	0.688	0.726	1.014	0.969	1.007
	Left Cheek	0.343	0.064	0.089	0.043	0.416	0.759	0.407	0.432	0.386	0.823	0.848	0.802
	Left Tilted	0.308	0.083	0.017	0.101	0.293	0.601	0.391	0.325	0.409	0.684	0.618	0.702
FR1 n77_Ant 2	Right Cheek	0.616	0.060	0.130	0.128	0.360	0.976	0.676	0.746	0.744	1.036	1.106	1.104
	Right Tilted	0.196	0.081	0.036	0.074	0.281	0.477	0.277	0.232	0.270	0.558	0.513	0.551
	Left Cheek	0.325	0.064	0.089	0.043	0.416	0.741	0.389	0.414	0.368	0.805	0.830	0.784
	Left Tilted	0.279	0.083	0.017	0.101	0.293	0.572	0.362	0.296	0.380	0.655	0.589	0.673



6.3 Hotspot Exposure Conditions

<WWAN Index 4, WLAN Index 7>

WWAN Band	Exposure Position	1	2	3	4	5	1+5 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)				
GSM850_Ant 0	Front	0.476	0.236	0.303	0.212	0.488	0.964	0.712	0.779	0.688
	Back	0.560	0.330	0.396	0.334	0.382	0.942	0.890	0.956	0.894
	Left side	0.865	0.022	0.564	0.468	0.310	1.175	0.887	1.429	1.333
	Right side	0.464	0.083	0.003	0.066	0.270	0.734	0.547	0.467	0.530
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.260					0.260	0.260	0.260	0.260
GSM1900_Ant 2	Front	0.591	0.236	0.303	0.212	0.488	1.079	0.827	0.894	0.803
	Back	0.716	0.330	0.396	0.334	0.382	1.098	1.046	1.112	1.050
	Left side	0.052	0.022	0.564	0.468	0.310	0.362	0.074	0.616	0.520
	Right side	0.539	0.083	0.003	0.066	0.270	0.809	0.622	0.542	0.605
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.953					0.953	0.953	0.953	0.953
WCDMA II_Ant 2	Front	0.567	0.236	0.303	0.212	0.488	1.055	0.803	0.870	0.779
	Back	0.743	0.330	0.396	0.334	0.382	1.125	1.073	1.139	1.077
	Left side	0.059	0.022	0.564	0.468	0.310	0.369	0.081	0.623	0.527
	Right side	0.490	0.083	0.003	0.066	0.270	0.760	0.573	0.493	0.556
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.943					0.943	0.943	0.943	0.943
WCDMA IV_Ant 2	Front	0.595	0.236	0.303	0.212	0.488	1.083	0.831	0.898	0.807
	Back	0.867	0.330	0.396	0.334	0.382	1.249	1.197	1.263	1.201
	Left side	0.070	0.022	0.564	0.468	0.310	0.380	0.092	0.634	0.538
	Right side	0.693	0.083	0.003	0.066	0.270	0.963	0.776	0.696	0.759
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.952					0.952	0.952	0.952	0.952
WCDMA V_Ant 0	Front	0.391	0.236	0.303	0.212	0.488	0.879	0.627	0.694	0.603
	Back	0.426	0.330	0.396	0.334	0.382	0.808	0.756	0.822	0.760
	Left side	0.520	0.022	0.564	0.468	0.310	0.830	0.542	1.084	0.988
	Right side	0.311	0.083	0.003	0.066	0.270	0.581	0.394	0.314	0.377
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.224					0.224	0.224	0.224	0.224
LTE Band 7_Ant 2	Front	0.343	0.236	0.303	0.212	0.488	0.831	0.579	0.646	0.555
	Back	0.607	0.330	0.396	0.334	0.382	0.989	0.937	1.003	0.941
	Left side	0.010	0.022	0.564	0.468	0.310	0.320	0.032	0.574	0.478
	Right side	0.822	0.083	0.003	0.066	0.270	1.092	0.905	0.825	0.888
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.329					0.329	0.329	0.329	0.329
LTE Band 12_Ant 0	Front	0.307	0.236	0.303	0.212	0.488	0.795	0.543	0.610	0.519
	Back	0.425	0.330	0.396	0.334	0.382	0.807	0.755	0.821	0.759
	Left side	0.505	0.022	0.564	0.468	0.310	0.815	0.527	1.069	0.973
	Right side	0.331	0.083	0.003	0.066	0.270	0.601	0.414	0.334	0.397
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.073					0.073	0.073	0.073	0.073
LTE Band 13_Ant 0	Front	0.446	0.236	0.303	0.212	0.488	0.934	0.682	0.749	0.658
	Back	0.483	0.330	0.396	0.334	0.382	0.865	0.813	0.879	0.817
	Left side	0.668	0.022	0.564	0.468	0.310	0.978	0.690	1.232	1.136
	Right side	0.483	0.083	0.003	0.066	0.270	0.753	0.566	0.486	0.549
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.146					0.146	0.146	0.146	0.146
LTE Band 14_Ant 0	Front	0.412	0.236	0.303	0.212	0.488	0.900	0.648	0.715	0.624
	Back	0.508	0.330	0.396	0.334	0.382	0.890	0.838	0.904	0.842



	Left side	0.793	0.022	0.564	0.468	0.310	1.103	0.815	1.357	1.261
	Right side	0.499	0.083	0.003	0.066	0.270	0.769	0.582	0.502	0.565
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.175					0.175	0.175	0.175	0.175
LTE Band 25_Ant 2	Front	0.645	0.236	0.303	0.212	0.488	1.133	0.881	0.948	0.857
	Back	0.747	0.330	0.396	0.334	0.382	1.129	1.077	1.143	1.081
	Left side	0.045	0.022	0.564	0.468	0.310	0.355	0.067	0.609	0.513
	Right side	0.543	0.083	0.003	0.066	0.270	0.813	0.626	0.546	0.609
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.986					0.986	0.986	0.986	0.986
LTE Band 26_Ant 0	Front	0.408	0.236	0.303	0.212	0.488	0.896	0.644	0.711	0.620
	Back	0.438	0.330	0.396	0.334	0.382	0.820	0.768	0.834	0.772
	Left side	0.599	0.022	0.564	0.468	0.310	0.909	0.621	1.163	1.067
	Right side	0.353	0.083	0.003	0.066	0.270	0.623	0.436	0.356	0.419
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.252					0.252	0.252	0.252	0.252
LTE Band 30_Ant 2	Front	0.617	0.236	0.303	0.212	0.488	1.105	0.853	0.920	0.829
	Back	0.936	0.330	0.396	0.334	0.382	1.318	1.266	1.332	1.270
	Left side	0.013	0.022	0.564	0.468	0.310	0.323	0.035	0.577	0.481
	Right side	0.923	0.083	0.003	0.066	0.270	1.193	1.006	0.926	0.989
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.840					0.840	0.840	0.840	0.840
LTE Band 41_Ant 2	Front	0.426	0.236	0.303	0.212	0.488	0.914	0.662	0.729	0.638
	Back	0.546	0.330	0.396	0.334	0.382	0.928	0.876	0.942	0.880
	Left side	0.015	0.022	0.564	0.468	0.310	0.325	0.037	0.579	0.483
	Right side	0.991	0.083	0.003	0.066	0.270	1.261	1.074	0.994	1.057
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.363					0.363	0.363	0.363	0.363
LTE Band 48_Ant 6	Front	0.887	0.236	0.303	0.212	0.488	1.375	1.123	1.190	1.099
	Back	0.439	0.330	0.396	0.334	0.382	0.821	0.769	0.835	0.773
	Left side	0.616	0.022	0.564	0.468	0.310	0.926	0.638	1.180	1.084
	Right side	0.051	0.083	0.003	0.066	0.270	0.321	0.134	0.054	0.117
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.460					0.460	0.460	0.460	0.460
LTE Band 66_Ant 2	Front	0.737	0.236	0.303	0.212	0.488	1.225	0.973	1.040	0.949
	Back	0.831	0.330	0.396	0.334	0.382	1.213	1.161	1.227	1.165
	Left side	0.076	0.022	0.564	0.468	0.310	0.386	0.098	0.640	0.544
	Right side	0.711	0.083	0.003	0.066	0.270	0.981	0.794	0.714	0.777
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.944					0.944	0.944	0.944	0.944
LTE Band 71_Ant 0	Front	0.347	0.236	0.303	0.212	0.488	0.835	0.583	0.650	0.559
	Back	0.483	0.330	0.396	0.334	0.382	0.865	0.813	0.879	0.817
	Left side	0.462	0.022	0.564	0.468	0.310	0.772	0.484	1.026	0.930
	Right side	0.308	0.083	0.003	0.066	0.270	0.578	0.391	0.311	0.374
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.081					0.081	0.081	0.081	0.081
FR1 n5_Ant 0	Front	0.325	0.236	0.303	0.212	0.488	0.813	0.561	0.628	0.537
	Back	0.428	0.330	0.396	0.334	0.382	0.810	0.758	0.824	0.762
	Left side	0.529	0.022	0.564	0.468	0.310	0.839	0.551	1.093	0.997
	Right side	0.316	0.083	0.003	0.066	0.270	0.586	0.399	0.319	0.382
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.221					0.221	0.221	0.221	0.221
FR1 n7_Ant 2	Front	0.417	0.236	0.303	0.212	0.488	0.905	0.653	0.720	0.629
	Back	0.585	0.330	0.396	0.334	0.382	0.967	0.915	0.981	0.919
	Left side	0.010	0.022	0.564	0.468	0.310	0.320	0.032	0.574	0.478
	Right side	0.853	0.083	0.003	0.066	0.270	1.123	0.936	0.856	0.919



	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.374					0.374	0.374	0.374	0.374
FR1 n12_Ant 0	Front	0.401	0.236	0.303	0.212	0.488	0.889	0.637	0.704	0.613
	Back	0.462	0.330	0.396	0.334	0.382	0.844	0.792	0.858	0.796
	Left side	0.473	0.022	0.564	0.468	0.310	0.783	0.495	1.037	0.941
	Right side	0.326	0.083	0.003	0.066	0.270	0.596	0.409	0.329	0.392
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.078					0.078	0.078	0.078	0.078
FR1 n25_Ant 2	Front	0.670	0.236	0.303	0.212	0.488	1.158	0.906	0.973	0.882
	Back	0.842	0.330	0.396	0.334	0.382	1.224	1.172	1.238	1.176
	Left side	0.055	0.022	0.564	0.468	0.310	0.365	0.077	0.619	0.523
	Right side	0.648	0.083	0.003	0.066	0.270	0.918	0.731	0.651	0.714
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.982					0.982	0.982	0.982	0.982
FR1 n30_Ant 2	Front	0.727	0.236	0.303	0.212	0.488	1.215	0.963	1.030	0.939
	Back	0.991	0.330	0.396	0.334	0.382	1.373	1.321	1.387	1.325
	Left side	0.015	0.022	0.564	0.468	0.310	0.325	0.037	0.579	0.483
	Right side	0.988	0.083	0.003	0.066	0.270	1.258	1.071	0.991	1.054
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.934					0.934	0.934	0.934	0.934
FR1 n66_Ant 2	Front	0.713	0.236	0.303	0.212	0.488	1.201	0.949	1.016	0.925
	Back	0.901	0.330	0.396	0.334	0.382	1.283	1.231	1.297	1.235
	Left side	0.043	0.022	0.564	0.468	0.310	0.353	0.065	0.607	0.511
	Right side	0.704	0.083	0.003	0.066	0.270	0.974	0.787	0.707	0.770
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.997					0.997	0.997	0.997	0.997
FR1 n71_Ant 0	Front	0.363	0.236	0.303	0.212	0.488	0.851	0.599	0.666	0.575
	Back	0.447	0.330	0.396	0.334	0.382	0.829	0.777	0.843	0.781
	Left side	0.498	0.022	0.564	0.468	0.310	0.808	0.520	1.062	0.966
	Right side	0.353	0.083	0.003	0.066	0.270	0.623	0.436	0.356	0.419
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.093					0.093	0.093	0.093	0.093
FR1 n77_Ant 6	Front	0.993	0.236	0.303	0.212	0.488	1.481	1.229	1.296	1.205
	Back	0.577	0.330	0.396	0.334	0.382	0.959	0.907	0.973	0.911
	Left side	0.826	0.022	0.564	0.468	0.310	1.136	0.848	1.390	1.294
	Right side	0.092	0.083	0.003	0.066	0.270	0.362	0.175	0.095	0.158
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.433					0.433	0.433	0.433	0.433



<WWAN Index 4, WLAN Index 7>

WWAN Band	Exposure Position	1	2	3	4	5	1+5 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3				
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)				
GSM850_Ant 1	Front	0.392	0.236	0.303	0.212	0.488	0.880	0.628	0.695	0.604
	Back	0.542	0.330	0.396	0.334	0.382	0.924	0.872	0.938	0.876
	Left side	0.335	0.022	0.564	0.468	0.310	0.645	0.357	0.899	0.803
	Right side	0.259	0.083	0.003	0.066	0.270	0.529	0.342	0.262	0.325
	Top side	0.375	0.498	0.046	0.542	0.212	0.587	0.873	0.421	0.917
	Bottom side						0.000	0.000	0.000	0.000
GSM1900_Ant 0	Front	0.506	0.236	0.303	0.212	0.488	0.994	0.742	0.809	0.718
	Back	0.994	0.330	0.396	0.334	0.382	1.376	1.324	1.390	1.328
	Left side	0.993	0.022	0.564	0.468	0.310	1.303	1.015	1.557	1.461
	Right side	0.038	0.083	0.003	0.066	0.270	0.308	0.121	0.041	0.104
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.837					0.837	0.837	0.837	0.837
WCDMA II_Ant 0	Front	0.445	0.236	0.303	0.212	0.488	0.933	0.681	0.748	0.657
	Back	0.692	0.330	0.396	0.334	0.382	1.074	1.022	1.088	1.026
	Left side	0.947	0.022	0.564	0.468	0.310	1.257	0.969	1.511	1.415
	Right side	0.034	0.083	0.003	0.066	0.270	0.304	0.117	0.037	0.100
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.635					0.635	0.635	0.635	0.635
WCDMA IV_Ant 0	Front	0.448	0.236	0.303	0.212	0.488	0.936	0.684	0.751	0.660
	Back	0.764	0.330	0.396	0.334	0.382	1.146	1.094	1.160	1.098
	Left side	0.692	0.022	0.564	0.468	0.310	1.002	0.714	1.256	1.160
	Right side	0.065	0.083	0.003	0.066	0.270	0.335	0.148	0.068	0.131
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.992					0.992	0.992	0.992	0.992
WCDMA V_Ant 1	Front	0.246	0.236	0.303	0.212	0.488	0.734	0.482	0.549	0.458
	Back	0.395	0.330	0.396	0.334	0.382	0.777	0.725	0.791	0.729
	Left side	0.242	0.022	0.564	0.468	0.310	0.552	0.264	0.806	0.710
	Right side	0.235	0.083	0.003	0.066	0.270	0.505	0.318	0.238	0.301
	Top side	0.233	0.498	0.046	0.542	0.212	0.445	0.731	0.279	0.775
	Bottom side						0.000	0.000	0.000	0.000
LTE Band 7_Ant 0	Front	0.364	0.236	0.303	0.212	0.488	0.852	0.600	0.667	0.576
	Back	0.560	0.330	0.396	0.334	0.382	0.942	0.890	0.956	0.894
	Left side	0.901	0.022	0.564	0.468	0.310	1.211	0.923	1.465	1.369
	Right side	0.020	0.083	0.003	0.066	0.270	0.290	0.103	0.023	0.086
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.193					0.193	0.193	0.193	0.193
LTE Band 12_Ant 1	Front	0.190	0.236	0.303	0.212	0.488	0.678	0.426	0.493	0.402
	Back	0.277	0.330	0.396	0.334	0.382	0.659	0.607	0.673	0.611
	Left side	0.263	0.022	0.564	0.468	0.310	0.573	0.285	0.827	0.731
	Right side	0.127	0.083	0.003	0.066	0.270	0.397	0.210	0.130	0.193
	Top side	0.257	0.498	0.046	0.542	0.212	0.469	0.755	0.303	0.799
	Bottom side						0.000	0.000	0.000	0.000
LTE Band 13_Ant 1	Front	0.217	0.236	0.303	0.212	0.488	0.705	0.453	0.520	0.429
	Back	0.289	0.330	0.396	0.334	0.382	0.671	0.619	0.685	0.623
	Left side	0.184	0.022	0.564	0.468	0.310	0.494	0.206	0.748	0.652
	Right side	0.123	0.083	0.003	0.066	0.270	0.393	0.206	0.126	0.189
	Top side	0.192	0.498	0.046	0.542	0.212	0.404	0.690	0.238	0.734
	Bottom side						0.000	0.000	0.000	0.000
LTE Band 14_Ant 1	Front	0.233	0.236	0.303	0.212	0.488	0.721	0.469	0.536	0.445
	Back	0.349	0.330	0.396	0.334	0.382	0.731	0.679	0.745	0.683
	Left side	0.210	0.022	0.564	0.468	0.310	0.520	0.232	0.774	0.678



	Right side	0.120	0.083	0.003	0.066	0.270	0.390	0.203	0.123	0.186
	Top side	0.217	0.498	0.046	0.542	0.212	0.429	0.715	0.263	0.759
	Bottom side						0.000	0.000	0.000	0.000
LTE Band 25_Ant 0	Front	0.424	0.236	0.303	0.212	0.488	0.912	0.660	0.727	0.636
	Back	0.696	0.330	0.396	0.334	0.382	1.078	1.026	1.092	1.030
	Left side	0.935	0.022	0.564	0.468	0.310	1.245	0.957	1.499	1.403
	Right side	0.034	0.083	0.003	0.066	0.270	0.304	0.117	0.037	0.100
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.641					0.641	0.641	0.641	0.641
LTE Band 26_Ant 1	Front	0.210	0.236	0.303	0.212	0.488	0.698	0.446	0.513	0.422
	Back	0.301	0.330	0.396	0.334	0.382	0.683	0.631	0.697	0.635
	Left side	0.179	0.022	0.564	0.468	0.310	0.489	0.201	0.743	0.647
	Right side	0.123	0.083	0.003	0.066	0.270	0.393	0.206	0.126	0.189
	Top side	0.230	0.498	0.046	0.542	0.212	0.442	0.728	0.276	0.772
	Bottom side						0.000	0.000	0.000	0.000
LTE Band 30_Ant 0	Front	0.435	0.236	0.303	0.212	0.488	0.923	0.671	0.738	0.647
	Back	0.588	0.330	0.396	0.334	0.382	0.970	0.918	0.984	0.922
	Left side	0.872	0.022	0.564	0.468	0.310	1.182	0.894	1.436	1.340
	Right side	0.029	0.083	0.003	0.066	0.270	0.299	0.112	0.032	0.095
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.133					0.133	0.133	0.133	0.133
LTE Band 41_Ant 0	Front	0.414	0.236	0.303	0.212	0.488	0.902	0.650	0.717	0.626
	Back	0.682	0.330	0.396	0.334	0.382	1.064	1.012	1.078	1.016
	Left side	0.523	0.022	0.564	0.468	0.310	0.833	0.545	1.087	0.991
	Right side	0.087	0.083	0.003	0.066	0.270	0.357	0.170	0.090	0.153
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.254					0.254	0.254	0.254	0.254
LTE Band 48_Ant 2	Front	0.336	0.236	0.303	0.212	0.488	0.824	0.572	0.639	0.548
	Back	0.410	0.330	0.396	0.334	0.382	0.792	0.740	0.806	0.744
	Left side	0.133	0.022	0.564	0.468	0.310	0.443	0.155	0.697	0.601
	Right side	0.256	0.083	0.003	0.066	0.270	0.526	0.339	0.259	0.322
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.467					0.467	0.467	0.467	0.467
LTE Band 66_Ant 0	Front	0.460	0.236	0.303	0.212	0.488	0.948	0.696	0.763	0.672
	Back	0.740	0.330	0.396	0.334	0.382	1.122	1.070	1.136	1.074
	Left side	0.643	0.022	0.564	0.468	0.310	0.953	0.665	1.207	1.111
	Right side	0.066	0.083	0.003	0.066	0.270	0.336	0.149	0.069	0.132
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.908					0.908	0.908	0.908	0.908
LTE Band 71_Ant 1	Front	0.180	0.236	0.303	0.212	0.488	0.668	0.416	0.483	0.392
	Back	0.243	0.330	0.396	0.334	0.382	0.625	0.573	0.639	0.577
	Left side	0.287	0.022	0.564	0.468	0.310	0.597	0.309	0.851	0.755
	Right side	0.104	0.083	0.003	0.066	0.270	0.374	0.187	0.107	0.170
	Top side	0.176	0.498	0.046	0.542	0.212	0.388	0.674	0.222	0.718
	Bottom side						0.000	0.000	0.000	0.000
FR1 n5_Ant 1	Front	0.193	0.236	0.303	0.212	0.488	0.681	0.429	0.496	0.405
	Back	0.322	0.330	0.396	0.334	0.382	0.704	0.652	0.718	0.656
	Left side	0.110	0.022	0.564	0.468	0.310	0.420	0.132	0.674	0.578
	Right side	0.094	0.083	0.003	0.066	0.270	0.364	0.177	0.097	0.160
	Top side	0.142	0.498	0.046	0.542	0.212	0.354	0.640	0.188	0.684
	Bottom side						0.000	0.000	0.000	0.000
FR1 n7_Ant 0	Front	0.439	0.236	0.303	0.212	0.488	0.927	0.675	0.742	0.651
	Back	0.611	0.330	0.396	0.334	0.382	0.993	0.941	1.007	0.945
	Left side	0.932	0.022	0.564	0.468	0.310	1.242	0.954	1.496	1.400
	Right side	0.017	0.083	0.003	0.066	0.270	0.287	0.100	0.020	0.083
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542



	Bottom side	0.203					0.203	0.203	0.203	0.203
FR1 n12_Ant 1	Front	0.153	0.236	0.303	0.212	0.488	0.641	0.389	0.456	0.365
	Back	0.249	0.330	0.396	0.334	0.382	0.631	0.579	0.645	0.583
	Left side	0.238	0.022	0.564	0.468	0.310	0.548	0.260	0.802	0.706
	Right side	0.127	0.083	0.003	0.066	0.270	0.397	0.210	0.130	0.193
	Top side	0.166	0.498	0.046	0.542	0.212	0.378	0.664	0.212	0.708
	Bottom side						0.000	0.000	0.000	0.000
FR1 n25_Ant 0	Front	0.457	0.236	0.303	0.212	0.488	0.945	0.693	0.760	0.669
	Back	0.808	0.330	0.396	0.334	0.382	1.190	1.138	1.204	1.142
	Left side	0.976	0.022	0.564	0.468	0.310	1.286	0.998	1.540	1.444
	Right side	0.025	0.083	0.003	0.066	0.270	0.295	0.108	0.028	0.091
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.619					0.619	0.619	0.619	0.619
FR1 n30_Ant 0	Front	0.417	0.236	0.303	0.212	0.488	0.905	0.653	0.720	0.629
	Back	0.637	0.330	0.396	0.334	0.382	1.019	0.967	1.033	0.971
	Left side	0.891	0.022	0.564	0.468	0.310	1.201	0.913	1.455	1.359
	Right side	0.034	0.083	0.003	0.066	0.270	0.304	0.117	0.037	0.100
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.147					0.147	0.147	0.147	0.147
FR1 n66_Ant 0	Front	0.473	0.236	0.303	0.212	0.488	0.961	0.709	0.776	0.685
	Back	0.827	0.330	0.396	0.334	0.382	1.209	1.157	1.223	1.161
	Left side	0.709	0.022	0.564	0.468	0.310	1.019	0.731	1.273	1.177
	Right side	0.074	0.083	0.003	0.066	0.270	0.344	0.157	0.077	0.140
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.990					0.990	0.990	0.990	0.990
FR1 n71_Ant 1	Front	0.147	0.236	0.303	0.212	0.488	0.635	0.383	0.450	0.359
	Back	0.193	0.330	0.396	0.334	0.382	0.575	0.523	0.589	0.527
	Left side	0.233	0.022	0.564	0.468	0.310	0.543	0.255	0.797	0.701
	Right side	0.094	0.083	0.003	0.066	0.270	0.364	0.177	0.097	0.160
	Top side	0.114	0.498	0.046	0.542	0.212	0.326	0.612	0.160	0.656
	Bottom side						0.000	0.000	0.000	0.000
FR1 n77_Ant 2	Front	0.754	0.236	0.303	0.212	0.488	1.242	0.990	1.057	0.966
	Back	0.980	0.330	0.396	0.334	0.382	1.362	1.310	1.376	1.314
	Left side	0.209	0.022	0.564	0.468	0.310	0.519	0.231	0.773	0.677
	Right side	0.786	0.083	0.003	0.066	0.270	1.056	0.869	0.789	0.852
	Top side		0.498	0.046	0.542	0.212	0.212	0.498	0.046	0.542
	Bottom side	0.940					0.940	0.940	0.940	0.940



<WWAN Index 4, WLAN Index 8>

WWAN Band	Exposure Position	1	2	3	4	5	1+5 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+3+5 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		WWAN	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3							
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
GSM850_Ant 0	Front	0.476	0.088	0.122	0.196	0.291	0.767	0.564	0.598	0.672	0.855	0.889	0.963
	Back	0.560	0.136	0.170	0.251	0.199	0.759	0.696	0.730	0.811	0.895	0.929	1.010
	Left side	0.865	0.008	0.275	0.369	0.146	1.011	0.873	1.140	1.234	1.019	1.286	1.380
	Right side	0.464	0.038	0.001	0.054	0.131	0.595	0.502	0.465	0.518	0.633	0.596	0.649
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.260					0.260	0.260	0.260	0.260	0.260	0.260	0.260
GSM1900_Ant 2	Front	0.591	0.088	0.122	0.196	0.291	0.882	0.679	0.713	0.787	0.970	1.004	1.078
	Back	0.716	0.136	0.170	0.251	0.199	0.915	0.852	0.886	0.967	1.051	1.085	1.166
	Left side	0.052	0.008	0.275	0.369	0.146	0.198	0.060	0.327	0.421	0.206	0.473	0.567
	Right side	0.539	0.038	0.001	0.054	0.131	0.670	0.577	0.540	0.593	0.708	0.671	0.724
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.953					0.953	0.953	0.953	0.953	0.953	0.953	0.953
WCDMA II_Ant 2	Front	0.567	0.088	0.122	0.196	0.291	0.858	0.655	0.689	0.763	0.946	0.980	1.054
	Back	0.743	0.136	0.170	0.251	0.199	0.942	0.879	0.913	0.994	1.078	1.112	1.193
	Left side	0.059	0.008	0.275	0.369	0.146	0.205	0.067	0.334	0.428	0.213	0.480	0.574
	Right side	0.490	0.038	0.001	0.054	0.131	0.621	0.528	0.491	0.544	0.659	0.622	0.675
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.943					0.943	0.943	0.943	0.943	0.943	0.943	0.943
WCDMA IV_Ant 2	Front	0.595	0.088	0.122	0.196	0.291	0.886	0.683	0.717	0.791	0.974	1.008	1.082
	Back	0.867	0.136	0.170	0.251	0.199	1.066	1.003	1.037	1.118	1.202	1.236	1.317
	Left side	0.070	0.008	0.275	0.369	0.146	0.216	0.078	0.345	0.439	0.224	0.491	0.585
	Right side	0.693	0.038	0.001	0.054	0.131	0.824	0.731	0.694	0.747	0.862	0.825	0.878
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.952					0.952	0.952	0.952	0.952	0.952	0.952	0.952
WCDMA V_Ant 0	Front	0.391	0.088	0.122	0.196	0.291	0.682	0.479	0.513	0.587	0.770	0.804	0.878
	Back	0.426	0.136	0.170	0.251	0.199	0.625	0.562	0.596	0.677	0.761	0.795	0.876
	Left side	0.520	0.008	0.275	0.369	0.146	0.666	0.528	0.795	0.889	0.674	0.941	1.035
	Right side	0.311	0.038	0.001	0.054	0.131	0.442	0.349	0.312	0.365	0.480	0.443	0.496
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.224					0.224	0.224	0.224	0.224	0.224	0.224	0.224
LTE Band 7_Ant 2	Front	0.343	0.088	0.122	0.196	0.291	0.634	0.431	0.465	0.539	0.722	0.756	0.830
	Back	0.607	0.136	0.170	0.251	0.199	0.806	0.743	0.777	0.858	0.942	0.976	1.057
	Left side	0.010	0.008	0.275	0.369	0.146	0.156	0.018	0.285	0.379	0.164	0.431	0.525
	Right side	0.822	0.038	0.001	0.054	0.131	0.953	0.860	0.823	0.876	0.991	0.954	1.007
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.329					0.329	0.329	0.329	0.329	0.329	0.329	0.329
LTE Band 12_Ant 0	Front	0.307	0.088	0.122	0.196	0.291	0.598	0.395	0.429	0.503	0.686	0.720	0.794
	Back	0.425	0.136	0.170	0.251	0.199	0.624	0.561	0.595	0.676	0.760	0.794	0.875
	Left side	0.505	0.008	0.275	0.369	0.146	0.651	0.513	0.780	0.874	0.659	0.926	1.020
	Right side	0.331	0.038	0.001	0.054	0.131	0.462	0.369	0.332	0.385	0.500	0.463	0.516
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.073					0.073	0.073	0.073	0.073	0.073	0.073	0.073
LTE Band 13_Ant 0	Front	0.446	0.088	0.122	0.196	0.291	0.737	0.534	0.568	0.642	0.825	0.859	0.933
	Back	0.483	0.136	0.170	0.251	0.199	0.682	0.619	0.653	0.734	0.818	0.852	0.933
	Left side	0.668	0.008	0.275	0.369	0.146	0.814	0.676	0.943	1.037	0.822	1.089	1.183
	Right side	0.483	0.038	0.001	0.054	0.131	0.614	0.521	0.484	0.537	0.652	0.615	0.668
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.146					0.146	0.146	0.146	0.146	0.146	0.146	0.146
LTE Band 14_Ant 0	Front	0.412	0.088	0.122	0.196	0.291	0.703	0.500	0.534	0.608	0.791	0.825	0.899
	Back	0.508	0.136	0.170	0.251	0.199	0.707	0.644	0.678	0.759	0.843	0.877	0.958
	Left side	0.793	0.008	0.275	0.369	0.146	0.939	0.801	1.068	1.162	0.947	1.214	1.308



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	Right side	0.499	0.038	0.001	0.054	0.131	0.630	0.537	0.500	0.553	0.668	0.631	0.684
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.175					0.175	0.175	0.175	0.175	0.175	0.175	0.175
LTE Band 25_Ant 2	Front	0.645	0.088	0.122	0.196	0.291	0.936	0.733	0.767	0.841	1.024	1.058	1.132
	Back	0.747	0.136	0.170	0.251	0.199	0.946	0.883	0.917	0.998	1.082	1.116	1.197
	Left side	0.045	0.008	0.275	0.369	0.146	0.191	0.053	0.320	0.414	0.199	0.466	0.560
	Right side	0.543	0.038	0.001	0.054	0.131	0.674	0.581	0.544	0.597	0.712	0.675	0.728
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.986					0.986	0.986	0.986	0.986	0.986	0.986	0.986
LTE Band 26_Ant 0	Front	0.408	0.088	0.122	0.196	0.291	0.699	0.496	0.530	0.604	0.787	0.821	0.895
	Back	0.438	0.136	0.170	0.251	0.199	0.637	0.574	0.608	0.689	0.773	0.807	0.888
	Left side	0.599	0.008	0.275	0.369	0.146	0.745	0.607	0.874	0.968	0.753	1.020	1.114
	Right side	0.353	0.038	0.001	0.054	0.131	0.484	0.391	0.354	0.407	0.522	0.485	0.538
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.252					0.252	0.252	0.252	0.252	0.252	0.252	0.252
LTE Band 30_Ant 2	Front	0.617	0.088	0.122	0.196	0.291	0.908	0.705	0.739	0.813	0.996	1.030	1.104
	Back	0.936	0.136	0.170	0.251	0.199	1.135	1.072	1.106	1.187	1.271	1.305	1.386
	Left side	0.013	0.008	0.275	0.369	0.146	0.159	0.021	0.288	0.382	0.167	0.434	0.528
	Right side	0.923	0.038	0.001	0.054	0.131	1.054	0.961	0.924	0.977	1.092	1.055	1.108
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.840					0.840	0.840	0.840	0.840	0.840	0.840	0.840
LTE Band 41_Ant 2	Front	0.426	0.088	0.122	0.196	0.291	0.717	0.514	0.548	0.622	0.805	0.839	0.913
	Back	0.546	0.136	0.170	0.251	0.199	0.745	0.682	0.716	0.797	0.881	0.915	0.996
	Left side	0.015	0.008	0.275	0.369	0.146	0.161	0.023	0.290	0.384	0.169	0.436	0.530
	Right side	0.991	0.038	0.001	0.054	0.131	1.122	1.029	0.992	1.045	1.160	1.123	1.176
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.363					0.363	0.363	0.363	0.363	0.363	0.363	0.363
LTE Band 48_Ant 6	Front	0.887	0.088	0.122	0.196	0.291	1.178	0.975	1.009	1.083	1.266	1.300	1.374
	Back	0.439	0.136	0.170	0.251	0.199	0.638	0.575	0.609	0.690	0.774	0.808	0.889
	Left side	0.616	0.008	0.275	0.369	0.146	0.762	0.624	0.891	0.985	0.770	1.037	1.131
	Right side	0.051	0.038	0.001	0.054	0.131	0.182	0.089	0.052	0.105	0.220	0.183	0.236
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.460					0.460	0.460	0.460	0.460	0.460	0.460	0.460
LTE Band 66_Ant 2	Front	0.737	0.088	0.122	0.196	0.291	1.028	0.825	0.859	0.933	1.116	1.150	1.224
	Back	0.831	0.136	0.170	0.251	0.199	1.030	0.967	1.001	1.082	1.166	1.200	1.281
	Left side	0.076	0.008	0.275	0.369	0.146	0.222	0.084	0.351	0.445	0.230	0.497	0.591
	Right side	0.711	0.038	0.001	0.054	0.131	0.842	0.749	0.712	0.765	0.880	0.843	0.896
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.944					0.944	0.944	0.944	0.944	0.944	0.944	0.944
LTE Band 71_Ant 0	Front	0.347	0.088	0.122	0.196	0.291	0.638	0.435	0.469	0.543	0.726	0.760	0.834
	Back	0.483	0.136	0.170	0.251	0.199	0.682	0.619	0.653	0.734	0.818	0.852	0.933
	Left side	0.462	0.008	0.275	0.369	0.146	0.608	0.470	0.737	0.831	0.616	0.883	0.977
	Right side	0.308	0.038	0.001	0.054	0.131	0.439	0.346	0.309	0.362	0.477	0.440	0.493
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.081					0.081	0.081	0.081	0.081	0.081	0.081	0.081
FR1 n5_Ant 0	Front	0.325	0.088	0.122	0.196	0.291	0.616	0.413	0.447	0.521	0.704	0.738	0.812
	Back	0.428	0.136	0.170	0.251	0.199	0.627	0.564	0.598	0.679	0.763	0.797	0.878
	Left side	0.529	0.008	0.275	0.369	0.146	0.675	0.537	0.804	0.898	0.683	0.950	1.044
	Right side	0.316	0.038	0.001	0.054	0.131	0.447	0.354	0.317	0.370	0.485	0.448	0.501
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.221					0.221	0.221	0.221	0.221	0.221	0.221	0.221
FR1 n7_Ant 2	Front	0.417	0.088	0.122	0.196	0.291	0.708	0.505	0.539	0.613	0.796	0.830	0.904
	Back	0.585	0.136	0.170	0.251	0.199	0.784	0.721	0.755	0.836	0.920	0.954	1.035
	Left side	0.010	0.008	0.275	0.369	0.146	0.156	0.018	0.285	0.379	0.164	0.431	0.525
	Right side	0.853	0.038	0.001	0.054	0.131	0.984	0.891	0.854	0.907	1.022	0.985	1.038
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342



	Bottom side	0.374					0.374	0.374	0.374	0.374	0.374	0.374	0.374
FR1 n12_Ant 0	Front	0.401	0.088	0.122	0.196	0.291	0.692	0.489	0.523	0.597	0.780	0.814	0.888
	Back	0.462	0.136	0.170	0.251	0.199	0.661	0.598	0.632	0.713	0.797	0.831	0.912
	Left side	0.473	0.008	0.275	0.369	0.146	0.619	0.481	0.748	0.842	0.627	0.894	0.988
	Right side	0.326	0.038	0.001	0.054	0.131	0.457	0.364	0.327	0.380	0.495	0.458	0.511
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.078					0.078	0.078	0.078	0.078	0.078	0.078	0.078
FR1 n25_Ant 2	Front	0.670	0.088	0.122	0.196	0.291	0.961	0.758	0.792	0.866	1.049	1.083	1.157
	Back	0.842	0.136	0.170	0.251	0.199	1.041	0.978	1.012	1.093	1.177	1.211	1.292
	Left side	0.055	0.008	0.275	0.369	0.146	0.201	0.063	0.330	0.424	0.209	0.476	0.570
	Right side	0.648	0.038	0.001	0.054	0.131	0.779	0.686	0.649	0.702	0.817	0.780	0.833
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.982					0.982	0.982	0.982	0.982	0.982	0.982	0.982
FR1 n30_Ant 2	Front	0.727	0.088	0.122	0.196	0.291	1.018	0.815	0.849	0.923	1.106	1.140	1.214
	Back	0.991	0.136	0.170	0.251	0.199	1.190	1.127	1.161	1.242	1.326	1.360	1.441
	Left side	0.015	0.008	0.275	0.369	0.146	0.161	0.023	0.290	0.384	0.169	0.436	0.530
	Right side	0.988	0.038	0.001	0.054	0.131	1.119	1.026	0.989	1.042	1.157	1.120	1.173
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.934					0.934	0.934	0.934	0.934	0.934	0.934	0.934
FR1 n66_Ant 2	Front	0.713	0.088	0.122	0.196	0.291	1.004	0.801	0.835	0.909	1.092	1.126	1.200
	Back	0.901	0.136	0.170	0.251	0.199	1.100	1.037	1.071	1.152	1.236	1.270	1.351
	Left side	0.043	0.008	0.275	0.369	0.146	0.189	0.051	0.318	0.412	0.197	0.464	0.558
	Right side	0.704	0.038	0.001	0.054	0.131	0.835	0.742	0.705	0.758	0.873	0.836	0.889
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.997					0.997	0.997	0.997	0.997	0.997	0.997	0.997
FR1 n71_Ant 0	Front	0.363	0.088	0.122	0.196	0.291	0.654	0.451	0.485	0.559	0.742	0.776	0.850
	Back	0.447	0.136	0.170	0.251	0.199	0.646	0.583	0.617	0.698	0.782	0.816	0.897
	Left side	0.498	0.008	0.275	0.369	0.146	0.644	0.506	0.773	0.867	0.652	0.919	1.013
	Right side	0.353	0.038	0.001	0.054	0.131	0.484	0.391	0.354	0.407	0.522	0.485	0.538
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.093					0.093	0.093	0.093	0.093	0.093	0.093	0.093
FR1 n77_Ant 6	Front	0.993	0.088	0.122	0.196	0.291	1.284	1.081	1.115	1.189	1.372	1.406	1.480
	Back	0.577	0.136	0.170	0.251	0.199	0.776	0.713	0.747	0.828	0.912	0.946	1.027
	Left side	0.826	0.008	0.275	0.369	0.146	0.972	0.834	1.101	1.195	0.980	1.247	1.341
	Right side	0.092	0.038	0.001	0.054	0.131	0.223	0.130	0.093	0.146	0.261	0.224	0.277
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.433					0.433	0.433	0.433	0.433	0.433	0.433	0.433



<WWAN Index 4, WLAN Index 8>

WWAN Band	Exposure Position	1	2	3	4	5	1+5 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+3+5 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		WWAN	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4+3	WLAN5/6GHz Ant 4+3							
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
GSM850_Ant 1	Front	0.392	0.088	0.122	0.196	0.291	0.683	0.480	0.514	0.588	0.771	0.805	0.879
	Back	0.542	0.136	0.170	0.251	0.199	0.741	0.678	0.712	0.793	0.877	0.911	0.992
	Left side	0.335	0.008	0.275	0.369	0.146	0.481	0.343	0.610	0.704	0.489	0.756	0.850
	Right side	0.259	0.038	0.001	0.054	0.131	0.390	0.297	0.260	0.313	0.428	0.391	0.444
	Top side	0.375	0.267	0.011	0.239	0.103	0.478	0.642	0.386	0.614	0.745	0.489	0.717
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
GSM1900_Ant 0	Front	0.506	0.088	0.122	0.196	0.291	0.797	0.594	0.628	0.702	0.885	0.919	0.993
	Back	0.994	0.136	0.170	0.251	0.199	1.193	1.130	1.164	1.245	1.329	1.363	1.444
	Left side	0.993	0.008	0.275	0.369	0.146	1.139	1.001	1.268	1.362	1.147	1.414	1.508
	Right side	0.038	0.038	0.001	0.054	0.131	0.169	0.076	0.039	0.092	0.207	0.170	0.223
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.837					0.837	0.837	0.837	0.837	0.837	0.837	0.837
WCDMA II_Ant 0	Front	0.445	0.088	0.122	0.196	0.291	0.736	0.533	0.567	0.641	0.824	0.858	0.932
	Back	0.692	0.136	0.170	0.251	0.199	0.891	0.828	0.862	0.943	1.027	1.061	1.142
	Left side	0.947	0.008	0.275	0.369	0.146	1.093	0.955	1.222	1.316	1.101	1.368	1.462
	Right side	0.034	0.038	0.001	0.054	0.131	0.165	0.072	0.035	0.088	0.203	0.166	0.219
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.635					0.635	0.635	0.635	0.635	0.635	0.635	0.635
WCDMA IV_Ant 0	Front	0.448	0.088	0.122	0.196	0.291	0.739	0.536	0.570	0.644	0.827	0.861	0.935
	Back	0.764	0.136	0.170	0.251	0.199	0.963	0.900	0.934	1.015	1.099	1.133	1.214
	Left side	0.692	0.008	0.275	0.369	0.146	0.838	0.700	0.967	1.061	0.846	1.113	1.207
	Right side	0.065	0.038	0.001	0.054	0.131	0.196	0.103	0.066	0.119	0.234	0.197	0.250
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.992					0.992	0.992	0.992	0.992	0.992	0.992	0.992
WCDMA V_Ant 1	Front	0.246	0.088	0.122	0.196	0.291	0.537	0.334	0.368	0.442	0.625	0.659	0.733
	Back	0.395	0.136	0.170	0.251	0.199	0.594	0.531	0.565	0.646	0.730	0.764	0.845
	Left side	0.242	0.008	0.275	0.369	0.146	0.388	0.250	0.517	0.611	0.396	0.663	0.757
	Right side	0.235	0.038	0.001	0.054	0.131	0.366	0.273	0.236	0.289	0.404	0.367	0.420
	Top side	0.233	0.267	0.011	0.239	0.103	0.336	0.500	0.244	0.472	0.603	0.347	0.575
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 7_Ant 0	Front	0.364	0.088	0.122	0.196	0.291	0.655	0.452	0.486	0.560	0.743	0.777	0.851
	Back	0.560	0.136	0.170	0.251	0.199	0.759	0.696	0.730	0.811	0.895	0.929	1.010
	Left side	0.901	0.008	0.275	0.369	0.146	1.047	0.909	1.176	1.270	1.055	1.322	1.416
	Right side	0.020	0.038	0.001	0.054	0.131	0.151	0.058	0.021	0.074	0.189	0.152	0.205
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.193					0.193	0.193	0.193	0.193	0.193	0.193	0.193
LTE Band 12_Ant 1	Front	0.190	0.088	0.122	0.196	0.291	0.481	0.278	0.312	0.386	0.569	0.603	0.677
	Back	0.277	0.136	0.170	0.251	0.199	0.476	0.413	0.447	0.528	0.612	0.646	0.727
	Left side	0.263	0.008	0.275	0.369	0.146	0.409	0.271	0.538	0.632	0.417	0.684	0.778
	Right side	0.127	0.038	0.001	0.054	0.131	0.258	0.165	0.128	0.181	0.296	0.259	0.312
	Top side	0.257	0.267	0.011	0.239	0.103	0.360	0.524	0.268	0.496	0.627	0.371	0.599
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 13_Ant 1	Front	0.217	0.088	0.122	0.196	0.291	0.508	0.305	0.339	0.413	0.596	0.630	0.704
	Back	0.289	0.136	0.170	0.251	0.199	0.488	0.425	0.459	0.540	0.624	0.658	0.739
	Left side	0.184	0.008	0.275	0.369	0.146	0.330	0.192	0.459	0.553	0.338	0.605	0.699
	Right side	0.123	0.038	0.001	0.054	0.131	0.254	0.161	0.124	0.177	0.292	0.255	0.308
	Top side	0.192	0.267	0.011	0.239	0.103	0.295	0.459	0.203	0.431	0.562	0.306	0.534
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 14_Ant 1	Front	0.233	0.088	0.122	0.196	0.291	0.524	0.321	0.355	0.429	0.612	0.646	0.720
	Back	0.349	0.136	0.170	0.251	0.199	0.548	0.485	0.519	0.600	0.684	0.718	0.799
	Left side	0.210	0.008	0.275	0.369	0.146	0.356	0.218	0.485	0.579	0.364	0.631	0.725



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	Right side	0.120	0.038	0.001	0.054	0.131	0.251	0.158	0.121	0.174	0.289	0.252	0.305
	Top side	0.217	0.267	0.011	0.239	0.103	0.320	0.484	0.228	0.456	0.587	0.331	0.559
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 25_Ant 0	Front	0.424	0.088	0.122	0.196	0.291	0.715	0.512	0.546	0.620	0.803	0.837	0.911
	Back	0.696	0.136	0.170	0.251	0.199	0.895	0.832	0.866	0.947	1.031	1.065	1.146
	Left side	0.935	0.008	0.275	0.369	0.146	1.081	0.943	1.210	1.304	1.089	1.356	1.450
	Right side	0.034	0.038	0.001	0.054	0.131	0.165	0.072	0.035	0.088	0.203	0.166	0.219
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.641					0.641	0.641	0.641	0.641	0.641	0.641	0.641
LTE Band 26_Ant 1	Front	0.210	0.088	0.122	0.196	0.291	0.501	0.298	0.332	0.406	0.589	0.623	0.697
	Back	0.301	0.136	0.170	0.251	0.199	0.500	0.437	0.471	0.552	0.636	0.670	0.751
	Left side	0.179	0.008	0.275	0.369	0.146	0.325	0.187	0.454	0.548	0.333	0.600	0.694
	Right side	0.123	0.038	0.001	0.054	0.131	0.254	0.161	0.124	0.177	0.292	0.255	0.308
	Top side	0.230	0.267	0.011	0.239	0.103	0.333	0.497	0.241	0.469	0.600	0.344	0.572
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 30_Ant 0	Front	0.435	0.088	0.122	0.196	0.291	0.726	0.523	0.557	0.631	0.814	0.848	0.922
	Back	0.588	0.136	0.170	0.251	0.199	0.787	0.724	0.758	0.839	0.923	0.957	1.038
	Left side	0.872	0.008	0.275	0.369	0.146	1.018	0.880	1.147	1.241	1.026	1.293	1.387
	Right side	0.029	0.038	0.001	0.054	0.131	0.160	0.067	0.030	0.083	0.198	0.161	0.214
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.133					0.133	0.133	0.133	0.133	0.133	0.133	0.133
LTE Band 41_Ant 0	Front	0.414	0.088	0.122	0.196	0.291	0.705	0.502	0.536	0.610	0.793	0.827	0.901
	Back	0.682	0.136	0.170	0.251	0.199	0.881	0.818	0.852	0.933	1.017	1.051	1.132
	Left side	0.523	0.008	0.275	0.369	0.146	0.669	0.531	0.798	0.892	0.677	0.944	1.038
	Right side	0.087	0.038	0.001	0.054	0.131	0.218	0.125	0.088	0.141	0.256	0.219	0.272
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.254					0.254	0.254	0.254	0.254	0.254	0.254	0.254
LTE Band 48_Ant 2	Front	0.336	0.088	0.122	0.196	0.291	0.627	0.424	0.458	0.532	0.715	0.749	0.823
	Back	0.410	0.136	0.170	0.251	0.199	0.609	0.546	0.580	0.661	0.745	0.779	0.860
	Left side	0.133	0.008	0.275	0.369	0.146	0.279	0.141	0.408	0.502	0.287	0.554	0.648
	Right side	0.256	0.038	0.001	0.054	0.131	0.387	0.294	0.257	0.310	0.425	0.388	0.441
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.467					0.467	0.467	0.467	0.467	0.467	0.467	0.467
LTE Band 66_Ant 0	Front	0.460	0.088	0.122	0.196	0.291	0.751	0.548	0.582	0.656	0.839	0.873	0.947
	Back	0.740	0.136	0.170	0.251	0.199	0.939	0.876	0.910	0.991	1.075	1.109	1.190
	Left side	0.643	0.008	0.275	0.369	0.146	0.789	0.651	0.918	1.012	0.797	1.064	1.158
	Right side	0.066	0.038	0.001	0.054	0.131	0.197	0.104	0.067	0.120	0.235	0.198	0.251
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.908					0.908	0.908	0.908	0.908	0.908	0.908	0.908
LTE Band 71_Ant 1	Front	0.180	0.088	0.122	0.196	0.291	0.471	0.268	0.302	0.376	0.559	0.593	0.667
	Back	0.243	0.136	0.170	0.251	0.199	0.442	0.379	0.413	0.494	0.578	0.612	0.693
	Left side	0.287	0.008	0.275	0.369	0.146	0.433	0.295	0.562	0.656	0.441	0.708	0.802
	Right side	0.104	0.038	0.001	0.054	0.131	0.235	0.142	0.105	0.158	0.273	0.236	0.289
	Top side	0.176	0.267	0.011	0.239	0.103	0.279	0.443	0.187	0.415	0.546	0.290	0.518
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n5_Ant 1	Front	0.193	0.088	0.122	0.196	0.291	0.484	0.281	0.315	0.389	0.572	0.606	0.680
	Back	0.322	0.136	0.170	0.251	0.199	0.521	0.458	0.492	0.573	0.657	0.691	0.772
	Left side	0.110	0.008	0.275	0.369	0.146	0.256	0.118	0.385	0.479	0.264	0.531	0.625
	Right side	0.094	0.038	0.001	0.054	0.131	0.225	0.132	0.095	0.148	0.263	0.226	0.279
	Top side	0.142	0.267	0.011	0.239	0.103	0.245	0.409	0.153	0.381	0.512	0.256	0.484
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n7_Ant 0	Front	0.439	0.088	0.122	0.196	0.291	0.730	0.527	0.561	0.635	0.818	0.852	0.926
	Back	0.611	0.136	0.170	0.251	0.199	0.810	0.747	0.781	0.862	0.946	0.980	1.061
	Left side	0.932	0.008	0.275	0.369	0.146	1.078	0.940	1.207	1.301	1.086	1.353	1.447
	Right side	0.017	0.038	0.001	0.054	0.131	0.148	0.055	0.018	0.071	0.186	0.149	0.202
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342



	Bottom side	0.203					0.203	0.203	0.203	0.203	0.203	0.203	0.203
FR1 n12_Ant 1	Front	0.153	0.088	0.122	0.196	0.291	0.444	0.241	0.275	0.349	0.532	0.566	0.640
	Back	0.249	0.136	0.170	0.251	0.199	0.448	0.385	0.419	0.500	0.584	0.618	0.699
	Left side	0.238	0.008	0.275	0.369	0.146	0.384	0.246	0.513	0.607	0.392	0.659	0.753
	Right side	0.127	0.038	0.001	0.054	0.131	0.258	0.165	0.128	0.181	0.296	0.259	0.312
	Top side	0.166	0.267	0.011	0.239	0.103	0.269	0.433	0.177	0.405	0.536	0.280	0.508
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n25_Ant 0	Front	0.457	0.088	0.122	0.196	0.291	0.748	0.545	0.579	0.653	0.836	0.870	0.944
	Back	0.808	0.136	0.170	0.251	0.199	1.007	0.944	0.978	1.059	1.143	1.177	1.258
	Left side	0.976	0.008	0.275	0.369	0.146	1.122	0.984	1.251	1.345	1.130	1.397	1.491
	Right side	0.025	0.038	0.001	0.054	0.131	0.156	0.063	0.026	0.079	0.194	0.157	0.210
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.619					0.619	0.619	0.619	0.619	0.619	0.619	0.619
FR1 n30_Ant 0	Front	0.417	0.088	0.122	0.196	0.291	0.708	0.505	0.539	0.613	0.796	0.830	0.904
	Back	0.637	0.136	0.170	0.251	0.199	0.836	0.773	0.807	0.888	0.972	1.006	1.087
	Left side	0.891	0.008	0.275	0.369	0.146	1.037	0.899	1.166	1.260	1.045	1.312	1.406
	Right side	0.034	0.038	0.001	0.054	0.131	0.165	0.072	0.035	0.088	0.203	0.166	0.219
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.147					0.147	0.147	0.147	0.147	0.147	0.147	0.147
FR1 n66_Ant 0	Front	0.473	0.088	0.122	0.196	0.291	0.764	0.561	0.595	0.669	0.852	0.886	0.960
	Back	0.827	0.136	0.170	0.251	0.199	1.026	0.963	0.997	1.078	1.162	1.196	1.277
	Left side	0.709	0.008	0.275	0.369	0.146	0.855	0.717	0.984	1.078	0.863	1.130	1.224
	Right side	0.074	0.038	0.001	0.054	0.131	0.205	0.112	0.075	0.128	0.243	0.206	0.259
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.990					0.990	0.990	0.990	0.990	0.990	0.990	0.990
FR1 n71_Ant 1	Front	0.147	0.088	0.122	0.196	0.291	0.438	0.235	0.269	0.343	0.526	0.560	0.634
	Back	0.193	0.136	0.170	0.251	0.199	0.392	0.329	0.363	0.444	0.528	0.562	0.643
	Left side	0.233	0.008	0.275	0.369	0.146	0.379	0.241	0.508	0.602	0.387	0.654	0.748
	Right side	0.094	0.038	0.001	0.054	0.131	0.225	0.132	0.095	0.148	0.263	0.226	0.279
	Top side	0.114	0.267	0.011	0.239	0.103	0.217	0.381	0.125	0.353	0.484	0.228	0.456
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n77_Ant 2	Front	0.754	0.088	0.122	0.196	0.291	1.045	0.842	0.876	0.950	1.133	1.167	1.241
	Back	0.980	0.136	0.170	0.251	0.199	1.179	1.116	1.150	1.231	1.315	1.349	1.430
	Left side	0.209	0.008	0.275	0.369	0.146	0.355	0.217	0.484	0.578	0.363	0.630	0.724
	Right side	0.786	0.038	0.001	0.054	0.131	0.917	0.824	0.787	0.840	0.955	0.918	0.971
	Top side		0.267	0.011	0.239	0.103	0.103	0.267	0.011	0.239	0.370	0.114	0.342
	Bottom side	0.940					0.940	0.940	0.940	0.940	0.940	0.940	0.940



<WWAN Index 4, WLAN Index 9, BT Index 3>

WWAN Band	Exposure Position	1	5	6	7	8	1+6 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+8 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+5+8 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)							
GSM850_Ant 0	Front	0.476	0.440	0.055	0.070	0.050	0.531	0.546	0.526	0.971	0.986	0.966	0.916
	Back	0.560	0.314	0.075	0.091	0.069	0.635	0.651	0.629	0.949	0.965	0.943	0.874
	Left side	0.865	0.279	0.001	0.131	0.059	0.866	0.996	0.924	1.145	1.275	1.203	1.144
	Right side	0.464	0.212	0.019	0.001	0.018	0.483	0.465	0.482	0.695	0.677	0.694	0.676
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.260					0.260	0.260	0.260	0.260	0.260	0.260	0.260
GSM1900_Ant 2	Front	0.591	0.440	0.055	0.070	0.050	0.646	0.661	0.641	1.086	1.101	1.081	1.031
	Back	0.716	0.314	0.075	0.091	0.069	0.791	0.807	0.785	1.105	1.121	1.099	1.030
	Left side	0.052	0.279	0.001	0.131	0.059	0.053	0.183	0.111	0.332	0.462	0.390	0.331
	Right side	0.539	0.212	0.019	0.001	0.018	0.558	0.540	0.557	0.770	0.752	0.769	0.751
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.953					0.953	0.953	0.953	0.953	0.953	0.953	0.953
WCDMA II_Ant 2	Front	0.567	0.440	0.055	0.070	0.050	0.622	0.637	0.617	1.062	1.077	1.057	1.007
	Back	0.743	0.314	0.075	0.091	0.069	0.818	0.834	0.812	1.132	1.148	1.126	1.057
	Left side	0.059	0.279	0.001	0.131	0.059	0.060	0.190	0.118	0.339	0.469	0.397	0.338
	Right side	0.490	0.212	0.019	0.001	0.018	0.509	0.491	0.508	0.721	0.703	0.720	0.702
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.943					0.943	0.943	0.943	0.943	0.943	0.943	0.943
WCDMA IV_Ant 2	Front	0.595	0.440	0.055	0.070	0.050	0.650	0.665	0.645	1.090	1.105	1.085	1.035
	Back	0.867	0.314	0.075	0.091	0.069	0.942	0.958	0.936	1.256	1.272	1.250	1.181
	Left side	0.070	0.279	0.001	0.131	0.059	0.071	0.201	0.129	0.350	0.480	0.408	0.349
	Right side	0.693	0.212	0.019	0.001	0.018	0.712	0.694	0.711	0.924	0.906	0.923	0.905
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.952					0.952	0.952	0.952	0.952	0.952	0.952	0.952
WCDMA V_Ant 0	Front	0.391	0.440	0.055	0.070	0.050	0.446	0.461	0.441	0.886	0.901	0.881	0.831
	Back	0.426	0.314	0.075	0.091	0.069	0.501	0.517	0.495	0.815	0.831	0.809	0.740
	Left side	0.520	0.279	0.001	0.131	0.059	0.521	0.651	0.579	0.800	0.930	0.858	0.799
	Right side	0.311	0.212	0.019	0.001	0.018	0.330	0.312	0.329	0.542	0.524	0.541	0.523
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.224					0.224	0.224	0.224	0.224	0.224	0.224	0.224
LTE Band 7_Ant 2	Front	0.343	0.440	0.055	0.070	0.050	0.398	0.413	0.393	0.838	0.853	0.833	0.783
	Back	0.607	0.314	0.075	0.091	0.069	0.682	0.698	0.676	0.996	1.012	0.990	0.921
	Left side	0.010	0.279	0.001	0.131	0.059	0.011	0.141	0.069	0.290	0.420	0.348	0.289
	Right side	0.822	0.212	0.019	0.001	0.018	0.841	0.823	0.840	1.053	1.035	1.052	1.034
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.329					0.329	0.329	0.329	0.329	0.329	0.329	0.329
LTE Band 12_Ant 0	Front	0.307	0.440	0.055	0.070	0.050	0.362	0.377	0.357	0.802	0.817	0.797	0.747
	Back	0.425	0.314	0.075	0.091	0.069	0.500	0.516	0.494	0.814	0.830	0.808	0.739
	Left side	0.505	0.279	0.001	0.131	0.059	0.506	0.636	0.564	0.785	0.915	0.843	0.784
	Right side	0.331	0.212	0.019	0.001	0.018	0.350	0.332	0.349	0.562	0.544	0.561	0.543
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.073					0.073	0.073	0.073	0.073	0.073	0.073	0.073
LTE Band 13_Ant 0	Front	0.446	0.440	0.055	0.070	0.050	0.501	0.516	0.496	0.941	0.956	0.936	0.886
	Back	0.483	0.314	0.075	0.091	0.069	0.558	0.574	0.552	0.872	0.888	0.866	0.797
	Left side	0.668	0.279	0.001	0.131	0.059	0.669	0.799	0.727	0.948	1.078	1.006	0.947
	Right side	0.483	0.212	0.019	0.001	0.018	0.502	0.484	0.501	0.714	0.696	0.713	0.695
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.146					0.146	0.146	0.146	0.146	0.146	0.146	0.146
LTE Band 14_Ant 0	Front	0.412	0.440	0.055	0.070	0.050	0.467	0.482	0.462	0.907	0.922	0.902	0.852
	Back	0.508	0.314	0.075	0.091	0.069	0.583	0.599	0.577	0.897	0.913	0.891	0.822
	Left side	0.793	0.279	0.001	0.131	0.059	0.794	0.924	0.852	1.073	1.203	1.131	1.072



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	Right side	0.499	0.212	0.019	0.001	0.018	0.518	0.500	0.517	0.730	0.712	0.729	0.711
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.175					0.175	0.175	0.175	0.175	0.175	0.175	0.175
LTE Band 25_Ant 2	Front	0.645	0.440	0.055	0.070	0.050	0.700	0.715	0.695	1.140	1.155	1.135	1.085
	Back	0.747	0.314	0.075	0.091	0.069	0.822	0.838	0.816	1.136	1.152	1.130	1.061
	Left side	0.045	0.279	0.001	0.131	0.059	0.046	0.176	0.104	0.325	0.455	0.383	0.324
	Right side	0.543	0.212	0.019	0.001	0.018	0.562	0.544	0.561	0.774	0.756	0.773	0.755
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.986					0.986	0.986	0.986	0.986	0.986	0.986	0.986
LTE Band 26_Ant 0	Front	0.408	0.440	0.055	0.070	0.050	0.463	0.478	0.458	0.903	0.918	0.898	0.848
	Back	0.438	0.314	0.075	0.091	0.069	0.513	0.529	0.507	0.827	0.843	0.821	0.752
	Left side	0.599	0.279	0.001	0.131	0.059	0.600	0.730	0.658	0.879	1.009	0.937	0.878
	Right side	0.353	0.212	0.019	0.001	0.018	0.372	0.354	0.371	0.584	0.566	0.583	0.565
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.252					0.252	0.252	0.252	0.252	0.252	0.252	0.252
LTE Band 30_Ant 2	Front	0.617	0.440	0.055	0.070	0.050	0.672	0.687	0.667	1.112	1.127	1.107	1.057
	Back	0.936	0.314	0.075	0.091	0.069	1.011	1.027	1.005	1.325	1.341	1.319	1.250
	Left side	0.013	0.279	0.001	0.131	0.059	0.014	0.144	0.072	0.293	0.423	0.351	0.292
	Right side	0.923	0.212	0.019	0.001	0.018	0.942	0.924	0.941	1.154	1.136	1.153	1.135
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.840					0.840	0.840	0.840	0.840	0.840	0.840	0.840
LTE Band 41_Ant 2	Front	0.426	0.440	0.055	0.070	0.050	0.481	0.496	0.476	0.921	0.936	0.916	0.866
	Back	0.546	0.314	0.075	0.091	0.069	0.621	0.637	0.615	0.935	0.951	0.929	0.860
	Left side	0.015	0.279	0.001	0.131	0.059	0.016	0.146	0.074	0.295	0.425	0.353	0.294
	Right side	0.991	0.212	0.019	0.001	0.018	1.010	0.992	1.009	1.222	1.204	1.221	1.203
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.363					0.363	0.363	0.363	0.363	0.363	0.363	0.363
LTE Band 48_Ant 6	Front	0.887	0.440	0.055	0.070	0.050	0.942	0.957	0.937	1.382	1.397	1.377	1.327
	Back	0.439	0.314	0.075	0.091	0.069	0.514	0.530	0.508	0.828	0.844	0.822	0.753
	Left side	0.616	0.279	0.001	0.131	0.059	0.617	0.747	0.675	0.896	1.026	0.954	0.895
	Right side	0.051	0.212	0.019	0.001	0.018	0.070	0.052	0.069	0.282	0.264	0.281	0.263
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.460					0.460	0.460	0.460	0.460	0.460	0.460	0.460
LTE Band 66_Ant 2	Front	0.737	0.440	0.055	0.070	0.050	0.792	0.807	0.787	1.232	1.247	1.227	1.177
	Back	0.831	0.314	0.075	0.091	0.069	0.906	0.922	0.900	1.220	1.236	1.214	1.145
	Left side	0.076	0.279	0.001	0.131	0.059	0.077	0.207	0.135	0.356	0.486	0.414	0.355
	Right side	0.711	0.212	0.019	0.001	0.018	0.730	0.712	0.729	0.942	0.924	0.941	0.923
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.944					0.944	0.944	0.944	0.944	0.944	0.944	0.944
LTE Band 71_Ant 0	Front	0.347	0.440	0.055	0.070	0.050	0.402	0.417	0.397	0.842	0.857	0.837	0.787
	Back	0.483	0.314	0.075	0.091	0.069	0.558	0.574	0.552	0.872	0.888	0.866	0.797
	Left side	0.462	0.279	0.001	0.131	0.059	0.463	0.593	0.521	0.742	0.872	0.800	0.741
	Right side	0.308	0.212	0.019	0.001	0.018	0.327	0.309	0.326	0.539	0.521	0.538	0.520
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.081					0.081	0.081	0.081	0.081	0.081	0.081	0.081
FR1 n5_Ant 0	Front	0.325	0.440	0.055	0.070	0.050	0.380	0.395	0.375	0.820	0.835	0.815	0.765
	Back	0.428	0.314	0.075	0.091	0.069	0.503	0.519	0.497	0.817	0.833	0.811	0.742
	Left side	0.529	0.279	0.001	0.131	0.059	0.530	0.660	0.588	0.809	0.939	0.867	0.808
	Right side	0.316	0.212	0.019	0.001	0.018	0.335	0.317	0.334	0.547	0.529	0.546	0.528
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.221					0.221	0.221	0.221	0.221	0.221	0.221	0.221
FR1 n7_Ant 2	Front	0.417	0.440	0.055	0.070	0.050	0.472	0.487	0.467	0.912	0.927	0.907	0.857
	Back	0.585	0.314	0.075	0.091	0.069	0.660	0.676	0.654	0.974	0.990	0.968	0.899
	Left side	0.010	0.279	0.001	0.131	0.059	0.011	0.141	0.069	0.290	0.420	0.348	0.289
	Right side	0.853	0.212	0.019	0.001	0.018	0.872	0.854	0.871	1.084	1.066	1.083	1.065
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183



	Bottom side	0.374					0.374	0.374	0.374	0.374	0.374	0.374	0.374
FR1 n12_Ant 0	Front	0.401	0.440	0.055	0.070	0.050	0.456	0.471	0.451	0.896	0.911	0.891	0.841
	Back	0.462	0.314	0.075	0.091	0.069	0.537	0.553	0.531	0.851	0.867	0.845	0.776
	Left side	0.473	0.279	0.001	0.131	0.059	0.474	0.604	0.532	0.753	0.883	0.811	0.752
	Right side	0.326	0.212	0.019	0.001	0.018	0.345	0.327	0.344	0.557	0.539	0.556	0.538
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.078					0.078	0.078	0.078	0.078	0.078	0.078	0.078
FR1 n25_Ant 2	Front	0.670	0.440	0.055	0.070	0.050	0.725	0.740	0.720	1.165	1.180	1.160	1.110
	Back	0.842	0.314	0.075	0.091	0.069	0.917	0.933	0.911	1.231	1.247	1.225	1.156
	Left side	0.055	0.279	0.001	0.131	0.059	0.056	0.186	0.114	0.335	0.465	0.393	0.334
	Right side	0.648	0.212	0.019	0.001	0.018	0.667	0.649	0.666	0.879	0.861	0.878	0.860
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.982					0.982	0.982	0.982	0.982	0.982	0.982	0.982
FR1 n30_Ant 2	Front	0.727	0.440	0.055	0.070	0.050	0.782	0.797	0.777	1.222	1.237	1.217	1.167
	Back	0.991	0.314	0.075	0.091	0.069	1.066	1.082	1.060	1.380	1.396	1.374	1.305
	Left side	0.015	0.279	0.001	0.131	0.059	0.016	0.146	0.074	0.295	0.425	0.353	0.294
	Right side	0.988	0.212	0.019	0.001	0.018	1.007	0.989	1.006	1.219	1.201	1.218	1.200
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.934					0.934	0.934	0.934	0.934	0.934	0.934	0.934
FR1 n66_Ant 2	Front	0.713	0.440	0.055	0.070	0.050	0.768	0.783	0.763	1.208	1.223	1.203	1.153
	Back	0.901	0.314	0.075	0.091	0.069	0.976	0.992	0.970	1.290	1.306	1.284	1.215
	Left side	0.043	0.279	0.001	0.131	0.059	0.044	0.174	0.102	0.323	0.453	0.381	0.322
	Right side	0.704	0.212	0.019	0.001	0.018	0.723	0.705	0.722	0.935	0.917	0.934	0.916
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.997					0.997	0.997	0.997	0.997	0.997	0.997	0.997
FR1 n71_Ant 0	Front	0.363	0.440	0.055	0.070	0.050	0.418	0.433	0.413	0.858	0.873	0.853	0.803
	Back	0.447	0.314	0.075	0.091	0.069	0.522	0.538	0.516	0.836	0.852	0.830	0.761
	Left side	0.498	0.279	0.001	0.131	0.059	0.499	0.629	0.557	0.778	0.908	0.836	0.777
	Right side	0.353	0.212	0.019	0.001	0.018	0.372	0.354	0.371	0.584	0.566	0.583	0.565
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.093					0.093	0.093	0.093	0.093	0.093	0.093	0.093
FR1 n77_Ant 6	Front	0.993	0.440	0.055	0.070	0.050	1.048	1.063	1.043	1.488	1.503	1.483	1.433
	Back	0.577	0.314	0.075	0.091	0.069	0.652	0.668	0.646	0.966	0.982	0.960	0.891
	Left side	0.826	0.279	0.001	0.131	0.059	0.827	0.957	0.885	1.106	1.236	1.164	1.105
	Right side	0.092	0.212	0.019	0.001	0.018	0.111	0.093	0.110	0.323	0.305	0.322	0.304
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.433					0.433	0.433	0.433	0.433	0.433	0.433	0.433



<WWAN Index 4, WLAN Index 9, BT Index 3>

WWAN Band	Exposure Position	1	5	6	7	8	1+6 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+8 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+5+8 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)							
GSM850_Ant 1	Front	0.392	0.440	0.055	0.070	0.050	0.447	0.462	0.442	0.887	0.902	0.882	0.832
	Back	0.542	0.314	0.075	0.091	0.069	0.617	0.633	0.611	0.931	0.947	0.925	0.856
	Left side	0.335	0.279	0.001	0.131	0.059	0.336	0.466	0.394	0.615	0.745	0.673	0.614
	Right side	0.259	0.212	0.019	0.001	0.018	0.278	0.260	0.277	0.490	0.472	0.489	0.471
	Top side	0.375	0.183	0.132	0.003	0.161	0.507	0.378	0.536	0.690	0.561	0.719	0.558
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
GSM1900_Ant 0	Front	0.506	0.440	0.055	0.070	0.050	0.561	0.576	0.556	1.001	1.016	0.996	0.946
	Back	0.994	0.314	0.075	0.091	0.069	1.069	1.085	1.063	1.383	1.399	1.377	1.308
	Left side	0.993	0.279	0.001	0.131	0.059	0.994	1.124	1.052	1.273	1.403	1.331	1.272
	Right side	0.038	0.212	0.019	0.001	0.018	0.057	0.039	0.056	0.269	0.251	0.268	0.250
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.837					0.837	0.837	0.837	0.837	0.837	0.837	0.837
WCDMA II_Ant 0	Front	0.445	0.440	0.055	0.070	0.050	0.500	0.515	0.495	0.940	0.955	0.935	0.885
	Back	0.692	0.314	0.075	0.091	0.069	0.767	0.783	0.761	1.081	1.097	1.075	1.006
	Left side	0.947	0.279	0.001	0.131	0.059	0.948	1.078	1.006	1.227	1.357	1.285	1.226
	Right side	0.034	0.212	0.019	0.001	0.018	0.053	0.035	0.052	0.265	0.247	0.264	0.246
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.635					0.635	0.635	0.635	0.635	0.635	0.635	0.635
WCDMA IV_Ant 0	Front	0.448	0.440	0.055	0.070	0.050	0.503	0.518	0.498	0.943	0.958	0.938	0.888
	Back	0.764	0.314	0.075	0.091	0.069	0.839	0.855	0.833	1.153	1.169	1.147	1.078
	Left side	0.692	0.279	0.001	0.131	0.059	0.693	0.823	0.751	0.972	1.102	1.030	0.971
	Right side	0.065	0.212	0.019	0.001	0.018	0.084	0.066	0.083	0.296	0.278	0.295	0.277
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.992					0.992	0.992	0.992	0.992	0.992	0.992	0.992
WCDMA V_Ant 1	Front	0.246	0.440	0.055	0.070	0.050	0.301	0.316	0.296	0.741	0.756	0.736	0.686
	Back	0.395	0.314	0.075	0.091	0.069	0.470	0.486	0.464	0.784	0.800	0.778	0.709
	Left side	0.242	0.279	0.001	0.131	0.059	0.243	0.373	0.301	0.522	0.652	0.580	0.521
	Right side	0.235	0.212	0.019	0.001	0.018	0.254	0.236	0.253	0.466	0.448	0.465	0.447
	Top side	0.233	0.183	0.132	0.003	0.161	0.365	0.236	0.394	0.548	0.419	0.577	0.416
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 7_Ant 0	Front	0.364	0.440	0.055	0.070	0.050	0.419	0.434	0.414	0.859	0.874	0.854	0.804
	Back	0.560	0.314	0.075	0.091	0.069	0.635	0.651	0.629	0.949	0.965	0.943	0.874
	Left side	0.901	0.279	0.001	0.131	0.059	0.902	1.032	0.960	1.181	1.311	1.239	1.180
	Right side	0.020	0.212	0.019	0.001	0.018	0.039	0.021	0.038	0.251	0.233	0.250	0.232
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.193					0.193	0.193	0.193	0.193	0.193	0.193	0.193
LTE Band 12_Ant 1	Front	0.190	0.440	0.055	0.070	0.050	0.245	0.260	0.240	0.685	0.700	0.680	0.630
	Back	0.277	0.314	0.075	0.091	0.069	0.352	0.368	0.346	0.666	0.682	0.660	0.591
	Left side	0.263	0.279	0.001	0.131	0.059	0.264	0.394	0.322	0.543	0.673	0.601	0.542
	Right side	0.127	0.212	0.019	0.001	0.018	0.146	0.128	0.145	0.358	0.340	0.357	0.339
	Top side	0.257	0.183	0.132	0.003	0.161	0.389	0.260	0.418	0.572	0.443	0.601	0.440
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 13_Ant 1	Front	0.217	0.440	0.055	0.070	0.050	0.272	0.287	0.267	0.712	0.727	0.707	0.657
	Back	0.289	0.314	0.075	0.091	0.069	0.364	0.380	0.358	0.678	0.694	0.672	0.603
	Left side	0.184	0.279	0.001	0.131	0.059	0.185	0.315	0.243	0.464	0.594	0.522	0.463
	Right side	0.123	0.212	0.019	0.001	0.018	0.142	0.124	0.141	0.354	0.336	0.353	0.335
	Top side	0.192	0.183	0.132	0.003	0.161	0.324	0.195	0.353	0.507	0.378	0.536	0.375
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 14_Ant 1	Front	0.233	0.440	0.055	0.070	0.050	0.288	0.303	0.283	0.728	0.743	0.723	0.673
	Back	0.349	0.314	0.075	0.091	0.069	0.424	0.440	0.418	0.738	0.754	0.732	0.663
	Left side	0.210	0.279	0.001	0.131	0.059	0.211	0.341	0.269	0.490	0.620	0.548	0.489



	Right side	0.120	0.212	0.019	0.001	0.018	0.139	0.121	0.138	0.351	0.333	0.350	0.332
	Top side	0.217	0.183	0.132	0.003	0.161	0.349	0.220	0.378	0.532	0.403	0.561	0.400
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 25_Ant 0	Front	0.424	0.440	0.055	0.070	0.050	0.479	0.494	0.474	0.919	0.934	0.914	0.864
	Back	0.696	0.314	0.075	0.091	0.069	0.771	0.787	0.765	1.085	1.101	1.079	1.010
	Left side	0.935	0.279	0.001	0.131	0.059	0.936	1.066	0.994	1.215	1.345	1.273	1.214
	Right side	0.034	0.212	0.019	0.001	0.018	0.053	0.035	0.052	0.265	0.247	0.264	0.246
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.641					0.641	0.641	0.641	0.641	0.641	0.641	0.641
LTE Band 26_Ant 1	Front	0.210	0.440	0.055	0.070	0.050	0.265	0.280	0.260	0.705	0.720	0.700	0.650
	Back	0.301	0.314	0.075	0.091	0.069	0.376	0.392	0.370	0.690	0.706	0.684	0.615
	Left side	0.179	0.279	0.001	0.131	0.059	0.180	0.310	0.238	0.459	0.589	0.517	0.458
	Right side	0.123	0.212	0.019	0.001	0.018	0.142	0.124	0.141	0.354	0.336	0.353	0.335
	Top side	0.230	0.183	0.132	0.003	0.161	0.362	0.233	0.391	0.545	0.416	0.574	0.413
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 30_Ant 0	Front	0.435	0.440	0.055	0.070	0.050	0.490	0.505	0.485	0.930	0.945	0.925	0.875
	Back	0.588	0.314	0.075	0.091	0.069	0.663	0.679	0.657	0.977	0.993	0.971	0.902
	Left side	0.872	0.279	0.001	0.131	0.059	0.873	1.003	0.931	1.152	1.282	1.210	1.151
	Right side	0.029	0.212	0.019	0.001	0.018	0.048	0.030	0.047	0.260	0.242	0.259	0.241
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.133					0.133	0.133	0.133	0.133	0.133	0.133	0.133
LTE Band 41_Ant 0	Front	0.414	0.440	0.055	0.070	0.050	0.469	0.484	0.464	0.909	0.924	0.904	0.854
	Back	0.682	0.314	0.075	0.091	0.069	0.757	0.773	0.751	1.071	1.087	1.065	0.996
	Left side	0.523	0.279	0.001	0.131	0.059	0.524	0.654	0.582	0.803	0.933	0.861	0.802
	Right side	0.087	0.212	0.019	0.001	0.018	0.106	0.088	0.105	0.318	0.300	0.317	0.299
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.254					0.254	0.254	0.254	0.254	0.254	0.254	0.254
LTE Band 48_Ant 2	Front	0.336	0.440	0.055	0.070	0.050	0.391	0.406	0.386	0.831	0.846	0.826	0.776
	Back	0.410	0.314	0.075	0.091	0.069	0.485	0.501	0.479	0.799	0.815	0.793	0.724
	Left side	0.133	0.279	0.001	0.131	0.059	0.134	0.264	0.192	0.413	0.543	0.471	0.412
	Right side	0.256	0.212	0.019	0.001	0.018	0.275	0.257	0.274	0.487	0.469	0.486	0.468
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.467					0.467	0.467	0.467	0.467	0.467	0.467	0.467
LTE Band 66_Ant 0	Front	0.460	0.440	0.055	0.070	0.050	0.515	0.530	0.510	0.955	0.970	0.950	0.900
	Back	0.740	0.314	0.075	0.091	0.069	0.815	0.831	0.809	1.129	1.145	1.123	1.054
	Left side	0.643	0.279	0.001	0.131	0.059	0.644	0.774	0.702	0.923	1.053	0.981	0.922
	Right side	0.066	0.212	0.019	0.001	0.018	0.085	0.067	0.084	0.297	0.279	0.296	0.278
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.908					0.908	0.908	0.908	0.908	0.908	0.908	0.908
LTE Band 71_Ant 1	Front	0.180	0.440	0.055	0.070	0.050	0.235	0.250	0.230	0.675	0.690	0.670	0.620
	Back	0.243	0.314	0.075	0.091	0.069	0.318	0.334	0.312	0.632	0.648	0.626	0.557
	Left side	0.287	0.279	0.001	0.131	0.059	0.288	0.418	0.346	0.567	0.697	0.625	0.566
	Right side	0.104	0.212	0.019	0.001	0.018	0.123	0.105	0.122	0.335	0.317	0.334	0.316
	Top side	0.176	0.183	0.132	0.003	0.161	0.308	0.179	0.337	0.491	0.362	0.520	0.359
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n5_Ant 1	Front	0.193	0.440	0.055	0.070	0.050	0.248	0.263	0.243	0.688	0.703	0.683	0.633
	Back	0.322	0.314	0.075	0.091	0.069	0.397	0.413	0.391	0.711	0.727	0.705	0.636
	Left side	0.110	0.279	0.001	0.131	0.059	0.111	0.241	0.169	0.390	0.520	0.448	0.389
	Right side	0.094	0.212	0.019	0.001	0.018	0.113	0.095	0.112	0.325	0.307	0.324	0.306
	Top side	0.142	0.183	0.132	0.003	0.161	0.274	0.145	0.303	0.457	0.328	0.486	0.325
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n7_Ant 0	Front	0.439	0.440	0.055	0.070	0.050	0.494	0.509	0.489	0.934	0.949	0.929	0.879
	Back	0.611	0.314	0.075	0.091	0.069	0.686	0.702	0.680	1.000	1.016	0.994	0.925
	Left side	0.932	0.279	0.001	0.131	0.059	0.933	1.063	0.991	1.212	1.342	1.270	1.211
	Right side	0.017	0.212	0.019	0.001	0.018	0.036	0.018	0.035	0.248	0.230	0.247	0.229
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183



	Bottom side	0.203					0.203	0.203	0.203	0.203	0.203	0.203	0.203
FR1 n12_Ant 1	Front	0.153	0.440	0.055	0.070	0.050	0.208	0.223	0.203	0.648	0.663	0.643	0.593
	Back	0.249	0.314	0.075	0.091	0.069	0.324	0.340	0.318	0.638	0.654	0.632	0.563
	Left side	0.238	0.279	0.001	0.131	0.059	0.239	0.369	0.297	0.518	0.648	0.576	0.517
	Right side	0.127	0.212	0.019	0.001	0.018	0.146	0.128	0.145	0.358	0.340	0.357	0.339
	Top side	0.166	0.183	0.132	0.003	0.161	0.298	0.169	0.327	0.481	0.352	0.510	0.349
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n25_Ant 0	Front	0.457	0.440	0.055	0.070	0.050	0.512	0.527	0.507	0.952	0.967	0.947	0.897
	Back	0.808	0.314	0.075	0.091	0.069	0.883	0.899	0.877	1.197	1.213	1.191	1.122
	Left side	0.976	0.279	0.001	0.131	0.059	0.977	1.107	1.035	1.256	1.386	1.314	1.255
	Right side	0.025	0.212	0.019	0.001	0.018	0.044	0.026	0.043	0.256	0.238	0.255	0.237
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.619					0.619	0.619	0.619	0.619	0.619	0.619	0.619
FR1 n30_Ant 0	Front	0.417	0.440	0.055	0.070	0.050	0.472	0.487	0.467	0.912	0.927	0.907	0.857
	Back	0.637	0.314	0.075	0.091	0.069	0.712	0.728	0.706	1.026	1.042	1.020	0.951
	Left side	0.891	0.279	0.001	0.131	0.059	0.892	1.022	0.950	1.171	1.301	1.229	1.170
	Right side	0.034	0.212	0.019	0.001	0.018	0.053	0.035	0.052	0.265	0.247	0.264	0.246
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.147					0.147	0.147	0.147	0.147	0.147	0.147	0.147
FR1 n66_Ant 0	Front	0.473	0.440	0.055	0.070	0.050	0.528	0.543	0.523	0.968	0.983	0.963	0.913
	Back	0.827	0.314	0.075	0.091	0.069	0.902	0.918	0.896	1.216	1.232	1.210	1.141
	Left side	0.709	0.279	0.001	0.131	0.059	0.710	0.840	0.768	0.989	1.119	1.047	0.988
	Right side	0.074	0.212	0.019	0.001	0.018	0.093	0.075	0.092	0.305	0.287	0.304	0.286
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.990					0.990	0.990	0.990	0.990	0.990	0.990	0.990
FR1 n71_Ant 1	Front	0.147	0.440	0.055	0.070	0.050	0.202	0.217	0.197	0.642	0.657	0.637	0.587
	Back	0.193	0.314	0.075	0.091	0.069	0.268	0.284	0.262	0.582	0.598	0.576	0.507
	Left side	0.233	0.279	0.001	0.131	0.059	0.234	0.364	0.292	0.513	0.643	0.571	0.512
	Right side	0.094	0.212	0.019	0.001	0.018	0.113	0.095	0.112	0.325	0.307	0.324	0.306
	Top side	0.114	0.183	0.132	0.003	0.161	0.246	0.117	0.275	0.429	0.300	0.458	0.297
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n77_Ant 2	Front	0.754	0.440	0.055	0.070	0.050	0.809	0.824	0.804	1.249	1.264	1.244	1.194
	Back	0.980	0.314	0.075	0.091	0.069	1.055	1.071	1.049	1.369	1.385	1.363	1.294
	Left side	0.209	0.279	0.001	0.131	0.059	0.210	0.340	0.268	0.489	0.619	0.547	0.488
	Right side	0.786	0.212	0.019	0.001	0.018	0.805	0.787	0.804	1.017	0.999	1.016	0.998
	Top side		0.183	0.132	0.003	0.161	0.132	0.003	0.161	0.315	0.186	0.344	0.183
	Bottom side	0.940					0.940	0.940	0.940	0.940	0.940	0.940	0.940



6.4 Body-Worn Accessory Exposure Conditions

<WLAN Index 5, BT Index 2>

Band	Exposure Position	2	3	4	5	6	7	8	5+6 Summed 1g SAR (W/kg)	5+7 Summed 1g SAR (W/kg)	5+8 Summed 1g SAR (W/kg)
		WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)			
WLAN	Front	0.429	0.388	0.348	0.897	0.220	0.126	0.098	1.117	1.023	0.995
	Back	0.579	0.632	0.494	1.126	0.339	0.353	0.156	1.465	1.479	1.282

<WLAN Index 6>

Band	Exposure Position	2	3	4	5	2+5 Summed 1g SAR (W/kg)	3+5 Summed 1g SAR (W/kg)	4+5 Summed 1g SAR (W/kg)
		WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)			
WLAN	Front	0.429	0.388	0.348	0.795	1.224	1.183	1.143
	Back	0.579	0.632	0.494	0.940	1.519	1.572	1.434

<WWAN Index 6, WLAN Index 7>

WWAN Band	Exposure Position	1	2	3	4	5	1+5 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)				
GSM850_Ant 0	Front	0.476	0.236	0.303	0.212	0.488	0.964	0.712	0.779	0.688
	Back	0.710	0.330	0.396	0.334	0.509	1.219	1.040	1.106	1.044
GSM1900_Ant 2	Front	0.727	0.236	0.303	0.212	0.488	1.215	0.963	1.030	0.939
	Back	0.962	0.330	0.396	0.334	0.509	1.471	1.292	1.358	1.296
WCDMA II_Ant 2	Front	0.622	0.236	0.303	0.212	0.488	1.110	0.858	0.925	0.834
	Back	0.910	0.330	0.396	0.334	0.509	1.419	1.240	1.306	1.244
WCDMA IV_Ant 2	Front	0.683	0.236	0.303	0.212	0.488	1.171	0.919	0.986	0.895
	Back	0.980	0.330	0.396	0.334	0.509	1.489	1.310	1.376	1.314
WCDMA V_Ant 0	Front	0.391	0.236	0.303	0.212	0.488	0.879	0.627	0.694	0.603
	Back	0.426	0.330	0.396	0.334	0.509	0.935	0.756	0.822	0.760
LTE Band 7_Ant 2	Front	0.412	0.236	0.303	0.212	0.488	0.900	0.648	0.715	0.624
	Back	0.729	0.330	0.396	0.334	0.509	1.238	1.059	1.125	1.063
LTE Band 12_Ant 0	Front	0.307	0.236	0.303	0.212	0.488	0.795	0.543	0.610	0.519
	Back	0.425	0.330	0.396	0.334	0.509	0.934	0.755	0.821	0.759
LTE Band 13_Ant 0	Front	0.446	0.236	0.303	0.212	0.488	0.934	0.682	0.749	0.658
	Back	0.483	0.330	0.396	0.334	0.509	0.992	0.813	0.879	0.817
LTE Band 14_Ant 0	Front	0.412	0.236	0.303	0.212	0.488	0.900	0.648	0.715	0.624
	Back	0.574	0.330	0.396	0.334	0.509	1.083	0.904	0.970	0.908
LTE Band 25_Ant 2	Front	0.707	0.236	0.303	0.212	0.488	1.195	0.943	1.010	0.919
	Back	0.872	0.330	0.396	0.334	0.509	1.381	1.202	1.268	1.206
LTE Band 26_Ant 0	Front	0.408	0.236	0.303	0.212	0.488	0.896	0.644	0.711	0.620
	Back	0.438	0.330	0.396	0.334	0.509	0.947	0.768	0.834	0.772
LTE Band 30_Ant 2	Front	0.617	0.236	0.303	0.212	0.488	1.105	0.853	0.920	0.829
	Back	0.936	0.330	0.396	0.334	0.509	1.445	1.266	1.332	1.270
LTE Band 41_Ant 2	Front	0.512	0.236	0.303	0.212	0.488	1.000	0.748	0.815	0.724
	Back	0.786	0.330	0.396	0.334	0.509	1.295	1.116	1.182	1.120
LTE Band 48_Ant 6	Front	0.887	0.236	0.303	0.212	0.488	1.375	1.123	1.190	1.099
	Back	0.439	0.330	0.396	0.334	0.509	0.948	0.769	0.835	0.773
LTE Band 66_Ant 2	Front	0.827	0.236	0.303	0.212	0.488	1.315	1.063	1.130	1.039
	Back	0.933	0.330	0.396	0.334	0.509	1.442	1.263	1.329	1.267
LTE Band 71_Ant 0	Front	0.347	0.236	0.303	0.212	0.488	0.835	0.583	0.650	0.559
	Back	0.483	0.330	0.396	0.334	0.509	0.992	0.813	0.879	0.817
FR1 n5_Ant 0	Front	0.325	0.236	0.303	0.212	0.488	0.813	0.561	0.628	0.537



FR1 n7_Ant 2	Back	0.428	0.330	0.396	0.334	0.509	0.937	0.758	0.824	0.762
	Front	0.501	0.236	0.303	0.212	0.488	0.989	0.737	0.804	0.713
FR1 n12_Ant 0	Back	0.757	0.330	0.396	0.334	0.509	1.266	1.087	1.153	1.091
	Front	0.401	0.236	0.303	0.212	0.488	0.889	0.637	0.704	0.613
FR1 n25_Ant 2	Back	0.462	0.330	0.396	0.334	0.509	0.971	0.792	0.858	0.796
	Front	0.833	0.236	0.303	0.212	0.488	1.321	1.069	1.136	1.045
FR1 n30_Ant 2	Back	0.990	0.330	0.396	0.334	0.509	1.499	1.320	1.386	1.324
	Front	0.727	0.236	0.303	0.212	0.488	1.215	0.963	1.030	0.939
FR1 n66_Ant 2	Back	0.991	0.330	0.396	0.334	0.509	1.500	1.321	1.387	1.325
	Front	0.747	0.236	0.303	0.212	0.488	1.235	0.983	1.050	0.959
FR1 n71_Ant 0	Back	0.943	0.330	0.396	0.334	0.509	1.452	1.273	1.339	1.277
	Front	0.363	0.236	0.303	0.212	0.488	0.851	0.599	0.666	0.575
FR1 n77_Ant 6	Back	0.447	0.330	0.396	0.334	0.509	0.956	0.777	0.843	0.781
	Front	0.993	0.236	0.303	0.212	0.488	1.481	1.229	1.296	1.205
	Back	0.577	0.330	0.396	0.334	0.509	1.086	0.907	0.973	0.911

<WWAN Index 6, WLAN Index 7>

WWAN Band	Exposure Position	1	2	3	4	5	1+5 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)				
GSM850_Ant 1	Front	0.392	0.236	0.303	0.212	0.488	0.880	0.628	0.695	0.604
	Back	0.542	0.330	0.396	0.334	0.509	1.051	0.872	0.938	0.876
GSM1900_Ant 0	Front	0.506	0.236	0.303	0.212	0.488	0.994	0.742	0.809	0.718
	Back	0.994	0.330	0.396	0.334	0.509	1.503	1.324	1.390	1.328
WCDMA II_Ant 0	Front	0.481	0.236	0.303	0.212	0.488	0.969	0.717	0.784	0.693
	Back	0.902	0.330	0.396	0.334	0.509	1.411	1.232	1.298	1.236
WCDMA IV_Ant 0	Front	0.459	0.236	0.303	0.212	0.488	0.947	0.695	0.762	0.671
	Back	0.844	0.330	0.396	0.334	0.509	1.353	1.174	1.240	1.178
WCDMA V_Ant 1	Front	0.246	0.236	0.303	0.212	0.488	0.734	0.482	0.549	0.458
	Back	0.395	0.330	0.396	0.334	0.509	0.904	0.725	0.791	0.729
LTE Band 7_Ant 0	Front	0.437	0.236	0.303	0.212	0.488	0.925	0.673	0.740	0.649
	Back	0.674	0.330	0.396	0.334	0.509	1.183	1.004	1.070	1.008
LTE Band 12_Ant 1	Front	0.190	0.236	0.303	0.212	0.488	0.678	0.426	0.493	0.402
	Back	0.277	0.330	0.396	0.334	0.509	0.786	0.607	0.673	0.611
LTE Band 13_Ant 1	Front	0.217	0.236	0.303	0.212	0.488	0.705	0.453	0.520	0.429
	Back	0.289	0.330	0.396	0.334	0.509	0.798	0.619	0.685	0.623
LTE Band 14_Ant 1	Front	0.233	0.236	0.303	0.212	0.488	0.721	0.469	0.536	0.445
	Back	0.349	0.330	0.396	0.334	0.509	0.858	0.679	0.745	0.683
LTE Band 25_Ant 0	Front	0.510	0.236	0.303	0.212	0.488	0.998	0.746	0.813	0.722
	Back	0.936	0.330	0.396	0.334	0.509	1.445	1.266	1.332	1.270
LTE Band 26_Ant 1	Front	0.210	0.236	0.303	0.212	0.488	0.698	0.446	0.513	0.422
	Back	0.301	0.330	0.396	0.334	0.509	0.810	0.631	0.697	0.635
LTE Band 30_Ant 0	Front	0.523	0.236	0.303	0.212	0.488	1.011	0.759	0.826	0.735
	Back	0.707	0.330	0.396	0.334	0.509	1.216	1.037	1.103	1.041
LTE Band 41_Ant 0	Front	0.414	0.236	0.303	0.212	0.488	0.902	0.650	0.717	0.626
	Back	0.682	0.330	0.396	0.334	0.509	1.191	1.012	1.078	1.016
LTE Band 48_Ant 2	Front	0.336	0.236	0.303	0.212	0.488	0.824	0.572	0.639	0.548
	Back	0.410	0.330	0.396	0.334	0.509	0.919	0.740	0.806	0.744
LTE Band 66_Ant 0	Front	0.551	0.236	0.303	0.212	0.488	1.039	0.787	0.854	0.763
	Back	0.942	0.330	0.396	0.334	0.509	1.451	1.272	1.338	1.276
LTE Band 71_Ant 1	Front	0.180	0.236	0.303	0.212	0.488	0.668	0.416	0.483	0.392
	Back	0.243	0.330	0.396	0.334	0.509	0.752	0.573	0.639	0.577
FR1 n5_Ant 1	Front	0.193	0.236	0.303	0.212	0.488	0.681	0.429	0.496	0.405
	Back	0.322	0.330	0.396	0.334	0.509	0.831	0.652	0.718	0.656
FR1 n7_Ant 0	Front	0.528	0.236	0.303	0.212	0.488	1.016	0.764	0.831	0.740



FR1 n12_Ant 1	Back	0.735	0.330	0.396	0.334	0.509	1.244	1.065	1.131	1.069
	Front	0.153	0.236	0.303	0.212	0.488	0.641	0.389	0.456	0.365
FR1 n25_Ant 0	Back	0.249	0.330	0.396	0.334	0.509	0.758	0.579	0.645	0.583
	Front	0.550	0.236	0.303	0.212	0.488	1.038	0.786	0.853	0.762
FR1 n30_Ant 0	Back	0.972	0.330	0.396	0.334	0.509	1.481	1.302	1.368	1.306
	Front	0.502	0.236	0.303	0.212	0.488	0.990	0.738	0.805	0.714
FR1 n66_Ant 0	Back	0.766	0.330	0.396	0.334	0.509	1.275	1.096	1.162	1.100
	Front	0.506	0.236	0.303	0.212	0.488	0.994	0.742	0.809	0.718
FR1 n71_Ant 1	Back	0.886	0.330	0.396	0.334	0.509	1.395	1.216	1.282	1.220
	Front	0.147	0.236	0.303	0.212	0.488	0.635	0.383	0.450	0.359
FR1 n77_Ant 2	Back	0.193	0.330	0.396	0.334	0.509	0.702	0.523	0.589	0.527
	Front	0.754	0.236	0.303	0.212	0.488	1.242	0.990	1.057	0.966
	Back	0.980	0.330	0.396	0.334	0.509	1.489	1.310	1.376	1.314

<WWAN Index 6, WLAN Index 8>

WWAN Band	Exposure Position	1	2	3	4	5	1+5 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+3+5 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)							
GSM850_Ant 0	Front	0.476	0.088	0.122	0.196	0.325	0.801	0.564	0.598	0.672	0.889	0.923	0.997
	Back	0.710	0.136	0.170	0.251	0.206	0.916	0.846	0.880	0.961	1.052	1.086	1.167
GSM1900_Ant 2	Front	0.727	0.088	0.122	0.196	0.325	1.052	0.815	0.849	0.923	1.140	1.174	1.248
	Back	0.962	0.136	0.170	0.251	0.206	1.168	1.098	1.132	1.213	1.304	1.338	1.419
WCDMA II_Ant 2	Front	0.622	0.088	0.122	0.196	0.325	0.947	0.710	0.744	0.818	1.035	1.069	1.143
	Back	0.910	0.136	0.170	0.251	0.206	1.116	1.046	1.080	1.161	1.252	1.286	1.367
WCDMA IV_Ant 2	Front	0.683	0.088	0.122	0.196	0.325	1.008	0.771	0.805	0.879	1.096	1.130	1.204
	Back	0.980	0.136	0.170	0.251	0.206	1.186	1.116	1.150	1.231	1.322	1.356	1.437
WCDMA V_Ant 0	Front	0.391	0.088	0.122	0.196	0.325	0.716	0.479	0.513	0.587	0.804	0.838	0.912
	Back	0.426	0.136	0.170	0.251	0.206	0.632	0.562	0.596	0.677	0.768	0.802	0.883
LTE Band 7_Ant 2	Front	0.412	0.088	0.122	0.196	0.325	0.737	0.500	0.534	0.608	0.825	0.859	0.933
	Back	0.729	0.136	0.170	0.251	0.206	0.935	0.865	0.899	0.980	1.071	1.105	1.186
LTE Band 12_Ant 0	Front	0.307	0.088	0.122	0.196	0.325	0.632	0.395	0.429	0.503	0.720	0.754	0.828
	Back	0.425	0.136	0.170	0.251	0.206	0.631	0.561	0.595	0.676	0.767	0.801	0.882
LTE Band 13_Ant 0	Front	0.446	0.088	0.122	0.196	0.325	0.771	0.534	0.568	0.642	0.859	0.893	0.967
	Back	0.483	0.136	0.170	0.251	0.206	0.689	0.619	0.653	0.734	0.825	0.859	0.940
LTE Band 14_Ant 0	Front	0.412	0.088	0.122	0.196	0.325	0.737	0.500	0.534	0.608	0.825	0.859	0.933
	Back	0.574	0.136	0.170	0.251	0.206	0.780	0.710	0.744	0.825	0.916	0.950	1.031
LTE Band 25_Ant 2	Front	0.707	0.088	0.122	0.196	0.325	1.032	0.795	0.829	0.903	1.120	1.154	1.228
	Back	0.872	0.136	0.170	0.251	0.206	1.078	1.008	1.042	1.123	1.214	1.248	1.329
LTE Band 26_Ant 0	Front	0.408	0.088	0.122	0.196	0.325	0.733	0.496	0.530	0.604	0.821	0.855	0.929
	Back	0.438	0.136	0.170	0.251	0.206	0.644	0.574	0.608	0.689	0.780	0.814	0.895
LTE Band 30_Ant 2	Front	0.617	0.088	0.122	0.196	0.325	0.942	0.705	0.739	0.813	1.030	1.064	1.138
	Back	0.936	0.136	0.170	0.251	0.206	1.142	1.072	1.106	1.187	1.278	1.312	1.393
LTE Band 41_Ant 2	Front	0.512	0.088	0.122	0.196	0.325	0.837	0.600	0.634	0.708	0.925	0.959	1.033
	Back	0.786	0.136	0.170	0.251	0.206	0.992	0.922	0.956	1.037	1.128	1.162	1.243
LTE Band 48_Ant 6	Front	0.887	0.088	0.122	0.196	0.325	1.212	0.975	1.009	1.083	1.300	1.334	1.408
	Back	0.439	0.136	0.170	0.251	0.206	0.645	0.575	0.609	0.690	0.781	0.815	0.896
LTE Band 66_Ant 2	Front	0.827	0.088	0.122	0.196	0.325	1.152	0.915	0.949	1.023	1.240	1.274	1.348
	Back	0.933	0.136	0.170	0.251	0.206	1.139	1.069	1.103	1.184	1.275	1.309	1.390
LTE Band 71_Ant 0	Front	0.347	0.088	0.122	0.196	0.325	0.672	0.435	0.469	0.543	0.760	0.794	0.868
	Back	0.483	0.136	0.170	0.251	0.206	0.689	0.619	0.653	0.734	0.825	0.859	0.940
FR1 n5_Ant 0	Front	0.325	0.088	0.122	0.196	0.325	0.650	0.413	0.447	0.521	0.738	0.772	0.846
	Back	0.428	0.136	0.170	0.251	0.206	0.634	0.564	0.598	0.679	0.770	0.804	0.885
FR1 n7_Ant 2	Front	0.501	0.088	0.122	0.196	0.325	0.826	0.589	0.623	0.697	0.914	0.948	1.022
	Back	0.757	0.136	0.170	0.251	0.206	0.963	0.893	0.927	1.008	1.099	1.133	1.214
FR1 n12_Ant 0	Front	0.401	0.088	0.122	0.196	0.325	0.726	0.489	0.523	0.597	0.814	0.848	0.922



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	Back	0.462	0.136	0.170	0.251	0.206	0.668	0.598	0.632	0.713	0.804	0.838	0.919
FR1 n25_Ant 2	Front	0.833	0.088	0.122	0.196	0.325	1.158	0.921	0.955	1.029	1.246	1.280	1.354
	Back	0.990	0.136	0.170	0.251	0.206	1.196	1.126	1.160	1.241	1.332	1.366	1.447
FR1 n30_Ant 2	Front	0.727	0.088	0.122	0.196	0.325	1.052	0.815	0.849	0.923	1.140	1.174	1.248
	Back	0.991	0.136	0.170	0.251	0.206	1.197	1.127	1.161	1.242	1.333	1.367	1.448
FR1 n66_Ant 2	Front	0.747	0.088	0.122	0.196	0.325	1.072	0.835	0.869	0.943	1.160	1.194	1.268
	Back	0.943	0.136	0.170	0.251	0.206	1.149	1.079	1.113	1.194	1.285	1.319	1.400
FR1 n71_Ant 0	Front	0.363	0.088	0.122	0.196	0.325	0.688	0.451	0.485	0.559	0.776	0.810	0.884
	Back	0.447	0.136	0.170	0.251	0.206	0.653	0.583	0.617	0.698	0.789	0.823	0.904
FR1 n77_Ant 6	Front	0.993	0.088	0.122	0.196	0.325	1.318	1.081	1.115	1.189	1.406	1.440	1.514
	Back	0.577	0.136	0.170	0.251	0.206	0.783	0.713	0.747	0.828	0.919	0.953	1.034

<WWAN Index 6, WLAN Index 8>

WWAN Band	Exposure Position	1	2	3	4	5	1+5 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+3+5 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4+3 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)							
GSM850_Ant 1	Front	0.392	0.088	0.122	0.196	0.325	0.717	0.480	0.514	0.588	0.805	0.839	0.913
	Back	0.542	0.136	0.170	0.251	0.206	0.748	0.678	0.712	0.793	0.884	0.918	0.999
GSM1900_Ant 0	Front	0.506	0.088	0.122	0.196	0.325	0.831	0.594	0.628	0.702	0.919	0.953	1.027
	Back	0.994	0.136	0.170	0.251	0.206	1.200	1.130	1.164	1.245	1.336	1.370	1.451
WCDMA II_Ant 0	Front	0.481	0.088	0.122	0.196	0.325	0.806	0.569	0.603	0.677	0.894	0.928	1.002
	Back	0.902	0.136	0.170	0.251	0.206	1.108	1.038	1.072	1.153	1.244	1.278	1.359
WCDMA IV_Ant 0	Front	0.459	0.088	0.122	0.196	0.325	0.784	0.547	0.581	0.655	0.872	0.906	0.980
	Back	0.844	0.136	0.170	0.251	0.206	1.050	0.980	1.014	1.095	1.186	1.220	1.301
WCDMA V_Ant 1	Front	0.246	0.088	0.122	0.196	0.325	0.571	0.334	0.368	0.442	0.659	0.693	0.767
	Back	0.395	0.136	0.170	0.251	0.206	0.601	0.531	0.565	0.646	0.737	0.771	0.852
LTE Band 7_Ant 0	Front	0.437	0.088	0.122	0.196	0.325	0.762	0.525	0.559	0.633	0.850	0.884	0.958
	Back	0.674	0.136	0.170	0.251	0.206	0.880	0.810	0.844	0.925	1.016	1.050	1.131
LTE Band 12_Ant 1	Front	0.190	0.088	0.122	0.196	0.325	0.515	0.278	0.312	0.386	0.603	0.637	0.711
	Back	0.277	0.136	0.170	0.251	0.206	0.483	0.413	0.447	0.528	0.619	0.653	0.734
LTE Band 13_Ant 1	Front	0.217	0.088	0.122	0.196	0.325	0.542	0.305	0.339	0.413	0.630	0.664	0.738
	Back	0.289	0.136	0.170	0.251	0.206	0.495	0.425	0.459	0.540	0.631	0.665	0.746
LTE Band 14_Ant 1	Front	0.233	0.088	0.122	0.196	0.325	0.558	0.321	0.355	0.429	0.646	0.680	0.754
	Back	0.349	0.136	0.170	0.251	0.206	0.555	0.485	0.519	0.600	0.691	0.725	0.806
LTE Band 25_Ant 0	Front	0.510	0.088	0.122	0.196	0.325	0.835	0.598	0.632	0.706	0.923	0.957	1.031
	Back	0.936	0.136	0.170	0.251	0.206	1.142	1.072	1.106	1.187	1.278	1.312	1.393
LTE Band 26_Ant 1	Front	0.210	0.088	0.122	0.196	0.325	0.535	0.298	0.332	0.406	0.623	0.657	0.731
	Back	0.301	0.136	0.170	0.251	0.206	0.507	0.437	0.471	0.552	0.643	0.677	0.758
LTE Band 30_Ant 0	Front	0.523	0.088	0.122	0.196	0.325	0.848	0.611	0.645	0.719	0.936	0.970	1.044
	Back	0.707	0.136	0.170	0.251	0.206	0.913	0.843	0.877	0.958	1.049	1.083	1.164
LTE Band 41_Ant 0	Front	0.414	0.088	0.122	0.196	0.325	0.739	0.502	0.536	0.610	0.827	0.861	0.935
	Back	0.682	0.136	0.170	0.251	0.206	0.888	0.818	0.852	0.933	1.024	1.058	1.139
LTE Band 48_Ant 2	Front	0.336	0.088	0.122	0.196	0.325	0.661	0.424	0.458	0.532	0.749	0.783	0.857
	Back	0.410	0.136	0.170	0.251	0.206	0.616	0.546	0.580	0.661	0.752	0.786	0.867
LTE Band 66_Ant 0	Front	0.551	0.088	0.122	0.196	0.325	0.876	0.639	0.673	0.747	0.964	0.998	1.072
	Back	0.942	0.136	0.170	0.251	0.206	1.148	1.078	1.112	1.193	1.284	1.318	1.399
LTE Band 71_Ant 1	Front	0.180	0.088	0.122	0.196	0.325	0.505	0.268	0.302	0.376	0.593	0.627	0.701
	Back	0.243	0.136	0.170	0.251	0.206	0.449	0.379	0.413	0.494	0.585	0.619	0.700
FR1 n5_Ant 1	Front	0.193	0.088	0.122	0.196	0.325	0.518	0.281	0.315	0.389	0.606	0.640	0.714
	Back	0.322	0.136	0.170	0.251	0.206	0.528	0.458	0.492	0.573	0.664	0.698	0.779
FR1 n7_Ant 0	Front	0.528	0.088	0.122	0.196	0.325	0.853	0.616	0.650	0.724	0.941	0.975	1.049
	Back	0.735	0.136	0.170	0.251	0.206	0.941	0.871	0.905	0.986	1.077	1.111	1.192
FR1 n12_Ant 1	Front	0.153	0.088	0.122	0.196	0.325	0.478	0.241	0.275	0.349	0.566	0.600	0.674
	Back	0.249	0.136	0.170	0.251	0.206	0.455	0.385	0.419	0.500	0.591	0.625	0.706



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FR1 n25_Ant 0	Front	0.550	0.088	0.122	0.196	0.325	0.875	0.638	0.672	0.746	0.963	0.997	1.071
	Back	0.972	0.136	0.170	0.251	0.206	1.178	1.108	1.142	1.223	1.314	1.348	1.429
FR1 n30_Ant 0	Front	0.502	0.088	0.122	0.196	0.325	0.827	0.590	0.624	0.698	0.915	0.949	1.023
	Back	0.766	0.136	0.170	0.251	0.206	0.972	0.902	0.936	1.017	1.108	1.142	1.223
FR1 n66_Ant 0	Front	0.506	0.088	0.122	0.196	0.325	0.831	0.594	0.628	0.702	0.919	0.953	1.027
	Back	0.886	0.136	0.170	0.251	0.206	1.092	1.022	1.056	1.137	1.228	1.262	1.343
FR1 n71_Ant 1	Front	0.147	0.088	0.122	0.196	0.325	0.472	0.235	0.269	0.343	0.560	0.594	0.668
	Back	0.193	0.136	0.170	0.251	0.206	0.399	0.329	0.363	0.444	0.535	0.569	0.650
FR1 n77_Ant 2	Front	0.754	0.088	0.122	0.196	0.325	1.079	0.842	0.876	0.950	1.167	1.201	1.275
	Back	0.980	0.136	0.170	0.251	0.206	1.186	1.116	1.150	1.231	1.322	1.356	1.437

<WWAN Index 6, WLAN Index 9, BT Index 3>

WWAN Band	Exposure Position	1	5	6	7	8	1+6 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+8 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+5+8 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)							
GSM850_Ant 0	Front	0.476	0.440	0.055	0.070	0.050	0.531	0.546	0.526	0.971	0.986	0.966	0.916
	Back	0.710	0.314	0.079	0.091	0.137	0.789	0.801	0.847	1.103	1.115	1.161	1.024
GSM1900_Ant 2	Front	0.727	0.440	0.055	0.070	0.050	0.782	0.797	0.777	1.222	1.237	1.217	1.167
	Back	0.962	0.314	0.079	0.091	0.137	1.041	1.053	1.099	1.355	1.367	1.413	1.276
WCDMA II_Ant 2	Front	0.622	0.440	0.055	0.070	0.050	0.677	0.692	0.672	1.117	1.132	1.112	1.062
	Back	0.910	0.314	0.079	0.091	0.137	0.989	1.001	1.047	1.303	1.315	1.361	1.224
WCDMA IV_Ant 2	Front	0.683	0.440	0.055	0.070	0.050	0.738	0.753	0.733	1.178	1.193	1.173	1.123
	Back	0.980	0.314	0.079	0.091	0.137	1.059	1.071	1.117	1.373	1.385	1.431	1.294
WCDMA V_Ant 0	Front	0.391	0.440	0.055	0.070	0.050	0.446	0.461	0.441	0.886	0.901	0.881	0.831
	Back	0.426	0.314	0.079	0.091	0.137	0.505	0.517	0.563	0.819	0.831	0.877	0.740
LTE Band 7_Ant 2	Front	0.412	0.440	0.055	0.070	0.050	0.467	0.482	0.462	0.907	0.922	0.902	0.852
	Back	0.729	0.314	0.079	0.091	0.137	0.808	0.820	0.866	1.122	1.134	1.180	1.043
LTE Band 12_Ant 0	Front	0.307	0.440	0.055	0.070	0.050	0.362	0.377	0.357	0.802	0.817	0.797	0.747
	Back	0.425	0.314	0.079	0.091	0.137	0.504	0.516	0.562	0.818	0.830	0.876	0.739
LTE Band 13_Ant 0	Front	0.446	0.440	0.055	0.070	0.050	0.501	0.516	0.496	0.941	0.956	0.936	0.886
	Back	0.483	0.314	0.079	0.091	0.137	0.562	0.574	0.620	0.876	0.888	0.934	0.797
LTE Band 14_Ant 0	Front	0.412	0.440	0.055	0.070	0.050	0.467	0.482	0.462	0.907	0.922	0.902	0.852
	Back	0.574	0.314	0.079	0.091	0.137	0.653	0.665	0.711	0.967	0.979	1.025	0.888
LTE Band 25_Ant 2	Front	0.707	0.440	0.055	0.070	0.050	0.762	0.777	0.757	1.202	1.217	1.197	1.147
	Back	0.872	0.314	0.079	0.091	0.137	0.951	0.963	1.009	1.265	1.277	1.323	1.186
LTE Band 26_Ant 0	Front	0.408	0.440	0.055	0.070	0.050	0.463	0.478	0.458	0.903	0.918	0.898	0.848
	Back	0.438	0.314	0.079	0.091	0.137	0.517	0.529	0.575	0.831	0.843	0.889	0.752
LTE Band 30_Ant 2	Front	0.617	0.440	0.055	0.070	0.050	0.672	0.687	0.667	1.112	1.127	1.107	1.057
	Back	0.936	0.314	0.079	0.091	0.137	1.015	1.027	1.073	1.329	1.341	1.387	1.250
LTE Band 41_Ant 2	Front	0.512	0.440	0.055	0.070	0.050	0.567	0.582	0.562	1.007	1.022	1.002	0.952
	Back	0.786	0.314	0.079	0.091	0.137	0.865	0.877	0.923	1.179	1.191	1.237	1.100
LTE Band 48_Ant 6	Front	0.887	0.440	0.055	0.070	0.050	0.942	0.957	0.937	1.382	1.397	1.377	1.327
	Back	0.439	0.314	0.079	0.091	0.137	0.518	0.530	0.576	0.832	0.844	0.890	0.753
LTE Band 66_Ant 2	Front	0.827	0.440	0.055	0.070	0.050	0.882	0.897	0.877	1.322	1.337	1.317	1.267
	Back	0.933	0.314	0.079	0.091	0.137	1.012	1.024	1.070	1.326	1.338	1.384	1.247
LTE Band 71_Ant 0	Front	0.347	0.440	0.055	0.070	0.050	0.402	0.417	0.397	0.842	0.857	0.837	0.787
	Back	0.483	0.314	0.079	0.091	0.137	0.562	0.574	0.620	0.876	0.888	0.934	0.797
FR1 n5_Ant 0	Front	0.325	0.440	0.055	0.070	0.050	0.380	0.395	0.375	0.820	0.835	0.815	0.765
	Back	0.428	0.314	0.079	0.091	0.137	0.507	0.519	0.565	0.821	0.833	0.879	0.742
FR1 n7_Ant 2	Front	0.501	0.440	0.055	0.070	0.050	0.556	0.571	0.551	0.996	1.011	0.991	0.941
	Back	0.757	0.314	0.079	0.091	0.137	0.836	0.848	0.894	1.150	1.162	1.208	1.071
FR1 n12_Ant 0	Front	0.401	0.440	0.055	0.070	0.050	0.456	0.471	0.451	0.896	0.911	0.891	0.841
	Back	0.462	0.314	0.079	0.091	0.137	0.541	0.553	0.599	0.855	0.867	0.913	0.776
FR1 n25_Ant 2	Front	0.833	0.440	0.055	0.070	0.050	0.888	0.903	0.883	1.328	1.343	1.323	1.273



FR1 n30_Ant 2	Back	0.990	0.314	0.079	0.091	0.137	1.069	1.081	1.127	1.383	1.395	1.441	1.304
	Front	0.727	0.440	0.055	0.070	0.050	0.782	0.797	0.777	1.222	1.237	1.217	1.167
FR1 n66_Ant 2	Back	0.991	0.314	0.079	0.091	0.137	1.070	1.082	1.128	1.384	1.396	1.442	1.305
	Front	0.747	0.440	0.055	0.070	0.050	0.802	0.817	0.797	1.242	1.257	1.237	1.187
FR1 n71_Ant 0	Back	0.943	0.314	0.079	0.091	0.137	1.022	1.034	1.080	1.336	1.348	1.394	1.257
	Front	0.363	0.440	0.055	0.070	0.050	0.418	0.433	0.413	0.858	0.873	0.853	0.803
FR1 n77_Ant 6	Back	0.447	0.314	0.079	0.091	0.137	0.526	0.538	0.584	0.840	0.852	0.898	0.761
	Front	0.993	0.440	0.055	0.070	0.050	1.048	1.063	1.043	1.488	1.503	1.483	1.433
	Back	0.577	0.314	0.079	0.091	0.137	0.656	0.668	0.714	0.970	0.982	1.028	0.891

<WWAN Index 6, WLAN Index 9, BT Index 3>

WWAN Band	Exposure Position	1	5	6	7	8	1+6 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+8 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+5+8 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	WLAN5/6GHz Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)							
GSM850_Ant 1	Front	0.392	0.440	0.055	0.070	0.050	0.447	0.462	0.442	0.887	0.902	0.882	0.832
	Back	0.542	0.314	0.079	0.091	0.137	0.621	0.633	0.679	0.935	0.947	0.993	0.856
GSM1900_Ant 0	Front	0.506	0.440	0.055	0.070	0.050	0.561	0.576	0.556	1.001	1.016	0.996	0.946
	Back	0.994	0.314	0.079	0.091	0.137	1.073	1.085	1.131	1.387	1.399	1.445	1.308
WCDMA II_Ant 0	Front	0.481	0.440	0.055	0.070	0.050	0.536	0.551	0.531	0.976	0.991	0.971	0.921
	Back	0.902	0.314	0.079	0.091	0.137	0.981	0.993	1.039	1.295	1.307	1.353	1.216
WCDMA IV_Ant 0	Front	0.459	0.440	0.055	0.070	0.050	0.514	0.529	0.509	0.954	0.969	0.949	0.899
	Back	0.844	0.314	0.079	0.091	0.137	0.923	0.935	0.981	1.237	1.249	1.295	1.158
WCDMA V_Ant 1	Front	0.246	0.440	0.055	0.070	0.050	0.301	0.316	0.296	0.741	0.756	0.736	0.686
	Back	0.395	0.314	0.079	0.091	0.137	0.474	0.486	0.532	0.788	0.800	0.846	0.709
LTE Band 7_Ant 0	Front	0.437	0.440	0.055	0.070	0.050	0.492	0.507	0.487	0.932	0.947	0.927	0.877
	Back	0.674	0.314	0.079	0.091	0.137	0.753	0.765	0.811	1.067	1.079	1.125	0.988
LTE Band 12_Ant 1	Front	0.190	0.440	0.055	0.070	0.050	0.245	0.260	0.240	0.685	0.700	0.680	0.630
	Back	0.277	0.314	0.079	0.091	0.137	0.356	0.368	0.414	0.670	0.682	0.728	0.591
LTE Band 13_Ant 1	Front	0.217	0.440	0.055	0.070	0.050	0.272	0.287	0.267	0.712	0.727	0.707	0.657
	Back	0.289	0.314	0.079	0.091	0.137	0.368	0.380	0.426	0.682	0.694	0.740	0.603
LTE Band 14_Ant 1	Front	0.233	0.440	0.055	0.070	0.050	0.288	0.303	0.283	0.728	0.743	0.723	0.673
	Back	0.349	0.314	0.079	0.091	0.137	0.428	0.440	0.486	0.742	0.754	0.800	0.663
LTE Band 25_Ant 0	Front	0.510	0.440	0.055	0.070	0.050	0.565	0.580	0.560	1.005	1.020	1.000	0.950
	Back	0.936	0.314	0.079	0.091	0.137	1.015	1.027	1.073	1.329	1.341	1.387	1.250
LTE Band 26_Ant 1	Front	0.210	0.440	0.055	0.070	0.050	0.265	0.280	0.260	0.705	0.720	0.700	0.650
	Back	0.301	0.314	0.079	0.091	0.137	0.380	0.392	0.438	0.694	0.706	0.752	0.615
LTE Band 30_Ant 0	Front	0.523	0.440	0.055	0.070	0.050	0.578	0.593	0.573	1.018	1.033	1.013	0.963
	Back	0.707	0.314	0.079	0.091	0.137	0.786	0.798	0.844	1.100	1.112	1.158	1.021
LTE Band 41_Ant 0	Front	0.414	0.440	0.055	0.070	0.050	0.469	0.484	0.464	0.909	0.924	0.904	0.854
	Back	0.682	0.314	0.079	0.091	0.137	0.761	0.773	0.819	1.075	1.087	1.133	0.996
LTE Band 48_Ant 2	Front	0.336	0.440	0.055	0.070	0.050	0.391	0.406	0.386	0.831	0.846	0.826	0.776
	Back	0.410	0.314	0.079	0.091	0.137	0.489	0.501	0.547	0.803	0.815	0.861	0.724
LTE Band 66_Ant 0	Front	0.551	0.440	0.055	0.070	0.050	0.606	0.621	0.601	1.046	1.061	1.041	0.991
	Back	0.942	0.314	0.079	0.091	0.137	1.021	1.033	1.079	1.335	1.347	1.393	1.256
LTE Band 71_Ant 1	Front	0.180	0.440	0.055	0.070	0.050	0.235	0.250	0.230	0.675	0.690	0.670	0.620
	Back	0.243	0.314	0.079	0.091	0.137	0.322	0.334	0.380	0.636	0.648	0.694	0.557
FR1 n5_Ant 1	Front	0.193	0.440	0.055	0.070	0.050	0.248	0.263	0.243	0.688	0.703	0.683	0.633
	Back	0.322	0.314	0.079	0.091	0.137	0.401	0.413	0.459	0.715	0.727	0.773	0.636
FR1 n7_Ant 0	Front	0.528	0.440	0.055	0.070	0.050	0.583	0.598	0.578	1.023	1.038	1.018	0.968
	Back	0.735	0.314	0.079	0.091	0.137	0.814	0.826	0.872	1.128	1.140	1.186	1.049
FR1 n12_Ant 1	Front	0.153	0.440	0.055	0.070	0.050	0.208	0.223	0.203	0.648	0.663	0.643	0.593
	Back	0.249	0.314	0.079	0.091	0.137	0.328	0.340	0.386	0.642	0.654	0.700	0.563
FR1 n25_Ant 0	Front	0.550	0.440	0.055	0.070	0.050	0.605	0.620	0.600	1.045	1.060	1.040	0.990
	Back	0.972	0.314	0.079	0.091	0.137	1.051	1.063	1.109	1.365	1.377	1.423	1.286



FR1 n30_Ant 0	Front	0.502	0.440	0.055	0.070	0.050	0.557	0.572	0.552	0.997	1.012	0.992	0.942
	Back	0.766	0.314	0.079	0.091	0.137	0.845	0.857	0.903	1.159	1.171	1.217	1.080
FR1 n66_Ant 0	Front	0.506	0.440	0.055	0.070	0.050	0.561	0.576	0.556	1.001	1.016	0.996	0.946
	Back	0.886	0.314	0.079	0.091	0.137	0.965	0.977	1.023	1.279	1.291	1.337	1.200
FR1 n71_Ant 1	Front	0.147	0.440	0.055	0.070	0.050	0.202	0.217	0.197	0.642	0.657	0.637	0.587
	Back	0.193	0.314	0.079	0.091	0.137	0.272	0.284	0.330	0.586	0.598	0.644	0.507
FR1 n77_Ant 2	Front	0.754	0.440	0.055	0.070	0.050	0.809	0.824	0.804	1.249	1.264	1.244	1.194
	Back	0.980	0.314	0.079	0.091	0.137	1.059	1.071	1.117	1.373	1.385	1.431	1.294

<WWAN Index 6, BT Index 2>

WWAN Band	Exposure Position	1	6	7	8	1+6 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+8 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)			
GSM850_Ant 0	Front	0.476	0.220	0.126	0.098	0.696	0.602	0.574
	Back	0.710	0.339	0.353	0.156	1.049	1.063	0.866
GSM1900_Ant 2	Front	0.727	0.220	0.126	0.098	0.947	0.853	0.825
	Back	0.962	0.339	0.353	0.156	1.301	1.315	1.118
WCDMA II_Ant 2	Front	0.622	0.220	0.126	0.098	0.842	0.748	0.720
	Back	0.910	0.339	0.353	0.156	1.249	1.263	1.066
WCDMA IV_Ant 2	Front	0.683	0.220	0.126	0.098	0.903	0.809	0.781
	Back	0.980	0.339	0.353	0.156	1.319	1.333	1.136
WCDMA V_Ant 0	Front	0.391	0.220	0.126	0.098	0.611	0.517	0.489
	Back	0.426	0.339	0.353	0.156	0.765	0.779	0.582
LTE Band 7_Ant 2	Front	0.412	0.220	0.126	0.098	0.632	0.538	0.510
	Back	0.729	0.339	0.353	0.156	1.068	1.082	0.885
LTE Band 12_Ant 0	Front	0.307	0.220	0.126	0.098	0.527	0.433	0.405
	Back	0.425	0.339	0.353	0.156	0.764	0.778	0.581
LTE Band 13_Ant 0	Front	0.446	0.220	0.126	0.098	0.666	0.572	0.544
	Back	0.483	0.339	0.353	0.156	0.822	0.836	0.639
LTE Band 14_Ant 0	Front	0.412	0.220	0.126	0.098	0.632	0.538	0.510
	Back	0.574	0.339	0.353	0.156	0.913	0.927	0.730
LTE Band 25_Ant 2	Front	0.707	0.220	0.126	0.098	0.927	0.833	0.805
	Back	0.872	0.339	0.353	0.156	1.211	1.225	1.028
LTE Band 26_Ant 0	Front	0.408	0.220	0.126	0.098	0.628	0.534	0.506
	Back	0.438	0.339	0.353	0.156	0.777	0.791	0.594
LTE Band 30_Ant 2	Front	0.617	0.220	0.126	0.098	0.837	0.743	0.715
	Back	0.936	0.339	0.353	0.156	1.275	1.289	1.092
LTE Band 41_Ant 2	Front	0.512	0.220	0.126	0.098	0.732	0.638	0.610
	Back	0.786	0.339	0.353	0.156	1.125	1.139	0.942
LTE Band 48_Ant 6	Front	0.887	0.220	0.126	0.098	1.107	1.013	0.985
	Back	0.439	0.339	0.353	0.156	0.778	0.792	0.595
LTE Band 66_Ant 2	Front	0.827	0.220	0.126	0.098	1.047	0.953	0.925
	Back	0.933	0.339	0.353	0.156	1.272	1.286	1.089
LTE Band 71_Ant 0	Front	0.347	0.220	0.126	0.098	0.567	0.473	0.445
	Back	0.483	0.339	0.353	0.156	0.822	0.836	0.639
FR1 n5_Ant 0	Front	0.325	0.220	0.126	0.098	0.545	0.451	0.423
	Back	0.428	0.339	0.353	0.156	0.767	0.781	0.584
FR1 n7_Ant 2	Front	0.501	0.220	0.126	0.098	0.721	0.627	0.599
	Back	0.757	0.339	0.353	0.156	1.096	1.110	0.913
FR1 n12_Ant 0	Front	0.401	0.220	0.126	0.098	0.621	0.527	0.499
	Back	0.462	0.339	0.353	0.156	0.801	0.815	0.618
FR1 n25_Ant 2	Front	0.833	0.220	0.126	0.098	1.053	0.959	0.931
	Back	0.990	0.339	0.353	0.156	1.329	1.343	1.146
FR1 n30_Ant 2	Front	0.727	0.220	0.126	0.098	0.947	0.853	0.825
	Back	0.991	0.339	0.353	0.156	1.330	1.344	1.147
FR1 n66_Ant 2	Front	0.747	0.220	0.126	0.098	0.967	0.873	0.845
	Back	0.943	0.339	0.353	0.156	1.282	1.296	1.099



FR1 n71_Ant 0	Front	0.363	0.220	0.126	0.098	0.583	0.489	0.461
	Back	0.447	0.339	0.353	0.156	0.786	0.800	0.603
FR1 n77_Ant 6	Front	0.993	0.220	0.126	0.098	1.213	1.119	1.091
	Back	0.577	0.339	0.353	0.156	0.916	0.930	0.733

<WWAN Index 6, BT Index 2>

WWAN Band	Exposure Position	1	6	7	8	1+6 Summed 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	1+8 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)			
GSM850_Ant 1	Front	0.392	0.220	0.126	0.098	0.612	0.518	0.490
	Back	0.542	0.339	0.353	0.156	0.881	0.895	0.698
GSM1900_Ant 0	Front	0.506	0.220	0.126	0.098	0.726	0.632	0.604
	Back	0.994	0.339	0.353	0.156	1.333	1.347	1.150
WCDMA II_Ant 0	Front	0.481	0.220	0.126	0.098	0.701	0.607	0.579
	Back	0.902	0.339	0.353	0.156	1.241	1.255	1.058
WCDMA IV_Ant 0	Front	0.459	0.220	0.126	0.098	0.679	0.585	0.557
	Back	0.844	0.339	0.353	0.156	1.183	1.197	1.000
WCDMA V_Ant 1	Front	0.246	0.220	0.126	0.098	0.466	0.372	0.344
	Back	0.395	0.339	0.353	0.156	0.734	0.748	0.551
LTE Band 7_Ant 0	Front	0.437	0.220	0.126	0.098	0.657	0.563	0.535
	Back	0.674	0.339	0.353	0.156	1.013	1.027	0.830
LTE Band 12_Ant 1	Front	0.190	0.220	0.126	0.098	0.410	0.316	0.288
	Back	0.277	0.339	0.353	0.156	0.616	0.630	0.433
LTE Band 13_Ant 1	Front	0.217	0.220	0.126	0.098	0.437	0.343	0.315
	Back	0.289	0.339	0.353	0.156	0.628	0.642	0.445
LTE Band 14_Ant 1	Front	0.233	0.220	0.126	0.098	0.453	0.359	0.331
	Back	0.349	0.339	0.353	0.156	0.688	0.702	0.505
LTE Band 25_Ant 0	Front	0.510	0.220	0.126	0.098	0.730	0.636	0.608
	Back	0.936	0.339	0.353	0.156	1.275	1.289	1.092
LTE Band 26_Ant 1	Front	0.210	0.220	0.126	0.098	0.430	0.336	0.308
	Back	0.301	0.339	0.353	0.156	0.640	0.654	0.457
LTE Band 30_Ant 0	Front	0.523	0.220	0.126	0.098	0.743	0.649	0.621
	Back	0.707	0.339	0.353	0.156	1.046	1.060	0.863
LTE Band 41_Ant 0	Front	0.414	0.220	0.126	0.098	0.634	0.540	0.512
	Back	0.682	0.339	0.353	0.156	1.021	1.035	0.838
LTE Band 48_Ant 2	Front	0.336	0.220	0.126	0.098	0.556	0.462	0.434
	Back	0.410	0.339	0.353	0.156	0.749	0.763	0.566
LTE Band 66_Ant 0	Front	0.551	0.220	0.126	0.098	0.771	0.677	0.649
	Back	0.942	0.339	0.353	0.156	1.281	1.295	1.098
LTE Band 71_Ant 1	Front	0.180	0.220	0.126	0.098	0.400	0.306	0.278
	Back	0.243	0.339	0.353	0.156	0.582	0.596	0.399
FR1 n5_Ant 1	Front	0.193	0.220	0.126	0.098	0.413	0.319	0.291
	Back	0.322	0.339	0.353	0.156	0.661	0.675	0.478
FR1 n7_Ant 0	Front	0.528	0.220	0.126	0.098	0.748	0.654	0.626
	Back	0.735	0.339	0.353	0.156	1.074	1.088	0.891
FR1 n12_Ant 1	Front	0.153	0.220	0.126	0.098	0.373	0.279	0.251
	Back	0.249	0.339	0.353	0.156	0.588	0.602	0.405
FR1 n25_Ant 0	Front	0.550	0.220	0.126	0.098	0.770	0.676	0.648
	Back	0.972	0.339	0.353	0.156	1.311	1.325	1.128
FR1 n30_Ant 0	Front	0.502	0.220	0.126	0.098	0.722	0.628	0.600
	Back	0.766	0.339	0.353	0.156	1.105	1.119	0.922
FR1 n66_Ant 0	Front	0.506	0.220	0.126	0.098	0.726	0.632	0.604
	Back	0.886	0.339	0.353	0.156	1.225	1.239	1.042
FR1 n71_Ant 1	Front	0.147	0.220	0.126	0.098	0.367	0.273	0.245
	Back	0.193	0.339	0.353	0.156	0.532	0.546	0.349
FR1 n77_Ant 2	Front	0.754	0.220	0.126	0.098	0.974	0.880	0.852
	Back	0.980	0.339	0.353	0.156	1.319	1.333	1.136



6.5 Product Specific Exposure Conditions

WWAN Band	Exposure Position	1	2	1+2 Summed 10g SAR (W/kg)
		WWAN 10g SAR (W/kg)	WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	
GSM1900_Ant 2	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033
	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	1.948		1.948
WCDMA II_Ant 2	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033
	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	1.644		1.644
WCDMA IV_Ant 2	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033
	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	2.934		2.934
WCDMA IV_Ant 0	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033
	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	2.086		2.086
LTE Band 25_Ant 2	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033
	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	2.083		2.083
LTE Band 66_Ant 2	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033
	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	2.910		2.910
FR1 n25_Ant 2	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033
	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	1.876		1.876
FR1 n66_Ant 2	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033
	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	2.981		2.981
FR1 n66_Ant 0	Front		2.339	2.339
	Back		1.367	1.367
	Left side		1.033	1.033



	Right side		0.433	0.433
	Top side		0.305	0.305
	Bottom side	2.159		2.159

WWAN Band	Exposure Position	1	2	1+2 Summed 10g SAR (W/kg)
		WWAN 10g SAR (W/kg)	WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	
GSM1900_Ant 2	Front		1.097	1.097
	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	1.948		1.948
WCDMA II_Ant 2	Front		1.097	1.097
	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	1.644		1.644
WCDMA IV_Ant 2	Front		1.097	1.097
	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	2.934		2.934
WCDMA IV_Ant 0	Front		1.097	1.097
	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	2.086		2.086
LTE Band 25_Ant 2	Front		1.097	1.097
	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	2.083		2.083
LTE Band 66_Ant 2	Front		1.097	1.097
	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	2.910		2.910
FR1 n25_Ant 2	Front		1.097	1.097
	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	1.876		1.876
FR1 n66_Ant 2	Front		1.097	1.097
	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	2.981		2.981
FR1 n66_Ant 0	Front		1.097	1.097



	Back		0.627	0.627
	Left side		0.378	0.378
	Right side		0.264	0.264
	Top side		0.166	0.166
	Bottom side	2.159		2.159

<WWAN Index 5, WLAN Index 8>

WWAN Band	Exposure Position	1	2	1+2 Summed 10g SAR (W/kg)
		WWAN 10g SAR (W/kg)	WLAN5/6GHz Ant 4+3 10g SAR (W/kg)	
GSM1900_Ant 2	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390
	Top side		0.196	0.196
	Bottom side	1.948		1.948
WCDMA II_Ant 2	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390
	Top side		0.196	0.196
	Bottom side	1.644		1.644
WCDMA IV_Ant 2	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390
	Top side		0.196	0.196
	Bottom side	2.934		2.934
WCDMA IV_Ant 0	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390
	Top side		0.196	0.196
	Bottom side	2.086		2.086
LTE Band 25_Ant 2	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390
	Top side		0.196	0.196
	Bottom side	2.083		2.083
LTE Band 66_Ant 2	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390
	Top side		0.196	0.196
	Bottom side	2.910		2.910
FR1 n25_Ant 2	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390
	Top side		0.196	0.196
	Bottom side	1.876		1.876
FR1 n66_Ant 2	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390



	Top side		0.196	0.196
	Bottom side	2.981		2.981
FR1 n66_Ant 0	Front		1.378	1.378
	Back		0.901	0.901
	Left side		0.426	0.426
	Right side		0.390	0.390
	Top side		0.196	0.196
	Bottom side	2.159		2.159



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