FCC SAR TEST REPORT

FCC ID	:	**A4RGR83Y**
Equipment	:	**Phone**
Model Name	:	**GR83Y**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	:	**FCC 47 CFR Part 2 (2.1093)**

The product was received on Dec. 28, 2023 and testing was started from Feb. 14, 2024 and completed on May 02, 2024. 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. Laboratory, the test report shall not be reproduced except in full.

Cona Huang

Approved by: Cona Huang / Deputy Manager

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History of this test report

Report No.	Version	Description	Issued Date
FA3N2325D	01	Initial issue of report	May 03, 2024
FA3N2325D	02	Update section 2.2, 14.2, appendix A/B/C/D/F/G	May 06, 2024
FA3N2325D	03	Update section 2.2, and Appendix D-2	May 27, 2024

1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for Google LLC, Phone, GR83Y, 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	0.92	0.72	0.60		1.59	2.51
	GSM1900	0.81	0.64	0.76	2.48		
	WCDMA B2	0.82	0.91	0.85	2.44		
	WCDMA B4	0.56	0.82	0.83			
	WCDMA B5	0.91	0.71	0.66			
	LTE B7	0.79	0.67	0.75			
	LTE B12/B17	0.91	0.46	0.53			
	LTE B13	0.88	0.55	0.72			
	LTE B14	0.90	0.62	0.62			
	LTE B25/B2	0.91	0.98	0.72			
	LTE B26/B5	0.91	0.79	0.75			
	LTE B30	0.71	0.80	0.85	2.44		
	LTE B41/B38	0.83	0.92	0.79			
	LTE B48	0.23	0.60	0.61			
	LTE B66/B4	0.87	0.99	0.84			
	LTE B71	0.92	0.48	0.48			
	FR1 n7	0.81	0.69	0.85			
	FR1 n12	0.92	0.39	0.56			
	FR1 n14	0.87	0.56	0.56			
	FR1 n25/n2	0.87	0.98	0.85			
	FR1 n26/n5	0.92	0.73	0.73			
	FR1 n30	0.69	0.71	0.85			
	FR1 n41/n38	0.92	0.82	0.78			
	FR1 n48	0.86	0.57	0.67			
	FR1 n66	0.86	0.88	0.82			
	FR1 n70	0.40	0.65	0.83			
	FR1 n71	0.92	0.44	0.48			
	FR1 n77/n78	0.99	0.66	0.61			
	NTN B23		0.43		1.83		
	NTN B255		0.09		0.84		
DTS	2.4GHz WLAN	1.12	0.85	0.45		1.59	
NII	5GHz WLAN	1.13	0.49	0.46	1.97	1.59	2.51
6CD	6GHz WLAN	0.63	0.14		0.36	1.59	2.51
DSS	Bluetooth	0.19	0.27	0.22		1.58	
DTS	Thread	0.16	0.25	0.16		1.58	
DXX	NFC				0.09		2.51

Equipment Class	Frequency Band	Head	Body-worn	Product Specific	Reported PD (mW/cm^2)
		Reported APD (mW/cm^2)	Reported APD (mW/cm^2)	Reported APD (mW/cm^2)	
6CD	6GHz WLAN	0.47	0.11	0.86	0.79
Date of Testing:		2024/02/14 ~ 2024/5/2			

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation 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	GR83Y
FCC ID	A4RGR83Y
S/N	41031FDAP000AM 41031FDAP0009N 41031FDAP0008T
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 n14 : 788 MHz ~ 798 MHz 5G NR n25 : 1850 MHz ~ 1915 MHz 5G NR n26 : 814 MHz ~ 849 MHz 5G NR n30 : 2305 MHz ~ 2315 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n48 : 3550 MHz ~ 3700 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n70 : 1695 MHz ~ 1710 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n77: 3700 MHz ~ 3980 MHz, 3450MHz ~ 3550MHz 5G NR n78: 3700 MHz ~ 3800 MHz, 3450MHz ~ 3550MHz 5G NR n258 : 24.25 GHz~24.45 GHz, 24.75GHz ~25.25GHz 5G NR n260 : 37 GHz~40 GHz 5G NR n261 : 27.5 GHz~28.35 GHz NTN Band23: 2000 MHz ~2020 MHz NTN Band255: 1626.5 MHz ~ 1660.5 MHz 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 5.9 GHz 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 WPC: 110 kHz ~ 148.5 kHz UWB: 6489.6 MHz, 7987.2 MHz Thread: 2405 MHz ~ 2480 MHz

Mode	GSM/GPRS/EGPRS UMTS: 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 NTN: BPSK,QPSK WLAN:802.11a/b/g/n/ac/ax/be HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160/EHT20/EHT40/EHT80/EHT160 Bluetooth BR/EDR/LE/CS NFC: ASK WPC: ASK UWB: BPM-BPSK/HPSK Thread: QPSK
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:

1. Dynamic antenna tuning mechanism is available at Ant. 0/1/2, for its < 3GHz LTE and NR band, and the supplemental antenna tuner test results were include in appendix G, details are illustrated in the operational description.
2. This device WLAN 2.4GHz / 5.2GHz and 5.8GHz supports Hotspot operation and Bluetooth support tethering applications.
3. The device implements the power management and sensor detection for SAR compliance at different exposure conditions (head, body-worn, hotspot and product specific, the TAS feature will manage to ensure the power level not exceeding the associated power table. Also device implement Spatial TAS predefine antenna group to analysis simultaneous transmission include in appendix F.
4. The device implements the sensor detection for SAR compliance and the power verification include in appendix E.
5. The device additionally support uplink MIMO on n41/n48/n77/n77, due to UL MIMO antenna operating on different antenna groups, therefore TAS validation is not required.
6. The PC1.5 only support uplink MIMO.
7. The UWB output power is -12.1dBm and it is less than 1mW and exempt from power density testing.

2.2 Maximum Tune-up Limit

General Note:

1. In the report PC3 as power class3, PC2 as power class2, PC1.5 as power class1.5.
2. For each cellular band, the device has several WWAN antennas, the antenna selection is based on the connection quality condition.
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. In some frequency bands, for some power indexes which associate with the same power level, conducted power measurement for those only need to perform at once. Detail output power measurement refer to appendix D.
4. The index 1 is for the max power conditions, and the use case were evaluated in appendix G.
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.
6. The PC1.5 NR SAR was not required, due to PC1.5 operate in the time-averaged and burst transmission power is less than PC2, therefore, only PC2 was performed on the highest SAR test configuration in PC3, and use PC3 power level and SAR to estimated PC2 SAR linearly, and check if the deviation from the measured PC2 SAR is <10%.
7. Thread only transmit on antenna 3 and cannot not transmit with Bluetooth at same time.

Antenna configuration	
Transmit switching diversity configuration	Support transmit antenna and band
TX 0	ANT 0: GSM850, UMTS B5, LTE B5/B12/B13/B14/B17/B26/B71, NR n5/n12/n14/n26/n71 ANT 1: LTE B2/B4/B25/B66, NR n2/n25/n38/n41/n48/n66/n77/n78, NTN B23 ANT 2: GSM1900, UMTS B2/B4, LTE B2/B4/B7/B25/B30/B38/B41/B66, NR n2/n7/n25/n30/n38/n41/n66/n70 ANT 6: LTE B48, NR n48/n77/n78
TX 1	ANT 0: GSM1900, UMTS B2/B4, LTE B2/B4/B7/B25/B30/B38/B41/B66, NR n2/n7/n25/n30/n38/n41/n66/n70 ANT 1: GSM850, UMTS B5, LTE B5/B12/B13/B14/B17/B26/B71, NR n5/n12/n14/n26/n71 ANT 5: LTE B2/B4/B25/B66, NR n2/n25n38/n41/n48/n66/n77/n78, NTN B255 ANT 7: LTE B48, NR n48/n77/n78

Maximum Transmit Burst Average Power (dBm)								
Band	Antenna	Duty cycle	Maximum Power Condition	Head	Head	Hotspot	Body-worn/ Extremity	Body-worn/ Extremity
				Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous
			Index 1	Index 2	Index 3	Index 4	Index 5	Index 6
GSM850 GSM/GPRS 1TX	0	12.50%	33.5	33.5	33.5	33.5	33.5	33.5
GSM850 GPRS 2TX	0	25.00%	32.5	32.3	31.6	30.8	31.6	30.9
GSM850 GPRS 3TX	0	37.50%	31.5	30.5	29.8	29	29.8	29.1
GSM850 GPRS 4TX	0	50.00%	30.5	29.3	28.6	27.8	28.6	27.9
GSM850 EDGE 1TX	0	12.50%	27.5	27.5	27.5	27.5	27.5	27.5
GSM850 EDGE 2TX	0	25.00%	26.5	26.5	26.5	26.5	26.5	26.5
GSM850 EDGE 3TX	0	37.50%	25.5	25.5	25.5	25.5	25.5	25.5
GSM850 EDGE 4TX	0	50.00%	24.5	24.5	24.5	24.5	24.5	24.5
GSM1900 GSM/GPRS 1TX	2	12.50%	30.5	30.5	30.5	30.5	30.5	30.5
GSM1900 GPRS 2TX	2	25.00%	29	29	29	27.7	28.4	27.7
GSM1900 GPRS 3TX	2	37.50%	28.5	28.5	28.1	25.9	26.6	25.9
GSM1900 GPRS 4TX	2	50.00%	27.5	27.5	26.9	24.7	25.4	24.7
GSM1900 EDGE 1TX	2	12.50%	26.5	26.5	26.5	26.5	26.5	26.5
GSM1900 EDGE 2TX	2	25.00%	25.5	25.5	25.5	25.5	25.5	25.5
GSM1900 EDGE 3TX	2	37.50%	24.5	24.5	24.5	24.5	24.5	24.5
GSM1900 EDGE 4TX	2	50.00%	23.5	23.5	23.5	23.5	23.5	23.5
WCDMA B2	2	100.00%	25	25	24.4	21.6	22.3	21.6
WCDMA B4	2	100.00%	25	25	25	22.2	22.9	22.2
WCDMA B5	0	100.00%	25	25	25	24.7	25	24.8
LTE B7	2	100.00%	25	23.4	22.7	20.6	21.3	20.6
LTE B12/B17	0	100.00%	25	25	25	25	25	25
LTE B13	0	100.00%	25	25	25	25	25	25
LTE B14	0	100.00%	25	25	25	25	25	25
LTE B25/B2	2	100.00%	25	25	25	20.8	21.5	20.8
LTE B25/B2	1	100.00%	25	16.6	15.9	21.5	22.2	21.5
LTE B26/B5	0	100.00%	25	25	25	24.8	25	24.8
LTE B30	2	100.00%	24.6	24.6	24.6	21.3	22	21.3
LTE B41/B38 PC3	2	63.30%	25	25	24.3	23.6	24.3	23.6
LTE B41/B38 PC2	2	43.30%	26.9	26.6	25.9	25.2	25.9	25.2
LTE B48	6	63.30%	23.5	23.5	23.5	21.9	22.6	21.9
LTE B66/B4	2	100.00%	25	25	25	21.9	22.6	21.9
LTE B66/B4	1	100.00%	25	16.8	16.1	22.4	23.1	22.4
LTE B71	0	100.00%	25	25	25	25	25	25
FR1 n7	2	100.00%	25	22.9	22.2	21.4	22.1	21.4
FR1 n12	0	100.00%	25	25	25	25	25	25
FR1 n14	0	100.00%	25	25	25	25	25	25
FR1 n25/n2	2	100.00%	25	25	25	21.2	21.9	21.2
FR1 n25/n2	1	100.00%	25	16.3	15.6	21.9	22.6	21.9
FR1 n26/n5	0	100.00%	25	25	25	25	25	25
FR1 n30	2	100.00%	24.6	24.6	24.6	21.1	21.8	21.1
FR1 n38 PC3	2	100.00%	25	23.3	22.6	20.7	21.4	20.7
FR1 n41 PC3	2	100.00%	25	23.3	22.6	20.7	21.4	20.7
FR1 n41 PC2	2	50.00%	26.9	26.3	25.6	23.7	24.4	23.7
FR1 n41 PC1.5	2	25.00%	26.9	26.9	26.9	26.7	26.9	26.7
FR1 n38 PC3	1	100.00%	25	18.2	17.5	22.6	23.3	22.6
FR1 n41 PC3	1	100.00%	25	18.2	17.5	22.6	23.3	22.6
FR1 n41 PC2	1	50.00%	26.9	21.2	20.5	25.6	26.3	25.6
FR1 n41 PC1.5	1	25.00%	26.9	24.2	23.5	26.9	26.9	26.9
FR1 n48 PC3	6	100.00%	23	23	23	19.6	20.3	19.6
FR1 n48 PC3	1	100.00%	23	18.2	17.5	20.9	23	23
FR1 n66	2	100.00%	25	25	25	22.6	23.3	22.6
FR1 n66	1	100.00%	25	17.3	16.6	22.8	23.5	22.8
FR1 n70	2	100.00%	24.7	24.7	24.7	22	22.7	22
FR1 n71	0	100.00%	25	25	25	25	25	25
FR1 n77/n78 PC3	6	100.00%	25	25	25	19.4	20.1	19.4
FR1 n77/n78 PC2	6	50.00%	27.1	27.1	27.1	22.5	23.2	22.5
FR1 n77 PC1.5	6	25.00%	27.1	27.1	27.1	25.5	26.2	25.5
FR1 n77/n78 PC3	1	100.00%	25	16.7	16	20	20.7	20
FR1 n77/n78 PC2	1	50.00%	26.2	19.9	19.2	23.2	23.9	23.2
FR1 n77 PC1.5	1	25.00%	26.2	22.9	22.2	26.2	26.2	26.2
NTN B23	1	83.00%	23.7				23.7	

Maximum Transmit Burst Average Power (dBm)								
Band	Antenna	Duty cycle	Maximum Power Condition	Head	Head	Hotspot	Body-worn/ Extremity	Body-worn/ Extremity
				Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous
			Index 1	Index 2	Index 3	Index 4	Index 5	Index 6
GSM850 GSM/GPRS 1TX	1	12.50%	33.5	32.1	31.4	33.5	33.5	33.5
GSM850 GPRS 2TX	1	25.00%	32.5	29.1	28.4	32.5	32.5	32.5
GSM850 GPRS 3TX	1	37.50%	31.5	27.3	26.6	30.7	31.4	30.7
GSM850 GPRS 4TX	1	50.00%	30.5	26.1	25.4	29.5	30.2	29.5
GSM850 EDGE 1TX	1	12.50%	27.5	27.5	27.5	27.5	27.5	27.5
GSM850 EDGE 2TX	1	25.00%	26.5	26.5	26.5	26.5	26.5	26.5
GSM850 EDGE 3TX	1	37.50%	25.5	25.5	25.5	25.5	25.5	25.5
GSM850 EDGE 4TX	1	50.00%	24.5	24.5	24.5	24.5	24.5	24.5
GSM1900 GSM/GPRS 1TX	0	12.50%	30.5	30.5	30.5	27.25	29.25	28.55
GSM1900 GPRS 2TX	0	25.00%	29	29	29	24.25	26.25	25.55
GSM1900 GPRS 3TX	0	37.50%	28.5	28.5	28.5	22.45	24.45	23.75
GSM1900 GPRS 4TX	0	50.00%	27.5	27.5	27.5	21.25	23.25	22.55
GSM1900 EDGE 1TX	0	12.50%	26.5	26.5	26.5	26.5	26.5	26.5
GSM1900 EDGE 2TX	0	25.00%	25.5	25.5	25.5	24.25	25.5	25.5
GSM1900 EDGE 3TX	0	37.50%	24.5	24.5	24.5	22.45	24.45	23.75
GSM1900 EDGE 4TX	0	50.00%	23.5	23.5	23.5	21.25	23.25	22.55
WCDMA B2	0	100.00 %	25	25	25	18.65	20.35	19.65
WCDMA B4	0	100.00 %	25	25	25	18.95	20.05	19.35
WCDMA B5	1	100.00 %	25	23.4	22.7	25	25	25
LTE B7	0	100.00 %	25	25	25	18.65	19.95	19.25
LTE B12/B17	1	100.00 %	25	23.8	23.1	25	25	25
LTE B13	1	100.00 %	25	22.8	22.1	25	25	25
LTE B14	1	100.00 %	25	23.1	22.4	25	25	25
LTE B25/B2	0	100.00 %	25	25	25	18.35	20.25	19.55
LTE B25/B2	5	100.00 %	24.8	19.9	19.2	24.3	24.8	24.3
LTE B26/B5	1	100.00 %	25	22.8	22.1	25	25	25
LTE B30	0	100.00 %	24.6	24.6	24.6	19.25	20.65	19.95
LTE B41/B38 PC3	0	63.30%	24.5	24.5	24.5	21.15	22.65	21.95
LTE B41/B38 PC2	0	43.30%	26.4	26.4	26.4	22.75	24.25	23.55
LTE B48	7	63.30%	24	24	24	23.5	24	23.5
LTE B66/B4	0	100.00 %	25	25	25	19.15	20.75	20.05
LTE B66/B4	5	100.00 %	24.8	19.2	18.5	24.4	24.8	24.8
LTE B71	1	100.00 %	25	23.8	23.1	25	25	25
FR1 n7	0	100.00 %	25	25	25	18.25	19.95	19.25
FR1 n12	1	100.00 %	25	23.1	22.4	25	25	25
FR1 n14	1	100.00 %	25	23.3	22.6	25	25	25
FR1 n25/n2	0	100.00 %	25	25	25	18.45	20.75	20.05
FR1 n25/n2	5	100.00 %	24.8	20	19.3	24.8	24.8	24.8
FR1 n26/n5	1	100.00 %	25	22.5	21.8	25	25	25
FR1 n30	0	100.00 %	24.6	24.6	24.6	19.15	20.55	19.85
FR1 n38 PC3	0	100.00 %	25	25	25	18.05	19.55	18.85
FR1 n41 PC3	0	100.00 %	24.5	24.5	24.5	18.05	19.55	18.85
FR1 n41 PC2	0	50.00%	26.4	26.4	26.4	21.05	22.55	21.85
FR1 n41 PC1.5	0	25.00%	26.4	26.4	26.4	24.05	25.55	24.85
FR1 n38 PC3	5	100.00 %	25	18.4	17.7	21.8	22.5	21.8
FR1 n41 PC3	5	100.00 %	25	18.4	17.7	21.8	22.5	21.8

FR1 n41 PC2	5	50.00%	26.9	21.4	20.7	24.8	25.5	24.8
FR1 n41 PC1.5	5	25.00%	26.9	24.4	23.7	26.9	26.9	26.9
FR1 n48 PC3	7	100.00 %	23	23	23	21.4	22.1	21.4
FR1 n48 PC3	5	100.00 %	23	18.1	17.4	23	23	23
FR1 n66	0	100.00 %	25	25	25	18.55	20.15	19.45
FR1 n66	5	100.00 %	24.8	19.8	19.1	23.5	24.3	23.6
FR1 n70	0	100.00 %	24.7	24.7	24.7	18.75	19.45	18.75
FR1 n71	1	100.00 %	25	23.3	22.6	25	25	25
FR1 n77/n78 PC3	7	100.00 %	24.4	24.4	24.4	21	21.7	21
FR1 n77/n78 PC2	7	50.00%	26.5	26.5	26.5	24.1	24.8	24.1
FR1 n77 PC1.5	7	25.00%	26.5	26.5	26.5	26.5	26.5	26.5
FR1 n77/n78 PC3	5	100.00 %	25	19.4	18.7	23.4	24.1	23.4
FR1 n77/n78 PC2	5	50.00%	26.2	22.6	21.9	26.2	26.2	26.2
FR1 n77 PC1.5	5	25.00%	26.2	25.6	24.9	26.2	26.2	26.2
NTN B255	5	83.00%	23.5				23.5	

<WLAN Maximum Power>

General Note:

1. The device implements the power management for WLAN SAR compliance for different exposure conditions and user cases. In each exposure condition, the power index selection is determined by the user cases as tested in Section 15 of this report. Full details about the proprietary power management decision are illustrated in the operational description.
2. 4+3(3) represents the test in 2TX operation, while the SAR or power data is associated with antenna 3
3. 4+3(4) represents the test in 2TX operation, while the SAR or power data is associated with antenna 4

<Maximum Power - Power Index 0>

<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.50	22.50
		6	2437	22.50	22.50
		11	2462	22.50	22.50
		12	2467	22.50	22.50
		13	2472	19.50	20.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	19.5	19.5	22.5
		2	2417	22	22	25
		3	2422	22	22	25
		4	2427	22	22	25
		5	2432	22	22	25
		6	2437	22	22	25
		7	2442	22	22	25
		8	2447	22	22	25
		9	2452	22	22	25
		10	2457	22	22	25
		11	2462	17.5	17.5	20.5
		12	2467	15.5	15.5	18.5
		13	2472	9	9	12
	802.11n-HT20 MCS0	1	2412	17	17	20
		2	2417	21	21	24
		3	2422	21	21	24
		4	2427	21	21	24
		5	2432	21	21	24
		6	2437	21	21	24
		7	2442	21	21	24
		8	2447	21	21	24
		9	2452	21	21	24
		10	2457	21	21	24
		11	2462	16	16	19
		12	2467	14	14	17
		13	2472	9.5	9.5	12.5

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11ac-VHT20 MCS0	1	2412	17	17	20
		2	2417	21	21	24
		3	2422	21	21	24
		4	2427	21	21	24
		5	2432	21	21	24
		6	2437	21	21	24
		7	2442	21	21	24
		8	2447	21	21	24
		9	2452	21	21	24
		10	2457	21	21	24
		11	2462	16	16	19
		12	2467	14	14	17
		13	2472	9.5	9.5	12.5
	802.11ax-HE20 MCS0	1	2412	17	17	20
		2	2417	21	21	24
		3	2422	21	21	24
		4	2427	21	21	24
		5	2432	21	21	24
		6	2437	21	21	24
		7	2442	21	21	24
		8	2447	21	21	24
		9	2452	21	21	24
		10	2457	21	21	24
		11	2462	16	16	19
		12	2467	14.5	14.5	17.5
		13	2472	9.5	9.5	12.5
	802.11be-EHT20 MCS0	1	2412	17	17	20
		2	2417	21	21	24
		3	2422	21	21	24
		4	2427	21	21	24
		5	2432	21	21	24
		6	2437	21	21	24
		7	2442	21	21	24
		8	2447	21	21	24
		9	2452	21	21	24
		10	2457	21	21	24
		11	2462	16	16	19
		12	2467	14.5	14.5	17.5
		13	2472	9.5	9.5	12.5

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.50	17.50	20.50
		40	5200	17.50	17.50	20.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11n-HT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11n-HT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	20.00	20.00	23.00
	802.11ac-VHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11ac-VHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	20.00	20.00	23.00
	802.11ac-VHT80 MCS0	42	5210	10.00	10.00	13.00
	802.11ax-HE20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11ax-HE40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	20.00	20.00	23.00
	802.11ax-HE80 MCS0	42	5210	10.00	10.00	13.00
	802.11be-EHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11be-EHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	20.00	20.00	23.00
	802.11be-EHT80 MCS0	42	5210	10.00	10.00	13.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.50	18.50	21.50
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	14.50	14.50	17.50
	802.11n-HT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11n-HT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11ac-VHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11ax-HE40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11be-EHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	18	18	21
		104	5520	19	19	22
		116	5580	19	19	22
		124	5620	19	19	22
		132	5660	19	19	22
		136	5680	19	19	22
		140	5700	15.5	15.5	18.5
		144	5720	19	19	22
	802.11n-HT20 MCS0	100	5500	19	19	22
		104	5520	19	19	22
		116	5580	19	19	22
		124	5620	19	19	22
		132	5660	19	19	22
		136	5680	19	19	22
		140	5700	13.5	13.5	16.5
		144	5720	19.5	19.5	22.5
	802.11n-HT40 MCS0	102	5510	14.5	14.5	17.5
		110	5550	19.5	19.5	22.5
		126	5630	19.5	19.5	22.5
		134	5670	15.5	15.5	18.5
		142	5710	20	20	23
	802.11ac-VHT20 MCS0	100	5500	19	19	22
		104	5520	19	19	22
		116	5580	19	19	22
		124	5620	19	19	22
		132	5660	19	19	22
		136	5680	19	19	22
		140	5700	13.5	13.5	16.5
		144	5720	19.5	19.5	22.5
	802.11ac-VHT40 MCS0	102	5510	14.5	14.5	17.5
		110	5550	19.5	19.5	22.5
		126	5630	19.5	19.5	22.5
		134	5670	15.5	15.5	18.5
		142	5710	20	20	23
	802.11ac-VHT80 MCS0	106	5530	10.5	10.5	13.5
		122	5610	20	20	23
		138	5690	20	20	23
	802.11ac-VHT160 MCS0	114	5570	9.5	9.5	12.5

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11ax-HE20 MCS0	100	5500	19	19	22
		104	5520	19	19	22
		116	5580	19	19	22
		124	5620	19	19	22
		132	5660	19	19	22
		136	5680	19	19	22
		140	5700	13.5	13.5	16.5
		144	5720	19.5	19.5	22.5
	802.11ax-HE40 MCS0	102	5510	14.5	14.5	17.5
		110	5550	19.5	19.5	22.5
		126	5630	19.5	19.5	22.5
		134	5670	15.5	15.5	18.5
		142	5710	20	20	23
	802.11ax-HE80 MCS0	106	5530	10.5	10.5	13.5
		122	5610	20	20	23
		138	5690	20	20	23
	802.11ax-HE160 MCS0	114	5570	9.5	9.5	12.5
	802.11be-EHT20 MCS0	100	5500	19	19	22
		104	5520	19	19	22
		116	5580	19	19	22
		124	5620	19	19	22
		132	5660	19	19	22
		136	5680	19	19	22
		140	5700	13.5	13.5	16.5
		144	5720	19.5	19.5	22.5
	802.11be-EHT40 MCS0	102	5510	14.5	14.5	17.5
		110	5550	19.5	19.5	22.5
		126	5630	19.5	19.5	22.5
		134	5670	15.5	15.5	18.5
		142	5710	20	20	23
	802.11be-EHT80 MCS0	106	5530	10.5	10.5	13.5
		122	5610	20	20	23
		138	5690	20	20	23
	802.11be-EHT160 MCS0	114	5570	9.5	9.5	12.5

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11n-HT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11n-HT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ac-VHT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11ac-VHT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ac-VHT80 MCS0	155	5775	20.00	20.00	23.00
	802.11ax-HE20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11ax-HE40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ax-HE80 MCS0	155	5775	20.00	20.00	23.00
	802.11be-EHT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11be-EHT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11be-EHT80 MCS0	155	5775	20.00	20.00	23.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	21.00	21.00	24.00
		173	5865	21.00	21.00	24.00
		177	5885	21.00	21.00	24.00
	802.11n-HT20 MCS0	169	5845	21.00	21.00	24.00
		173	5865	21.00	21.00	24.00
		177	5885	21.00	21.00	24.00
	802.11n-HT40 MCS0	167	5835	20.00	20.00	23.00
		175	5875	20.00	20.00	23.00
	802.11ac-VHT20 MCS0	169	5845	21.00	21.00	24.00
		173	5865	21.00	21.00	24.00
		177	5885	21.00	21.00	24.00
	802.11ac-VHT40 MCS0	167	5835	20.00	20.00	23.00
		175	5875	20.00	20.00	23.00
	802.11ac-VHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11ac-VHT160 MCS0	163	5815	15.50	15.50	18.50
	802.11ax-HE20 MCS0	169	5845	21.00	21.00	24.00
		173	5865	21.00	21.00	24.00
		177	5885	21.00	21.00	24.00
	802.11ax-HE40 MCS0	167	5835	20.00	20.00	23.00
		175	5875	20.00	20.00	23.00
	802.11ax-HE80 MCS0	171	5855	18.00	18.00	21.00
	802.11ax-HE160 MCS0	163	5815	15.50	15.50	18.50
	802.11be-EHT20 MCS0	169	5845	21.00	21.00	24.00
		173	5865	21.00	21.00	24.00
		177	5885	21.00	21.00	24.00
	802.11be-EHT40 MCS0	167	5835	20.00	20.00	23.00
		175	5875	20.00	20.00	23.00
	802.11be-EHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11be-EHT160 MCS0	163	5815	16.00	16.00	19.00

< Power index 1>

<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.00	19.00
		6	2437	19.00	19.00
		11	2462	19.00	19.00
		12	2467	19.00	19.00
		13	2472	19.00	19.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	19.00	19.00	22.00
		6	2437	19.00	19.00	22.00
		11	2462	19.00	19.00	22.00
		12	2467	16.50	16.50	19.50
		13	2472	10.50	10.50	13.50
	802.11n-HT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	19.00	19.00	22.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ac-VHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	19.00	19.00	22.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	19.00	19.00	22.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	19.00	19.00	22.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.00	17.00	20.00
		40	5200	17.00	17.00	20.00
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11n-HT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11n-HT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ac-VHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11ac-VHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ac-VHT80 MCS0	42	5210	10.00	10.00	13.00
	802.11ax-HE20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11ax-HE40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ax-HE80 MCS0	42	5210	10.00	10.00	13.00
	802.11be-EHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11be-EHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11be-EHT80 MCS0	42	5210	10.00	10.00	13.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	14.50	14.50	17.50
	802.11n-HT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11n-HT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11ac-VHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11ax-HE40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11be-EHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	14.50	14.50	17.50
		116	5580	14.50	14.50	17.50
		124	5620	14.50	14.50	17.50
		132	5660	14.50	14.50	17.50
		140	5700	14.50	14.50	17.50
		144	5720	14.50	14.50	17.50
	802.11n-HT20 MCS0	100	5500	14.50	14.50	17.50
		116	5580	14.50	14.50	17.50
		124	5620	14.50	14.50	17.50
		132	5660	14.50	14.50	17.50
		140	5700	13.50	13.50	16.50
		144	5720	14.50	14.50	17.50
	802.11n-HT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	14.50	14.50	17.50
		126	5630	14.50	14.50	17.50
		134	5670	14.50	14.50	17.50
		142	5710	14.50	14.50	17.50
	802.11ac-VHT20 MCS0	100	5500	14.50	14.50	17.50
		116	5580	14.50	14.50	17.50
		124	5620	14.50	14.50	17.50
		132	5660	14.50	14.50	17.50
		140	5700	13.50	13.50	16.50
		144	5720	14.50	14.50	17.50
	802.11ac-VHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	14.50	14.50	17.50
		126	5630	14.50	14.50	17.50
		134	5670	14.50	14.50	17.50
		142	5710	14.50	14.50	17.50
	802.11ac-VHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	14.50	14.50	17.50
		138	5690	14.50	14.50	17.50
	802.11ac-VHT160 MCS0	114	5570	9.50	9.50	12.50
	802.11ax-HE20 MCS0	100	5500	14.50	14.50	17.50
		116	5580	14.50	14.50	17.50
		124	5620	14.50	14.50	17.50
		132	5660	14.50	14.50	17.50
		140	5700	13.50	13.50	16.50
		144	5720	14.50	14.50	17.50
	802.11ax-HE40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	14.50	14.50	17.50
		126	5630	14.50	14.50	17.50
		134	5670	14.50	14.50	17.50
		142	5710	14.50	14.50	17.50
	802.11ax-HE80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	14.50	14.50	17.50
		138	5690	14.50	14.50	17.50
	802.11ax-HE160 MCS0	114	5570	9.50	9.50	12.50
	802.11be-EHT20 MCS0	100	5500	14.50	14.50	17.50
		116	5580	14.50	14.50	17.50
		124	5620	14.50	14.50	17.50
		132	5660	14.50	14.50	17.50
		140	5700	13.50	13.50	16.50
		144	5720	14.50	14.50	17.50
	802.11be-EHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	14.50	14.50	17.50
		126	5630	14.50	14.50	17.50
		134	5670	14.50	14.50	17.50
		142	5710	14.50	14.50	17.50
	802.11be-EHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	14.50	14.50	17.50
		138	5690	14.50	14.50	17.50
	802.11be-EHT160 MCS0	114	5570	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11n-HT20 MCS0	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11n-HT40 MCS0	151	5755	16.00	16.00	19.00
		159	5795	16.00	16.00	19.00
	802.11ac-VHT20 MCS0	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11ac-VHT40 MCS0	151	5755	16.00	16.00	19.00
		159	5795	16.00	16.00	19.00
	802.11ac-VHT80 MCS0	155	5775	16.00	16.00	19.00
	802.11ax-HE20 MCS0	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11ax-HE40 MCS0	151	5755	16.00	16.00	19.00
		159	5795	16.00	16.00	19.00
	802.11ax-HE80 MCS0	155	5775	16.00	16.00	19.00
	802.11be-EHT20 MCS0	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11be-EHT40 MCS0	151	5755	16.00	16.00	19.00
		159	5795	16.00	16.00	19.00
	802.11be-EHT80 MCS0	155	5775	16.00	16.00	19.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	15.50	15.50	18.50
		173	5865	15.50	15.50	18.50
		177	5885	15.50	15.50	18.50
	802.11n-HT20 MCS0	169	5845	15.50	15.50	18.50
		173	5865	15.50	15.50	18.50
		177	5885	15.50	15.50	18.50
	802.11n-HT40 MCS0	167	5835	15.50	15.50	18.50
		175	5875	15.50	15.50	18.50
	802.11ac-VHT20 MCS0	169	5845	15.50	15.50	18.50
		173	5865	15.50	15.50	18.50
		177	5885	15.50	15.50	18.50
	802.11ac-VHT40 MCS0	167	5835	15.50	15.50	18.50
		175	5875	15.50	15.50	18.50
	802.11ac-VHT80 MCS0	171	5855	15.50	15.50	18.50
	802.11ac-VHT160 MCS0	163	5815	15.50	15.50	18.50
	802.11ax-HE20 MCS0	169	5845	15.50	15.50	18.50
		173	5865	15.50	15.50	18.50
		177	5885	15.50	15.50	18.50
	802.11ax-HE40 MCS0	167	5835	15.50	15.50	18.50
		175	5875	15.50	15.50	18.50
	802.11ax-HE80 MCS0	171	5855	15.50	15.50	18.50
	802.11ax-HE160 MCS0	163	5815	15.50	15.50	18.50
	802.11be-EHT20 MCS0	169	5845	15.50	15.50	18.50
		173	5865	15.50	15.50	18.50
		177	5885	15.50	15.50	18.50
	802.11be-EHT40 MCS0	167	5835	15.50	15.50	18.50
		175	5875	15.50	15.50	18.50
	802.11be-EHT80 MCS0	171	5855	15.50	15.50	18.50
	802.11be-EHT160 MCS0	163	5815	15.50	15.50	18.50

< Power index 2>

<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.00	18.00
		6	2437	18.00	18.00
		11	2462	18.00	18.00
		12	2467	18.00	18.00
		13	2472	18.00	18.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	18.00	18.00	21.00
		6	2437	18.00	18.00	21.00
		11	2462	18.00	18.00	21.00
		12	2467	16.50	16.50	19.50
		13	2472	10.50	10.50	13.50
	802.11n-HT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	18.00	18.00	21.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ac-VHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	18.00	18.00	21.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	18.00	18.00	21.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	18.00	18.00	21.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.50	14.50	17.50
		40	5200	14.50	14.50	17.50
		44	5220	14.50	14.50	17.50
		48	5240	14.50	14.50	17.50
	802.11n-HT20 MCS0	36	5180	14.50	14.50	17.50
		40	5200	14.50	14.50	17.50
		44	5220	14.50	14.50	17.50
		48	5240	14.50	14.50	17.50
	802.11n-HT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	14.50	14.50	17.50
	802.11ac-VHT20 MCS0	36	5180	14.50	14.50	17.50
		40	5200	14.50	14.50	17.50
		44	5220	14.50	14.50	17.50
		48	5240	14.50	14.50	17.50
	802.11ac-VHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	14.50	14.50	17.50
	802.11ac-VHT80 MCS0	42	5210	10.00	10.00	13.00
	802.11ax-HE20 MCS0	36	5180	14.50	14.50	17.50
		40	5200	14.50	14.50	17.50
		44	5220	14.50	14.50	17.50
		48	5240	14.50	14.50	17.50
	802.11ax-HE40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	14.50	14.50	17.50
	802.11ax-HE80 MCS0	42	5210	10.00	10.00	13.00
	802.11be-EHT20 MCS0	36	5180	14.50	14.50	17.50
		40	5200	14.50	14.50	17.50
		44	5220	14.50	14.50	17.50
		48	5240	14.50	14.50	17.50
	802.11be-EHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	14.50	14.50	17.50
	802.11be-EHT80 MCS0	42	5210	10.00	10.00	13.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.50	14.50	17.50
		56	5280	14.50	14.50	17.50
		60	5300	14.50	14.50	17.50
		64	5320	14.50	14.50	17.50
	802.11n-HT20 MCS0	52	5260	14.50	14.50	17.50
		56	5280	14.50	14.50	17.50
		60	5300	14.50	14.50	17.50
		64	5320	12.50	12.50	15.50
	802.11n-HT40 MCS0	54	5270	14.50	14.50	17.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	14.50	14.50	17.50
		56	5280	14.50	14.50	17.50
		60	5300	14.50	14.50	17.50
		64	5320	12.50	12.50	15.50
	802.11ac-VHT40 MCS0	54	5270	14.50	14.50	17.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	14.50	14.50	17.50
		56	5280	14.50	14.50	17.50
		60	5300	14.50	14.50	17.50
		64	5320	12.50	12.50	15.50
	802.11ax-HE40 MCS0	54	5270	14.50	14.50	17.50
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	14.50	14.50	17.50
		56	5280	14.50	14.50	17.50
		60	5300	14.50	14.50	17.50
		64	5320	12.50	12.50	15.50
	802.11be-EHT40 MCS0	54	5270	14.50	14.50	17.50
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	13.00	13.00	16.00
		116	5580	13.00	13.00	16.00
		124	5620	13.00	13.00	16.00
		132	5660	13.00	13.00	16.00
		140	5700	13.00	13.00	16.00
		144	5720	13.00	13.00	16.00
	802.11n-HT20 MCS0	100	5500	13.00	13.00	16.00
		116	5580	13.00	13.00	16.00
		124	5620	13.00	13.00	16.00
		132	5660	13.00	13.00	16.00
		140	5700	13.00	13.00	16.00
		144	5720	13.00	13.00	16.00
	802.11n-HT40 MCS0	102	5510	13.00	13.00	16.00
		110	5550	13.00	13.00	16.00
		126	5630	13.00	13.00	16.00
		134	5670	13.00	13.00	16.00
		142	5710	13.00	13.00	16.00
	802.11ac-VHT20 MCS0	100	5500	13.00	13.00	16.00
		116	5580	13.00	13.00	16.00
		124	5620	13.00	13.00	16.00
		132	5660	13.00	13.00	16.00
		140	5700	13.00	13.00	16.00
		144	5720	13.00	13.00	16.00
	802.11ac-VHT40 MCS0	102	5510	13.00	13.00	16.00
		110	5550	13.00	13.00	16.00
		126	5630	13.00	13.00	16.00
		134	5670	13.00	13.00	16.00
		142	5710	13.00	13.00	16.00
	802.11ac-VHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	13.00	13.00	16.00
		138	5690	13.00	13.00	16.00
	802.11ac-VHT160 MCS0	114	5570	9.50	9.50	12.50
	802.11ax-HE20 MCS0	100	5500	13.00	13.00	16.00
		116	5580	13.00	13.00	16.00
		124	5620	13.00	13.00	16.00
		132	5660	13.00	13.00	16.00
		140	5700	13.00	13.00	16.00
		144	5720	13.00	13.00	16.00
	802.11ax-HE40 MCS0	102	5510	13.00	13.00	16.00
		110	5550	13.00	13.00	16.00
		126	5630	13.00	13.00	16.00
		134	5670	13.00	13.00	16.00
		142	5710	13.00	13.00	16.00
	802.11ax-HE80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	13.00	13.00	16.00
		138	5690	13.00	13.00	16.00
	802.11ax-HE160 MCS0	114	5570	9.50	9.50	12.50
	802.11be-EHT20 MCS0	100	5500	13.00	13.00	16.00
		116	5580	13.00	13.00	16.00
		124	5620	13.00	13.00	16.00
		132	5660	13.00	13.00	16.00
		140	5700	13.00	13.00	16.00
		144	5720	13.00	13.00	16.00
	802.11be-EHT40 MCS0	102	5510	13.00	13.00	16.00
		110	5550	13.00	13.00	16.00
		126	5630	13.00	13.00	16.00
		134	5670	13.00	13.00	16.00
		142	5710	13.00	13.00	16.00
	802.11be-EHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	13.00	13.00	16.00
		138	5690	13.00	13.00	16.00
	802.11be-EHT160 MCS0	114	5570	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	14.00	14.00	17.00
		157	5785	14.00	14.00	17.00
		165	5825	14.00	14.00	17.00
	802.11n-HT20 MCS0	149	5745	14.00	14.00	17.00
		157	5785	14.00	14.00	17.00
		165	5825	14.00	14.00	17.00
	802.11n-HT40 MCS0	151	5755	14.00	14.00	17.00
		159	5795	14.00	14.00	17.00
	802.11ac-VHT20 MCS0	149	5745	14.00	14.00	17.00
		157	5785	14.00	14.00	17.00
		165	5825	14.00	14.00	17.00
	802.11ac-VHT40 MCS0	151	5755	14.00	14.00	17.00
		159	5795	14.00	14.00	17.00
	802.11ac-VHT80 MCS0	155	5775	14.00	14.00	17.00
	802.11ax-HE20 MCS0	149	5745	14.00	14.00	17.00
		157	5785	14.00	14.00	17.00
		165	5825	14.00	14.00	17.00
	802.11ax-HE40 MCS0	151	5755	14.00	14.00	17.00
		159	5795	14.00	14.00	17.00
	802.11ax-HE80 MCS0	155	5775	14.00	14.00	17.00
	802.11be-EHT20 MCS0	149	5745	14.00	14.00	17.00
		157	5785	14.00	14.00	17.00
		165	5825	14.00	14.00	17.00
	802.11be-EHT40 MCS0	151	5755	14.00	14.00	17.00
		159	5795	14.00	14.00	17.00
	802.11be-EHT80 MCS0	155	5775	14.00	14.00	17.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	13.00	13.00	16.00
		173	5865	13.00	13.00	16.00
		177	5885	13.00	13.00	16.00
	802.11n-HT20 MCS0	169	5845	13.00	13.00	16.00
		173	5865	13.00	13.00	16.00
		177	5885	13.00	13.00	16.00
	802.11n-HT40 MCS0	167	5835	13.00	13.00	16.00
		175	5875	13.00	13.00	16.00
	802.11ac-VHT20 MCS0	169	5845	13.00	13.00	16.00
		173	5865	13.00	13.00	16.00
		177	5885	13.00	13.00	16.00
	802.11ac-VHT40 MCS0	167	5835	13.00	13.00	16.00
		175	5875	13.00	13.00	16.00
	802.11ac-VHT80 MCS0	171	5855	13.00	13.00	16.00
	802.11ac-VHT160 MCS0	163	5815	13.00	13.00	16.00
	802.11ax-HE20 MCS0	169	5845	13.00	13.00	16.00
		173	5865	13.00	13.00	16.00
		177	5885	13.00	13.00	16.00
	802.11ax-HE40 MCS0	167	5835	13.00	13.00	16.00
		175	5875	13.00	13.00	16.00
	802.11ax-HE80 MCS0	171	5855	13.00	13.00	16.00
	802.11ax-HE160 MCS0	163	5815	13.00	13.00	16.00
	802.11be-EHT20 MCS0	169	5845	13.00	13.00	16.00
		173	5865	13.00	13.00	16.00
		177	5885	13.00	13.00	16.00
	802.11be-EHT40 MCS0	167	5835	13.00	13.00	16.00
		175	5875	13.00	13.00	16.00
	802.11be-EHT80 MCS0	171	5855	13.00	13.00	16.00
	802.11be-EHT160 MCS0	163	5815	13.00	13.00	16.00

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<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.50	14.50
		6	2437	14.50	14.50
		11	2462	14.50	14.50
		12	2467	14.50	14.50
		13	2472	14.50	14.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	14.50	14.50	17.50
		6	2437	14.50	14.50	17.50
		11	2462	14.50	14.50	17.50
		12	2467	14.50	14.50	17.50
		13	2472	10.50	10.50	13.50
	802.11n-HT20 MCS0	1	2412	14.50	14.50	17.50
		6	2437	14.50	14.50	17.50
		11	2462	14.50	14.50	17.50
		12	2467	14.50	14.50	17.50
		13	2472	12.00	12.00	15.00
	802.11ac-VHT20 MCS0	1	2412	14.50	14.50	17.50
		6	2437	14.50	14.50	17.50
		11	2462	14.50	14.50	17.50
		12	2467	14.50	14.50	17.50
		13	2472	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	2412	14.50	14.50	17.50
		6	2437	14.50	14.50	17.50
		11	2462	14.50	14.50	17.50
		12	2467	14.50	14.50	17.50
		13	2472	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	2412	14.50	14.50	17.50
		6	2437	14.50	14.50	17.50
		11	2462	14.50	14.50	17.50
		12	2467	14.50	14.50	17.50
		13	2472	12.00	12.00	15.00

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11n-HT20 MCS0	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11n-HT40 MCS0	38	5190	10.00	10.00	13.00
		46	5230	10.00	10.00	13.00
	802.11ac-VHT20 MCS0	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11ac-VHT40 MCS0	38	5190	10.00	10.00	13.00
		46	5230	10.00	10.00	13.00
	802.11ac-VHT80 MCS0	42	5210	9.50	9.50	12.50
	802.11ax-HE20 MCS0	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11ax-HE40 MCS0	38	5190	10.00	10.00	13.00
		46	5230	10.00	10.00	13.00
	802.11ax-HE80 MCS0	42	5210	9.50	9.50	12.50
	802.11be-EHT20 MCS0	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11be-EHT40 MCS0	38	5190	10.00	10.00	13.00
		46	5230	10.00	10.00	13.00
	802.11be-EHT80 MCS0	42	5210	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11n-HT20 MCS0	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11n-HT40 MCS0	54	5270	10.00	10.00	13.00
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11ac-VHT40 MCS0	54	5270	10.00	10.00	13.00
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11ax-HE40 MCS0	54	5270	10.00	10.00	13.00
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11be-EHT40 MCS0	54	5270	10.00	10.00	13.00
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11n-HT20 MCS0	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11n-HT40 MCS0	102	5510	8.50	8.50	11.50
		110	5550	8.50	8.50	11.50
		126	5630	8.50	8.50	11.50
		134	5670	8.50	8.50	11.50
		142	5710	8.50	8.50	11.50
	802.11ac-VHT20 MCS0	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11ac-VHT40 MCS0	102	5510	8.50	8.50	11.50
		110	5550	8.50	8.50	11.50
		126	5630	8.50	8.50	11.50
		134	5670	8.50	8.50	11.50
		142	5710	8.50	8.50	11.50
	802.11ac-VHT80 MCS0	106	5530	8.50	8.50	11.50
		122	5610	8.50	8.50	11.50
		138	5690	8.50	8.50	11.50
	802.11ac-VHT160 MCS0	114	5570	8.00	8.00	11.00
	802.11ax-HE20 MCS0	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11ax-HE40 MCS0	102	5510	8.50	8.50	11.50
		110	5550	8.50	8.50	11.50
		126	5630	8.50	8.50	11.50
		134	5670	8.50	8.50	11.50
		142	5710	8.50	8.50	11.50
	802.11ax-HE80 MCS0	106	5530	8.50	8.50	11.50
		122	5610	8.50	8.50	11.50
		138	5690	8.50	8.50	11.50
	802.11ax-HE160 MCS0	114	5570	8.00	8.00	11.00
	802.11be-EHT20 MCS0	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11be-EHT40 MCS0	102	5510	8.50	8.50	11.50
		110	5550	8.50	8.50	11.50
		126	5630	8.50	8.50	11.50
		134	5670	8.50	8.50	11.50
		142	5710	8.50	8.50	11.50
	802.11be-EHT80 MCS0	106	5530	8.50	8.50	11.50
		122	5610	8.50	8.50	11.50
		138	5690	8.50	8.50	11.50
	802.11be-EHT160 MCS0	114	5570	8.00	8.00	11.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11n-HT20 MCS0	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11n-HT40 MCS0	151	5755	9.50	9.50	12.50
		159	5795	9.50	9.50	12.50
	802.11ac-VHT20 MCS0	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11ac-VHT40 MCS0	151	5755	9.50	9.50	12.50
		159	5795	9.50	9.50	12.50
	802.11ac-VHT80 MCS0	155	5775	9.50	9.50	12.50
	802.11ax-HE20 MCS0	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11ax-HE40 MCS0	151	5755	9.50	9.50	12.50
		159	5795	9.50	9.50	12.50
	802.11ax-HE80 MCS0	155	5775	9.50	9.50	12.50
	802.11be-EHT20 MCS0	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11be-EHT40 MCS0	151	5755	9.50	9.50	12.50
		159	5795	9.50	9.50	12.50
	802.11be-EHT80 MCS0	155	5775	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11n-HT20 MCS0	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11n-HT40 MCS0	167	5835	9.50	9.50	12.50
		175	5875	9.50	9.50	12.50
	802.11ac-VHT20 MCS0	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11ac-VHT40 MCS0	167	5835	9.50	9.50	12.50
		175	5875	9.50	9.50	12.50
	802.11ac-VHT80 MCS0	171	5855	9.50	9.50	12.50
	802.11ac-VHT160 MCS0	163	5815	9.50	9.50	12.50
	802.11ax-HE20 MCS0	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11ax-HE40 MCS0	167	5835	9.50	9.50	12.50
		175	5875	9.50	9.50	12.50
	802.11ax-HE80 MCS0	171	5855	9.50	9.50	12.50
	802.11ax-HE160 MCS0	163	5815	9.50	9.50	12.50
	802.11be-EHT20 MCS0	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11be-EHT40 MCS0	167	5835	9.50	9.50	12.50
		175	5875	9.50	9.50	12.50
	802.11be-EHT80 MCS0	171	5855	9.50	9.50	12.50
	802.11be-EHT160 MCS0	163	5815	9.50	9.50	12.50

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<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	12.50	12.50
		6	2437	12.50	12.50
		11	2462	12.50	12.50
		12	2467	12.50	12.50
		13	2472	12.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	12.50	12.50	15.50
		6	2437	12.50	12.50	15.50
		11	2462	12.50	12.50	15.50
		12	2467	12.50	12.50	15.50
		13	2472	10.50	10.50	13.50
	802.11n-HT20 MCS0	1	2412	12.50	12.50	15.50
		6	2437	12.50	12.50	15.50
		11	2462	12.50	12.50	15.50
		12	2467	12.50	12.50	15.50
		13	2472	12.00	12.00	15.00
	802.11ac-VHT20 MCS0	1	2412	12.50	12.50	15.50
		6	2437	12.50	12.50	15.50
		11	2462	12.50	12.50	15.50
		12	2467	12.50	12.50	15.50
		13	2472	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	2412	12.50	12.50	15.50
		6	2437	12.50	12.50	15.50
		11	2462	12.50	12.50	15.50
		12	2467	12.50	12.50	15.50
		13	2472	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	2412	12.50	12.50	15.50
		6	2437	12.50	12.50	15.50
		11	2462	12.50	12.50	15.50
		12	2467	12.50	12.50	15.50
		13	2472	12.00	12.00	15.00

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11n-HT20 MCS0	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11n-HT40 MCS0	38	5190	10.00	10.00	13.00
		46	5230	10.00	10.00	13.00
	802.11ac-VHT20 MCS0	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11ac-VHT40 MCS0	38	5190	10.00	10.00	13.00
		46	5230	10.00	10.00	13.00
	802.11ac-VHT80 MCS0	42	5210	9.50	9.50	12.50
	802.11ax-HE20 MCS0	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11ax-HE40 MCS0	38	5190	10.00	10.00	13.00
		46	5230	10.00	10.00	13.00
	802.11ax-HE80 MCS0	42	5210	9.50	9.50	12.50
	802.11be-EHT20 MCS0	36	5180	10.00	10.00	13.00
		40	5200	10.00	10.00	13.00
		44	5220	10.00	10.00	13.00
		48	5240	10.00	10.00	13.00
	802.11be-EHT40 MCS0	38	5190	10.00	10.00	13.00
		46	5230	10.00	10.00	13.00
	802.11be-EHT80 MCS0	42	5210	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11n-HT20 MCS0	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11n-HT40 MCS0	54	5270	10.00	10.00	13.00
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11ac-VHT40 MCS0	54	5270	10.00	10.00	13.00
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11ax-HE40 MCS0	54	5270	10.00	10.00	13.00
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	10.00	10.00	13.00
		56	5280	10.00	10.00	13.00
		60	5300	10.00	10.00	13.00
		64	5320	10.00	10.00	13.00
	802.11be-EHT40 MCS0	54	5270	10.00	10.00	13.00
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11n-HT20 MCS0	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11n-HT40 MCS0	102	5510	8.50	8.50	11.50
		110	5550	8.50	8.50	11.50
		126	5630	8.50	8.50	11.50
		134	5670	8.50	8.50	11.50
		142	5710	8.50	8.50	11.50
	802.11ac-VHT20 MCS0	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11ac-VHT40 MCS0	102	5510	8.50	8.50	11.50
		110	5550	8.50	8.50	11.50
		126	5630	8.50	8.50	11.50
		134	5670	8.50	8.50	11.50
		142	5710	8.50	8.50	11.50
	802.11ac-VHT80 MCS0	106	5530	8.50	8.50	11.50
		122	5610	8.50	8.50	11.50
		138	5690	8.50	8.50	11.50
	802.11ac-VHT160 MCS0	114	5570	8.00	8.00	11.00
	802.11ax-HE20 MCS0	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11ax-HE40 MCS0	102	5510	8.50	8.50	11.50
		110	5550	8.50	8.50	11.50
		126	5630	8.50	8.50	11.50
		134	5670	8.50	8.50	11.50
		142	5710	8.50	8.50	11.50
	802.11ax-HE80 MCS0	106	5530	8.50	8.50	11.50
		122	5610	8.50	8.50	11.50
		138	5690	8.50	8.50	11.50
	802.11ax-HE160 MCS0	114	5570	8.00	8.00	11.00
	802.11be-EHT20 MCS0	100	5500	8.50	8.50	11.50
		116	5580	8.50	8.50	11.50
		124	5620	8.50	8.50	11.50
		132	5660	8.50	8.50	11.50
		140	5700	8.50	8.50	11.50
		144	5720	8.50	8.50	11.50
	802.11be-EHT40 MCS0	102	5510	8.50	8.50	11.50
		110	5550	8.50	8.50	11.50
		126	5630	8.50	8.50	11.50
		134	5670	8.50	8.50	11.50
		142	5710	8.50	8.50	11.50
	802.11be-EHT80 MCS0	106	5530	8.50	8.50	11.50
		122	5610	8.50	8.50	11.50
		138	5690	8.50	8.50	11.50
	802.11be-EHT160 MCS0	114	5570	8.00	8.00	11.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11n-HT20 MCS0	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11n-HT40 MCS0	151	5755	9.50	9.50	12.50
		159	5795	9.50	9.50	12.50
	802.11ac-VHT20 MCS0	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11ac-VHT40 MCS0	151	5755	9.50	9.50	12.50
		159	5795	9.50	9.50	12.50
	802.11ac-VHT80 MCS0	155	5775	9.50	9.50	12.50
	802.11ax-HE20 MCS0	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11ax-HE40 MCS0	151	5755	9.50	9.50	12.50
		159	5795	9.50	9.50	12.50
	802.11ax-HE80 MCS0	155	5775	9.50	9.50	12.50
	802.11be-EHT20 MCS0	149	5745	9.50	9.50	12.50
		157	5785	9.50	9.50	12.50
		165	5825	9.50	9.50	12.50
	802.11be-EHT40 MCS0	151	5755	9.50	9.50	12.50
		159	5795	9.50	9.50	12.50
	802.11be-EHT80 MCS0	155	5775	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11n-HT20 MCS0	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11n-HT40 MCS0	167	5835	9.50	9.50	12.50
		175	5875	9.50	9.50	12.50
	802.11ac-VHT20 MCS0	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11ac-VHT40 MCS0	167	5835	9.50	9.50	12.50
		175	5875	9.50	9.50	12.50
	802.11ac-VHT80 MCS0	171	5855	9.50	9.50	12.50
	802.11ac-VHT160 MCS0	163	5815	9.50	9.50	12.50
	802.11ax-HE20 MCS0	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11ax-HE40 MCS0	167	5835	9.50	9.50	12.50
		175	5875	9.50	9.50	12.50
	802.11ax-HE80 MCS0	171	5855	9.50	9.50	12.50
	802.11ax-HE160 MCS0	163	5815	9.50	9.50	12.50
	802.11be-EHT20 MCS0	169	5845	9.50	9.50	12.50
		173	5865	9.50	9.50	12.50
		177	5885	9.50	9.50	12.50
	802.11be-EHT40 MCS0	167	5835	9.50	9.50	12.50
		175	5875	9.50	9.50	12.50
	802.11be-EHT80 MCS0	171	5855	9.50	9.50	12.50
	802.11be-EHT160 MCS0	163	5815	9.50	9.50	12.50

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<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.50	22.50
		6	2437	22.50	22.50
		11	2462	22.50	22.50
		12	2467	22.50	22.50
		13	2472	21.00	22.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	19.50	19.50	22.50
		6	2437	22.00	22.00	25.00
		11	2462	21.00	21.00	24.00
		12	2467	16.50	16.50	19.50
		13	2472	10.50	10.50	13.50
	802.11n-HT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	21.00	21.00	24.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ac-VHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	21.00	21.00	24.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	21.00	21.00	24.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	21.00	21.00	24.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.50	17.50	20.50
		40	5200	17.50	17.50	20.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11n-HT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11n-HT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ac-VHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11ac-VHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ac-VHT80 MCS0	42	5210	10.00	10.00	13.00
	802.11ax-HE20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11ax-HE40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ax-HE80 MCS0	42	5210	10.00	10.00	13.00
	802.11be-EHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11be-EHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11be-EHT80 MCS0	42	5210	10.00	10.00	13.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.50	18.50	21.50
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	14.50	14.50	17.50
	802.11n-HT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11n-HT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11ac-VHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11ax-HE40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11be-EHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.00	18.00	21.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	15.50	15.50	18.50
		144	5720	19.00	19.00	22.00
	802.11n-HT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11n-HT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ac-VHT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11ac-VHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ac-VHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11ac-VHT160 MCS0	114	5570	9.50	9.50	12.50
	802.11ax-HE20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11ax-HE40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ax-HE80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11ax-HE160 MCS0	114	5570	9.50	9.50	12.50
	802.11be-EHT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11be-EHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11be-EHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11be-EHT160 MCS0	114	5570	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11n-HT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11n-HT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ac-VHT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11ac-VHT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ac-VHT80 MCS0	155	5775	20.00	20.00	23.00
	802.11ax-HE20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11ax-HE40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ax-HE80 MCS0	155	5775	20.00	20.00	23.00
	802.11be-EHT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11be-EHT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11be-EHT80 MCS0	155	5775	20.00	20.00	23.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ac-VHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11ac-VHT160 MCS0	163	5815	15.50	15.50	18.50
	802.11ax-HE20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ax-HE40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ax-HE80 MCS0	171	5855	18.00	18.00	21.00
	802.11ax-HE160 MCS0	163	5815	15.50	15.50	18.50
	802.11be-EHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11be-EHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11be-EHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11be-EHT160 MCS0	163	5815	16.00	16.00	19.00

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<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.50	22.50
		6	2437	22.50	22.50
		11	2462	22.50	22.50
		12	2467	22.50	22.50
		13	2472	21.00	21.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	19.50	19.50	22.50
		6	2437	22.00	22.00	25.00
		11	2462	21.00	21.00	24.00
		12	2467	16.50	16.50	19.50
		13	2472	10.50	10.50	13.50
	802.11n-HT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	21.00	21.00	24.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ac-VHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	21.00	21.00	24.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	21.00	21.00	24.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	21.00	21.00	24.00
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.50	17.50	20.50
		40	5200	17.50	17.50	20.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11n-HT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11n-HT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ac-VHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11ac-VHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ac-VHT80 MCS0	42	5210	10.00	10.00	13.00
	802.11ax-HE20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11ax-HE40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ax-HE80 MCS0	42	5210	10.00	10.00	13.00
	802.11be-EHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11be-EHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11be-EHT80 MCS0	42	5210	10.00	10.00	13.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.50	18.50	21.50
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	14.50	14.50	17.50
	802.11n-HT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11n-HT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11ac-VHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11ax-HE40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11be-EHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.00	18.00	21.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	15.50	15.50	18.50
		144	5720	19.00	19.00	22.00
	802.11n-HT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11n-HT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ac-VHT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11ac-VHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ac-VHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11ac-VHT160 MCS0	114	5570	9.50	9.50	12.50
	802.11ax-HE20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11ax-HE40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ax-HE80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11ax-HE160 MCS0	114	5570	9.50	9.50	12.50
	802.11be-EHT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11be-EHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11be-EHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11be-EHT160 MCS0	114	5570	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11n-HT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11n-HT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ac-VHT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11ac-VHT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ac-VHT80 MCS0	155	5775	20.00	20.00	23.00
	802.11ax-HE20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11ax-HE40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11ax-HE80 MCS0	155	5775	20.00	20.00	23.00
	802.11be-EHT20 MCS0	149	5745	21.00	21.00	24.00
		157	5785	21.00	21.00	24.00
		165	5825	21.00	21.00	24.00
	802.11be-EHT40 MCS0	151	5755	20.00	20.00	23.00
		159	5795	20.00	20.00	23.00
	802.11be-EHT80 MCS0	155	5775	20.00	20.00	23.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ac-VHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11ac-VHT160 MCS0	163	5815	15.50	15.50	18.50
	802.11ax-HE20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ax-HE40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ax-HE80 MCS0	171	5855	18.00	18.00	21.00
	802.11ax-HE160 MCS0	163	5815	15.50	15.50	18.50
	802.11be-EHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11be-EHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11be-EHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11be-EHT160 MCS0	163	5815	16.00	16.00	19.00

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<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.50	19.50
		6	2437	19.50	19.50
		11	2462	19.50	19.50
		12	2467	19.50	19.50
		13	2472	19.50	19.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	19.50	19.50	22.50
		6	2437	19.50	19.50	22.50
		11	2462	19.50	19.50	22.50
		12	2467	16.50	16.50	19.50
		13	2472	10.50	10.50	13.50
	802.11n-HT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	19.50	19.50	22.50
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ac-VHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	19.50	19.50	22.50
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	19.50	19.50	22.50
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	2412	17.00	17.00	20.00
		6	2437	19.50	19.50	22.50
		11	2462	17.00	17.00	20.00
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.50	17.50	20.50
		40	5200	17.50	17.50	20.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11n-HT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11n-HT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ac-VHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11ac-VHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ac-VHT80 MCS0	42	5210	10.00	10.00	13.00
	802.11ax-HE20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11ax-HE40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11ax-HE80 MCS0	42	5210	10.00	10.00	13.00
	802.11be-EHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	19.00	19.00	22.00
		48	5240	19.00	19.00	22.00
	802.11be-EHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	19.00	19.00	22.00
	802.11be-EHT80 MCS0	42	5210	10.00	10.00	13.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.50	18.50	21.50
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	14.50	14.50	17.50
	802.11n-HT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11n-HT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11ac-VHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11ax-HE40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	19.00	19.00	22.00
		56	5280	19.00	19.00	22.00
		60	5300	19.00	19.00	22.00
		64	5320	12.50	12.50	15.50
	802.11be-EHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.00	18.00	21.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	15.50	15.50	18.50
		144	5720	19.00	19.00	22.00
	802.11n-HT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11n-HT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ac-VHT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11ac-VHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ac-VHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11ac-VHT160 MCS0	114	5570	9.50	9.50	12.50
	802.11ax-HE20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11ax-HE40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ax-HE80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11ax-HE160 MCS0	114	5570	9.50	9.50	12.50
	802.11be-EHT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11be-EHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11be-EHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11be-EHT160 MCS0	114	5570	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.00	18.00	21.00
		157	5785	18.00	18.00	21.00
		165	5825	18.00	18.00	21.00
	802.11n-HT20 MCS0	149	5745	18.00	18.00	21.00
		157	5785	18.00	18.00	21.00
		165	5825	18.00	18.00	21.00
	802.11n-HT40 MCS0	151	5755	18.00	18.00	21.00
		159	5795	18.00	18.00	21.00
	802.11ac-VHT20 MCS0	149	5745	18.00	18.00	21.00
		157	5785	18.00	18.00	21.00
		165	5825	18.00	18.00	21.00
	802.11ac-VHT40 MCS0	151	5755	18.00	18.00	21.00
		159	5795	18.00	18.00	21.00
	802.11ac-VHT80 MCS0	155	5775	18.00	18.00	21.00
	802.11ax-HE20 MCS0	149	5745	18.00	18.00	21.00
		157	5785	18.00	18.00	21.00
		165	5825	18.00	18.00	21.00
	802.11ax-HE40 MCS0	151	5755	18.00	18.00	21.00
		159	5795	18.00	18.00	21.00
	802.11ax-HE80 MCS0	155	5775	18.00	18.00	21.00
	802.11be-EHT20 MCS0	149	5745	18.00	18.00	21.00
		157	5785	18.00	18.00	21.00
		165	5825	18.00	18.00	21.00
	802.11be-EHT40 MCS0	151	5755	18.00	18.00	21.00
		159	5795	18.00	18.00	21.00
	802.11be-EHT80 MCS0	155	5775	18.00	18.00	21.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ac-VHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11ac-VHT160 MCS0	163	5815	15.50	15.50	18.50
	802.11ax-HE20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ax-HE40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ax-HE80 MCS0	171	5855	18.00	18.00	21.00
	802.11ax-HE160 MCS0	163	5815	15.50	15.50	18.50
	802.11be-EHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11be-EHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11be-EHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11be-EHT160 MCS0	163	5815	16.00	16.00	19.00

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<2.4GHz WLAN>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.50	15.50
		6	2437	15.50	15.50
		11	2462	15.50	15.50
		12	2467	15.50	15.50
		13	2472	15.50	15.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
2.4GHz WLAN	802.11g 6Mbps	1	2412	15.50	15.50	18.50
		6	2437	15.50	15.50	18.50
		11	2462	15.50	15.50	18.50
		12	2467	15.50	15.50	18.50
		13	2472	10.50	10.50	13.50
	802.11n-HT20 MCS0	1	2412	15.50	15.50	18.50
		6	2437	15.50	15.50	18.50
		11	2462	15.50	15.50	18.50
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ac-VHT20 MCS0	1	2412	15.50	15.50	18.50
		6	2437	15.50	15.50	18.50
		11	2462	15.50	15.50	18.50
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	2412	15.50	15.50	18.50
		6	2437	15.50	15.50	18.50
		11	2462	15.50	15.50	18.50
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	2412	15.50	15.50	18.50
		6	2437	15.50	15.50	18.50
		11	2462	15.50	15.50	18.50
		12	2467	15.00	15.00	18.00
		13	2472	12.00	12.00	15.00

<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.00	17.00	20.00
		40	5200	17.00	17.00	20.00
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11n-HT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11n-HT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ac-VHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11ac-VHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ac-VHT80 MCS0	42	5210	10.00	10.00	13.00
	802.11ax-HE20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11ax-HE40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ax-HE80 MCS0	42	5210	10.00	10.00	13.00
	802.11be-EHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11be-EHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11be-EHT80 MCS0	42	5210	10.00	10.00	13.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	14.50	14.50	17.50
	802.11n-HT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11n-HT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11ac-VHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11ax-HE40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11be-EHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.00	18.00	21.00
		116	5580	18.50	18.50	21.50
		124	5620	18.50	18.50	21.50
		132	5660	18.50	18.50	21.50
		140	5700	15.50	15.50	18.50
		144	5720	18.50	18.50	21.50
	802.11n-HT20 MCS0	100	5500	18.50	18.50	21.50
		116	5580	18.50	18.50	21.50
		124	5620	18.50	18.50	21.50
		132	5660	18.50	18.50	21.50
		140	5700	13.50	13.50	16.50
		144	5720	18.50	18.50	21.50
	802.11n-HT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	18.50	18.50	21.50
		126	5630	18.50	18.50	21.50
		134	5670	15.50	15.50	18.50
		142	5710	18.50	18.50	21.50
	802.11ac-VHT20 MCS0	100	5500	18.50	18.50	21.50
		116	5580	18.50	18.50	21.50
		124	5620	18.50	18.50	21.50
		132	5660	18.50	18.50	21.50
		140	5700	13.50	13.50	16.50
		144	5720	18.50	18.50	21.50
	802.11ac-VHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	18.50	18.50	21.50
		126	5630	18.50	18.50	21.50
		134	5670	15.50	15.50	18.50
		142	5710	18.50	18.50	21.50
	802.11ac-VHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	18.50	18.50	21.50
		138	5690	18.50	18.50	21.50
	802.11ac-VHT160 MCS0	114	5570	9.50	9.50	12.50
	802.11ax-HE20 MCS0	100	5500	18.50	18.50	21.50
		116	5580	18.50	18.50	21.50
		124	5620	18.50	18.50	21.50
		132	5660	18.50	18.50	21.50
		140	5700	13.50	13.50	16.50
		144	5720	18.50	18.50	21.50
	802.11ax-HE40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	18.50	18.50	21.50
		126	5630	18.50	18.50	21.50
		134	5670	15.50	15.50	18.50
		142	5710	18.50	18.50	21.50
	802.11ax-HE80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	18.50	18.50	21.50
		138	5690	18.50	18.50	21.50
	802.11ax-HE160 MCS0	114	5570	9.50	9.50	12.50
	802.11be-EHT20 MCS0	100	5500	18.50	18.50	21.50
		116	5580	18.50	18.50	21.50
		124	5620	18.50	18.50	21.50
		132	5660	18.50	18.50	21.50
		140	5700	13.50	13.50	16.50
		144	5720	18.50	18.50	21.50
	802.11be-EHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	18.50	18.50	21.50
		126	5630	18.50	18.50	21.50
		134	5670	15.50	15.50	18.50
		142	5710	18.50	18.50	21.50
	802.11be-EHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	18.50	18.50	21.50
		138	5690	18.50	18.50	21.50
	802.11be-EHT160 MCS0	114	5570	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.50	15.50	18.50
		157	5785	15.50	15.50	18.50
		165	5825	15.50	15.50	18.50
	802.11n-HT20 MCS0	149	5745	15.50	15.50	18.50
		157	5785	15.50	15.50	18.50
		165	5825	15.50	15.50	18.50
	802.11n-HT40 MCS0	151	5755	15.50	15.50	18.50
		159	5795	15.50	15.50	18.50
	802.11ac-VHT20 MCS0	149	5745	15.50	15.50	18.50
		157	5785	15.50	15.50	18.50
		165	5825	15.50	15.50	18.50
	802.11ac-VHT40 MCS0	151	5755	15.50	15.50	18.50
		159	5795	15.50	15.50	18.50
	802.11ac-VHT80 MCS0	155	5775	15.50	15.50	18.50
	802.11ax-HE20 MCS0	149	5745	15.50	15.50	18.50
		157	5785	15.50	15.50	18.50
		165	5825	15.50	15.50	18.50
	802.11ax-HE40 MCS0	151	5755	15.50	15.50	18.50
		159	5795	15.50	15.50	18.50
	802.11ax-HE80 MCS0	155	5775	15.50	15.50	18.50
	802.11be-EHT20 MCS0	149	5745	15.50	15.50	18.50
		157	5785	15.50	15.50	18.50
		165	5825	15.50	15.50	18.50
	802.11be-EHT40 MCS0	151	5755	15.50	15.50	18.50
		159	5795	15.50	15.50	18.50
	802.11be-EHT80 MCS0	155	5775	15.50	15.50	18.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ac-VHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11ac-VHT160 MCS0	163	5815	15.50	15.50	18.50
	802.11ax-HE20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ax-HE40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ax-HE80 MCS0	171	5855	18.00	18.00	21.00
	802.11ax-HE160 MCS0	163	5815	15.50	15.50	18.50
	802.11be-EHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11be-EHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11be-EHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11be-EHT160 MCS0	163	5815	16.00	16.00	19.00

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<5GHz WLAN>

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.00	17.00	20.00
		40	5200	17.00	17.00	20.00
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11n-HT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11n-HT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ac-VHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11ac-VHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ac-VHT80 MCS0	42	5210	10.00	10.00	13.00
	802.11ax-HE20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11ax-HE40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11ax-HE80 MCS0	42	5210	10.00	10.00	13.00
	802.11be-EHT20 MCS0	36	5180	15.50	15.50	18.50
		40	5200	15.50	15.50	18.50
		44	5220	17.00	17.00	20.00
		48	5240	17.00	17.00	20.00
	802.11be-EHT40 MCS0	38	5190	12.50	12.50	15.50
		46	5230	17.00	17.00	20.00
	802.11be-EHT80 MCS0	42	5210	10.00	10.00	13.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	14.50	14.50	17.50
	802.11n-HT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11n-HT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11ac-VHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ac-VHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11ac-VHT160 MCS0	50	5250	9.00	9.00	12.00
	802.11ax-HE20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11ax-HE40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11ax-HE80 MCS0	58	5290	9.00	9.00	12.00
	802.11ax-HE160 MCS0	50	5250	9.50	9.50	12.50
	802.11be-EHT20 MCS0	52	5260	17.00	17.00	20.00
		56	5280	17.00	17.00	20.00
		60	5300	17.00	17.00	20.00
		64	5320	12.50	12.50	15.50
	802.11be-EHT40 MCS0	54	5270	16.50	16.50	19.50
		62	5310	8.00	8.00	11.00
	802.11be-EHT80 MCS0	58	5290	9.00	9.00	12.00
	802.11be-EHT160 MCS0	50	5250	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.00	18.00	21.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	15.50	15.50	18.50
		144	5720	19.00	19.00	22.00
	802.11n-HT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11n-HT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ac-VHT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11ac-VHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ac-VHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11ac-VHT160 MCS0	114	5570	9.50	9.50	12.50
	802.11ax-HE20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11ax-HE40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11ax-HE80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11ax-HE160 MCS0	114	5570	9.50	9.50	12.50
	802.11be-EHT20 MCS0	100	5500	19.00	19.00	22.00
		116	5580	19.00	19.00	22.00
		124	5620	19.00	19.00	22.00
		132	5660	19.00	19.00	22.00
		140	5700	13.50	13.50	16.50
		144	5720	19.00	19.00	22.00
	802.11be-EHT40 MCS0	102	5510	14.50	14.50	17.50
		110	5550	19.00	19.00	22.00
		126	5630	19.00	19.00	22.00
		134	5670	15.50	15.50	18.50
		142	5710	19.00	19.00	22.00
	802.11be-EHT80 MCS0	106	5530	10.50	10.50	13.50
		122	5610	19.00	19.00	22.00
		138	5690	19.00	19.00	22.00
	802.11be-EHT160 MCS0	114	5570	9.50	9.50	12.50

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.8GHz WLAN	802.11a 6Mbps	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11n-HT20 MCS0	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11n-HT40 MCS0	151	5755	16.00	16.00	19.00
		159	5795	16.00	16.00	19.00
	802.11ac-VHT20 MCS0	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11ac-VHT40 MCS0	151	5755	16.00	16.00	19.00
		159	5795	16.00	16.00	19.00
	802.11ac-VHT80 MCS0	155	5775	16.00	16.00	19.00
	802.11ax-HE20 MCS0	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11ax-HE40 MCS0	151	5755	16.00	16.00	19.00
		159	5795	16.00	16.00	19.00
	802.11ax-HE80 MCS0	155	5775	16.00	16.00	19.00
	802.11be-EHT20 MCS0	149	5745	16.00	16.00	19.00
		157	5785	16.00	16.00	19.00
		165	5825	16.00	16.00	19.00
	802.11be-EHT40 MCS0	151	5755	16.00	16.00	19.00
		159	5795	16.00	16.00	19.00
	802.11be-EHT80 MCS0	155	5775	16.00	16.00	19.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
5.9GHz WLAN UNII 4	802.11a 6Mbps	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11n-HT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ac-VHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ac-VHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11ac-VHT160 MCS0	163	5815	15.50	15.50	18.50
	802.11ax-HE20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11ax-HE40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11ax-HE80 MCS0	171	5855	18.00	18.00	21.00
	802.11ax-HE160 MCS0	163	5815	15.50	15.50	18.50
	802.11be-EHT20 MCS0	169	5845	18.00	18.00	21.00
		173	5865	18.00	18.00	21.00
		177	5885	18.00	18.00	21.00
	802.11be-EHT40 MCS0	167	5835	18.00	18.00	21.00
		175	5875	18.00	18.00	21.00
	802.11be-EHT80 MCS0	171	5855	18.00	18.00	21.00
	802.11be-EHT160 MCS0	163	5815	16.00	16.00	19.00

<Maximum Power - Power Index 0> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 4+3(4)	Tune-Up Limit Ant 4+3(3)	Tune-Up Limit Ant 4+3
WiFi 6E	802.11a 6Mbps	1	5955	21	21	24
		49	6195	21	21	24
		93	6415	21	21	24
		117	6535	21	21	24
		149	6695	21	21	24
		181	6855	21	21	24
	802.11ax-HE20 MCS0	1	5955	21	21	24
		49	6195	21	21	24
		93	6415	21	21	24
		117	6535	21	21	24
		149	6695	21	21	24
		181	6855	21	21	24
	802.11ax-HE40 MCS0	3	5965	20	20	23
		51	6205	20	20	23
		91	6405	20	20	23
		123	6565	20	20	23
		147	6685	20	20	23
		179	6845	20	20	23
	802.11ax-HE80 MCS0	7	5985	18	18	21
		55	6225	20	20	23
		87	6385	20	20	23
		135	6625	20	20	23
		151	6705	20	20	23
		167	6785	20	20	23
	802.11ax-HE160 MCS0	15	6025	17	17	20
		47	6185	20	20	23
		79	6345	20	20	23
		143	6665	20	20	23

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 4+3		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 4+3(4)	Tune-Up Limit Ant 4+3(3)	Tune-Up Limit Ant 4+3
WiFi 6E	802.11be-EHT20 MCS0	1	5955	21	21	24
		49	6195	21	21	24
		93	6415	21	21	24
		117	6535	21	21	24
		149	6695	21	21	24
		181	6855	21	21	24
	802.11be-EHT40 MCS0	3	5965	20	20	23
		51	6205	20	20	23
		91	6405	20	20	23
		123	6565	20	20	23
		147	6685	20	20	23
		179	6845	20	20	23
	802.11be-EHT80 MCS0	7	5985	18	18	21
		55	6225	20	20	23
		87	6385	20	20	23
		135	6625	20	20	23
		151	6705	20	20	23
		167	6785	20	20	23
	802.11be-EHT160 MCS0	15	6025	17	17	20
		47	6185	20	20	23
		79	6345	20	20	23
		143	6665	20	20	23

<Power Index 1> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	12.50	12.50	15.50
		57	6235	12.50	12.50	15.50
		173	6815	14.00	14.00	17.00
	802.11ax-HE20 MCS0	1	5955	12.50	12.50	15.50
		57	6235	12.50	12.50	15.50
		173	6815	14.00	14.00	17.00
	802.11ax-HE40 MCS0	3	5965	12.50	12.50	15.50
		59	6245	12.50	12.50	15.50
		171	6805	14.00	14.00	17.00
	802.11ax-HE80 MCS0	7	5985	12.50	12.50	15.50
		71	6305	12.50	12.50	15.50
		167	6785	14.00	14.00	17.00
	802.11ax-HE160 MCS0	15	6025	12.50	12.50	15.50
		47	6185	12.50	12.50	15.50
		143	6665	15.00	15.00	18.00
	802.11be-EHT20 MCS0	1	5955	12.50	12.50	15.50
		57	6235	12.50	12.50	15.50
		173	6815	14.00	14.00	17.00
	802.11be-EHT40 MCS0	3	5965	12.50	12.50	15.50
		59	6245	12.50	12.50	15.50
		171	6805	14.00	14.00	17.00
	802.11be-EHT80 MCS0	7	5985	12.50	12.50	15.50
		71	6305	12.50	12.50	15.50
		167	6785	14.00	14.00	17.00
	802.11be-EHT160 MCS0	15	6025	12.50	12.50	15.50
		47	6185	12.50	12.50	15.50
		143	6665	15.00	15.00	18.00

< Power Index 2> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	12.50	12.50	15.50
		57	6235	12.50	12.50	15.50
		173	6815	14.00	14.00	17.00
	802.11ax-HE20 MCS0	1	5955	12.50	12.50	15.50
		57	6235	12.50	12.50	15.50
		173	6815	14.00	14.00	17.00
	802.11ax-HE40 MCS0	3	5965	12.50	12.50	15.50
		59	6245	12.50	12.50	15.50
		171	6805	14.00	14.00	17.00
	802.11ax-HE80 MCS0	7	5985	12.50	12.50	15.50
		71	6305	12.50	12.50	15.50
		167	6785	14.00	14.00	17.00
	802.11ax-HE160 MCS0	15	6025	12.50	12.50	15.50
		47	6185	12.50	12.50	15.50
		143	6665	15.00	15.00	18.00
	802.11be-EHT20 MCS0	1	5955	12.50	12.50	15.50
		57	6235	12.50	12.50	15.50
		173	6815	14.00	14.00	17.00
	802.11be-EHT40 MCS0	3	5965	12.50	12.50	15.50
		59	6245	12.50	12.50	15.50
		171	6805	14.00	14.00	17.00
	802.11be-EHT80 MCS0	7	5985	12.50	12.50	15.50
		71	6305	12.50	12.50	15.50
		167	6785	14.00	14.00	17.00
	802.11be-EHT160 MCS0	15	6025	12.50	12.50	15.50
		47	6185	12.50	12.50	15.50
		143	6665	15.00	15.00	18.00

< Power Index 3> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	10.50	10.50	13.50
		57	6235	10.50	10.50	13.50
		173	6815	11.00	11.00	14.00
	802.11ax-HE20 MCS0	1	5955	10.50	10.50	13.50
		57	6235	10.50	10.50	13.50
		173	6815	11.00	11.00	14.00
	802.11ax-HE40 MCS0	3	5965	10.50	10.50	13.50
		59	6245	10.50	10.50	13.50
		171	6805	11.00	11.00	14.00
	802.11ax-HE80 MCS0	7	5985	10.50	10.50	13.50
		71	6305	10.50	10.50	13.50
		167	6785	11.00	11.00	14.00
	802.11ax-HE160 MCS0	15	6025	10.50	10.50	13.50
		47	6185	10.50	10.50	13.50
		143	6665	11.00	11.00	14.00
	802.11be-EHT20 MCS0	1	5955	10.50	10.50	13.50
		57	6235	10.50	10.50	13.50
		173	6815	11.00	11.00	14.00
	802.11be-EHT40 MCS0	3	5965	10.50	10.50	13.50
		59	6245	10.50	10.50	13.50
		171	6805	11.00	11.00	14.00
	802.11be-EHT80 MCS0	7	5985	10.50	10.50	13.50
		71	6305	10.50	10.50	13.50
		167	6785	11.00	11.00	14.00
	802.11be-EHT160 MCS0	15	6025	10.50	10.50	13.50
		47	6185	10.50	10.50	13.50
		143	6665	11.00	11.00	14.00

<Power Index 4> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	10.50	10.50	13.50
		57	6235	10.50	10.50	13.50
		173	6815	11.00	11.00	14.00
	802.11ax-HE20 MCS0	1	5955	10.50	10.50	13.50
		57	6235	10.50	10.50	13.50
		173	6815	11.00	11.00	14.00
	802.11ax-HE40 MCS0	3	5965	10.50	10.50	13.50
		59	6245	10.50	10.50	13.50
		171	6805	11.00	11.00	14.00
	802.11ax-HE80 MCS0	7	5985	10.50	10.50	13.50
		71	6305	10.50	10.50	13.50
		167	6785	11.00	11.00	14.00
	802.11ax-HE160 MCS0	15	6025	10.50	10.50	13.50
		47	6185	10.50	10.50	13.50
		143	6665	11.00	11.00	14.00
	802.11be-EHT20 MCS0	1	5955	10.50	10.50	13.50
		57	6235	10.50	10.50	13.50
		173	6815	11.00	11.00	14.00
	802.11be-EHT40 MCS0	3	5965	10.50	10.50	13.50
		59	6245	10.50	10.50	13.50
		171	6805	11.00	11.00	14.00
	802.11be-EHT80 MCS0	7	5985	10.50	10.50	13.50
		71	6305	10.50	10.50	13.50
		167	6785	11.00	11.00	14.00
	802.11be-EHT160 MCS0	15	6025	10.50	10.50	13.50
		47	6185	10.50	10.50	13.50
		143	6665	11.00	11.00	14.00

<Power Index 5> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11be-EHT40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00

<Power Index 6> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11be-EHT40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00

<Power Index 7> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11be-EHT40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00

<Power Index 8> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11be-EHT40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00

<Power Index 9> - Standard Power client (SP)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11ax-HE40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	5955	11.50	11.50	14.50
		57	6235	11.50	11.50	14.50
		173	6815	12.00	12.00	15.00
	802.11be-EHT40 MCS0	3	5965	11.50	11.50	14.50
		59	6245	11.50	11.50	14.50
		171	6805	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		167	6785	12.00	12.00	15.00
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		143	6665	12.00	12.00	15.00

<Maximum Power - Power Index 0>- Low Power Indoor (LPI)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	6	6	9
		49	6195	6	6	9
		93	6415	6	6	9
		97	6435	6	6	9
		105	6475	6	6	9
		113	6515	6	6	9
		117	6535	6	6	9
		149	6695	2	5	6.8
		181	6855	5	5	8
		185	6875	5	5	8
		189	6895	5	5	8
		209	6995	4	6	8.1
		229	7095	3	6	7.8

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11ax-HE20 MCS0	1	5955	7.5	7.5	10.5
		49	6195	7.5	7.5	10.5
		93	6415	7.5	7.5	10.5
		97	6435	6	6	9
		105	6475	6	6	9
		113	6515	6	6	9
		117	6535	8	8	11
		149	6695	6	8	10.1
		181	6855	8	8	11
		185	6875	7	9	11.1
		189	6895	7	9	11.1
		209	6995	7	9	11.1
		229	7095	7	9	11.1
	802.11ax-HE40 MCS0	3	5965	7.5	7.5	10.5
		51	6205	11	11	14
		91	6405	11	11	14
		99	6445	8.5	8.5	11.5
		107	6485	7.5	7.5	10.5
		115	6525	7.5	7.5	10.5
		123	6565	11	11	14
		147	6685	11	11	14
		179	6845	8	8	11
		187	6885	8	8	11
		195	6925	7	9	11.1
		211	7005	12	12	15
		227	7085	12	12	15
	802.11ax-HE80 MCS0	7	5985	14	14	17
		55	6225	14.5	14.5	17.5
		87	6385	14.5	14.5	17.5
		103	6465	12	12	15
		119	6545	12	12	15
		135	6625	14.5	14.5	17.5
		151	6705	14.5	14.5	17.5
		167	6785	14.5	14.5	17.5
		183	6865	14.5	14.5	17.5
		199	6945	15	15	18
		215	7025	15	15	18

	802.11ax-HE160 MCS0	15	6025	17	17	20
		47	6185	17	17	20
		79	6345	17	17	20
		111	6505	15	15	18
		143	6665	17.5	17.5	20.5
		175	6825	17.5	17.5	20.5
		207	6985	19	19	22

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11be-EHT20 MCS0	1	5955	7.5	7.5	10.5
		49	6195	7.5	7.5	10.5
		93	6415	7.5	7.5	10.5
		97	6435	6	6	9
		105	6475	6	6	9
		113	6515	6	6	9
		117	6535	8	8	11
		149	6695	6	8	10.1
		181	6855	8	8	11
		185	6875	7	9	11.1
		189	6895	7	9	11.1
		209	6995	7	9	11.1
		229	7095	7	9	11.1
	802.11be-EHT40 MCS0	3	5965	7.5	7.5	10.5
		51	6205	11	11	14
		91	6405	11	11	14
		99	6445	8.5	8.5	11.5
		107	6485	7.5	7.5	10.5
		115	6525	7.5	7.5	10.5
		123	6565	11	11	14
		147	6685	11	11	14
		179	6845	8	8	11
		187	6885	8	8	11
		195	6925	7	9	11.1
		211	7005	12	12	15
		227	7085	12	12	15
	802.11be-EHT80 MCS0	7	5985	14	14	17
		55	6225	14.5	14.5	17.5
		87	6385	14.5	14.5	17.5
		103	6465	12	12	15
		119	6545	12	12	15
		135	6625	14.5	14.5	17.5
		151	6705	14.5	14.5	17.5
		167	6785	14.5	14.5	17.5
		183	6865	14.5	14.5	17.5
		199	6945	15	15	18
		215	7025	15	15	18
	802.11be-EHT160 MCS0	15	6025	17	17	20
		47	6185	17	17	20
		79	6345	17	17	20
		111	6505	15	15	18
		143	6665	17.5	17.5	20.5
		175	6825	17.5	17.5	20.5
		207	6985	19	19	22

<Power Index 1 / Power Index 2>- Low Power Indoor (LPI)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	6.00	6.00	9.00
		57	6235	6.00	6.00	9.00
		113	6515	6.00	6.00	9.00
		173	6815	6.00	6.00	9.00
	802.11ax-HE20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11ax-HE40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	12.50	12.50	15.50
		71	6305	12.50	12.50	15.50
		119	6545	12.00	12.00	15.00
		167	6785	14.50	14.50	17.50
		215	7025	15.00	15.00	18.00
	802.11ax-HE160 MCS0	15	6025	12.50	12.50	15.50
		47	6185	12.50	12.50	15.50
		111	6505	14.00	14.00	17.00
		143	6665	15.00	15.00	18.00
		207	6985	17.50	17.50	20.50
	802.11be-EHT20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11be-EHT40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	12.50	12.50	15.50
		71	6305	12.50	12.50	15.50
		119	6545	12.00	12.00	15.00
		167	6785	14.50	14.50	17.50
		215	7025	15.00	15.00	18.00
	802.11be-EHT160 MCS0	15	6025	12.50	12.50	15.50
		47	6185	12.50	12.50	15.50
		111	6505	14.00	14.00	17.00
		143	6665	15.00	15.00	18.00
		207	6985	17.50	17.50	20.50

<Power Index 3 / Power Index 4>- Low Power Indoor (LPI)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	6.00	6.00	9.00
		57	6235	6.00	6.00	9.00
		113	6515	6.00	6.00	9.00
		173	6815	6.00	6.00	9.00
	802.11ax-HE20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11ax-HE40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	10.50	10.50	13.50
		71	6305	10.50	10.50	13.50
		119	6545	11.50	11.50	14.50
		167	6785	11.00	11.00	14.00
		215	7025	12.00	12.00	15.00
	802.11ax-HE160 MCS0	15	6025	10.50	10.50	13.50
		47	6185	10.50	10.50	13.50
		111	6505	11.50	11.50	14.50
		143	6665	11.00	11.00	14.00
		207	6985	12.00	12.00	15.00
	802.11be-EHT20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11be-EHT40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	10.50	10.50	13.50
		71	6305	10.50	10.50	13.50
		119	6545	11.50	11.50	14.50
		167	6785	11.00	11.00	14.00
		215	7025	12.00	12.00	15.00
	802.11be-EHT160 MCS0	15	6025	10.50	10.50	13.50
		47	6185	10.50	10.50	13.50
		111	6505	11.50	11.50	14.50
		143	6665	11.00	11.00	14.00
		207	6985	12.00	12.00	15.00

<Power Index 5>- Low Power Indoor (LPI)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	6.00	6.00	9.00
		57	6235	6.00	6.00	9.00
		113	6515	6.00	6.00	9.00
		173	6815	6.00	6.00	9.00
	802.11ax-HE20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11ax-HE40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50
	802.11be-EHT20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11be-EHT40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50

<Power Index 6>- Low Power Indoor (LPI)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	6.00	6.00	9.00
		57	6235	6.00	6.00	9.00
		113	6515	6.00	6.00	9.00
		173	6815	6.00	6.00	9.00
	802.11ax-HE20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11ax-HE40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50
	802.11be-EHT20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11be-EHT40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50

<Power Index 7>- Low Power Indoor (LPI)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	6.00	6.00	9.00
		57	6235	6.00	6.00	9.00
		113	6515	6.00	6.00	9.00
		173	6815	6.00	6.00	9.00
	802.11ax-HE20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11ax-HE40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50
	802.11be-EHT20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11be-EHT40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50

<Power Index 8>- Low Power Indoor (LPI)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	6.00	6.00	9.00
		57	6235	6.00	6.00	9.00
		113	6515	6.00	6.00	9.00
		173	6815	6.00	6.00	9.00
	802.11ax-HE20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11ax-HE40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50
	802.11be-EHT20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11be-EHT40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50

<Power Index 9>- Low Power Indoor (LPI)

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
WiFi 6E	802.11a 6Mbps	1	5955	6.00	6.00	9.00
		57	6235	6.00	6.00	9.00
		113	6515	6.00	6.00	9.00
		173	6815	6.00	6.00	9.00
	802.11ax-HE20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11ax-HE40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11ax-HE80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11ax-HE160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50
	802.11be-EHT20 MCS0	1	5955	7.50	7.50	10.50
		57	6235	7.50	7.50	10.50
		113	6515	6.00	6.00	9.00
		173	6815	8.00	8.00	11.00
	802.11be-EHT40 MCS0	3	5965	7.50	7.50	10.50
		59	6245	10.50	10.50	13.50
		107	6485	7.50	7.50	10.50
		171	6805	8.00	8.00	11.00
		227	7085	12.00	12.00	15.00
	802.11be-EHT80 MCS0	7	5985	11.50	11.50	14.50
		71	6305	11.50	11.50	14.50
		119	6545	10.00	10.00	13.00
		167	6785	12.00	12.00	15.00
		215	7025	13.50	13.50	16.50
	802.11be-EHT160 MCS0	15	6025	11.50	11.50	14.50
		47	6185	11.50	11.50	14.50
		111	6505	10.00	10.00	13.00
		143	6665	12.00	12.00	15.00
		207	6985	13.50	13.50	16.50

<Bluetooth Maximum Power>

General Note:

1. The device implements the power management for Bluetooth SAR compliance for different exposure conditions and user cases. In each exposure condition, the power index selection is determined by the user cases as tested in Section 15 of this report. Full details about the proprietary power management decision are illustrated in the operational description.

<Maximum Power – Power Index 0>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
Bluetooth	BR / EDR 1Mbps	0	2402	20.00	20.00
		39	2441	19.50	19.50
		78	2480	19.50	19.50
	BR / EDR 2Mbps	0	2402	17.00	17.00
		39	2441	16.00	16.00
		78	2480	16.50	16.50
	BR / EDR 3Mbps	0	2402	17.00	17.00
		39	2441	16.00	16.00
		78	2480	16.50	16.50
	LE 1Mbps	0	2402	19.50	19.50
		19	2440	20.00	20.00
		39	2480	20.00	20.00
	LE 2Mbps	0	2402	20.00	20.00
		19	2440	19.50	19.50
		39	2480	19.50	19.50
	BLE CS GFSK 1Mbps	0	2402	20.00	20.00
		39	2441	20.00	20.00
		78	2480	20.00	20.00
	BLE CS GFSK 2Mbps	2	2404	20.00	20.00
		39	2441	20.00	20.00
		76	2478	20.00	20.00
	BLE CS ASK 1Mbps	2	2404	20.00	20.00
		39	2441	20.00	20.00
		76	2478	20.00	20.00
	BLE CS ASK 2Mbps	2	2404	20.00	20.00
		39	2441	20.00	20.00
		76	2478	20.00	20.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 4+3
Bluetooth	BR / EDR 1Mbps	0	2402	20.00	20.00	23.00
		39	2441	19.50	19.50	22.50
		78	2480	19.50	19.50	22.50
	BR / EDR 2Mbps	0	2402	17.00	17.00	20.00
		39	2441	16.00	16.00	19.00
		78	2480	16.50	16.50	19.50
	BR / EDR 3Mbps	0	2402	17.00	17.00	20.00
		39	2441	16.00	16.00	19.00
		78	2480	16.50	16.50	19.50
	LE 1Mbps	0	2402	19.50	19.50	22.50
		19	2440	20.00	20.00	23.00
		39	2480	20.00	20.00	23.00
	LE 2Mbps	0	2402	20.00	20.00	23.00
		19	2440	19.50	19.50	22.50
		39	2480	19.50	19.50	22.50

<Power Index 1>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
Bluetooth	BR / EDR 1Mbps	0	2402	12.00	12.00
		39	2441	12.00	12.00
		78	2480	12.00	12.00
	BR / EDR 2Mbps	0	2402	12.00	12.00
		39	2441	12.00	12.00
		78	2480	12.00	12.00
	BR / EDR 3Mbps	0	2402	12.00	12.00
		39	2441	12.00	12.00
		78	2480	12.00	12.00
	LE 1Mbps	0	2402	12.00	12.00
		19	2440	12.00	12.00
		39	2480	12.00	12.00
	LE 2Mbps	0	2402	12.00	12.00
		19	2440	12.00	12.00
		39	2480	12.00	12.00
	BLE CS GFSK 1Mbps	0	2402	12.00	12.00
		39	2441	12.00	12.00
		78	2480	12.00	12.00
	BLE CS GFSK 2Mbps	2	2404	12.00	12.00
		39	2441	12.00	12.00
		76	2478	12.00	12.00
	BLE CS ASK 1Mbps	2	2404	12.00	12.00
		39	2441	12.00	12.00
		76	2478	12.00	12.00
	BLE CS ASK 2Mbps	2	2404	12.00	12.00
		39	2441	12.00	12.00
		76	2478	12.00	12.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
Bluetooth	BR / EDR 1Mbps	0	2402	12.00	12.00	15.00
		39	2441	12.00	12.00	15.00
		78	2480	12.00	12.00	15.00
	BR / EDR 2Mbps	0	2402	12.00	12.00	15.00
		39	2441	12.00	12.00	15.00
		78	2480	12.00	12.00	15.00
	BR / EDR 3Mbps	0	2402	12.00	12.00	15.00
		39	2441	12.00	12.00	15.00
		78	2480	12.00	12.00	15.00
	LE 1Mbps	0	2402	12.00	12.00	15.00
		19	2440	12.00	12.00	15.00
		39	2480	12.00	12.00	15.00
	LE 2Mbps	0	2402	12.00	12.00	15.00
		19	2440	12.00	12.00	15.00
		39	2480	12.00	12.00	15.00

<Power Index 2>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
Bluetooth	BR / EDR 1Mbps	0	2402	20.00	20.00
		39	2441	19.50	19.50
		78	2480	19.50	19.50
	BR / EDR 2Mbps	0	2402	17.00	17.00
		39	2441	16.00	16.00
		78	2480	16.50	16.50
	BR / EDR 3Mbps	0	2402	17.00	17.00
		39	2441	16.00	16.00
		78	2480	16.50	16.50
	LE 1Mbps	0	2402	19.50	19.50
		19	2440	20.00	20.00
		39	2480	20.00	20.00
	LE 2Mbps	0	2402	20.00	20.00
		19	2440	19.50	19.50
		39	2480	19.50	19.50
	BLE CS GFSK 1Mbps	0	2402	20.00	20.00
		39	2441	20.00	20.00
		78	2480	20.00	20.00
	BLE CS GFSK 2Mbps	2	2404	20.00	20.00
		39	2441	20.00	20.00
		76	2478	20.00	20.00
	BLE CS ASK 1Mbps	2	2404	20.00	20.00
		39	2441	20.00	20.00
		76	2478	20.00	20.00
	BLE CS ASK 2Mbps	2	2404	20.00	20.00
		39	2441	20.00	20.00
		76	2478	20.00	20.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
Bluetooth	BR / EDR 1Mbps	0	2402	20.00	20.00	23.00
		39	2441	19.50	19.50	22.50
		78	2480	19.50	19.50	22.50
	BR / EDR 2Mbps	0	2402	17.00	17.00	20.00
		39	2441	16.00	16.00	19.00
		78	2480	16.50	16.50	19.50
	BR / EDR 3Mbps	0	2402	17.00	17.00	20.00
		39	2441	16.00	16.00	19.00
		78	2480	16.50	16.50	19.50
	LE 1Mbps	0	2402	19.50	19.50	22.50
		19	2440	20.00	20.00	23.00
		39	2480	20.00	20.00	23.00
	LE 2Mbps	0	2402	20.00	20.00	23.00
		19	2440	19.50	19.50	22.50
		39	2480	19.50	19.50	22.50

< Power Index 3 / Power Index 4>

Burst Average Power (dBm)					
Transmit Antenna				SISO Ant 3	SISO Ant 4
	Mode	Channel	Frequency (MHz)	Tune-Up Limit	Tune-Up Limit
Bluetooth	BR / EDR 1Mbps	0	2402	15.00	15.00
		39	2441	15.00	15.00
		78	2480	15.00	15.00
	BR / EDR 2Mbps	0	2402	15.00	15.00
		39	2441	15.00	15.00
		78	2480	15.00	15.00
	BR / EDR 3Mbps	0	2402	15.00	15.00
		39	2441	15.00	15.00
		78	2480	15.00	15.00
	LE 1Mbps	0	2402	15.00	15.00
		19	2440	15.00	15.00
		39	2480	15.00	15.00
	LE 2Mbps	0	2402	15.00	15.00
		19	2440	15.00	15.00
		39	2480	15.00	15.00
	BLE CS GFSK 1Mbps	0	2402	15.00	15.00
		39	2441	15.00	15.00
		78	2480	15.00	15.00
	BLE CS GFSK 2Mbps	2	2404	15.00	15.00
		39	2441	15.00	15.00
		76	2478	15.00	15.00
	BLE CS ASK 1Mbps	2	2404	15.00	15.00
		39	2441	15.00	15.00
		76	2478	15.00	15.00
	BLE CS ASK 2Mbps	2	2404	15.00	15.00
		39	2441	15.00	15.00
		76	2478	15.00	15.00

Burst Average Power (dBm)						
Transmit Antenna				MIMO Ant 3+4		
	Mode	Channel	Frequency (MHz)	Tune-Up Limit Ant 3+4(3)	Tune-Up Limit Ant 3+4(4)	Tune-Up Limit Ant 3+4
Bluetooth	BR / EDR 1Mbps	0	2402	15.00	15.00	18.00
		39	2441	15.00	15.00	18.00
		78	2480	15.00	15.00	18.00
	BR / EDR 2Mbps	0	2402	15.00	15.00	18.00
		39	2441	15.00	15.00	18.00
		78	2480	15.00	15.00	18.00
	BR / EDR 3Mbps	0	2402	15.00	15.00	18.00
		39	2441	15.00	15.00	18.00
		78	2480	15.00	15.00	18.00
	LE 1Mbps	0	2402	15.00	15.00	18.00
		19	2440	15.00	15.00	18.00
		39	2480	15.00	15.00	18.00
	LE 2Mbps	0	2402	15.00	15.00	18.00
		19	2440	15.00	15.00	18.00
		39	2480	15.00	15.00	18.00

<Thread Maximum Power>

Burst Average Power (dBm)				
Transmit Antenna				Ant 3
Thread	Data Rate	Channel	Frequency (MHz)	Tune-Up Limit
	250K	11	2405	19.00
		18	2440	19.00
		25	2475	19.00
		26	2480	19.00

<Power Index 1>

Burst Average Power (dBm)				
Transmit Antenna				Ant 3
Thread	Data Rate	Channel	Frequency (MHz)	Tune-Up Limit
	250K	11	2405	11.00
		18	2440	11.00
		25	2475	11.00
		26	2480	11.00

<Power Index 2>

Burst Average Power (dBm)				
Transmit Antenna				Ant 3
Thread	Data Rate	Channel	Frequency (MHz)	Tune-Up Limit
	250K	11	2405	19.00
		18	2440	19.00
		25	2475	19.00
		26	2480	19.00

<Power Index 3 / Power Index 4>

Burst Average Power (dBm)				
Transmit Antenna				Ant 3
Thread	Data Rate	Channel	Frequency (MHz)	Tune-Up Limit
	250K	11	2405	14.50
		18	2440	14.50
		25	2475	14.50
		26	2480	14.50

UWB Maximum Power>

Maximum Tune up Power (dBm)				
UWB	Ant 1 (CH05)	Ant 2 (CH05)	Ant 1 (CH09)	Ant 2(CH09)
	-15.19	-12.1	-16.15	-12.1

2.3 General LTE SAR Test and Reporting Considerations

<table>
<tr><th colspan="2">Summarized necessary items addressed in KDB 941225 D05 v02r05</th></tr>
<tr><td>FCC ID</td><td>A4RGR83Y</td></tr>
<tr><td>Equipment Name</td><td>Phone</td></tr>
<tr><td>Operating Frequency Range of each LTE transmission band</td><td>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</td></tr>
<tr><td>Channel Bandwidth</td><td>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</td></tr>
<tr><td>uplink modulations used</td><td>QPSK / 16QAM / 64QAM / 256QAM</td></tr>
<tr><td>LTE Voice / Data requirements</td><td>Voice and Data</td></tr>
<tr><td>LTE MPR permanently built-in by design</td><td>Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3
<table>
<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>
<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">≥ 1</td><td>≤ 5</td></tr>
</table></td></tr>
<tr><td>LTE A-MPR</td><td>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)</td></tr>
<tr><td>Spectrum plots for RB configuration</td><td>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.</td></tr>
<tr><td>Power reduction applied to satisfy SAR compliance</td><td>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.</td></tr>
<tr><td>LTE Carrier Aggregation Combinations</td><td>Inter-Band and Intra-Band possible combinations and the detail power measurement please referred to section 12.</td></tr>
<tr><td>LTE Carrier Aggregation Additional Information</td><td>This device supports maximum of 6 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.</td></tr>
</table>

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	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	20407	824.7	20415	825.5	20425	826.5	20450	829
M	20525	836.5	20525	836.5	20525	836.5	20525	836.5
H	20643	848.3	20635	847.5	20625	846.5	20600	844
LTE Band 7								
	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	20775	2502.5	20800	2505	20825	2507.5	20850	2510
M	21100	2535	21100	2535	21100	2535	21100	2535
H	21425	2567.5	21400	2565	21375	2562.5	21350	2560
LTE Band 12								
	Bandwidth 1.4 MHz		Bandwidth 3 MHz		Bandwidth 5 MHz		Bandwidth 10 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
M	23095	707.5	23095	707.5	23095	707.5	23095	707.5
H	23173	715.3	23165	714.5	23155	713.5	23130	711
LTE Band 13				
	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Freq.(MHz)	Channel #	Freq.(MHz)
L	23205	779.5	23230	782
M	23230	782		
H	23255	784.5		
LTE Band 14				
	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Channel #	Channel #	Freq.(MHz)
L	23305	790.5	23330	793
M	23330	793		
H	23355	795.5		
LTE Band 17				
	Bandwidth 5 MHz		Bandwidth 10 MHz	
	Channel #	Freq.(MHz)	Channel #	Freq. (MHz)
L	23755	706.5	23780	709
M	23790	710	23790	710
H	23825	713.5	23800	711

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	
	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
M	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

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
LM	40148	2545.8	40160	2547	40173	2548.3	40185	2549.5
M	40620	2593	40620	2593	40620	2593	40620	2593
HM	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
LM	55810	3607	55815	3607.5	55820	3608	55830	3609
MH	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	A4RGR83Y
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 n14 : 788 MHz ~ 798 MHz 5G NR n25: 1850 MHz ~ 1915 MHz 5G NR n26: 814 MHz ~ 849 MHz 5G NR n30: 2305 MHz ~ 2315 MHz 5G NR n38: 2570 MHz ~ 2620 MHz 5G NR n41: 2496 MHz ~ 2690 MHz 5G NR n48 : 3550 MHz ~ 3700 MHz 5G NR n66: 1710 MHz ~ 1780 MHz 5G NR n70 : 1695 MHz ~ 1710 MHz 5G NR n71: 663 MHz ~ 698 MHz 5G NR n77: 3700 MHz ~ 3980 MHz, 3450MHz ~ 3550MHz 5G NR n78: 3700 MHz ~ 3800 MHz, 3450MHz ~ 3550MHz
Channel Bandwidth	5G NR n2: 5MHz, 10MHz, 15MHz, 20MHz, 25MHz, 30MHz, 40MHz 5G NR n5: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n7: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz, 50MHz 5G NR n12: 5MHz, 10MHz, 15MHz 5G NR n14: 5MHz, 10MHz 5G NR n25: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz 30MHz, 40MHz 5G NR n26: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n30: 5MHz, 10MHz 5G NR n38: 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz 5G NR n41: 10MHz, 15MHz, 20MHz, 25MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz 5G NR n48: 10MHz, 15MHz, 20MHz, 40MHz 5G NR n66: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz,30MHz, 40MHz 5G NR n70: 5MHz, 10MHz, 15MHz 5G NR n71: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n77/n78: 10MHz, 15MHz, 20MHz, 25 MHz, 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 B2/4/5/7/12/13/14/30/48/66/71
LTE Anchor Bands for n5	LTE B2/7/30/48/66
LTE Anchor Bands for n7	LTE B2/5/12/13/66/71
LTE Anchor Bands for n12	LTE B2/7/66
LTE Anchor Bands for n25	LTE B2/12/13/26/48/66
LTE Anchor Bands for n30	LTE B2/5/12/14/66
LTE Anchor Bands for n38	LTE B2/4/5/12/66/71
LTE Anchor Bands for n41	LTE B2/4/5/12/25/26/66/71
LTE Anchor Bands for n48	LTE B2/66
LTE Anchor Bands for n66	LTE B2/5/7/12/13/14/25/30/48/66/71
LTE Anchor Bands for n71	LTE B2/7/66
LTE Anchor Bands for n77	LTE B2/5/7/12/13/14/25/26/30/41/66
LTE Anchor Bands for n78	LTE B2/4/5/7/12/13/25/38/41/66/71

NR Band 2

	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	370500	1852.5	371000	1855	371500	1857.5	372000	1860	372500	1862.5	373000	1865	374000	1870
M	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880	376000	1880
H	381500	1907.5	381000	1905	380500	1902.5	380000	1900	379500	1897.5	379000	1895	378000	1890

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		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz		Bandwidth 50MHz	
	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	500500	2502.5	501000	2505	501500	2507.5	502000	2510	502500	2512.5	503000	2515	504000	2520	505000	2525
M	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535	507000	2535
H	513500	2567.5	513000	2565	512500	2562.5	512000	2560	511500	2557.5	511000	2555	510000	2550	509000	2545

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 14				
	Bandwidth 5MHz		Bandwidth 10MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	158100	790.5	158600	793
M	158600	793		
H	159100	795.5		

NR Band 25														
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	370500	1852.5	371000	1855	371500	1857.5	372000	1860	372500	1862.5	373000	1865	374000	1870
M	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5	376500	1882.5
H	382500	1912.5	382000	1910	381500	1907.5	381000	1905	380500	1902.5	380000	1900	379000	1895

NR Band 26								
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	163300	816.5	163800	819	164300	821.5	164800	824
M	166300	831.5	166300	831.5	166300	831.5	166300	831.5
H	169300	846.5	168800	844	168300	841.5	167800	839

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 38												
	Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	515004	2575.02	515502	2577.51	516000	2580	516504	2582.52	517002	2585.01	518004	2590.02
M	519000	2595	519000	2595	519000	2595	519000	2595	519000	2595	519000	2595
H	522996	2614.98	522498	2612.49	522000	2610	521496	2607.48	520998	2604.99	519996	2599.98

NR Band 41																								
	Bandwidth10MHz		Bandwidth15MHz		Bandwidth20MHz		Bandwidth25MHz		Bandwidth30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth70MHz		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)	Ch. #	Freq. (MHz)
L	500202	2501.01	500700	2503.5	501204	2506.02	501702	2508.51	502200	2511	503202	2516.01	504204	2521.02	505200	2526	506202	2531.01	507204	2536.02	508200	2541	509202	2546.01
M	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99	518598	2592.99
H	537000	2685	536496	2682.48	535998	2679.99	535500	2677.5	534996	2674.98	534000	2670	532998	2664.99	531996	2659.98	531000	2655	529998	2649.99	528996	2644.98	528000	2640

NR Band 48								
	Bandwidth10MHz		Bandwidth 15MHz		Bandwidth20MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	637000	3555	637168	3557.52	637334	3560.01	638000	3570
M	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99
H	646332	3694.98	646166	3692.49	646000	3690	645332	3679.98

NR Band 66														
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		Bandwidth 25MHz		Bandwidth 30MHz		Bandwidth 40MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	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	344500	1722.5	345000	1725	346000	1730
M	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745	349000	1745
H	355500	1777.5	355000	1775	354500	1772.5	354000	1770	353500	1767.5	353000	1765	352000	1760

NR Band 70						
	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	339500	1697.5	340000	1700	340500	1702.5
M	340500	1702.5	340500	1702.5		
H	341500	1707.5	341000	1705		

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_Part 27O																								
	Bandwidth10MHz		Bandwidth15MHz		Bandwidth 20MHz		Bandwidth25MHz		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)	Ch. #	Freq. (MHz)
L	647000	3705	647168	3707.52	647334	3710.01	647500	3712.5	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	656000	3840
H	665000	3975	664832	3972.48	664666	3969.99	664500	3967.50	664332	3964.98	664000	3960	663666	3954.99	663332	3949.98	663000	3945	662666	3939.99	662332	3934.98	662000	3930

NR Band 78_Part 27O																								
	Bandwidth10MHz		Bandwidth15MHz		Bandwidth 20MHz		Bandwidth25MHz		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)	Ch. #	Freq. (MHz)
L	647000	3705	647168	3707.52	647334	3710.01	647500	3712.5	647668	3715.02	648000	3720	648334	3725.01	648668	3730.02	649000	3735	649334	3740.01	649668	3745.02		
M	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750	650000	3750
H	653000	3795	652832	3792.48	652666	3789.99	652500	3787.50	652332	3784.98	652000	3780	651666	3774.99	651332	3769.98	651000	3765	650666	3759.99	650332	3754.98		

NR Band 77/78_Part 27Q																								
	Bandwidth10MHz		Bandwidth15MHz		Bandwidth 20MHz		Bandwidth25MHz		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)	Ch. #	Freq. (MHz)
L	630334	3455.01	630500	3457.5	630668	3460.02	630834	3462.51	631000	3465	631334	3470.01	631668	3475.02	632000	3480	632334	3485.01	632668	3490.02	633000	3495		
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	633332	3499.98
H	636332	3544.98	636166	3542.49	636000	3540	635832	3537.48	635666	3534.99	635332	3529.98	635000	3525	634666	3519.99	634332	3514.98	634000	3510	633666	3504.99		

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 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/m2 averaged over 4 cm2
Plimit	The time-averaged RF power that corresponds to SAR_target or PD_target.

3.1 SAR Characterization – Power Table

General Note:

1. The Plimit values correspond to SAR_design_target.
2. GSM and NTN 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/NTN Plimit power levels in the table correspond to the burst average power levels which don't account for TX duty cycle.
3. UMTS, LTE and 5GNR TDD: Plimit power levels in the table correspond to the time-averaged power levels which accounts for TX duty cycle.
4. Maximum target power, Pmax, 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 (No Accounting duty cycle)	Antenna	Duty cycle	Max Power condition	Head		Hotspot	Body-worn/Extremity		P Max Burst average power (dBm)
				Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous	
			Index 1	Index 2	Index 3	Index 4	Index 5	Index 6	
			P limit						
			Burst average power (dBm)						
GSM850 GSM/GPRS 1TX	0	12.50%	32.50	34.30	33.60	32.80	33.60	32.90	32.50
GSM850 GPRS 2TX	0	25.00%	31.50	31.30	30.60	29.80	30.60	29.90	31.50
GSM850 GPRS 3TX	0	37.50%	30.50	29.50	28.80	28.00	28.80	28.10	30.50
GSM850 GPRS 4TX	0	50.00%	29.50	28.30	27.60	26.80	27.60	26.90	29.50
GSM850 EDGE 1TX	0	12.50%	26.50	34.30	33.60	32.80	33.60	32.90	26.50
GSM850 EDGE 2TX	0	25.00%	25.50	31.30	30.60	29.80	30.60	29.90	25.50
GSM850 EDGE 3TX	0	37.50%	24.50	29.50	28.80	28.00	28.80	28.10	24.50
GSM850 EDGE 4TX	0	50.00%	23.50	28.30	27.60	26.80	27.60	26.90	23.50
GSM1900 GSM/GPRS 1TX	2	12.50%	29.50	32.60	31.90	29.70	30.40	29.70	29.50
GSM1900 GPRS 2TX	2	25.00%	28.00	29.60	28.90	26.70	27.40	26.70	28.00
GSM1900 GPRS 3TX	2	37.50%	27.50	27.80	27.10	24.90	25.60	24.90	27.50
GSM1900 GPRS 4TX	2	50.00%	26.50	26.60	25.90	23.70	24.40	23.70	26.50
GSM1900 EDGE 1TX	2	12.50%	25.50	32.60	31.90	29.70	30.40	29.70	25.50
GSM1900 EDGE 2TX	2	25.00%	24.50	29.60	28.90	26.70	27.40	26.70	24.50
GSM1900 EDGE 3TX	2	37.50%	23.50	27.80	27.10	24.90	25.60	24.90	23.50
GSM1900 EDGE 4TX	2	50.00%	22.50	26.60	25.90	23.70	24.40	23.70	22.50
NTN B23	1	83.00%	22.70				22.70		22.70

Wireless technology/ band (No Accounting duty cycle)	Antenna	Duty cycle	Max Power condition	Head		Hotspot	Body-worn/Extremity		P Max Burst average power (dBm)
				Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous	
			Index 1	Index 2	Index 3	Index 4	Index 5	Index 6	
			P limit						
			Burst average power (dBm)						
GSM850 GSM/GPRS 1TX	1	12.50%	32.20	30.80	30.10	34.20	34.90	34.20	32.20
GSM850 GPRS 2TX	1	25.00%	31.20	27.80	27.10	31.20	31.90	31.20	31.20
GSM850 GPRS 3TX	1	37.50%	30.20	26.00	25.30	29.40	30.10	29.40	30.20
GSM850 GPRS 4TX	1	50.00%	29.20	24.80	24.10	28.20	28.90	28.20	29.20
GSM850 EDGE 1TX	1	12.50%	26.20	30.80	30.10	34.20	34.90	34.20	26.20
GSM850 EDGE 2TX	1	25.00%	25.20	27.80	27.10	31.20	31.90	31.20	25.20
GSM850 EDGE 3TX	1	37.50%	24.20	26.00	25.30	29.40	30.10	29.40	24.20
GSM850 EDGE 4TX	1	50.00%	23.20	24.80	24.10	28.20	28.90	28.20	23.20
GSM1900 GSM/GPRS 1TX	0	12.50%	29.25	45.50	44.80	26.00	28.00	27.30	29.25
GSM1900 GPRS 2TX	0	25.00%	27.75	42.50	41.80	23.00	25.00	24.30	27.75
GSM1900 GPRS 3TX	0	37.50%	27.25	40.70	40.00	21.20	23.20	22.50	27.25
GSM1900 GPRS 4TX	0	50.00%	26.25	39.50	38.80	20.00	22.00	21.30	26.25
GSM1900 EDGE 1TX	0	12.50%	25.25	45.50	44.80	26.00	28.00	27.30	25.25
GSM1900 EDGE 2TX	0	25.00%	24.25	42.50	41.80	23.00	25.00	24.30	24.25
GSM1900 EDGE 3TX	0	37.50%	23.25	40.70	40.00	21.20	23.20	22.50	23.25
GSM1900 EDGE 4TX	0	50.00%	22.25	39.50	38.80	20.00	22.00	21.30	22.25
NTN B255	5	83.00%	22.70				27.40		22.70

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

Wireless technology/ band (Accounting duty cycle)	Antenna	Duty cycle	Max Power condition	Head		Hotspot	Body-worn/Extremity		P Max Time-average power (dBm)
				Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous	
			Index 1	Index 2	Index 3	Index 4	Index 5	Index 6	
			P limit						
			Time-average power (dBm)						
WCDMA B2	2	100.00%	24.00	24.10	23.40	20.60	21.30	20.60	24.00
WCDMA B4	2	100.00%	24.00	27.20	26.50	21.20	21.90	21.20	24.00
WCDMA B5	0	100.00%	24.30	28.60	27.90	24.00	24.80	24.10	24.30
LTE B7	2	100.00%	24.10	22.50	21.80	19.70	20.40	19.70	24.10
LTE B12/B17	0	100.00%	24.30	29.00	28.30	25.50	26.20	25.50	24.30
LTE B13	0	100.00%	24.30	28.80	28.10	24.60	25.30	24.60	24.30
LTE B14	0	100.00%	24.30	28.70	28.00	24.60	25.30	24.60	24.30
LTE B25/B2	2	100.00%	24.00	25.90	25.20	19.80	20.50	19.80	24.00
LTE B25/B2	1	100.00%	24.00	15.60	14.90	20.50	21.20	20.50	24.00
LTE B26/B5	0	100.00%	24.30	28.40	27.70	24.10	24.80	24.10	24.30
LTE B30	2	100.00%	23.70	26.10	25.40	20.40	21.10	20.40	23.70
LTE B41/B38 PC3	2	63.30%	22.10	22.10	21.40	20.70	21.40	20.70	22.10
LTE B41/B38 PC2	2	43.30%	22.40	22.10	21.40	20.70	21.40	20.70	22.40
LTE B48	6	63.30%	20.50	26.30	25.60	18.90	19.60	18.90	20.50
LTE B66/B4	2	100.00%	24.00	25.80	25.10	20.90	21.60	20.90	24.00
LTE B66/B4	1	100.00%	24.00	15.80	15.10	21.40	22.10	21.40	24.00
LTE B71	0	100.00%	24.30	29.40	28.70	26.10	26.80	26.10	24.30
FR1 n7	2	100.00%	24.10	22.00	21.30	20.50	21.20	20.50	24.10
FR1 n12	0	100.00%	24.30	29.00	28.30	25.60	26.30	25.60	24.30
FR1 n14	0	100.00%	24.30	29.00	28.30	24.50	25.20	24.50	24.30
FR1 n25/n2	2	100.00%	24.00	25.10	24.40	20.20	20.90	20.20	24.00
FR1 n25/n2	1	100.00%	24.00	15.30	14.60	20.90	21.60	20.90	24.00
FR1 n26/n5	0	100.00%	24.30	28.20	27.50	24.40	25.10	24.40	24.30
FR1 n30	2	100.00%	23.70	26.20	25.50	20.20	20.90	20.20	23.70
FR1 n38 PC3	2	100.00%	24.10	22.40	21.70	19.80	20.50	19.80	24.10
FR1 n41 PC3	2	100.00%	24.10	22.40	21.70	19.80	20.50	19.80	24.10
FR1 n41 PC2	2	50.00%	23.00	22.40	21.70	19.80	20.50	19.80	23.00
FR1 n41 PC1.5	2	25.00%	20.00	22.40	21.70	19.80	20.50	19.80	20.00
FR1 n38 PC3	1	100.00%	24.10	17.30	16.60	21.70	22.40	21.70	24.10
FR1 n41 PC3	1	100.00%	24.10	17.30	16.60	21.70	22.40	21.70	24.10
FR1 n41 PC2	1	50.00%	23.00	17.30	16.60	21.70	22.40	21.70	23.00
FR1 n41 PC1.5	1	25.00%	20.00	17.30	16.60	21.70	22.40	21.70	20.00
FR1 n48 PC3	6	100.00%	22.00	26.40	25.70	18.60	19.30	18.60	22.00
FR1 n48 PC3	1	100.00%	22.00	17.20	16.50	19.90	23.60	22.90	22.00
FR1 n66	2	100.00%	24.00	26.80	26.10	21.60	22.30	21.60	24.00
FR1 n66	1	100.00%	24.00	16.30	15.60	21.80	22.50	21.80	24.00
FR1 n70	2	100.00%	23.70	27.60	26.90	21.00	21.70	21.00	23.70
FR1 n71	0	100.00%	24.30	29.60	28.90	26.50	27.40	26.70	24.30
FR1 n77/n78 PC3	6	100.00%	24.00	26.00	25.30	18.40	19.10	18.40	24.00
FR1 n77/n78 PC2	6	50.00%	23.00	26.00	25.30	18.40	19.10	18.40	23.00
FR1 n77 PC1.5	6	25.00%	20.00	26.00	25.30	18.40	19.10	18.40	20.00
FR1 n77/n78 PC3	1	100.00%	24.00	15.70	15.00	19.00	19.70	19.00	24.00
FR1 n77/n78 PC2	1	50.00%	22.00	15.70	15.00	19.00	19.70	19.00	22.00
FR1 n77 PC1.5	1	25.00%	19.00	15.70	15.00	19.00	19.70	19.00	19.00

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

Wireless technology/ band (Accounting duty cycle)	Antenna	Duty cycle	Max Power condition	Head		Hotspot	Body-worn/Extremity		P Max Time-average power (dBm)
				Standalone	Simultaneous	Simultaneous	Standalone	Simultaneous	
			Index 1	Index 2	Index 3	Index 4	Index 5	Index 6	
			P limit						
			Time-average power (dBm)						
WCDMA B2	0	100.00%	23.75	35.20	34.50	17.40	19.10	18.40	23.75
WCDMA B4	0	100.00%	23.75	32.30	31.60	17.70	18.80	18.10	23.75
WCDMA B5	1	100.00%	24.00	22.40	21.70	25.60	26.40	25.70	24.00
LTE B7	0	100.00%	23.85	30.30	29.60	17.50	18.80	18.10	23.85
LTE B12/B17	1	100.00%	24.00	22.80	22.10	27.80	28.50	27.80	24.00
LTE B13	1	100.00%	24.00	21.80	21.10	26.50	27.20	26.50	24.00
LTE B14	1	100.00%	24.00	22.10	21.40	26.40	27.10	26.40	24.00
LTE B25/B2	0	100.00%	23.75	34.20	33.50	17.10	19.00	18.30	23.75
LTE B25/B2	5	100.00%	23.60	18.70	18.00	23.10	23.80	23.10	23.60
LTE B26/B5	1	100.00%	24.00	21.80	21.10	26.50	27.30	26.60	24.00
LTE B30	0	100.00%	23.45	31.30	30.60	18.10	19.50	18.80	23.45
LTE B41/B38 PC3	0	63.30%	21.35	29.60	28.90	18.00	19.50	18.80	21.35
LTE B41/B38 PC2	0	43.30%	21.65	29.60	28.90	18.00	19.50	18.80	21.65
LTE B48	7	63.30%	20.60	28.00	27.30	20.10	20.80	20.10	20.60
LTE B66/B4	0	100.00%	23.75	31.20	30.50	17.90	19.50	18.80	23.75
LTE B66/B4	5	100.00%	23.60	18.00	17.30	23.20	24.40	23.70	23.60
LTE B71	1	100.00%	24.00	22.80	22.10	27.30	28.00	27.30	24.00
FR1 n7	0	100.00%	23.85	29.00	28.30	17.10	18.80	18.10	23.85
FR1 n12	1	100.00%	24.00	22.10	21.40	25.60	26.30	25.60	24.00
FR1 n14	1	100.00%	24.00	22.30	21.60	25.90	26.60	25.90	24.00
FR1 n25/n2	0	100.00%	23.75	36.20	35.50	17.20	19.50	18.80	23.75
FR1 n25/n2	5	100.00%	23.60	18.80	18.10	24.10	24.80	24.10	23.60
FR1 n26/n5	1	100.00%	24.00	21.50	20.80	25.70	26.40	25.70	24.00
FR1 n30	0	100.00%	23.45	30.40	29.70	18.00	19.40	18.70	23.45
FR1 n38 PC3	0	100.00%	23.85	29.40	28.70	16.90	18.40	17.70	23.85
FR1 n41 PC3	0	100.00%	23.35	29.40	28.70	16.90	18.40	17.70	23.35
FR1 n41 PC2	0	50.00%	22.25	29.40	28.70	16.90	18.40	17.70	22.25
FR1 n41 PC1.5	0	25.00%	19.25	29.40	28.70	16.90	18.40	17.70	19.25
FR1 n38 PC3	5	100.00%	24.10	17.50	16.80	20.90	21.60	20.90	24.10
FR1 n41 PC3	5	100.00%	23.80	17.20	16.50	20.60	21.30	20.60	23.80
FR1 n41 PC2	5	50.00%	22.70	17.20	16.50	20.60	21.30	20.60	22.70
FR1 n41 PC1.5	5	25.00%	19.70	17.20	16.50	20.60	21.30	20.60	19.70
FR1 n48 PC3	7	100.00%	21.60	26.30	25.60	20.00	20.70	20.00	21.60
FR1 n48 PC3	5	100.00%	21.70	16.80	16.10	22.70	23.40	22.70	21.70
FR1 n66	0	100.00%	23.75	34.00	33.30	17.30	18.90	18.20	23.75
FR1 n66	5	100.00%	23.60	18.60	17.90	22.30	23.10	22.40	23.60
FR1 n70	0	100.00%	23.45	33.60	32.90	17.50	18.20	17.50	23.45
FR1 n71	1	100.00%	24.00	22.30	21.60	26.10	26.80	26.10	24.00
FR1 n77/n78 PC3	7	100.00%	23.00	26.60	25.90	19.60	20.30	19.60	23.00
FR1 n77/n78 PC2	7	50.00%	22.00	26.60	25.90	19.60	20.30	19.60	22.00
FR1 n77 PC1.5	7	25.00%	19.00	26.60	25.90	19.60	20.30	19.60	19.00
FR1 n77/n78 PC3	5	100.00%	23.70	18.10	17.40	22.10	22.80	22.10	23.70
FR1 n77/n78 PC2	5	50.00%	21.70	18.10	17.40	22.10	22.80	22.10	21.70
FR1 n77 PC1.5	5	25.00%	18.70	18.10	17.40	22.10	22.80	22.10	18.70

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 4cm^2 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/f2)	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/f2)	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. Specific Absorption Rate (SAR)

6.1 Introduction

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

6.2 SAR Definition

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$\mathbf{SAR} = \frac{\mathbf{d}}{\mathbf{dt}}\left(\frac{\mathbf{dW}}{\mathbf{dm}}\right) = \frac{\mathbf{d}}{\mathbf{dt}}\left(\frac{\mathbf{dW}}{\boldsymbol{\rho}\mathbf{dv}}\right)$$

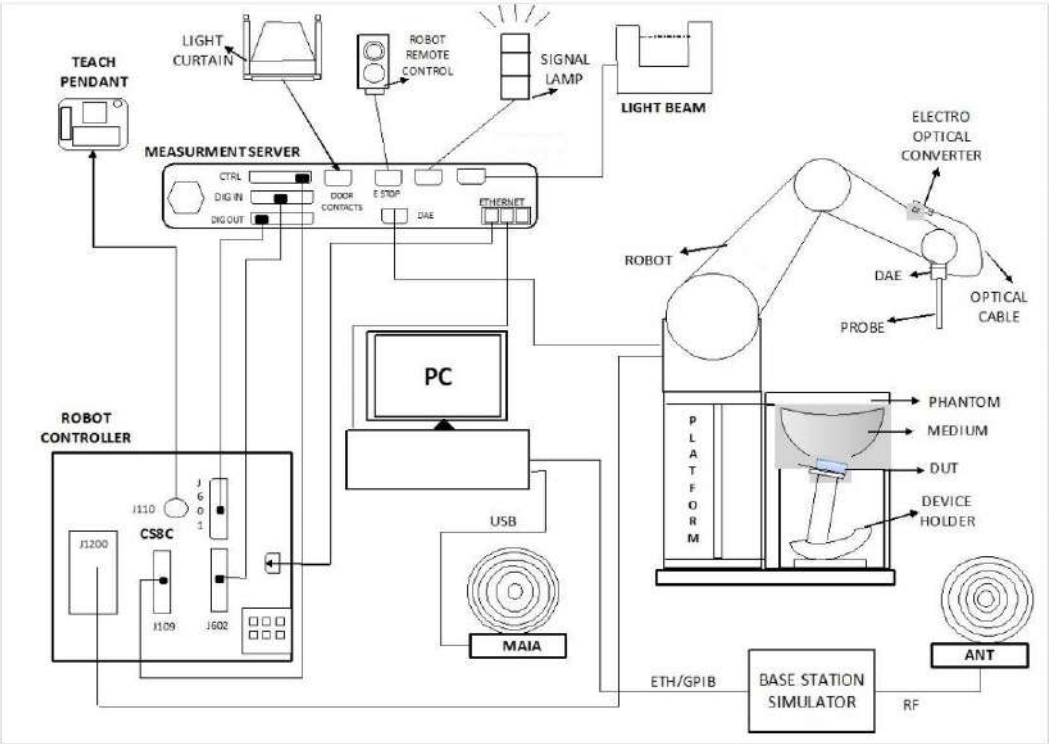
SAR is expressed in units of Watts per kilogram (W/kg)

$$\mathbf{SAR} = \frac{\boldsymbol{\sigma}|\mathbf{E}|^2}{\boldsymbol{\rho}}$$

Where: σ is the conductivity of the tissue, ρ is the mass density of the tissue and E is the RMS electrical field strength.

7. System Description and Setup

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



- The DASY system in SAR Configuration is shown above
- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running windows software and the DASY software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

7.1 Test Site Location

The SAR measurement facilities used to collect data are within both Sporton Lab list below test site location are accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190 and 3786) and the FCC designation No. TW1190 and TW3786 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC test.

Laboratory	EMC & Wireless Communications Laboratory		Wensan Laboratory				
Test Site Location	TW1190 No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan		TW3786 No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan				
Test Site No.	SAR01-HY	SAR03-HY	SAR08-HY	SAR09-HY	SAR15-HY	SAR18-HY	SAR21-HY
	SAR04-HY	SAR05-HY	SAR11-HY	SAR12-HY	SAR16-HY	SAR19-HY	SAR22-HY
	SAR06-HY	SAR10-HY	SAR13-HY	SAR14-HY	SAR17-HY	SAR20-HY	

7.2 E-Field Probe

The SAR measurement is conducted with the dosimetric probe (manufactured by SPEAG).The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. This probe has a built in optical surface detection system to prevent from collision with phantom.

<ES3DV3 Probe>

Construction	Symmetric design with triangular core Interleaved sensors Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Frequency	10 MHz – 4 GHz; Linearity: ±0.2 dB (30 MHz – 4 GHz)	
Directivity	±0.2 dB in TSL (rotation around probe axis) ±0.3 dB in TSL (rotation normal to probe axis)	
Dynamic Range	5 µW/g – >100 mW/g; Linearity: ±0.2 dB	
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: 3.9 mm (body: 12 mm) Distance from probe tip to dipole centers: 3.0 mm	

<EX3DV4 Probe>

Construction	Symmetric design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Frequency	10 MHz – >6 GHz Linearity: ±0.2 dB (30 MHz – 6 GHz)	
Directivity	±0.3 dB in TSL (rotation around probe axis) ±0.5 dB in TSL (rotation normal to probe axis)	
Dynamic Range	10 µW/g – >100 mW/g Linearity: ±0.2 dB (noise: typically <1 µW/g)	
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: 2.5 mm (body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm	

7.3 Data Acquisition Electronics (DAE)

The data acquisition electronics (DAE) consists of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder and control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock.

The input impedance of the DAE is 200 MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

Fig 5.1 Photo of DAE

7.4 Phantom

<SAM Twin Phantom>

Shell Thickness	2 ± 0.2 mm; Center ear point: 6 ± 0.2 mm
Filling Volume	Approx. 25 liters
Dimensions	Length: 1000 mm; Width: 500 mm; Height: adjustable feet
Measurement Areas	Left Hand, Right Hand, Flat Phantom

The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. A white cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

<ELI Phantom>

Shell Thickness	2 ± 0.2 mm (sagging: <1%)
Filling Volume	Approx. 30 liters
Dimensions	Major ellipse axis: 600 mm Minor axis: 400 mm

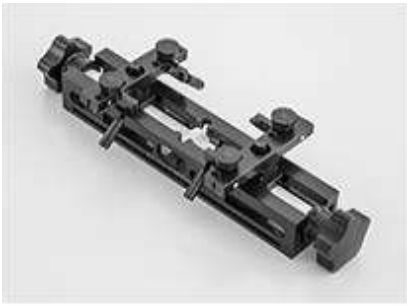
The ELI phantom is intended for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI4 is fully compatible with standard and all known tissue simulating liquids.

7.5 Device Holder

<Mounting Device for Hand-Held Transmitter>

In combination with the Twin SAM V5.0/V5.0c or ELI phantoms, the Mounting Device for Hand-Held Transmitters enables rotation of the mounted transmitter device to specified spherical coordinates. At the heads, the rotation axis is at the ear opening. Transmitter devices can be easily and accurately positioned according to IEC 62209-1, IEEE 1528, FCC, or other specifications. The device holder can be locked for positioning at different phantom sections (left head, right head, flat). And upgrade kit to Mounting Device to enable easy mounting of wider devices like big smart-phones, e-books, small tablets, etc. It holds devices with width up to 140 mm.

Mounting Device for Hand-Held Transmitters



Mounting Device Adaptor for Wide-Phones

<Mounting Device for Laptops and other Body-Worn Transmitters>

The extension is lightweight and made of POM, acrylic glass and foam. It fits easily on the upper part of the mounting device in place of the phone positioned. The extension is fully compatible with the SAM Twin and ELI phantoms.

Mounting Device for Laptops

8. Measurement Procedures

The measurement procedures are as follows:

(a) Use base station simulator to configure EUT WWAN transmission in radiated connection, and engineering software to configure EUT WLAN/BT continuously transmission, at maximum RF power, in the highest power channel.
(b) Place the EUT in the positions as Appendix D demonstrates.
(c) Set scan area, grid size and other setting on the DASY software.
(d) Measure SAR results for the highest power channel on each testing position.
(e) Find out the largest SAR result on these testing positions of each band
(f) Measure SAR results for other channels in worst SAR testing position if the reported SAR of highest power channel is larger than 0.8 W/kg

According to the test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:

(a) Power reference measurement
(b) Area scan
(c) Zoom scan
(d) Power drift measurement

8.1 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The DASY software includes all numerical procedures necessary to evaluate the spatial peak SAR value.

The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.

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

(a) Extraction of the measured data (grid and values) from the Zoom Scan
(b) Calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters)
(c) Generation of a high-resolution mesh within the measured volume
(d) Interpolation of all measured values form the measurement grid to the high-resolution grid
(e) Extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface
(f) Calculation of the averaged SAR within masses of 1g and 10g

8.2 Power Reference Measurement

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to phantom surface. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

8.3 Area Scan

The area scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum found in the scanned area, within a range of the global maximum. The range (in dB0 is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan), if only one zoom scan follows the area scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of zoom scans has to be increased accordingly.

Area scan parameters extracted from FCC KDB 865664 D01v01r04 SAR measurement 100 MHz to 6 GHz.

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}	≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

8.4 Zoom Scan

Zoom scans are used assess the peak spatial SAR values within a cubic averaging volume containing 1 gram and 10 gram of simulated tissue. The zoom scan measures points (refer to table below) within a cube shoes base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the zoom scan evaluates the averaged SAR for 1 gram and 10 gram and displays these values next to the job's label.

Zoom scan parameters extracted from FCC KDB 865664 D01v01r04 SAR measurement 100 MHz to 6 GHz.

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.

* When zoom scan is required and the *reported* SAR from the *area scan based 1-g SAR estimation* procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

8.5 Volume Scan Procedures

The volume scan is used for assess overlapping SAR distributions for antennas transmitting in different frequency bands. It is equivalent to an oversized zoom scan used in standalone measurements. The measurement volume will be used to enclose all the simultaneous transmitting antennas. For antennas transmitting simultaneously in different frequency bands, the volume scan is measured separately in each frequency band. In order to sum correctly to compute the 1g aggregate SAR, the EUT remain in the same test position for all measurements and all volume scan use the same spatial resolution and grid spacing. When all volume scan were completed, the software, SEMCAD postprocessor can combine and subsequently superpose these measurement data to calculating the multiband SAR.

8.6 Power Drift Monitoring

All SAR testing is under the EUT install full charged battery and transmit maximum output power. In DASY measurement software, the power reference measurement and power drift measurement procedures are used for monitoring the power drift of EUT during SAR test. Both these procedures measure the field at a specified reference position before and after the SAR testing. The software will calculate the field difference in dB. If the power drifts more than 5%, the SAR will be retested.

9. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	750MHz System Validation Kit(2)	D750V3	1107	Jun. 22, 2022	Jun. 20, 2024
SPEAG	835MHz System Validation Kit(2)	D835V2	4d060	Mar. 24, 2022	Mar. 21, 2025
SPEAG	835MHz System Validation Kit(2)	D835V2	4d167	Nov. 24, 2022	Nov. 22, 2024
SPEAG	1640MHz System Validation Kit(2)	D1640V2	346	Aug. 19, 2022	Aug. 17, 2024
SPEAG	1750MHz System Validation Kit(2)	D1750V2	1112	Jun. 22, 2022	Jun. 20, 2024
SPEAG	1900MHz System Validation Kit	D1900V2	5d185	Jun. 17, 2022	Jun. 15, 2024
SPEAG	2000MHz System Validation Kit(2)	D2000V2	1010	Aug. 17, 2021	Aug. 14, 2024
SPEAG	2300MHz System Validation Kit(2)	D2300V2	1006	Jan. 18, 2022	Jan. 15, 2025
SPEAG	2450MHz System Validation Kit(2)	D2450V2	736	Aug. 17, 2021	Aug. 14, 2024
SPEAG	2450MHz System Validation Kit(2)	D2450V2	929	Nov. 21, 2022	Nov. 19, 2024
SPEAG	2600MHz System Validation Kit(2)	D2600V2	1078	Jun. 23, 2022	Jun. 21, 2024
SPEAG	3500MHz System Validation Kit(2)	D3500V2	1014	Jan. 17, 2022	Jan. 14, 2025
SPEAG	3500MHz System Validation Kit(2)	D3500V2	1036	Mar. 23, 2022	Mar. 20, 2025
SPEAG	3700MHz System Validation Kit(2)	D3700V2	1006	Jun. 20, 2022	Jun. 18, 2024
SPEAG	3900MHz System Validation Kit(2)	D3900V2	1017	Apr. 22, 2022	Apr. 20, 2024
SPEAG	3900MHz System Validation Kit	D3900V2	1092	May. 15, 2023	May. 14, 2024
SPEAG	5GHz System Validation Kit(2)	D5GHzV2	1128	Feb. 22, 2023	Feb. 20, 2025
SPEAG	5GHz System Validation Kit(2)	D5GHzV2	1171	Apr. 20, 2021	Apr. 17, 2024
SPEAG	6500MHz System Validation Kit	D6.5GHzV2	1083	Oct. 20, 2023	Oct. 19, 2024
SPEAG	13MHz System Validation Kit	CLA13	1011	Jul. 10, 2023	Jul. 09, 2024
SPEAG	5G Verification Source	10GHz	1052	Oct. 13, 2023	Oct. 12, 2024
SPEAG	EUmmWV Probe Tip Protection	EUmmWV4	9441	Nov. 17, 2023	Nov. 16, 2024
SPEAG	Data Acquisition Electronics	DAE4	656	Jan. 18, 2024	Jan. 17, 2025
SPEAG	Data Acquisition Electronics	DAE4	661	May. 23, 2023	May. 22, 2024
SPEAG	Data Acquisition Electronics	DAE4	699	Feb. 13, 2024	Feb. 12, 2025
SPEAG	Data Acquisition Electronics	DAE4	1647	Dec. 27, 2023	Dec. 26, 2024
SPEAG	Data Acquisition Electronics	DAE4	1694	Nov. 17, 2023	Nov. 16, 2024
SPEAG	Data Acquisition Electronics	DAE4	1707	Dec. 06, 2023	Dec. 05, 2024
SPEAG	Data Acquisition Electronics	DAE4	1805	May. 16, 2023	May. 15, 2024
SPEAG	Data Acquisition Electronics	DAE4	1776	Feb. 13, 2024	Feb. 12, 2025
SPEAG	Data Acquisition Electronics	DAE4ip	1800	May. 31, 2023	May. 30, 2024
SPEAG	Dosimetric E-Field Probe	EX3DV4	3931	Oct. 24, 2023	Oct. 23, 2024
SPEAG	Dosimetric E-Field Probe	EX3DV4	7590	Mar. 19, 2024	Mar. 18, 2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7694	Oct. 26, 2023	Oct. 25, 2024
SPEAG	Dosimetric E-Field Probe	EX3DV4	7700	Feb. 01, 2024	Jan. 31, 2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7785	Nov. 23, 2023	Nov. 22, 2024
SPEAG	Dosimetric E-Field Probe	EX3DV4	7791	Feb. 21, 2024	Feb. 20, 2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7793	Mar. 01, 2024	Feb. 28, 2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7813	May. 24, 2023	May. 23, 2024
Testo	Hygro meter	608-H1	45196600	Nov. 02, 2023	Nov. 01, 2024
Testo	Hygro meter	608-H1	45207528	Nov. 02, 2023	Nov. 01, 2024
Testo	Hygro meter	608-H1	45256904	Dec. 07, 2023	Dec. 06, 2024
Testo	Hygro meter	608-H1	45142597	Jan. 03, 2024	Jan. 02, 2025
Anritsu	Radio Communication Analyzer	MT8821C	6201341950	Nov. 13, 2023	Nov. 12, 2024
Keysight	5G Wireless Test Platform	E7515B	MY59321826	Apr. 26, 2023	Apr. 25, 2024
R&S	BT Base Station	CBT	101136	Oct. 22, 2023	Oct. 21, 2024
SPEAG	Device Holder	N/A	N/A	N/A	N/A
Anritsu	Signal Generator	MG3710A	6201502524	Sep. 27, 2023	Sep. 26, 2024
Keysight	ENA Network Analyzer	E5071C	MY46104758	Oct. 30, 2023	Oct. 29, 2024
SPEAG	Dielectric Probe Kit	DAK-3.5	1126	Sep. 19, 2023	Sep. 18, 2024
SPEAG	Dielectric Probe Kit	DAK-12	1156	Jul. 17, 2023	Jul. 16, 2024
LINE SEIKI	Digital Thermometer	DTM3000-spezial	3690	Aug. 09, 2023	Aug. 08, 2024
Anritsu	Power Meter	ML2495A	1419002	Aug. 17, 2023	Aug. 16, 2024
Anritsu	Power Sensor	MA2411B	1911176	Aug. 18, 2023	Aug. 17, 2024
Anritsu	Spectrum Analyzer	MS2830A	6201396378	Jul. 10, 2023	Jul. 09, 2024
Mini-Circuits	Power Amplifier	ZVE-8G+	6418	Oct. 16, 2023	Oct. 15, 2024
ATM	Dual Directional Coupler	C122H-10	P610410z-02	Note 1	
Warison	Directional Coupler	WCOU-10-50S-10	WR889BMC4B1	Note 1	
Woken	Attenuator 1	WK0602-XX	N/A	Note 1	
PE	Attenuator 2	PE7005-10	N/A	Note 1	
PE	Attenuator 3	PE7005- 3	N/A	Note 1	

General Note:

1. Prior to system verification and validation, the path loss from the signal generator to the system check source and the power meter, which includes the amplifier, cable, attenuator and directional coupler, was measured by the network analyzer. The reading of the power meter was offset by the path loss difference between the path to the power meter and the path to the system check source to monitor the actual power level fed to the system check source.
2. The dipole calibration interval can be extended to 3 years with justification according to KDB 865664 D01. The dipoles are also not physically damaged, or repaired during the interval. The justification data in appendix C can be found which the return loss is < -20dB, within 20% of prior calibration, the impedance is within 5 ohm of prior calibration for each dipole.

10. System Verification

10.1 Tissue Verification

The tissue dielectric parameters of tissue-equivalent media used for SAR measurements must be characterized within a temperature range of 18℃ to 25℃, measured with calibrated instruments and apparatuses, such as network analyzers and temperature probes. The temperature of the tissue-equivalent medium during SAR measurement must also be within 18℃ to 25℃ and within ± 2℃ of the temperature when the tissue parameters are characterized. The tissue dielectric measurement system must be calibrated before use. The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements.
The liquid tissue depth was at least 15cm in the phantom for all SAR testing

<Tissue Dielectric Parameter Check Results>

Frequency (MHz)	Liquid Temp. (℃)	Conductivity (σ)	Permittivity (ε_r)	Conductivity Target (σ)	Permittivity Target (ε_r)	Delta (σ) (%)	Delta (ε_r) (%)	Limit (%)	Date
13	22.5	0.757	53.500	0.75	55.00	0.93	-2.73	±5	2024/3/27
750	22.6	0.890	43.00	0.89	41.90	0.00	2.63	±5	2024/2/16
750	22.6	0.892	43.00	0.89	41.90	0.22	2.63	±5	2024/2/21
750	22.6	0.898	42.20	0.89	41.90	0.90	0.72	±5	2024/2/26
750	22.8	0.896	43.10	0.89	41.90	0.67	2.86	±5	2024/2/28
750	22.5	0.895	42.90	0.89	41.90	0.56	2.39	±5	2024/3/2
750	22.5	0.897	42.70	0.89	41.90	0.79	1.91	±5	2024/3/5
750	22.7	0.893	42.10	0.89	41.90	0.34	0.48	±5	2024/3/5
750	22.2	0.896	42.30	0.89	41.90	0.67	0.95	±5	2024/3/6
750	22.4	0.877	40.90	0.89	41.90	-1.46	-2.39	±5	2024/3/7
750	22.3	0.884	42.70	0.89	41.90	-0.67	1.91	±5	2024/3/10
750	22.5	0.886	43.30	0.89	41.90	-0.45	3.34	±5	2024/3/10
750	22.4	0.890	42.90	0.89	41.90	0.00	2.39	±5	2024/3/11
750	22.5	0.889	42.4	0.89	41.90	-0.11	1.19	±5	2024/3/17
835	22.4	0.924	42.50	0.90	41.50	2.67	2.41	±5	2024/2/14
835	22.7	0.923	41.40	0.90	41.50	2.56	-0.24	±5	2024/2/18
835	22.1	0.930	42.60	0.90	41.50	3.33	2.65	±5	2024/3/1
835	22.4	0.936	42.30	0.90	41.50	4.00	1.93	±5	2024/3/2
835	22.4	0.928	42.70	0.90	41.50	3.11	2.89	±5	2024/3/4
835	22.5	0.932	42.40	0.90	41.50	3.56	2.17	±5	2024/3/5
835	22.2	0.930	42.00	0.90	41.50	3.33	1.20	±5	2024/3/6
835	22.7	0.930	41.90	0.90	41.50	3.33	0.96	±5	2024/3/7
835	22.4	0.909	40.60	0.90	41.50	1.00	-2.17	±5	2024/3/7
835	22.6	0.926	41.70	0.90	41.50	2.89	0.48	±5	2024/3/8
835	22.5	0.919	43.00	0.90	41.50	2.11	3.61	±5	2024/3/10
835	22.3	0.918	42.40	0.90	41.50	2.00	2.17	±5	2024/3/10
835	22.5	0.932	42.10	0.90	41.50	3.56	1.45	±5	2024/3/15
835	22.5	0.932	42.10	0.90	41.50	3.56	1.45	±5	2024/3/15
1640	22.3	1.270	39.8	1.31	40.23	-3.05	-1.07	±5	2024/3/9
1750	22.3	1.370	40.60	1.37	40.10	0.00	1.25	±5	2024/2/15
1750	22.8	1.360	40.60	1.37	40.10	-0.73	1.25	±5	2024/2/18
1750	22.5	1.380	40.70	1.37	40.10	0.73	1.50	±5	2024/2/25
1750	22.8	1.360	40.40	1.37	40.10	-0.73	0.75	±5	2024/2/28
1750	22.8	1.360	40.50	1.37	40.10	-0.73	1.00	±5	2024/3/8
1750	22.6	1.380	40.60	1.37	40.10	0.73	1.25	±5	2024/3/8
1750	22.4	1.350	40.60	1.37	40.10	-1.46	1.25	±5	2024/3/9
1750	22.6	1.360	40.70	1.37	40.10	-0.73	1.50	±5	2024/3/9
1750	22.5	1.370	40.80	1.37	40.10	0.00	1.75	±5	2024/3/10
1750	22.4	1.390	40.80	1.37	40.10	1.46	1.75	±5	2024/3/11
1750	22.2	1.370	40.90	1.37	40.10	0.00	2.00	±5	2024/3/12
1750	22.8	1.350	40.70	1.37	40.10	-1.46	1.50	±5	2024/3/14
1750	22.6	1.370	41.2	1.37	40.10	0.00	2.74	±5	2024/3/16
1750	22.5	1.380	41.4	1.37	40.10	0.73	3.24	±5	2024/3/18
1900	22.5	1.390	40.40	1.40	40.00	-0.71	1.00	±5	2024/2/25
1900	22.8	1.380	40.20	1.40	40.00	-1.43	0.50	±5	2024/2/28
1900	22.1	1.450	38.90	1.40	40.00	3.57	-2.75	±5	2024/3/1
1900	22.7	1.430	38.80	1.40	40.00	2.14	-3.00	±5	2024/3/5

1900	22.4	1.420	40.60	1.40	40.00	1.43	1.50	±5	2024/3/7
1900	22.6	1.390	40.30	1.40	40.00	-0.71	0.75	±5	2024/3/8
1900	22.8	1.430	38.90	1.40	40.00	2.14	-2.75	±5	2024/3/8
1900	22.4	1.430	39.00	1.40	40.00	2.14	-2.50	±5	2024/3/9
1900	22.6	1.430	40.90	1.40	40.00	2.14	2.25	±5	2024/3/9
1900	22.5	1.420	39.40	1.40	40.00	1.43	-1.50	±5	2024/3/10
1900	22.4	1.400	40.50	1.40	40.00	0.00	1.25	±5	2024/3/11
1900	22.2	1.380	40.50	1.40	40.00	-1.43	1.25	±5	2024/3/12
1900	22.8	1.430	39.20	1.40	40.00	2.14	-2.00	±5	2024/3/14
1900	22.6	1.450	39.6	1.40	40.00	3.57	-1.00	±5	2024/3/16
1900	22.9	1.450	39.8	1.40	40.00	3.57	-0.50	±5	2024/3/17
2000	22.5	1.440	39.7	1.40	40.00	2.86	-0.75	±5	2024/3/13
2300	22.4	1.690	39.30	1.67	39.50	1.20	-0.51	±5	2024/3/14
2300	22.7	1.680	39.20	1.67	39.50	0.60	-0.76	±5	2024/3/16
2450	22.5	1.820	40.100	1.80	39.20	1.11	2.30	±5	2024/3/14
2450	22.5	1.820	40.100	1.80	39.20	1.11	2.30	±5	2024/3/14
2450	22.6	1.800	38.100	1.80	39.20	0.00	-2.81	±5	2024/3/18
2450	22.4	1.780	38.900	1.80	39.20	-1.11	-0.77	±5	2024/3/19
2450	22.5	1.780	39.100	1.80	39.20	-1.11	-0.26	±5	2024/3/20
2450	22.1	1.830	40.100	1.80	39.20	1.67	2.30	±5	2024/3/21
2450	22.7	1.830	40.100	1.80	39.20	1.67	2.30	±5	2024/3/22
2600	22.7	1.950	38.30	1.96	39.00	-0.51	-1.79	±5	2024/2/18
2600	22.8	1.990	38.20	1.96	39.00	1.53	-2.05	±5	2024/2/28
2600	22.9	1.980	37.60	1.96	39.00	1.02	-3.59	±5	2024/2/29
2600	22.1	1.970	38.20	1.96	39.00	0.51	-2.05	±5	2024/3/3
2600	22.4	1.970	38.00	1.96	39.00	0.51	-2.56	±5	2024/3/4
2600	22.2	1.950	38.50	1.96	39.00	-0.51	-1.28	±5	2024/3/6
2600	22.7	1.960	38.10	1.96	39.00	0.00	-2.31	±5	2024/3/7
2600	22.5	1.970	39.70	1.96	39.00	0.51	1.79	±5	2024/3/10
2600	22.4	1.960	37.90	1.96	39.00	0.00	-2.82	±5	2024/3/11
2600	22.6	1.990	37.90	1.96	39.00	1.53	-2.82	±5	2024/3/13
2600	22.5	1.960	39.4	1.96	39.00	0.00	1.03	±5	2024/3/16
3500	22.5	2.940	38.00	2.91	37.90	1.03	0.26	±5	2024/2/19
3500	22.4	3.000	37.90	2.91	37.90	3.09	0.00	±5	2024/3/11
3500	22.7	3.020	37.90	2.91	37.90	3.78	0.00	±5	2024/3/12
3500	22.1	3.010	37.80	2.91	37.90	3.44	-0.26	±5	2024/3/13
3500	22.4	2.910	36.90	2.91	37.90	0.00	-2.64	±5	2024/3/14
3500	22.5	2.900	36.80	2.91	37.90	-0.34	-2.90	±5	2024/3/15
3500	22.5	3.030	37.8	2.91	37.90	4.12	-0.26	±5	2024/3/17
3500	22.5	2.950	37.7	2.91	37.90	1.37	-0.53	±5	2024/3/18
3500	22.1	2.980	38.2	2.91	37.90	2.41	0.79	±5	2024/3/19
3500	22.3	2.980	37.7	2.91	37.90	2.41	-0.53	±5	2024/3/20
3700	22.5	3.110	37.80	3.12	37.70	-0.32	0.27	±5	2024/2/19
3700	22.4	3.190	37.60	3.12	37.70	2.24	-0.27	±5	2024/3/11
3700	22.7	3.180	37.70	3.12	37.70	1.92	0.00	±5	2024/3/12
3700	22.1	3.170	37.60	3.12	37.70	1.60	-0.27	±5	2024/3/13
3700	22.4	3.090	36.60	3.12	37.70	-0.96	-2.92	±5	2024/3/14
3700	22.5	3.080	36.50	3.12	37.70	-1.28	-3.18	±5	2024/3/15
3700	22.5	3.220	37.5	3.12	37.70	3.21	-0.53	±5	2024/3/17
3700	22.5	3.130	37.4	3.12	37.70	0.32	-0.80	±5	2024/3/18
3700	22.1	3.130	38	3.12	37.70	0.32	0.80	±5	2024/3/19
3700	22.3	3.170	37.4	3.12	37.70	1.60	-0.80	±5	2024/3/20
3900	22.5	3.300	37.70	3.33	37.51	-0.90	0.51	±5	2024/2/19
3900	22.4	3.400	37.30	3.33	37.51	2.10	-0.56	±5	2024/3/11
3900	22.7	3.360	37.40	3.33	37.51	0.90	-0.29	±5	2024/3/12
3900	22.1	3.350	37.30	3.33	37.51	0.60	-0.56	±5	2024/3/13
3900	22.5	3.280	36.20	3.33	37.51	-1.50	-3.49	±5	2024/3/15
3900	22.5	3.390	37.3	3.33	37.51	1.80	-0.56	±5	2024/3/17
2600	22.5	1.970	38.7	1.96	39.00	0.51	-0.77	±5	2024/4/12
3500	22.5	2.950	37.1	2.91	37.90	1.37	-2.11	±5	2024/4/12
3700	22.5	3.120	36.8	3.12	37.70	0.00	-2.39	±5	2024/4/12

5250	22.5	4.600	35.500	4.71	35.95	-2.34	-1.25	±5	2024/3/14
5250	22.5	4.590	36.100	4.71	35.95	-2.55	0.42	±5	2024/3/16
5250	22.5	4.810	37.100	4.71	35.95	2.12	3.20	±5	2024/3/18
5250	22.1	4.650	37.100	4.71	35.95	-1.27	3.20	±5	2024/3/19
5250	22.4	4.550	35.300	4.71	35.95	-3.40	-1.81	±5	2024/3/22
5250	22.8	4.640	36.900	4.71	35.95	-1.49	2.64	±5	2024/3/23
5600	22.5	5.000	34.900	5.07	35.50	-1.38	-1.69	±5	2024/3/14
5600	22.5	5.040	35.300	5.07	35.50	-0.59	-0.56	±5	2024/3/16
5600	22.5	5.220	36.600	5.07	35.50	2.96	3.10	±5	2024/3/18
5600	22.1	5.020	36.600	5.07	35.50	-0.99	3.10	±5	2024/3/19
5600	22.4	4.940	34.700	5.07	35.50	-2.56	-2.25	±5	2024/3/22
5600	22.8	4.990	36.400	5.07	35.50	-1.58	2.54	±5	2024/3/23
5800	22.5	5.180	35.400	5.27	35.30	-1.71	0.28	±5	2024/3/16
5800	22.5	5.430	36.300	5.27	35.30	3.04	2.83	±5	2024/3/18
5800	22.1	5.230	36.300	5.27	35.30	-0.76	2.83	±5	2024/3/19
5800	22.4	5.190	34.300	5.27	35.30	-1.52	-2.83	±5	2024/3/22
5800	22.8	5.200	36.200	5.27	35.30	-1.33	2.55	±5	2024/3/23
5800	22.5	5.270	34.400	5.27	35.30	0.00	-2.55	±5	2024/5/2
6500	22.5	6.090	34.700	6.07	34.50	0.33	0.58	±5	2024/3/19
6500	22.5	6.090	34.700	6.07	34.50	0.33	0.58	±5	2024/3/19
6500	22.5	6.150	34.600	6.07	34.50	1.32	0.29	±5	2024/3/21
6500	22.5	6.170	34.700	6.07	34.50	1.65	0.58	±5	2024/3/24
6500	22.5	6.160	35.100	6.07	34.50	1.48	1.74	±5	2024/3/26

10.2 System Performance Check Results

Comparing to the original SAR value provided by SPEAG, the verification data should be within its specification of 10 %. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion and the plots can be referred to Appendix A of this report.

Test Site	Date	Frequency (MHz)	Input Power (mW)	Dipole S/N	Probe S/N	DAE S/N	Measured 1g SAR (W/kg)	Targeted 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (%)
SAR-08	2024/3/27	13	1000	CLA13-1011	EX3DV4 - SN3931	DAE4 Sn1805	0.514	0.544	0.514	-4.81	0.319	0.340	0.319	-6.18
SAR-18	2024/2/16	750	50	D750V3-1107	EX3DV4 - SN7694	DAE4ip Sn1800	0.412	8.540	8.24	-3.51	0.270	0.260	5.4	0.18
SAR-18	2024/2/21	750	50	D750V3-1107	EX3DV4 - SN7694	DAE4ip Sn1800	0.407	8.540	8.14	-4.68	0.268	5.570	5.36	-3.77
SAR-19	2024/2/26	750	50	D750V3-1107	EX3DV4 - SN7700	DAE4 Sn656	0.421	8.540	8.42	-1.41	0.284	5.570	5.68	1.97
SAR-19	2024/2/28	750	50	D750V3-1107	EX3DV4 - SN7700	DAE4 Sn656	0.421	8.540	8.42	-1.41	0.280	5.570	5.6	0.54
SAR-19	2024/3/2	750	50	D750V3-1107	EX3DV4 - SN7700	DAE4 Sn656	0.424	8.540	8.48	-0.70	0.287	5.570	5.74	0.13
SAR-19	2024/3/5	750	50	D750V3-1107	EX3DV4 - SN7700	DAE4 Sn656	0.398	8.540	7.96	-6.79	0.265	5.570	5.3	-4.85
SAR-18	2024/3/5	750	50	D750V3-1107	EX3DV4 - SN7694	DAE4ip Sn1800	0.422	8.540	8.44	-1.17	0.274	5.570	5.48	-1.62
SAR-18	2024/3/6	750	50	D750V3-1107	EX3DV4 - SN7694	DAE4ip Sn1800	0.423	8.540	8.46	-0.94	0.277	5.570	5.54	-0.54
SAR-19	2024/3/7	750	50	D750V3-1107	EX3DV4 - SN7700	DAE4 Sn656	0.401	8.540	8.02	-6.09	0.268	5.570	5.36	-3.77
SAR-19	2024/3/10	750	50	D750V3-1107	EX3DV4 - SN7700	DAE4 Sn656	0.402	8.540	8.04	-5.85	0.269	5.570	5.38	-3.41
SAR-18	2024/3/10	750	50	D750V3-1107	EX3DV4 - SN7694	DAE4ip Sn1800	0.397	8.540	7.94	-7.03	0.260	5.570	5.2	-6.64
SAR-19	2024/3/11	750	50	D750V3-1107	EX3DV4 - SN7785	DAE4 Sn1707	0.404	8.540	8.08	-5.39	0.272	5.570	5.44	-2.33
SAR-19	2024/3/17	750	50	D750V3-1107	EX3DV4 - SN7700	DAE4 Sn656	0.413	8.540	8.26	-3.28	0.274	5.570	5.48	-1.62
SAR-18	2024/2/14	835	50	D835V2-4d167	EX3DV4 - SN7694	DAE4ip Sn1800	0.526	9.800	10.52	7.35	0.340	6.380	6.8	6.58
SAR-18	2024/2/18	835	50	D835V2-4d060	EX3DV4 - SN7694	DAE4ip Sn1800	0.521	9.730	10.42	7.09	0.337	6.390	6.74	5.48
SAR-18	2024/3/1	835	50	D835V2-4d167	EX3DV4 - SN7700	DAE4 Sn656	0.500	9.800	10	2.04	0.331	6.380	6.62	3.76
SAR-18	2024/3/2	835	50	D835V2-4d060	EX3DV4 - SN7694	DAE4ip Sn1800	0.513	9.730	10.26	5.45	0.333	6.390	6.66	4.23
SAR-18	2024/3/4	835	50	D835V2-4d167	EX3DV4 - SN7694	DAE4ip Sn1800	0.518	9.800	10.36	5.71	0.338	6.380	6.76	5.96
SAR-19	2024/3/5	835	50	D835V2-4d167	EX3DV4 - SN7700	DAE4 Sn656	0.480	9.800	9.6	-2.04	0.318	6.380	6.36	-0.31
SAR-18	2024/3/6	835	50	D835V2-4d060	EX3DV4 - SN7694	DAE4ip Sn1800	0.512	9.730	10.24	5.24	0.332	6.390	6.64	3.91
SAR-18	2024/3/7	835	50	D835V2-4d060	EX3DV4 - SN7694	DAE4ip Sn1800	0.515	9.730	10.3	5.86	0.335	6.390	6.7	4.85
SAR-19	2024/3/7	835	50	D835V2-4d167	EX3DV4 - SN7700	DAE4 Sn656	0.483	9.800	9.66	-1.43	0.320	6.380	6.4	0.31
SAR-19	2024/3/8	835	50	D835V2-4d060	EX3DV4 - SN7700	DAE4 Sn656	0.492	9.730	9.84	1.13	0.326	6.390	6.52	2.03
SAR-18	2024/3/10	835	50	D835V2-4d060	EX3DV4 - SN7694	DAE4ip Sn1800	0.519	9.730	10.38	6.68	0.339	6.390	6.78	6.10
SAR-19	2024/3/10	835	50	D835V2-4d167	EX3DV4 - SN7700	DAE4 Sn656	0.483	9.800	9.66	-1.43	0.320	6.380	6.4	0.31
SAR-17	2024/3/15	835	50	D835V2-4d060	EX3DV4 - SN7791	DAE4 Sn1647	0.497	9.730	9.94	2.16	0.330	6.390	6.6	3.29
SAR-17	2024/3/15	835	50	D835V2-4d060	EX3DV4 - SN7813	DAE4 Sn1647	0.492	9.730	9.84	1.13	0.327	6.390	6.54	2.35
SAR-20	2024/3/9	1640	50	D1640V2-346	EX3DV4 - SN7785	DAE4 Sn1707	1.630	34.600	32.6	-5.78	0.905	18.600	18.1	-2.69
SAR-18	2024/2/15	1750	50	D1750V2-1112	EX3DV4 - SN7694	DAE4ip Sn1800	1.670	36.900	33.4	-9.49	0.885	19.400	17.7	-8.76
SAR-18	2024/2/18	1750	50	D1750V2-1112	EX3DV4 - SN7694	DAE4ip Sn1800	1.830	36.900	36.6	-0.81	0.960	19.400	19.2	-1.03
SAR-19	2024/2/25	1750	50	D1750V2-1112	EX3DV4 - SN7700	DAE4 Sn656	1.750	36.900	35	-5.15	0.948	19.400	18.96	-2.27
SAR-19	2024/2/28	1750	50	D1750V2-1112	EX3DV4 - SN7700	DAE4 Sn656	1.810	36.900	36.2	-1.90	0.971	19.400	19.42	0.10
SAR-18	2024/3/8	1750	50	D1750V2-1112	EX3DV4 - SN7694	DAE4ip Sn1800	1.790	36.900	35.8	-2.98	0.932	19.400	18.64	-3.92
SAR-19	2024/3/8	1750	50	D1750V2-1112	EX3DV4 - SN7700	DAE4 Sn656	1.690	36.900	33.8	-8.40	0.913	19.400	18.26	-5.88

SAR-19	2024/3/9	1750	50	D1750V2-1112	EX3DV4 - SN7700	DAE4 Sn656	1.810	36.900	36.2	-1.90	0.960	19.400	19.2	-1.03
SAR-18	2024/3/9	1750	50	D1750V2-1112	EX3DV4 - SN7694	DAE4ip Sn1800	1.670	36.900	33.4	-9.49	0.884	19.400	17.68	-8.87
SAR-18	2024/3/10	1750	50	D1750V2-1112	EX3DV4 - SN7694	DAE4ip Sn1800	1.700	36.900	34	-7.86	0.895	19.400	17.9	-7.73
SAR-19	2024/3/11	1750	50	D1750V2-1112	EX3DV4 - SN7700	DAE4 Sn656	1.720	36.900	34.4	-6.78	0.931	19.400	18.62	-4.02
SAR-19	2024/3/12	1750	50	D1750V2-1112	EX3DV4 - SN7700	DAE4 Sn656	1.790	36.900	35.8	-2.98	0.961	19.400	19.22	-0.93
SAR-17	2024/3/14	1750	50	D1750V2-1112	EX3DV4 - SN7791	DAE4 Sn1647	1.710	36.900	34.2	-7.32	0.917	19.400	18.34	-5.46
SAR-17	2024/3/16	1750	50	D1750V2-1112	EX3DV4 - SN7813	DAE4 Sn1647	1.760	36.900	35.2	-4.61	0.941	19.400	18.82	-2.99
SAR-17	2024/3/18	1750	50	D1750V2-1112	EX3DV4 - SN7813	DAE4 Sn1647	1.820	36.900	36.4	-1.36	0.977	19.400	19.54	0.72
SAR-19	2024/2/25	1900	50	D1900V2-5d185	EX3DV4 - SN7700	DAE4 Sn656	1.910	39.000	38.2	-2.05	1.000	20.400	20	-1.96
SAR-19	2024/2/28	1900	50	D1900V2-5d185	EX3DV4 - SN7700	DAE4 Sn656	1.900	39.000	38	-2.56	0.993	20.400	19.86	-2.65
SAR-18	2024/3/1	1900	50	D1900V2-5d185	EX3DV4 - SN7694	DAE4ip Sn1800	2.000	39.000	40	2.56	1.070	20.400	21.4	4.90
SAR-18	2024/3/5	1900	50	D1900V2-5d185	EX3DV4 - SN7694	DAE4ip Sn1800	2.050	39.000	41	5.13	1.060	20.400	21.2	3.92
SAR-19	2024/3/7	1900	50	D1900V2-5d185	EX3DV4 - SN7700	DAE4 Sn656	1.990	39.000	39.8	2.05	1.050	20.400	21	2.94
SAR-19	2024/3/8	1900	50	D1900V2-5d185	EX3DV4 - SN7700	DAE4 Sn656	1.780	39.000	35.6	-8.72	0.939	20.400	18.78	-7.94
SAR-18	2024/3/8	1900	50	D1900V2-5d185	EX3DV4 - SN7694	DAE4ip Sn1800	1.870	39.000	37.4	-4.10	0.980	20.400	19.6	-3.92
SAR-19	2024/3/9	1900	50	D1900V2-5d185	EX3DV4 - SN7700	DAE4 Sn656	1.830	39.000	36.6	-6.15	0.958	20.400	19.16	-6.08
SAR-18	2024/3/9	1900	50	D1900V2-5d185	EX3DV4 - SN7694	DAE4ip Sn1800	1.880	39.000	37.6	-3.59	0.975	20.400	19.5	-4.41
SAR-18	2024/3/10	1900	50	D1900V2-5d185	EX3DV4 - SN7694	DAE4ip Sn1800	1.830	39.000	36.6	-6.15	0.949	20.400	18.98	-6.96
SAR-19	2024/3/11	1900	50	D1900V2-5d185	EX3DV4 - SN7700	DAE4 Sn656	1.850	39.000	37	-5.13	0.972	20.400	19.44	-4.71
SAR-19	2024/3/12	1900	50	D1900V2-5d185	EX3DV4 - SN7700	DAE4 Sn656	1.930	39.000	38.6	-1.03	1.010	20.400	20.2	-0.98
SAR-17	2024/3/14	1900	50	D1900V2-5d185	EX3DV4 - SN7791	DAE4 Sn1647	1.760	39.000	35.2	-9.74	0.921	20.400	18.42	-9.71
SAR-17	2024/3/16	1900	50	D1900V2-5d185	EX3DV4 - SN7813	DAE4 Sn1647	2.000	39.000	40	2.56	1.040	20.400	20.8	1.96
SAR-17	2024/3/17	1900	50	D1900V2-5d185	EX3DV4 - SN7813	DAE4 Sn1647	1.960	39.000	39.2	0.51	1.030	20.400	20.6	0.98
SAR-18	2024/3/13	2000	50	D2000V2-1010	EX3DV4 - SN7791	DAE4ip Sn1800	2.070	41.900	41.4	-1.19	1.050	21.700	21	-3.23
SAR-19	2024/3/14	2300	50	D2300V2-1006	EX3DV4 - SN7700	DAE4 Sn656	2.380	48.300	47.6	-1.45	1.150	23.500	23	-2.13
SAR-19	2024/3/16	2300	50	D2300V2-1006	EX3DV4 - SN7700	DAE4 Sn656	2.260	48.300	45.2	-6.42	1.090	23.500	21.8	-7.23
SAR-18	2024/3/14	2450	50	D2450V2-736	EX3DV4 - SN7785	DAE4 Sn1707	2.920	54.200	58.4	7.75	1.350	25.300	27	6.72
SAR-21	2024/3/14	2450	50	D2450V2-736	EX3DV4 - SN7793	DAE4 Sn1707	2.640	54.200	52.8	-2.58	1.240	25.300	24.8	-1.98
SAR-16	2024/3/18	2450	50	D2450V2-736	EX3DV4 - SN7694	DAE4ip Sn1800	2.450	54.200	49	-9.59	1.170	25.300	23.4	-7.51
SAR-17	2024/3/19	2450	50	D2450V2-736	EX3DV4 - SN7813	DAE4 Sn1647	2.520	54.200	50.4	-7.01	1.180	25.300	23.6	-6.72
SAR-19	2024/3/20	2450	50	D2450V2-929	EX3DV4 - SN7700	DAE4 Sn656	2.360	52.400	47.2	-9.92	1.120	24.700	22.4	-9.31
SAR-21	2024/3/21	2450	50	D2450V2-736	EX3DV4 - SN7793	DAE4 Sn1707	2.500	54.200	50	-7.75	1.180	25.300	23.6	-6.72
SAR-21	2024/3/22	2450	50	D2450V2-736	EX3DV4 - SN7793	DAE4 Sn1707	2.480	54.200	49.6	-8.49	1.170	25.300	23.4	-7.51
SAR-18	2024/2/18	2600	50	D2600V2-1078	EX3DV4 - SN7694	DAE4ip Sn1800	2.670	55.400	53.4	-3.61	1.260	24.900	25.2	1.20
SAR-19	2024/2/28	2600	50	D2600V2-1078	EX3DV4 - SN7700	DAE4 Sn656	2.650	55.400	53	-4.33	1.200	24.900	24	-3.61
SAR-18	2024/2/29	2600	50	D2600V2-1078	EX3DV4 - SN7694	DAE4ip Sn1800	2.980	55.400	59.6	7.58	1.300	24.900	26	4.42
SAR-18	2024/3/3	2600	50	D2600V2-1078	EX3DV4 - SN7694	DAE4ip Sn1800	2.640	55.400	52.8	-4.69	1.180	24.900	23.6	-5.22
SAR-18	2024/3/4	2600	50	D2600V2-1078	EX3DV4 - SN7694	DAE4ip Sn1800	2.710	55.400	54.2	-2.17	1.220	24.900	24.4	-2.01
SAR-19	2024/3/6	2600	50	D2600V2-1078	EX3DV4 - SN7700	DAE4 Sn656	2.660	55.400	53.2	-3.97	1.200	24.900	24	-3.61
SAR-18	2024/3/7	2600	50	D2600V2-1078	EX3DV4 - SN7694	DAE4ip Sn1800	2.620	55.400	52.4	-5.42	1.180	24.900	23.6	-5.22

SAR-18	2024/3/10	2600	50	D2600V2-1078	EX3DV4 - SN7694	DAE4ip Sn1800	2.900	55.400	58	4.69	1.280	24.900	25.6	2.81
SAR-21	2024/3/11	2600	50	D2600V2-1078	EX3DV4 - SN7785	DAE4 Sn1707	2.710	55.400	54.2	-2.17	1.220	24.900	24.4	-2.01
SAR-19	2024/3/13	2600	50	D2600V2-1078	EX3DV4 - SN7700	DAE4 Sn656	2.580	55.400	51.6	-6.86	1.170	24.900	23.4	-6.02
SAR-18	2024/3/16	2600	50	D2600V2-1078	EX3DV4 - SN7694	DAE4ip Sn1800	2.540	55.400	50.8	-8.30	1.130	24.900	22.6	-9.24
SAR-22	2024/4/12	2600	50	D2600V2-1078	EX3DV4 - SN7590	DAE4 Sn699	2.750	55.400	55	-0.72	1.240	24.900	24.8	-0.40
SAR-18	2024/2/19	3500	50	D3500V2-1036	EX3DV4 - SN7694	DAE4ip Sn1800	3.530	67.400	70.6	4.75	1.350	25.100	27	7.57
SAR-21	2024/3/11	3500	50	D3500V2-1036	EX3DV4 - SN7785	DAE4 Sn1707	3.170	67.400	63.4	-5.93	1.170	25.100	23.4	-6.77
SAR-21	2024/3/12	3500	50	D3500V2-1014	EX3DV4 - SN7785	DAE4 Sn1707	3.170	67.200	63.4	-5.65	1.180	25.100	23.6	-5.98
SAR-21	2024/3/13	3500	50	D3500V2-1014	EX3DV4 - SN7785	DAE4 Sn1707	3.550	67.200	71	5.65	1.360	25.100	27.2	8.37
SAR-19	2024/3/14	3500	50	D3500V2-1014	EX3DV4 - SN7700	DAE4 Sn656	3.510	67.200	70.2	4.46	1.340	25.100	26.8	6.77
SAR-19	2024/3/15	3500	50	D3500V2-1014	EX3DV4 - SN7700	DAE4 Sn656	3.100	67.200	62	-7.74	1.200	25.100	24	-4.38
SAR-19	2024/3/17	3500	50	D3500V2-1036	EX3DV4 - SN7700	DAE4 Sn656	3.050	67.400	61	-9.50	1.180	25.100	23.6	-5.98
SAR-21	2024/3/18	3500	50	D3500V2-1036	EX3DV4 - SN7793	DAE4 Sn1707	3.130	67.400	62.6	-7.12	1.220	25.100	24.4	-2.79
SAR-21	2024/3/19	3500	50	D3500V2-1036	EX3DV4 - SN7793	DAE4 Sn1707	3.130	67.400	62.6	-7.12	1.210	25.100	24.2	-3.59
SAR-21	2024/3/20	3500	50	D3500V2-1036	EX3DV4 - SN7793	DAE4 Sn1707	3.350	67.400	67	-0.59	1.300	25.100	26	3.59
SAR-22	2024/4/12	3500	50	D3500V2-1036	EX3DV4 - SN7590	DAE4 Sn699	3.540	67.400	70.8	5.04	1.360	25.100	27.2	8.37
SAR-18	2024/2/19	3700	50	D3700V2-1006	EX3DV4 - SN7694	DAE4ip Sn1800	3.020	65.600	60.4	-7.93	1.140	23.700	22.8	-3.80
SAR-21	2024/3/11	3700	50	D3700V2-1006	EX3DV4 - SN7785	DAE4 Sn1707	3.340	65.600	66.8	1.83	1.240	23.700	24.8	4.64
SAR-21	2024/3/12	3700	50	D3700V2-1006	EX3DV4 - SN7785	DAE4 Sn1707	3.390	65.600	67.8	3.35	1.260	23.700	25.2	6.33
SAR-21	2024/3/13	3700	50	D3700V2-1006	EX3DV4 - SN7785	DAE4 Sn1707	3.130	65.600	62.6	-4.57	1.180	23.700	23.6	-0.42
SAR-19	2024/3/14	3700	50	D3700V2-1006	EX3DV4 - SN7700	DAE4 Sn656	3.000	65.600	60	-8.54	1.130	23.700	22.6	-4.64
SAR-19	2024/3/15	3700	50	D3700V2-1006	EX3DV4 - SN7700	DAE4 Sn656	3.000	65.600	60	-8.54	1.130	23.700	22.6	-4.64
SAR-19	2024/3/17	3700	50	D3700V2-1006	EX3DV4 - SN7700	DAE4 Sn656	3.130	65.600	62.6	-4.57	1.180	23.700	23.6	-0.42
SAR-21	2024/3/18	3700	50	D3700V2-1006	EX3DV4 - SN7793	DAE4 Sn1707	3.350	65.600	67	2.13	1.250	23.700	25	5.49
SAR-21	2024/3/19	3700	50	D3700V2-1006	EX3DV4 - SN7793	DAE4 Sn1707	3.340	65.600	66.8	1.83	1.240	23.700	24.8	4.64
SAR-21	2024/3/20	3700	50	D3700V2-1006	EX3DV4 - SN7793	DAE4 Sn1707	3.060	65.600	61.2	-6.71	1.160	23.700	23.2	-2.11
SAR-22	2024/4/12	3700	50	D3700V2-1006	EX3DV4 - SN7590	DAE4 Sn699	3.410	65.600	68.2	3.96	1.270	23.700	25.4	7.17
SAR-18	2024/2/19	3900	50	D3900V2-1017-3900	EX3DV4 - SN7694	DAE4ip Sn1800	3.750	68.700	75	9.17	1.290	23.900	25.8	7.95
SAR-21	2024/3/11	3900	50	D3900V2-1017-3900	EX3DV4 - SN7785	DAE4 Sn1707	3.600	68.700	72	4.80	1.280	23.900	25.6	7.11
SAR-21	2024/3/12	3900	50	D3900V2-1017-3900	EX3DV4 - SN7785	DAE4 Sn1707	3.190	68.700	63.8	-7.13	1.160	23.900	23.2	-2.93
SAR-21	2024/3/13	3900	50	D3900V2-1017-3900	EX3DV4 - SN7785	DAE4 Sn1707	3.320	68.700	66.4	-3.35	1.190	23.900	23.8	-0.42
SAR-19	2024/3/15	3900	50	D3900V2-1092	EX3DV4 - SN7700	DAE4 Sn656	3.300	67.000	66	-1.49	1.190	23.200	23.8	2.59
SAR-19	2024/3/17	3900	50	D3900V2-1017-3900	EX3DV4 - SN7700	DAE4 Sn656	3.340	68.700	66.8	-2.77	1.190	23.900	23.8	-0.42
SAR-16	2024/3/14	5250	50	D5GHzV2-1171-5250	EX3DV4 - SN7694	DAE4ip Sn1800	4.270	80.300	85.4	6.35	1.190	23.000	23.8	3.48
SAR-21	2024/3/16	5250	50	D5GHzV2-1171-5250	EX3DV4 - SN7793	DAE4 Sn1707	3.790	80.300	75.8	-5.60	1.050	23.000	21	-8.70
SAR-21	2024/3/18	5250	50	D5GHzV2-1171-5250	EX3DV4 - SN7793	DAE4 Sn1707	4.290	80.300	85.8	6.85	1.220	23.000	24.4	6.09
SAR-21	2024/3/19	5250	50	D5GHzV2-1171-5250	EX3DV4 - SN7793	DAE4 Sn1707	4.160	80.300	83.2	3.61	1.170	23.000	23.4	1.74
SAR-19	2024/3/22	5250	50	D5GHzV2-1171-5250	EX3DV4 - SN7700	DAE4 Sn656	4.280	80.300	85.6	6.60	1.180	23.000	23.6	2.61
SAR-19	2024/3/23	5250	50	D5GHzV2-1171-5250	EX3DV4 - SN7700	DAE4 Sn656	3.810	80.300	76.2	-5.11	1.090	23.000	21.8	-5.22
SAR-16	2024/3/14	5600	50	D5GHzV2-1171-5600	EX3DV4 - SN7694	DAE4ip Sn1800	3.880	83.400	77.6	-6.95	1.090	23.700	21.8	-8.02

SAR-21	2024/3/16	5600	50	D5GHzV2-1171-5600	EX3DV4 - SN7793	DAE4 Sn1707	4.300	83.400	86	3.12	1.120	23.700	22.4	-5.49
SAR-21	2024/3/18	5600	50	D5GHzV2-1171-5600	EX3DV4 - SN7793	DAE4 Sn1707	3.980	83.400	79.6	-4.56	1.160	23.700	23.2	-2.11
SAR-21	2024/3/19	5600	50	D5GHzV2-1171-5600	EX3DV4 - SN7793	DAE4 Sn1707	3.760	83.400	75.2	-9.83	1.070	23.700	21.4	-9.70
SAR-19	2024/3/22	5600	50	D5GHzV2-1171-5600	EX3DV4 - SN7700	DAE4 Sn656	4.560	83.400	91.2	9.35	1.270	23.700	25.4	7.17
SAR-19	2024/3/23	5600	50	D5GHzV2-1171-5600	EX3DV4 - SN7700	DAE4 Sn656	3.830	83.400	76.6	-8.15	1.090	23.700	21.8	-8.02
SAR-21	2024/3/16	5800	50	D5GHzV2-1128-5800	EX3DV4 - SN7793	DAE4 Sn1707	3.590	78.700	71.8	-8.77	1.010	22.200	20.2	-9.01
SAR-21	2024/3/18	5800	50	D5GHzV2-1128-5800	EX3DV4 - SN7793	DAE4 Sn1707	3.690	78.700	73.8	-6.23	1.050	22.200	21	-5.41
SAR-21	2024/3/19	5800	50	D5GHzV2-1128-5800	EX3DV4 - SN7793	DAE4 Sn1707	4.200	78.700	84	6.73	1.160	22.200	23.2	4.50
SAR-19	2024/3/22	5800	50	D5GHzV2-1128-5800	EX3DV4 - SN7700	DAE4 Sn656	3.940	78.700	78.8	0.13	1.110	22.200	22.2	0.00
SAR-19	2024/3/23	5800	50	D5GHzV2-1128-5800	EX3DV4 - SN7700	DAE4 Sn656	3.910	78.700	78.2	-0.64	1.110	22.200	22.2	0.00
SAR-20	2024/5/2	5800	50	D5GHzV2-1128-5800	EX3DV4 - SN7590	DAE4 Sn1776	3.560	78.700	71.2	-9.53	1.020	22.200	20.4	-8.11
SAR-18	2024/3/19	6500	100	D6.5GHzV2-1083	EX3DV4 - SN7785	DAE4ip Sn1800	27.000	292.000	270	-7.53	5.020	54.000	50.2	-7.04
SAR-16	2024/3/19	6500	100	D6.5GHzV2-1083	EX3DV4 - SN7694	DAE4ip Sn1800	26.800	292.000	268	-8.22	5.000	54.000	50	-7.41
SAR-18	2024/3/21	6500	100	D6.5GHzV2-1083	EX3DV4 - SN7785	DAE4ip Sn1800	27.200	292.000	272	-6.85	5.060	54.000	50.6	-6.30
SAR-18	2024/3/24	6500	100	D6.5GHzV2-1083	EX3DV4 - SN7785	DAE4ip Sn1800	28.700	292.000	287	-1.71	5.320	54.000	53.2	-1.48
SAR-18	2024/3/26	6500	100	D6.5GHzV2-1083	EX3DV4 - SN7785	DAE4ip Sn1800	27.300	292.000	273	-6.51	5.060	54.000	50.6	-6.30

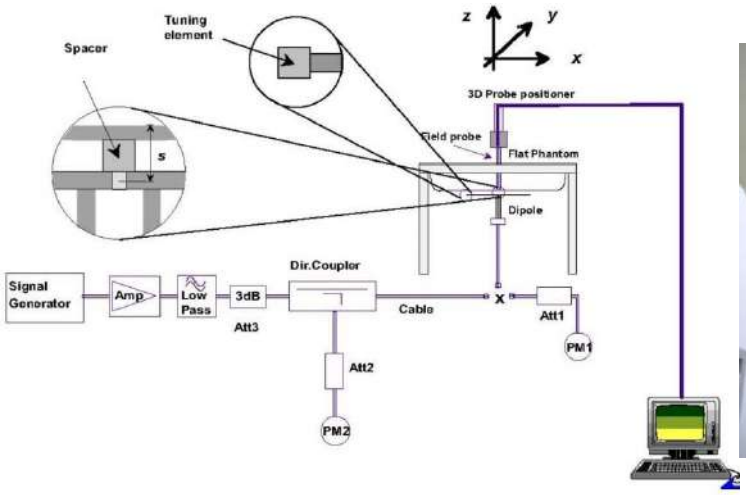


Fig 8.3.1 System Performance Check Setup

Fig 8.3.2 Setup Photo

10.3 PD System Performance Check Results

The system was verified to be within ±0.66 dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check. The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes

Test Site	Frequency (GHz)	5G Verification Source	Probe S/N	DAE S/N	Distance (mm)	Measured 4 cm^2 (W/m^2)	Targeted 4 cm^2 (W/m^2)	Deviation (dB)	Date
SAR13	10G	10GHz_1052	9441	1694	10	54	56.8	-0.22	2024/3/14
SAR13	10G	10GHz_1052	9441	661	10	50	56.8	-0.55	2024/3/28

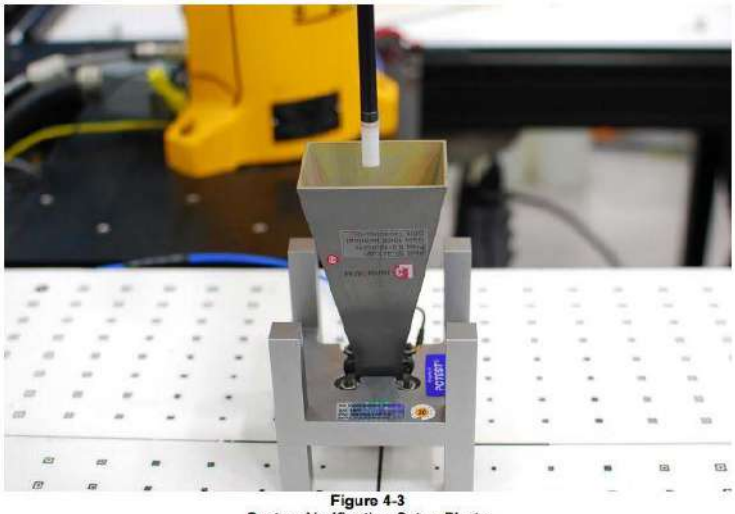


Figure 4-3
System Verification Setup Photo

System Performance Check Setup

11. RF Exposure Positions

11.1 Ear and handset reference point

Figure 9.1.1 shows the front, back, and side views of the SAM phantom. The center-of-mouth reference point is labeled “M,” the left ear reference point (ERP) is marked “LE,” and the right ERP is marked “RE.” Each ERP is 15 mm along the B-M (back-mouth) line behind the entrance-to-ear-canal (EEC) point, as shown in Figure 9.1.2 The Reference Plane is defined as passing through the two ear reference points and point M. The line N-F (neck-front), also called the reference pivoting line, is normal to the Reference Plane and perpendicular to both a line passing through RE and LE and the B-M line (see Figure 9.1.3). Both N-F and B-M lines should be marked on the exterior of the phantom shell to facilitate handset positioning. Posterior to the N-F line the ear shape is a flat surface with 6 mm thickness at each ERP, and forward of the N-F line the ear is truncated, as illustrated in Figure 9.1.2. The ear truncation is introduced to preclude the ear lobe from interfering with handset tilt, which could lead to unstable positioning at the cheek.

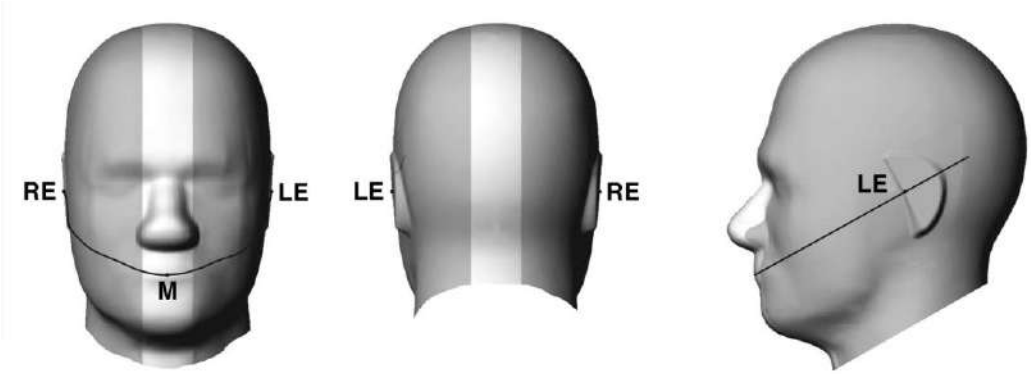


Fig 9.1.1 Front, back, and side views of SAM twin phantom

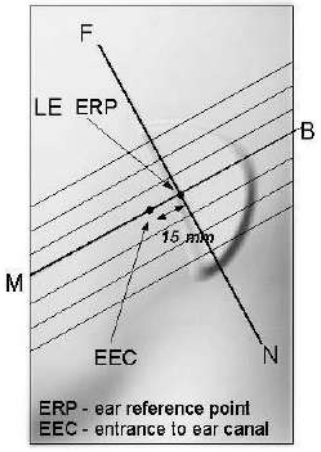


Fig 9.1.2 Close-up side view of phantom showing the ear region.

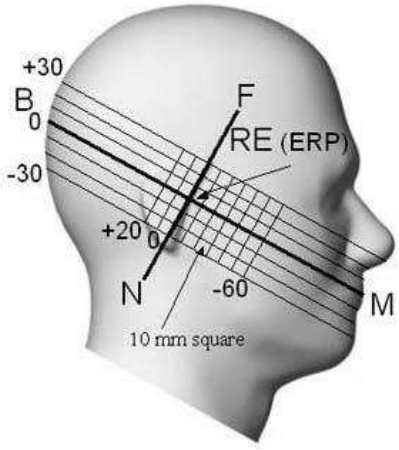


Fig 9.1.3 Side view of the phantom showing relevant markings and seven cross-sectional plane locations

11.2 Definition of the cheek position

1. Ready the handset for talk operation, if necessary. For example, for handsets with a cover piece (flip cover), open the cover. If the handset can transmit with the cover closed, both configurations must be tested.
2. Define two imaginary lines on the handset—the vertical centerline and the horizontal line. The vertical centerline passes through two points on the front side of the handset—the midpoint of the width wt of the handset at the level of the acoustic output (point A in Figure 9.2.1 and Figure 9.2.2), and the midpoint of the width wb of the bottom of the handset (point B). The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output (see Figure 9.2.1). The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily parallel to the front face of the handset (see Figure 9.2.2), especially for clamshell handsets, handsets with flip covers, and other irregularly-shaped handsets.
3. Position the handset close to the surface of the phantom such that point A is on the (virtual) extension of the line passing through points RE and LE on the phantom (see Figure 9.2.3), such that the plane defined by the vertical centerline and the horizontal line of the handset is approximately parallel to the sagittal plane of the phantom.
4. Translate the handset towards the phantom along the line passing through RE and LE until handset point A touches the pinna at the ERP.
5. While maintaining the handset in this plane, rotate it around the LE-RE line until the vertical centerline is in the plane normal to the plane containing B-M and N-F lines, i.e., the Reference Plane.
6. Rotate the handset around the vertical centerline until the handset (horizontal line) is parallel to the N-F line.
7. While maintaining the vertical centerline in the Reference Plane, keeping point A on the line passing through RE and LE, and maintaining the handset contact with the pinna, rotate the handset about the N-F line until any point on the handset is in contact with a phantom point below the pinna on the cheek. See Figure 9.2.3. The actual rotation angles should be documented in the test report.

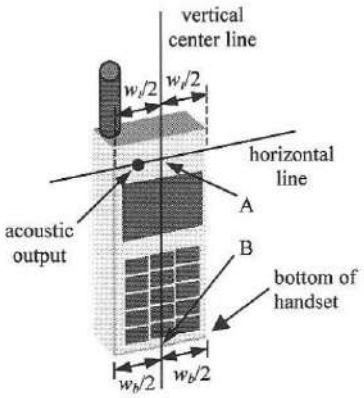


Fig 9.2.1 Handset vertical and horizontal reference lines—"fixed case

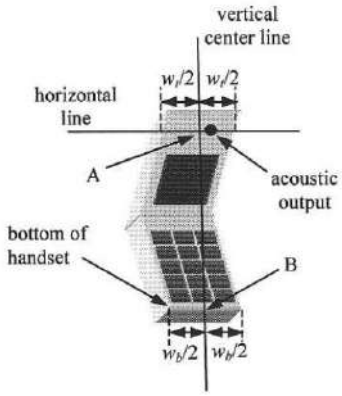


Fig 9.2.2 Handset vertical and horizontal reference lines—"clam-shell case"

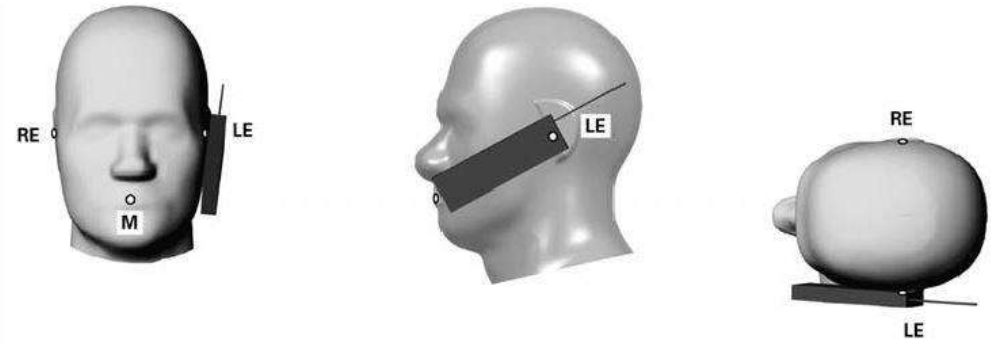


Fig 9.2.3 cheek or touch position. The reference points for the right ear (RE), left ear (LE), and mouth (M), which establish the Reference Plane for handset positioning, are indicated.

11.3 Definition of the tilt position

1. Ready the handset for talk operation, if necessary. For example, for handsets with a cover piece (flip cover), open the cover. If the handset can transmit with the cover closed, both configurations must be tested.
2. While maintaining the orientation of the handset, move the handset away from the pinna along the line passing through RE and LE far enough to allow a rotation of the handset away from the cheek by 15°.
3. Rotate the handset around the horizontal line by 15°.
4. While maintaining the orientation of the handset, move the handset towards the phantom on the line passing through RE and LE until any part of the handset touches the ear. The tilt position is obtained when the contact point is on the pinna. See Figure 9.3.1. If contact occurs at any location other than the pinna, e.g., the antenna at the back of the phantom head, the angle of the handset should be reduced. In this case, the tilt position is obtained if any point on the handset is in contact with the pinna and a second point

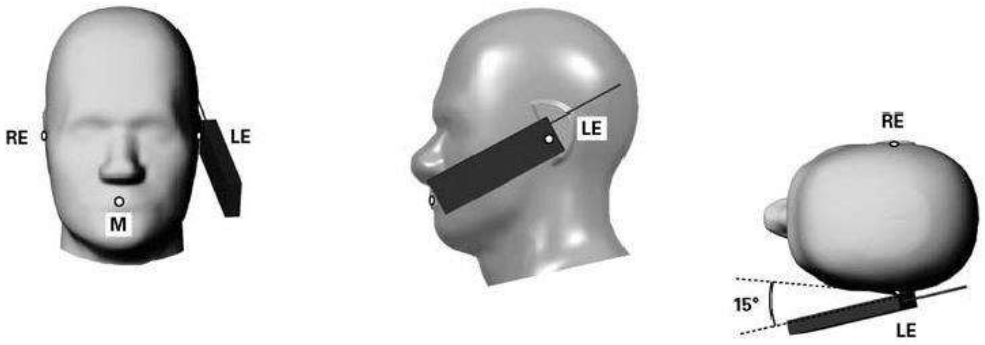


Fig 9.3.1 Tilt position. The reference points for the right ear (RE), left ear (LE), and mouth (M), which define the Reference Plane for handset positioning, are indicated.

11.4 Body Worn Accessory

Body-worn operating configurations are tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in a normal use configuration (see Figure 9.4). Per KDB648474 D04v01r03, body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in FCC KDB 447498 D01v06 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode, when applicable. When the reported SAR for body-worn accessory, measured without a headset connected to the handset is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a handset attached to the handset.

Accessories for body-worn operation configurations are divided into two categories: those that do not contain metallic components and those that do contain metallic components and those that do contain metallic components. When multiple accessories that do not contain metallic components are supplied with the device, the device is tested with only the accessory that dictates the closest spacing to the body. Then multiple accessories that contain metallic components are test with the device with each accessory. If multiple accessories share an identical metallic component (i.e. the same metallic belt-chip used with different holsters with no other metallic components) only the accessory that dictates the closest spacing to the body is tested.

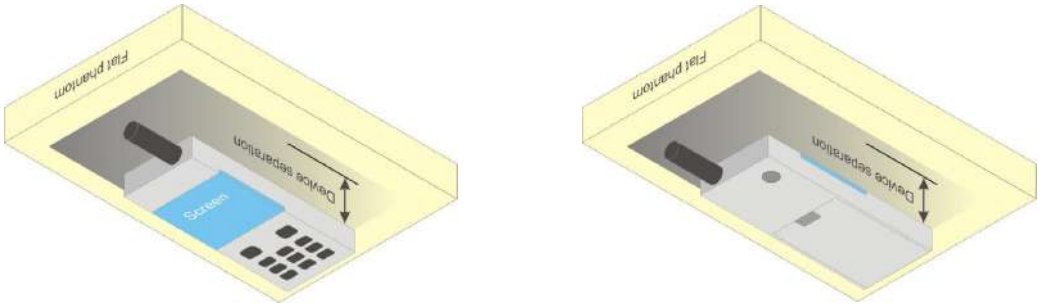


Fig 9.4 Body Worn Position

11.5 Product Specific Exposure

For smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, According to KDB648474 D04v01r03, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance

1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.

2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions.6 The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

11.6 Wireless Router

Some battery-operated handsets have the capability to transmit and receive user through simultaneous transmission of WIFI simultaneously with a separate licensed transmitter. The FCC has provided guidance in FCC KDB Publication 941225 D06 v02r01 where SAR test considerations for handsets (L x W ≥ 9 cm x 5 cm) are based on a composite test separation distance of 10mm from the front, back and edges of the device containing transmitting antennas within 2.5cm of their edges, determined form general mixed use conditions for this type of devices. Since the hotspot SAR results may overlap with the body-worn accessory SAR requirements, the more conservative configurations can be considered, thus excluding some body-worn accessory SAR tests.

When the user enables the personal wireless router functions for the handset, actual operations include simultaneous transmission of both the WIFI transmitter and another licensed transmitter. Both transmitters often do not transmit at the same transmitting frequency and thus cannot be evaluated for SAR under actual use conditions due to the limitations of the SAR assessment probes. Therefore, SAR must be evaluated for each frequency transmission and mode separately and spatially summed with the WIFI transmitter according to FCC KDB Publication 447498 D01v06 publication procedures. The “Portable Hotspot” feature on the handset was NOT activated during SAR assessments, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal at a time.

12. DL/UL carrier aggregation

<LTE Carrier Aggregation combinations>

General Note:

1. This device supports Carrier Aggregation on downlink for inter and intra band. For the device supports combination bands and configurations are according to 3GPP.
2. In applying the existing power measurement procedure of KDB 941225 D05A for DL CA SAR test exclusion, only the subset with the largest number of combinations of the frequency band and CCs in each row need consideration, and that configurations require power measurement should be highlighted in the below table.

2CC Downlink Carrier Aggregation			3CC Downlink Carrier Aggregation			4CC Downlink Carrier Aggregation		
Number	Combination	Covered by Measurement Superset	Number	Combination	Covered by Measurement Superset	Number	Combination	Covered by Measurement Superset
1	CA_2C	601	81	CA_25D	550	253	CA_41E	485
2	CA_5B	600	82	CA_41D	485	254	CA_48E	600
3	CA_5C	600	83	CA_48D	600	255	CA_41A-41A-41C	485
4	CA_7B	582	84	CA_66D	601	256	CA_41A-41D	485
5	CA_7C	582	85	CA_2A-2A-2A	601	257	CA_41C-41C	485
6	CA_12B	601	86	CA_25A-25A-25A	550	258	CA_48A-48A-48C	600
7	CA_25C	550	87	CA_25A-25C	550	259	CA_48A-48C-48A	600
8	CA_38C	168	88	CA_41A-41A-41A	485	260	CA_48C-48A-48A	600
9	CA_41C	485	89	CA_41A-41C	485	261	CA_48A-48D	600
10	CA_48C	600	90	CA_41C-41A	485	262	CA_48C-48C	600
11	CA_66B	601	91	CA_48A-48A-48A	600	263	CA_66B-66C	601
12	CA_66C	601	92	CA_48A-48C	600	265	CA_2A-2A-2A-5A	600
13	CA_2A-2A	601	93	CA_48C-48A	600	266	CA_2A-2A-2A-12A	601
14	CA_4A-4A	565	94	CA_66A-66A-66A	601	267	CA_2A-2A-2A-14A	597
15	CA_5A-5A	600	95	CA_66A-66B	601	268	CA_2A-2A-2A-29A	593
16	CA_7A-7A	582	96	CA_66A-66C	601	269	CA_2A-2A-2A-30A	601
17	CA_12A-12A	601	97	CA_66B-66A	601	270	CA_2A-2A-2A-66A	601
18	CA_25A-25A	550	98	CA_2A-2A-4A	565	271	CA_2A-2A-4A-4A	565
19	CA_38A-38A	168	99	CA_2A-2A-5A	600	272	CA_2A-2A-5A-5A	600
20	CA_41A-41A	485	100	CA_2A-2A-7A	582	273	CA_2A-2A-5B	600
21	CA_48A-48A	600	101	CA_2A-2A-12A	601	274	CA_2A-2A-7A-7A	582
22	CA_66A-66A	601	102	CA_2A-2A-13A	585	275	CA_2A-2A-7C	582
23	CA_2A-4A	565	103	CA_2A-2A-14A	597	276	CA_2A-2A-12B	601
24	CA_2A-5A	600	104	CA_2A-2A-29A	593	277	CA_2A-2A-66A-66A	601
25	CA_2A-7A	582	105	CA_2A-2A-30A	601	278	CA_2A-2A-66B	601
26	CA_2A-12A	601	106	CA_2A-2A-66A	601	279	CA_2A-2A-66C	601
27	CA_2A-13A	585	107	CA_2A-2A-71A	582	280	CA_2C-5B	600
28	CA_2A-14A	597	108	CA_2A-4A-4A	565	281	CA_2A-48A-48A-48A	600
29	CA_2A-17A	206	109	CA_2A-5A-5A	600	282	CA_2A-48A-48C	600
30	CA_2A-26A	454	110	CA_2A-5B	600	283	CA_2A-48C-48A	600
31	CA_2A-29A	593	111	CA_2C-5A	600	284	CA_2A-48D	600
32	CA_2A-30A	601	112	CA_2A-7A-7A	582	285	CA_2A-66A-66A-66A	601
33	CA_2A-48A	600	113	CA_2A-7C	582	286	CA_2A-66A-66B	601
34	CA_2A-66A	601	114	CA_2A-12A-12A	601	287	CA_2A-66A-66C	601
35	CA_2A-71A	582	115	CA_2A-12B	601	288	CA_2C-66A-66A	601
36	CA_4A-5A	520	116	CA_2C-12A	601	289	CA_2A-66D	601
37	CA_4A-7A	565	117	CA_2C-29A	593	290	CA_4A-4A-5A-5A	520
38	CA_4A-12A	447	118	CA_2C-30A	601	291	CA_4A-4A-5B	520
39	CA_4A-13A	503	119	CA_2A-48A-48A	600	292	CA_4A-4A-12B	447
40	CA_4A-17A	206	120	CA_2A-48C	600	293	CA_4A-4A-48A-48A	476
41	CA_4A-29A	564	121	CA_2A-66A-66A	601	294	CA_4A-48D	476
42	CA_4A-30A	565	122	CA_2A-66B	601	295	CA_5A-5A-66A-66A	600
43	CA_4A-48A	476	123	CA_2A-66C	601	296	CA_5A-5A-66B	600

44	CA_4A-71A	362	124	CA_2C-66A	601	297	CA_5A-5A-66C	600
45	CA_5A-7A	568	125	CA_4A-4A-5A	520	298	CA_5A-48A-48C	600
46	CA_5A-25A		126	CA_4A-4A-7A	565	299	CA_5A-48C-48A	600
47	CA_5A-30A	599	127	CA_4A-4A-12A	447	300	CA_5A-48D	600
48	CA_5A-38A	148	128	CA_4A-4A-13A	503	301	CA_5A-66A-66A-66A	600
49	CA_5A-41A		129	CA_4A-4A-29A	564	302	CA_5A-66A-66B	600
50	CA_5A-48A	600	130	CA_4A-4A-30A	565	303	CA_5A-66A-66C	600
51	CA_5A-66A	600	131	CA_4A-4A-48A	476	304	CA_5B-66A-66A	600
52	CA_7A-12A	578	132	CA_4A-4A-71A	362	305	CA_5A-66D	600
53	CA_7A-13A	579	133	CA_4A-5A-5A	520	306	CA_5B-66B	600
54	CA_7A-25A	550	134	CA_4A-5B	520	307	CA_5B-66C	600
55	CA_7A-26A	454	135	CA_4C-5A	520	308	CA_7A-7A-25A-25A	550
56	CA_7A-29A	580	136	CA_4A-7A-7A	565	309	CA_7A-7A-66A-66A	582
57	CA_7A-30A	581	137	CA_4A-7C	565	310	CA_7C-25A-25A	550
58	CA_7A-38A	168	138	CA_4C-7A	565	311	CA_7C-66A-66A	582
59	CA_7A-66A	582	139	CA_4A-12A-12A	447	312	CA_12A-66A-66A-66A	601
60	CA_12A-25A		140	CA_4A-12B	447	313	CA_12B-66A-66A	601
61	CA_12A-30A	601	141	CA_4C-12A	447	314	CA_13A-48A-48A-48A	585
62	CA_12A-48A	172	142	CA_4A-48A-48A	476	315	CA_13A-48A-48C	585
63	CA_12A-66A	601	143	CA_4A-48C	476	316	CA_13A-48C-48A	585
64	CA_13A-48A	585	144	CA_5A-5A-66A	600	317	CA_13A-48D	585
65	CA_13A-66A	585	145	CA_5A-7A-7A	568	318	CA_13A-66A-66A-66A	585
66	CA_14A-30A	597	146	CA_5A-7C	568	319	CA_13A-66A-66B	585
67	CA_14A-66A	597	147	CA_5B-30A	599	320	CA_13A-66A-66C	585
68	CA_25A-26A	186	148	CA_5B-38A		321	CA_13A-66D	585
69	CA_25A-41A	485	149	CA_5A-48A-48A	600	322	CA_14A-66A-66A-66A	597
70	CA_25A-48A		150	CA_5A-48C	600	323	CA_25A-25A-41C	485
71	CA_25A-66A	550	151	CA_5A-66A-66A	600	324	CA_25A-41D	485
72	CA_26A-7A	454	152	CA_5A-66B	600	325	CA_25C-41C	485
73	CA_26A-41A	189	153	CA_5A-66C	600	326	CA_29A-66A-66A-66A	593
74	CA_26A-66A	454	154	CA_5B-66A	600	327	CA_30A-66A-66A-66A	601
75	CA_29A-30A	593	155	CA_7A-7A-12A	578	328	CA_48A-48A-48A-66A	600
76	CA_29A-66A	593	156	CA_7A-7A-13A	579	329	CA_48A-48A-66A-66A	600
77	CA_30A-66A	601	157	CA_7A-7A-25A	550	330	CA_48A-48A-66B	600
78	CA_48A-66A	600	158	CA_7A-7A-26A	454	331	CA_48A-48A-66C	600
79	CA_48A-71A	199	159	CA_7A-7A-29A	580	332	CA_48A-48C-66A	600
80	CA_66A-71A	582	160	CA_7A-7A-30A	581	333	CA_48C-48A-66A	600
			161	CA_7A-7A-66A	582	334	CA_48A-66A-66A-66A	600
			162	CA_7A-12B	578	335	CA_48C-66A-66A	600
			163	CA_7C-13A	579	336	CA_48C-66B	600
			164	CA_7A-25A-25A	550	337	CA_48C-66C	600
			165	CA_7C-25A	550	338	CA_48D-66A	600
			166	CA_7C-26A	454	339	CA_2A-2A-4A-5A	520
			167	CA_7C-29A	580	340	CA_2A-2A-4A-12A	447
			168	CA_7C-38A		341	CA_2A-2A-4A-13A	503
			169	CA_7A-66A-66A	582	342	CA_2A-2A-4A-71A	362
			170	CA_7C-66A	582	343	CA_2A-2A-5A-7A	568
			171	CA_12A-12A-66A	601	344	CA_2A-2A-5A-30A	599
			172	CA_12A-48C		345	CA_2A-2A-5A-66A	600
			173	CA_12A-66A-66A	601	346	CA_2A-2A-7A-12A	578
			174	CA_12A-66C	601	347	CA_2A-2A-7A-13A	579
			175	CA_12B-66A	601	348	CA_2A-2A-7A-66A	582
			176	CA_13A-48A-48A	585	349	CA_2A-2A-7A-71A	582
			177	CA_13A-48B	585	350	CA_2A-2A-12A-30A	601
			178	CA_13A-48C	585	351	CA_2A-2A-12A-66A	601
			179	CA_13A-66A-66A	585	352	CA_2A-2A-13A-66A	585

			180	CA_13A-66B	585	353	CA_2A-2A-14A-30A	597
			181	CA_13A-66C	585	354	CA_2A-2A-14A-66A	597
			182	CA_14A-66A-66A	597	355	CA_2A-2A-29A-30A	593
			183	CA_25A-25A-26A	186	356	CA_2A-2A-29A-66A	593
			184	CA_25A-25A-41A	485	357	CA_2A-2A-30A-66A	601
			185	CA_25A-25A-66A	550	358	CA_2A-2A-66A-71A	582
			186	CA_25C-26A		359	CA_2A-4A-4A-5A	520
			187	CA_25A-41C	485	360	CA_2A-4A-4A-12A	447
			188	CA_25C-41A	485	361	CA_2A-4A-4A-13A	503
			189	CA_26A-41C		362	CA_2A-4A-4A-71A	
			190	CA_29A-66A-66A	593	363	CA_2A-4A-5A-5A	520
			191	CA_30A-66A-66A	601	364	CA_2A-4A-5B	520
			192	CA_48A-48A-66A	600	365	CA_2A-4A-7A-7A	565
			193	CA_48A-48A-71A	199	366	CA_2A-4A-7C	565
			194	CA_48A-66A-66A	600	367	CA_2A-4A-12A-12A	447
			195	CA_48A-66B	600	368	CA_2A-4A-12B	447
			196	CA_48A-66C	600	369	CA_2A-5A-5A-66A	600
			197	CA_48B-66A	600	370	CA_2A-5A-7A-7A	568
			198	CA_48C-66A	600	371	CA_2A-5A-7C	568
			199	CA_48C-71A		372	CA_2A-5B-30A	599
			200	CA_66A-66A-71A	582	373	CA_2C-5A-30A	599
			201	CA_66C-71A	582	374	CA_2A-5A-48A-48A	600
			202	CA_2A-4A-5A	520	375	CA_2A-5A-48C	600
			203	CA_2A-4A-7A	565	376	CA_2A-5A-66A-66A	600
			204	CA_2A-4A-12A	447	377	CA_2A-5A-66B	600
			205	CA_2A-4A-13A	503	378	CA_2A-5A-66C	600
			206	CA_2A-4A-17A		379	CA_2A-5B-66A	600
			207	CA_2A-4A-29A	564	380	CA_2C-5A-66A	600
			208	CA_2A-4A-30A	565	381	CA_2A-7A-7A-12A	578
			209	CA_2A-4A-71A	362	382	CA_2A-7A-7A-13A	579
			210	CA_2A-5A-7A	568	383	CA_2A-7A-7A-29A	580
			211	CA_2A-5A-30A	599	384	CA_2A-7A-7A-30A	581
			212	CA_2A-5A-48A	600	385	CA_2A-7A-7A-66A	582
			213	CA_2A-5A-66A	600	386	CA_2A-7A-12B	578
			214	CA_2A-7A-12A	578	387	CA_2A-7C-13A	579
			215	CA_2A-7A-13A	579	388	CA_2A-7C-29A	580
			216	CA_2A-7A-26A	454	389	CA_2A-7A-66A-66A	582
			217	CA_2A-7A-29A	580	390	CA_2A-7C-66A	582
			218	CA_2A-7A-30A	581	391	CA_2C-12A-30A	601
			219	CA_2A-7A-66A	582	392	CA_2A-12A-66A-66A	601
			220	CA_2A-7A-71A	582	393	CA_2A-12A-66C	601
			221	CA_2A-12A-30A	601	394	CA_2A-12B-66A	601
			222	CA_2A-12A-66A	601	395	CA_2A-13A-48A-48A	585
			223	CA_2A-13A-48A	585	396	CA_2A-13A-48C	585
			224	CA_2A-13A-66A	585	397	CA_2A-13A-66A-66A	585
			225	CA_2A-14A-30A	597	398	CA_2A-13A-66B	585
			226	CA_2A-14A-66A	597	399	CA_2A-13A-66C	585
			227	CA_2A-26A-66A	454	400	CA_2A-14A-66A-66A	597
			228	CA_2A-29A-30A	593	401	CA_2C-29A-30A	593
			229	CA_2A-29A-66A	593	402	CA_2A-29A-66A-66A	593
			230	CA_2A-30A-66A	601	403	CA_2A-30A-66A-66A	601
			231	CA_2A-48A-66A	600	404	CA_2A-48A-48A-66A	600
			232	CA_2A-66A-71A	582	405	CA_2A-48A-66A-66A	600
			233	CA_4A-5A-30A	443	406	CA_2A-48C-66A	600
			234	CA_4A-7A-12A	444	407	CA_2A-66A-66A-71A	582
			235	CA_4A-7A-29A	564	408	CA_2A-66C-71A	582

			236	CA_4A-7A-30A	565	409	CA_4A-4A-5A-30A	443
			237	CA_4A-12A-30A	447	410	CA_4A-4A-12A-30A	447
			238	CA_4A-29A-30A	448	411	CA_4A-4A-29A-30A	448
			239	CA_5A-7A-66A	568	412	CA_4A-5B-30A	443
			240	CA_5A-30A-66A	599	413	CA_4A-7A-7A-29A	564
			241	CA_5A-48A-66A	600	414	CA_4A-7A-7A-30A	565
			242	CA_7A-12A-66A	578	415	CA_4A-7A-12B	444
			243	CA_7A-13A-66A	579	416	CA_5A-7A-7A-66A	568
			244	CA_7A-25A-66A	550	417	CA_5A-7A-66A-66A	568
			245	CA_7A-26A-66A	454	418	CA_5A-7C-66A	568
			246	CA_7A-29A-66A	580	419	CA_5A-30A-66A-66A	599
			247	CA_7A-30A-66A	581	420	CA_5B-30A-66A	599
			248	CA_7A-66A-71A	582	421	CA_5A-48A-48A-66A	600
			249	CA_12A-30A-66A	601	422	CA_5A-48A-66A-66A	600
			250	CA_13A-48A-66A	585	423	CA_5A-48C-66A	600
			251	CA_14A-30A-66A	597	424	CA_7A-7A-13A-66A	579
			252	CA_29A-30A-66A	593	425	CA_7A-7A-25A-66A	550
						426	CA_7A-7A-29A-66A	580
						427	CA_7A-7A-30A-66A	581
						428	CA_7A-12A-66A-66A	578
						429	CA_7A-12B-66A	578
						430	CA_7C-13A-66A	579
						431	CA_7A-25A-25A-66A	550
						432	CA_7C-25A-66A	550
						433	CA_7C-29A-66A	580
						434	CA_7A-30A-66A-66A	581
						435	CA_7A-66A-66A-71A	582
						436	CA_12A-30A-66A-66A	601
						437	CA_13A-48A-48A-66A	585
						438	CA_13A-48A-66B	585
						439	CA_13A-48A-66C	585
						440	CA_13A-48C-66A	585
						441	CA_14A-30A-66A-66A	597
						442	CA_29A-30A-66A-66A	593
						443	CA_2A-4A-5A-30A	
						444	CA_2A-4A-7A-12A	
						445	CA_2A-4A-7A-29A	564
						446	CA_2A-4A-7A-30A	565
						447	CA_2A-4A-12A-30A	
						448	CA_2A-4A-29A-30A	
						449	CA_2A-5A-7A-66A	568
						450	CA_2A-5A-30A-66A	599
						451	CA_2A-5A-48A-66A	600
						452	CA_2A-7A-12A-66A	578
						453	CA_2A-7A-13A-66A	579
						454	CA_2A-7A-26A-66A	
						455	CA_2A-7A-29A-66A	580
						456	CA_2A-7A-30A-66A	581
						457	CA_2A-7A-66A-71A	582
						458	CA_2A-12A-30A-66A	601
						459	CA_2A-13A-48A-66A	585
						460	CA_2A-14A-30A-66A	597
						461	CA_2A-29A-30A-66A	
						265	CA_2A-2A-2A-5A	600

5CC Downlink Carrier Aggregation			6CC Downlink Carrier Aggregation		
Number	Combination	Covered by Measurement Superset	Number	Combination	Covered by Measurement Superset
462	CA_41F	593	588	CA_48C-48C-48C	597
463	CA_48F	485	589	CA_2A-48E-66A	593
464	CA_41C-41D	600	590	CA_2A-2A-2A-5A-30A-66A	600
465	CA_48A-48A-48D	485	591	CA_2A-2A-2A-12A-30A-66A	600
466	CA_48A-48C-48C	600	592	CA_2A-2A-2A-14A-30A-66A	599
467	CA_48C-48A-48C	600	593	CA_2A-2A-2A-29A-30A-66A	601
468	CA_48C-48C-48A	600	594	CA_2A-2A-5A-30A-66A-66A	597
469	CA_48A-48E	600	595	CA_2A-2A-5B-30A-66A	
470	CA_48C-48D	600	596	CA_2A-2A-12A-30A-66A-66A	599
471	CA_2A-2A-66A-66B	600	597	CA_2A-2A-14A-30A-66A-66A	599
472	CA_2A-2A-66A-66C	601	598	CA_2A-5A-30A-66A-66A-66A	601
473	CA_2A-48A-48D	601	599	CA_2A-5B-30A-66A-66A	
474	CA_2A-48C-48C	600	600	CA_2A-5A-48C-66A-66A	599
475	CA_2A-48E	600	601	CA_2A-12A-30A-66A-66A-66A	
476	CA_4A-48E	600	602	CA_2A-14A-30A-66A-66A-66A	
477	CA_5A-48A-48D		603	CA_2A-29A-30A-66A-66A-66A	
478	CA_5A-48C-48C	600			
479	CA_5A-48E	600			
480	CA_5B-66A-66B	600			
481	CA_13A-48A-48D	600			
482	CA_13A-48C-48C	585			
483	CA_13A-48E	585			
484	CA_25A-25A-41D	585			
485	CA_25C-41D	485			
486	CA_48A-48C-66B				
487	CA_48A-48C-66C	600			
488	CA_48A-48D-66A	600			
489	CA_48C-48C-66A	600			
490	CA_48C-66A-66A-66A	600			
491	CA_48E-66A	600			
493	CA_2A-2A-2A-5A-30A				
494	CA_2A-2A-2A-5A-66A	599			
495	CA_2A-2A-2A-12A-30A	600			
496	CA_2A-2A-2A-12A-66A	601			
497	CA_2A-2A-2A-14A-30A	601			
498	CA_2A-2A-2A-14A-66A	597			
499	CA_2A-2A-2A-29A-30A	597			
500	CA_2A-2A-2A-29A-66A	593			
501	CA_2A-2A-2A-30A-66A	593			
502	CA_2A-2A-4A-4A-5A	601			
503	CA_2A-2A-4A-4A-13A	520			
504	CA_2A-2A-4A-5B				
505	CA_2A-2A-5B-30A	520			
506	CA_2A-2A-5A-66A-66A	599			
507	CA_2A-2A-5A-66B	600			
508	CA_2A-2A-5A-66C	600			
509	CA_2A-2A-5B-66A	600			
510	CA_2A-2A-7A-7A-13A	600			
511	CA_2A-2A-7C-13A	579			
512	CA_2A-2A-7A-66A-66A	579			
513	CA_2A-2A-12A-66A-66A	582			
514	CA_2A-2A-12B-66A	601			
515	CA_2A-2A-13A-66A-66A	601			

516	CA_2A-2A-14A-66A-66A	585			
517	CA_2A-2A-29A-66A-66A	597			
518	CA_2A-2A-30A-66A-66A	593			
519	CA_2A-2A-66A-66A-71A	601			
520	CA_2A-4A-4A-5B	582			
521	CA_2C-5B-30A				
522	CA_2A-5A-48A-48C	599			
523	CA_2A-5A-48D	600			
524	CA_2A-5A-66A-66A-66A	600			
525	CA_2A-5B-66A-66A	600			
526	CA_2A-5B-66B	600			
527	CA_2A-5B-66C	600			
528	CA_2A-7A-7A-66A-66A	600			
529	CA_2A-7C-66A-66A	582			
530	CA_2A-12A-66A-66A-66A	582			
531	CA_2A-12B-66A-66A	601			
532	CA_2A-13A-48A-48C	601			
533	CA_2A-13A-48D	585			
534	CA_2A-13A-66A-66B	585			
535	CA_2A-13A-66A-66C	585			
536	CA_2A-13A-66D	585			
537	CA_2A-14A-66A-66A-66A	585			
538	CA_2A-29A-66A-66A-66A	597			
539	CA_2A-30A-66A-66A-66A	593			
540	CA_2A-48A-48C-66A	601			
541	CA_2A-48C-66A-66A	600			
542	CA_2A-48D-66A	600			
543	CA_5A-7C-66A-66A	600			
544	CA_5A-30A-66A-66A-66A	568			
545	CA_5B-30A-66A-66A	599			
546	CA_5A-48A-48C-66A	599			
547	CA_5A-48C-66A-66A	600			
548	CA_5A-48D-66A	600			
549	CA_7A-7A-25A-25A-66A	600			
550	CA_7C-25A-25A-66A	550			
551	CA_12A-30A-66A-66A-66A				
552	CA_13A-48A-48C-66A	601			
553	CA_13A-48C-66B	585			
554	CA_13A-48C-66C	585			
555	CA_13A-48D-66A	585			
556	CA_14A-30A-66A-66A-66A	585			
557	CA_29A-30A-66A-66A-66A	597			
558	CA_2A-2A-5A-30A-66A	593			
559	CA_2A-2A-7A-12A-66A	599			
560	CA_2A-2A-7A-66A-71A	578			
561	CA_2A-2A-12A-30A-66A	582			
562	CA_2A-2A-14A-30A-66A	601			
563	CA_2A-2A-29A-30A-66A	597			
564	CA_2A-4A-7A-7A-29A	593			
565	CA_2A-4A-7A-7A-30A				
566	CA_2A-5A-7A-7A-66A				
567	CA_2A-5A-7A-66A-66A	568			
568	CA_2A-5A-7C-66A	568			
569	CA_2A-5A-30A-66A-66A				
570	CA_2A-5B-30A-66A	599			
571	CA_2A-5A-48A-48A-66A	599			

572	CA_2A-5A-48A-66A-66A	600			
573	CA_2A-5A-48C-66A	600			
574	CA_2A-7A-7A-13A-66A	600			
575	CA_2A-7A-7A-29A-66A	579			
576	CA_2A-7A-7A-30A-66A	580			
577	CA_2A-7A-12A-66A-66A	581			
578	CA_2A-7A-12B-66A	578			
579	CA_2A-7C-13A-66A				
580	CA_2A-7C-29A-66A				
581	CA_2A-7A-30A-66A-66A				
582	CA_2A-7A-66A-66A-71A				
583	CA_2A-12A-30A-66A-66A				
584	CA_2A-13A-48A-48A-66A	601			
585	CA_2A-13A-48C-66A	585			
586	CA_2A-14A-30A-66A-66A				
587	CA_2A-29A-30A-66A-66A				

<Power verification when LTE Carrier Aggregation Active>

General Note:

i. According to KDB941225 D05A v01r02, Uplink maximum output power measurement with downlink carrier aggregation active should be measured, using the highest output channel measured without downlink carrier aggregation, to confirm that uplink maximum output power with downlink carrier aggregation active remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output measured without downlink carrier aggregation active.

ii. Uplink maximum output power with downlink carrier aggregation active does not show more than ¼ dB higher than the maximum output power without downlink carrier aggregation active, therefore SAR evaluation with downlink carrier aggregation active can be excluded.

iii. The device supports downlink two carrier aggregation. For power measurement were control and acknowledge data is sent on uplink channels that operate identical to specifications when downlink carrier aggregation is inactive.

iv. Selected highest measured power when downlink carrier aggregation is inactive for conducted power comparison with downlink carrier aggregation is active, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.

v. For non-contiguous intra-band CA, the SCC selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band.

vi. For Intra-band, contiguous CA, the downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements.

$$\text{Nominal channel spacing} = \left\lfloor \frac{BW_{Channel(1)} + BW_{Channel(2)} - 0.1\left|BW_{Channel(1)} - BW_{Channel(2)}\right|}{0.6} \right\rfloor 0.3 \ \text{[MHz]}$$

<Two Carrier power verification>

Configure	PCC								SCC				Power	
	CA Configuration (BCS)	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_5A-25A	5	10	836.5	20525	QPSK	1	0	25	20	1960	8340	23.98	24.14
	CA_5A-41A	5	10	836.5	20525	QPSK	1	0	41	20	2593	40620	23.96	24.14
	CA_12A-25A	12	10	707.5	23095	QPSK	1	0	25	20	1960	8340	23.76	23.98
	CA_25A-48A	25	20	1880	26340	QPSK	1	0	48	20	3609	55830	23.81	23.98

<Three Carrier power verification>

Configure	PCC								SCC1				SCC2				Power	
	CA Configuration (BCS)	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_5B-38A	5	10	831.6	20476	QPSK	1	0	5	10	886.5	2575	38	20	2595	38000	24.00	24.14
	CA_7C-38A	7	20	2535	21100	QPSK	1	0	7	20	2674.8	3298	38	20	2595	38000	23.65	23.80
	CA_12A-48C	12	10	707.5	23095	QPSK	1	0	48	20	3641	56150	48	20	3660.8	56348	23.94	23.98
	CA_25C-26A	25	20	1880	26340	QPSK	1	0	25	20	1979.8	8538	26	15	876.5	8865	23.95	23.98
	CA_26A-41C	26	15	831.5	26865	QPSK	1	0	41	20	2593	40620	41	20	2612.8	40818	24.17	24.28
	CA_48C-71A	48	20	3609	55830	QPSK	1	0	48	20	3628.8	56028	71	20	634.5	68761	22.66	22.72
	CA_2A-4A-17A	2	20	1880	18900	QPSK	1	0	4	10	2132.5	2175	17	10	740	5790	23.87	23.91

<Four Carrier power verification>

Configure	PCC								SCC1				SCC2				SCC3				Power	
	CA Configuration (BCS)	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_2A-4A-4A-71A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2375	2152.5	71	20	634.5	68761	23.88	23.91
	CA_2A-4A-5A-30A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	5	10	881.5	2525	30	10	2355	9820	23.85	23.91
	CA_2A-4A-7A-12A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	7	20	2655	3100	12	10	2655	3100	23.90	23.91
	CA_2A-4A-12A-30A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	12	10	737.5	5095	30	10	2355	9820	23.88	23.91
	CA_2A-4A-29A-30A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	29	10	722.5	9715	30	10	2355	9820	23.82	23.91
	CA_2A-7A-26A-66A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	26	15	876.5	8865	66	20	2155	66886	23.87	23.91

<Five Carrier power verification>

Configure	PCC								SCC1				SCC2				SCC3				SCC4				Power	
	CA Configuration (BCS)	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_4A-48E	4	20	1732.5	20175	QPSK	1	0	48	20	3605.2	55792	48	20	3625	55990	48	20	3644.8	56188	48	20	3664.6	56386	23.92	24.03
	CA_25C-41D	25	20	1880	26340	QPSK	1	0	25	20	1979.8	8538	41	20	2593	40620	41	20	2612.8	40818	41	20	2632.6	41016	23.82	23.98
	CA_2A-2A-4A-4A-13A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175|	4	20	2132.5	2175	4	5	2375	2152.5	13	10	751	5230	23.84	23.91
	CA_2A-4A-4A-5B	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2375	2152.5	5	10	876.6	2476	5	10	886.5	2575	23.81	23.91
	CA_7C-25A-25A-66A	7	20	2535	21100	QPSK	1	0	7	20	2674.8	3298	25	20	1960	8340	25	5	1932.5	8065	66	20	2155	66886	23.76	23.80
	CA_2A-4A-7A-7A-29A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	7	20	2655	3100	7	5	2622.5	2775	29	10	722.5	9715	23.87	23.91
	CA_2A-4A-7A-7A-30A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	7	20	2655	3100	7	5	2622.5	2775	30	10	2355	9820	23.81	23.91
	CA_2A-5A-7C-66A	2	20	1880	18900	QPSK	1	0	5	10	886.5	2575	7	20	2655	3100	7	20	2674.8	3298	66	20	2155	66886	23.80	23.91
	CA_2A-7A-12B-66A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	12	10	735.1	5071	12	10	739.9	5119	66	20	2155	66886	23.82	23.91
	CA_2A-7C-13A-66A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	7	20	2674.8	3298	13	10	751	5230	66	20	2155	66886	23.88	23.91
	CA_2A-7C-29A-66A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	7	20	2674.8	3298	29	10	722.5	9715	66	20	2155	66886	23.78	23.91
	CA_2A-7A-30A-66A-66A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	30	10	2355	9820	66	20	2155	66886	66	5	2112.5	66461	23.84	23.91
	CA_2A-7A-66A-66A-71A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	66	20	2155	66886	66	5	2112.5	66461	71	20	634.5	68761	23.80	23.91
	CA_2A-13A-48C-66A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	48	20	3641	56150	48	20	3660.8	56348	66	20	2155	66886	23.89	23.91

<Six Carrier power verification>

Configure	PCC								SCC1				SCC2				SCC3				SCC4				SCC5				Power	
	CA Configuration (BCS)	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_2A-5B-30A-66A-66A	2	20	1880	18900	QPSK	1	0	5	10	876.6	2476	5	10	886.5	2575	30	10	2355	9820	66	20	2155	66886	66	5	2112.5	66461	23.86	23.91
	CA_2A-5A-48C-66A-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3641	56150	48	20	3660.8	56348	66	20	2155	66886	66	5	2112.5	66461	23.81	23.91
	CA_2A-12A-30A-66A-66A-66A	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	30	10	2355	9820	66	20	2155	66886	66	5	2112.5	66461	66	5	2197.5	67311	23.82	23.91
	CA_2A-14A-30A-66A-66A-66A	2	20	1880	18900	QPSK	1	0	14	10	763	5330	30	10	2355	9820	66	20	2155	66886	66	5	2112.5	66461	66	5	2197.5	67311	83.88	23.91
	CA_2A-29A-30A-66A-66A-66A	2	20	1880	18900	QPSK	1	0	29	10	722.5	9715	30	10	2355	9820	66	20	2155	66886	66	5	2112.5	66461	66	5	2197.5	67311	23.80	23.91

<LTE Uplink carrier aggregation>

2CC Uplink Carrier Aggregation	
Number	Combination
1	CA_5B
2	CA_7C
3	CA_66B
4	CA_66C
5	CA_38C
6	CA_41C

<Intra-band>

General Note:

i. The device supports intra-band uplink carrier aggregation with a maximum of two 20MHz component carriers. For intra band contiguous carrier aggregation scenarios, 3GPP 36.101 table 6.2.2A-1 specifies that the aggregate maximum allowed output power is equivalent to the single carrier scenario. 3GPP 36.101 6.2.3A allows for several dB of MPR to be applied when not-contiguous RB allocation is implemented. The conducted power and MPR setting in this device are permanently implemented pre 3GPP requirement.

ii. According TCB workshop, the output power with uplink CA active was measured for the configuration with the highest reported SAR with single carrier for each exposure condition. The power was measured with wideband signal integration over both component carriers.

iii. Uplink CA is only operating with power class3, and additional SAR measurement for LTE UL CA whit other DL CA combinations active were not required since the maximum output power for this configuration was not > 0.25dB higher than the maximum output power for UL CA active.

iv. For Intra-band, contiguous CA, the channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements.

Ant 0_Index 2/3/5								
CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	24.02	25.00
20574	20475	QPSK	1	0	1	49	23.86	25.00
20600	20501	QPSK	1	0	1	49	23.82	25.00

Ant 0_Index 4/6								
CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	24.02	24.80
20574	20475	QPSK	1	0	1	49	23.86	24.80
20600	20501	QPSK	1	0	1	49	23.82	24.80

Ant 1_Index 2								
CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	22.00	22.80
20574	20475	QPSK	1	0	1	49	22.02	22.80
20600	20501	QPSK	1	0	1	49	21.95	22.80

Ant 1_Index 3								
CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	22.00	22.10
20574	20475	QPSK	1	0	1	49	22.02	22.10
20600	20501	QPSK	1	0	1	49	21.95	22.10

Ant 1_Index 4/5/6								
CA_5B								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	1	49	1	0	23.50	25.00
20574	20475	QPSK	1	0	1	49	23.51	25.00
20600	20501	QPSK	1	0	1	49	23.41	25.00

Ant 2_Index 2								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.42	23.40
21100	20902	QPSK	1	0	1	99	22.52	23.40
21350	21152	QPSK	1	0	1	99	22.47	23.40

Ant 2_Index 3								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.42	22.70
21100	20902	QPSK	1	0	1	99	22.52	22.70
21350	21152	QPSK	1	0	1	99	22.47	22.70

Ant 2_Index 4/6								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.21	20.60
21100	20902	QPSK	1	0	1	99	20.23	20.60
21350	21152	QPSK	1	0	1	99	20.12	20.60

Ant 2_Index 5								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.21	21.30
21100	20902	QPSK	1	0	1	99	20.23	21.30
21350	21152	QPSK	1	0	1	99	20.12	21.30

Ant 0_Index 2/3								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.02	25.00
21100	20902	QPSK	1	0	1	99	23.07	25.00
21350	21152	QPSK	1	0	1	99	23.01	25.00

Ant 0_Index 4								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.94	18.65
21100	20902	QPSK	1	0	1	99	17.96	18.65
21350	21152	QPSK	1	0	1	99	17.76	18.65

Ant 0_Index 5								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	19.15	19.95
21100	20902	QPSK	1	0	1	99	18.64	19.95
21350	21152	QPSK	1	0	1	99	18.47	19.95

Ant 0_Index 6								
CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	19.15	19.25
21100	20902	QPSK	1	0	1	99	18.64	19.25
21350	21152	QPSK	1	0	1	99	18.47	19.25

Ant 2_Index 2/3								
CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	23.51	25.00
132322	132229	QPSK	1	0	1	24	23.35	25.00
132597	132504	QPSK	1	0	1	24	23.41	25.00

Ant 2_Index 4/6								
CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.53	21.90
132322	132229	QPSK	1	0	1	24	21.46	21.90
132597	132504	QPSK	1	0	1	24	21.51	21.90

Ant 2_Index 5								
CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.53	22.60
132322	132229	QPSK	1	0	1	24	21.46	22.60
132597	132504	QPSK	1	0	1	24	21.51	22.60

Ant 0_Index 2/3								
CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	23.25	25.00
132322	132229	QPSK	1	0	1	24	23.05	25.00
132597	132504	QPSK	1	0	1	24	23.13	25.00

Ant 0_Index 4								
CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.97	19.15
132322	132229	QPSK	1	0	1	24	18.81	19.15
132597	132504	QPSK	1	0	1	24	18.76	19.15

Ant 0_Index 5								
CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.97	20.75
132322	132229	QPSK	1	0	1	24	18.81	20.75
132597	132504	QPSK	1	0	1	24	18.76	20.75

Ant 0_Index 6								
CA_66B								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.97	20.05
132322	132229	QPSK	1	0	1	24	18.81	20.05
132597	132504	QPSK	1	0	1	24	18.76	20.05

Ant 2_Index 2/3								
CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	23.45	25.00
132322	132124	QPSK	1	0	1	99	23.5	25.00
132572	132374	QPSK	1	0	1	99	23.47	25.00

Ant 2_Index 4/6								
CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	21.52	21.90
132322	132124	QPSK	1	0	1	99	21.61	21.90
132572	132374	QPSK	1	0	1	99	21.51	21.90

Ant 2_Index 5								
CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	21.52	22.60
132322	132124	QPSK	1	0	1	99	21.61	22.60
132572	132374	QPSK	1	0	1	99	21.51	22.60

Ant 0_Index 2/3								
CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	23.21	25.00
132322	132124	QPSK	1	0	1	99	23.22	25.00
132572	132374	QPSK	1	0	1	99	23.18	25.00

Ant 0_Index 4								
CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.89	19.15
132322	132124	QPSK	1	0	1	99	18.91	19.15
132572	132374	QPSK	1	0	1	99	18.99	19.15

Ant 0_Index 5								
CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.89	20.75
132322	132124	QPSK	1	0	1	99	18.91	20.75
132572	132374	QPSK	1	0	1	99	18.99	20.75

Ant 0_Index 6								
CA_66C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.89	20.05
132322	132124	QPSK	1	0	1	99	18.91	20.05
132572	132374	QPSK	1	0	1	99	18.99	20.05

Ant 2_Index 2/3								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.70	24.00
38000	37802	QPSK	1	0	1	99	22.82	24.00
38150	37952	QPSK	1	0	1	99	22.79	24.00

Ant 2_Index 3								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.70	23.30
38000	37802	QPSK	1	0	1	99	22.82	23.30
38150	37952	QPSK	1	0	1	99	22.79	23.30

Ant 2_Index 4								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.70	23.00
38000	37802	QPSK	1	0	1	99	22.82	23.00
38150	37952	QPSK	1	0	1	99	22.79	23.00

Ant 2_Index 5								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.70	23.80
38000	37802	QPSK	1	0	1	99	22.82	23.80
38150	37952	QPSK	1	0	1	99	22.79	23.80

Ant 2_Index 6								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.70	23.10
38000	37802	QPSK	1	0	1	99	22.82	23.10
38150	37952	QPSK	1	0	1	99	22.79	23.10

Ant 0_Index 2/3								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.92	23.00
38000	37802	QPSK	1	0	1	99	22.10	23.00
38150	37952	QPSK	1	0	1	99	22.06	23.00

Ant 0_Index 4								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	18.85	19.65
38000	37802	QPSK	1	0	1	99	19.05	19.65
38150	37952	QPSK	1	0	1	99	19.01	19.65

Ant 0_Index 5								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.95	21.15
38000	37802	QPSK	1	0	1	99	20.07	21.15
38150	37952	QPSK	1	0	1	99	20.00	21.15

Ant 0_Index 5								
CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.95	20.45
38000	37802	QPSK	1	0	1	99	20.07	20.45
38150	37952	QPSK	1	0	1	99	20.00	20.45

Ant 2_Index 2/3								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.66	24.00
40185	39987	QPSK	1	0	1	99	22.58	24.00
40620	40422	QPSK	1	0	1	99	22.74	24.00
41055	40857	QPSK	1	0	1	99	22.64	24.00
41490	41292	QPSK	1	0	1	99	22.73	24.00

Ant 2_Index 3								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.66	23.30
40185	39987	QPSK	1	0	1	99	22.58	23.30
40620	40422	QPSK	1	0	1	99	22.74	23.30
41055	40857	QPSK	1	0	1	99	22.64	23.30
41490	41292	QPSK	1	0	1	99	22.73	23.30

Ant 2_Index 4								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.66	23.00
40185	39987	QPSK	1	0	1	99	22.58	23.00
40620	40422	QPSK	1	0	1	99	22.74	23.00
41055	40857	QPSK	1	0	1	99	22.64	23.00
41490	41292	QPSK	1	0	1	99	22.73	23.00

Ant 2_Index 5								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.66	23.80
40185	39987	QPSK	1	0	1	99	22.58	23.80
40620	40422	QPSK	1	0	1	99	22.74	23.80
41055	40857	QPSK	1	0	1	99	22.64	23.80
41490	41292	QPSK	1	0	1	99	22.73	23.80

Ant 2_Index 6								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.66	23.10
40185	39987	QPSK	1	0	1	99	22.58	23.10
40620	40422	QPSK	1	0	1	99	22.74	23.10
41055	40857	QPSK	1	0	1	99	22.64	23.10
41490	41292	QPSK	1	0	1	99	22.73	23.10

Ant 0_Index 2/3								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.07	23.00
40185	39987	QPSK	1	0	1	99	21.95	23.00
40620	40422	QPSK	1	0	1	99	22.09	23.00
41055	40857	QPSK	1	0	1	99	21.70	23.00
41490	41292	QPSK	1	0	1	99	22.00	23.00

Ant 0_Index 4								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.06	19.65
40185	39987	QPSK	1	0	1	99	18.96	19.65
40620	40422	QPSK	1	0	1	99	19.07	19.65
41055	40857	QPSK	1	0	1	99	18.70	19.65
41490	41292	QPSK	1	0	1	99	19.02	19.65

Ant 0_Index 5								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.10	21.15
40185	39987	QPSK	1	0	1	99	19.95	21.15
40620	40422	QPSK	1	0	1	99	20.11	21.15
41055	40857	QPSK	1	0	1	99	19.77	21.15
41490	41292	QPSK	1	0	1	99	20.00	21.15

Ant 0_Index 5								
CA_41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.10	20.45
40185	39987	QPSK	1	0	1	99	19.95	20.45
40620	40422	QPSK	1	0	1	99	20.11	20.45
41055	40857	QPSK	1	0	1	99	19.77	20.45
41490	41292	QPSK	1	0	1	99	20.00	20.45

13. RF Exposure position consideration

Distance of the Antenna to the EUT surface/edge						
Antennas	Front	Back	Top Side	Bottom Side	Right Side	Left Side
WWAN Ant 0	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	≤ 25mm
WWAN Ant 1	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
WWAN Ant 2	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	≤ 25mm
WWAN Ant 5	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
WWAN Ant 6	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	≤ 25mm
WWAN Ant 7	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm	≤ 25mm
WLAN/BT Ant 3 / 4 / 3+4	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
Thread Ant 3	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	≤ 25mm
NFC	≤ 25mm	≤ 25mm	> 25mm	> 25mm	≤ 25mm	≤ 25mm

Positions for SAR / 6E PD test						
Antennas	Front	Back	Top Side	Bottom Side	Right Side	Left Side
WWAN Ant 0	Yes	Yes	No	Yes	Yes	Yes
WWAN Ant 1	Yes	Yes	Yes	No	Yes	Yes
WWAN Ant 2	Yes	Yes	No	Yes	Yes	Yes
WWAN Ant 5	Yes	Yes	Yes	No	Yes	Yes
WWAN Ant 6	Yes	Yes	No	Yes	Yes	Yes
WWAN Ant 7	Yes	Yes	No	Yes	Yes	Yes
WLAN/BT Ant 3 / 4 / 3+4	Yes	Yes	Yes	No	Yes	Yes
Thread Ant 3	Yes	Yes	Yes	No	Yes	Yes
NFC	Yes	Yes	No	No	Yes	Yes

General Note:

1. Referring to KDB 941225 D06 v02r01, when the overall device length and width are ≥ 9cm*5cm. RF Exposure must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge
2. The antenna location is illustrated in the Appendix H.

14. SAR Test Results

General Note:

1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
   a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
   b. For SAR testing of WLAN signal with non-100% duty cycle, the measured SAR is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle)"
   c. For WWAN: Reported SAR(W/kg)= Measured SAR(W/kg)*Tune-up Scaling Factor
   d. For WLAN/Bluetooth: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor
   e. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 63.3%/62.9% = 1.006 is applied to scale-up the measured SAR result. The Reported TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
2. Per KDB 447498 D01v06, for each exposure position, testing of other required channels within the operating mode of a frequency band is not required when the *reported* 1-g or 10-g SAR for the mid-band or highest output power channel is:
   - ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
   - ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
   - ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz
3. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg.
4. Per KDB 648474 D04v01r03, when the reported SAR for a body-worn accessory measured without a headset connected to the handset is ≤ 1.2 W/kg, SAR testing with a headset connected to the handset is not required.
5. For 5.3GHz, 5.5GHz, 5.9GHz and 6GHz WLAN product specific SAR is necessary too, due to an overall diagonal dimension is > 16cm.
6. Per KDB648474 D04v01r03, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, when hotspot mode applies, 10-g product specific SAR is required only for the surfaces and edges with hotspot mode 1 – g reported SAR > 1.2 W/kg, however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold, for this device the GSM1900, WCDMA B2 and LTE B30 Bottom Side is required perform product specific condition.

GSM Note:

1. Per KDB 941225 D01v03r01, for SAR test reduction for GSM / GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested. Therefore, the GPRS (4Tx slots) for GSM850/GSM1900 is considered as the primary mode.
2. Other configurations of GSM / GPRS / EDGE are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode, SAR measurement is not required for the secondary mode.

UMTS Note:

1. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.
2. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA is ≤ ¼ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA, and according to the following RF output power, the output power results of the secondary modes (HSUPA, HSDPA) are less than ¼ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA.

LTE Note:

1. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
2. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
3. Per KDB 941225 D05v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
4. Per KDB 941225 D05v02r05, 16QAM output power for each RB allocation configuration is > not ½ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
5. Per KDB 941225 D05v02r05, Smaller bandwidth output power for each RB allocation configuration is > not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
6. For LTE B4/B5/B12/B17/B26/B38/B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
7. LTE band 2/4/5/17/38 SAR test was covered by Band 25/66/26/12/41; according to TCB workshop, SAR test for overlapping LTE bands can be reduced if
   a. The maximum output power, including tolerance, for the smaller band is ≤ the larger band to qualify for the SAR test exclusion.
   b. The channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band.

5G NR Note:

1. Referencing the procedure in KDB 941225, the test procedures are outlined as below:
   a. To start SAR test for the largest channel bandwidth for PI/2 BPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. Also do SAR test for 50% RB allocation for PI/2 BPSK SAR testing using 1RB PI/2 BPSK allocation procedure
   b. For PI/2 BPSK with 100% RB allocation, SAR test is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
   c. For higher modulation QPSK/16QAM/64QAM/256QAM, according to tune-up document the power level is not ½ dB higher than the same configuration in PI/2 BPSK, also reported SAR for the PI/2 BPSK configuration is less than 1.45 W/kg, QPSK/16QAM/64QAM/256QAM SAR testing are not required.
   d. Smaller bandwidth output power for each RB allocation configuration for this device is not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
   e. For 5G FR1 n5/n71/n77, the maximum channel bandwidth does not support three non-overlapping channels in the frequency band, the middle channel of the group of overlapping channels were selected for testing.
   f. Due to test setup limitations, SAR testing for NR TDD Power class 3 was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. For NR TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission.
   g. For NR FDD was establishing connections via a base station simulator to use for output power measurement and SAR testing

Non-terrestrial Network Note:

1. Due to test setup limitations, SAR testing for Non-terrestrial Network was performed using Factory Test Mode software to establish the connection.
2. The device support NTN NB-Iot and only support, the RF exposure was selected highest SC output power perform.
3. The NTN NB-Iot only support message transmission, therefore, the RF exposure only consider body-worn and extremity condition.

WLAN Note:

1. The SISO mode support only when the Antenna 3 and 4 is transmitting on 802.11b mode, other support MIMO mode.
2. Per KDB 248227 D01v02r02, For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test position when 802.11 DSS mode is active at transmit antenna 3 and 4
3. Per KDB 248227 D01v02r02, for 2.4GHz WLAN MIMO operation for 802.11g/n, when the same highest maximum output power specification applies to multiple transmission modes, the largest channel bandwidth configuration with the lowest order modulation and lowest data rate is measured, so 802.11g mode is selected to be tested.
4. Per KDB 248227 D01v02r02, WLAN5.2GHz SAR testing is not required for hotspot and body-worn condition when the WLAN5.3GHz band highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for WLAN5.2GHz band.
5. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
6. For all positions / configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions / configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
7. For determination of the scaling factor for report SAR of MIMO mode, if the hot spots are separated the scaling factors are individually determined from each transmit chain. If the hot spots are not spatially separated, the scaling factor is determined from the worst number of each transmit chain
8. 4+3(3) represents the test in 2TX operation, while the SAR or power data is associated with antenna 3
9. 4+3(4) represents the test in 2TX operation, while the SAR or power data is associated with antenna 4
10. During SAR testing the WLAN transmission was verified using a spectrum analyzer.

WLAN PD Note:

1. The WiFi 6E PD was performed according 2020 TCB workshop RF Exposure 5G RFX Policies Interim Procedures.
2. First, evaluate SAR using 6-7 GHz parameters per IEC/IEEE 62209-1528:2020 and using highest SAR test configurations evaluate incident PD using the mmw near-field probe and total-field/power-density reconstruction method (2 mm closest meas. plane).
3. Per Interim Procedures. The power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty > 30%. Total expanded uncertainty of 2.68 dB (85.4%) was used to determine the psPD measurement scaling factor
4. The manufacturer has confirmed that the devices tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
5. The WiFi 6E RF Exposure results are used for simultaneous transmission analysis with the other transmitters and total exposure ratio, the analysis can be found in this report appendix F and part1 PD report section12
6. Absorbed power density (APD) using a 4cm2 averaging area is reported based on SAR measurements.
7. Power density was calculated by repeated E-field measurements on two measurement planes separated by λ/4.
8. The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools.
9. The measurement procedure consists of measuring the PDinc at two different distances: 2 mm (compliance distance) and λ/5. The grid extents should be large enough to fully capture the transmitted energy. The grid step should be fine enough to demonstrate that the integrated Power Density iPDn fulfill the criterion described below. Since iPD ratio between the two distances is ≥ -1dB, the grid step (0.0625) was sufficient for determining compliance at d=2mm.

$$10 \cdot log_{10} \frac{iPD_n(2mm)}{iPD_n(\lambda/5)} \geq -1$$

NFC Note:

1. NFC mainly operate in hand-held extremity exposure conditions, therefore Standalone 10-g extremity SAR testing is required.
2. NFC SAR is measured for all edges and surfaces of the device with a transmitting antenna located within 25 mm from that surface or edge.

14.1 Head SAR

<GSM SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850_Ant 0	GPRS (4 Tx slots)	Right Cheek	0mm	2	189	836.4	27.50	29.30	1.514	-0.02	0.225	0.341
	GSM850_Ant 0	GPRS (4 Tx slots)	Right Tilted	0mm	2	189	836.4	27.50	29.30	1.514	0.07	0.118	0.179
	GSM850_Ant 0	GPRS (4 Tx slots)	Left Cheek	0mm	2	189	836.4	27.50	29.30	1.514	-0.11	0.282	0.427
	GSM850_Ant 0	GPRS (4 Tx slots)	Left Tilted	0mm	2	189	836.4	27.50	29.30	1.514	0.01	0.141	0.213
	GSM850_Ant 0	GPRS (4 Tx slots)	Right Cheek	0mm	3	189	836.4	27.50	28.60	1.288	-0.02	0.225	0.290
	GSM850_Ant 0	GPRS (4 Tx slots)	Right Tilted	0mm	3	189	836.4	27.50	28.60	1.288	0.07	0.118	0.152
	GSM850_Ant 0	GPRS (4 Tx slots)	Left Cheek	0mm	3	189	836.4	27.50	28.60	1.288	-0.11	0.282	0.363
	GSM850_Ant 0	GPRS (4 Tx slots)	Left Tilted	0mm	3	189	836.4	27.50	28.60	1.288	0.01	0.141	0.182
01	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	2	189	836.4	24.61	26.10	1.409	0.05	0.654	0.922
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	2	128	824.2	24.60	26.10	1.413	0.1	0.629	0.888
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	2	251	848.8	24.51	26.10	1.442	-0.14	0.616	0.888
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	2	189	836.4	24.61	26.10	1.409	0.01	0.574	0.809
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	2	128	824.2	24.60	26.10	1.413	0.1	0.529	0.747
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	2	251	848.8	24.51	26.10	1.442	-0.14	0.516	0.744
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Cheek	0mm	2	189	836.4	24.61	26.10	1.409	-0.03	0.488	0.688
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Tilted	0mm	2	189	836.4	24.61	26.10	1.409	0	0.385	0.543
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Cheek	0mm	3	189	836.4	24.61	25.40	1.199	0.05	0.654	0.784
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Tilted	0mm	3	189	836.4	24.61	25.40	1.199	0.01	0.574	0.689
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Cheek	0mm	3	189	836.4	24.61	25.40	1.199	-0.03	0.488	0.585
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Tilted	0mm	3	189	836.4	24.61	25.40	1.199	0	0.385	0.462
02	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Cheek	0mm	2	661	1880	26.65	27.50	1.216	0.03	0.669	0.814
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Cheek	0mm	2	512	1850.2	26.62	27.50	1.225	0.07	0.645	0.790
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Cheek	0mm	2	810	1909.8	26.64	27.50	1.219	0.11	0.624	0.761
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Tilted	0mm	2	661	1880	26.65	27.50	1.216	0.01	0.226	0.275
	GSM1900_Ant 2	GPRS (4 Tx slots)	Left Cheek	0mm	2	661	1880	26.65	27.50	1.216	-0.04	0.151	0.184
	GSM1900_Ant 2	GPRS (4 Tx slots)	Left Tilted	0mm	2	661	1880	26.65	27.50	1.216	0.09	0.152	0.185
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Cheek	0mm	3	661	1880	26.65	26.90	1.059	0.03	0.669	0.709
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Tilted	0mm	3	661	1880	26.65	26.90	1.059	0.01	0.226	0.239
	GSM1900_Ant 2	GPRS (4 Tx slots)	Left Cheek	0mm	3	661	1880	26.65	26.90	1.059	-0.04	0.151	0.160
	GSM1900_Ant 2	GPRS (4 Tx slots)	Left Tilted	0mm	3	661	1880	26.65	26.90	1.059	0.09	0.152	0.161
	GSM1900_Ant 0	GPRS (4 Tx slots)	Right Cheek	0mm	2/3	661	1880	27.43	27.50	1.016	0.02	0.052	0.053
	GSM1900_Ant 0	GPRS (4 Tx slots)	Right Tilted	0mm	2/3	661	1880	27.43	27.50	1.016	0.07	0.057	0.058
	GSM1900_Ant 0	GPRS (4 Tx slots)	Left Cheek	0mm	2/3	661	1880	27.43	27.50	1.016	-0.18	0.058	0.059
	GSM1900_Ant 0	GPRS (4 Tx slots)	Left Tilted	0mm	2/3	661	1880	27.43	27.50	1.016	-0.02	0.054	0.055

<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
03	WCDMA II_Ant 2	RMC 12.2Kbps	Right Cheek	0mm	2	9400	1880	24.21	25.00	1.199	-0.1	0.687	0.824
	WCDMA II_Ant 2	RMC 12.2Kbps	Right Cheek	0mm	2	9262	1852.4	24.12	25.00	1.225	-0.13	0.653	0.800
	WCDMA II_Ant 2	RMC 12.2Kbps	Right Cheek	0mm	2	9538	1907.6	24.16	25.00	1.213	0.08	0.653	0.792
	WCDMA II_Ant 2	RMC 12.2Kbps	Right Tilted	0mm	2	9400	1880	24.21	25.00	1.199	-0.01	0.303	0.363
	WCDMA II_Ant 2	RMC 12.2Kbps	Left Cheek	0mm	2	9400	1880	24.21	25.00	1.199	-0.12	0.259	0.311
	WCDMA II_Ant 2	RMC 12.2Kbps	Left Tilted	0mm	2	9400	1880	24.21	25.00	1.199	0.02	0.322	0.386
	WCDMA II_Ant 2	RMC 12.2Kbps	Right Cheek	0mm	3	9400	1880	24.21	24.40	1.045	-0.1	0.687	0.718
	WCDMA II_Ant 2	RMC 12.2Kbps	Right Tilted	0mm	3	9400	1880	24.21	24.40	1.045	-0.01	0.303	0.317
	WCDMA II_Ant 2	RMC 12.2Kbps	Left Cheek	0mm	3	9400	1880	24.21	24.40	1.045	-0.12	0.259	0.271
	WCDMA II_Ant 2	RMC 12.2Kbps	Left Tilted	0mm	3	9400	1880	24.21	24.40	1.045	0.02	0.322	0.336
	WCDMA II_Ant 0	RMC 12.2Kbps	Right Cheek	0mm	2/3	9400	1880	24.69	25.00	1.074	0.14	0.035	0.038
	WCDMA II_Ant 0	RMC 12.2Kbps	Right Tilted	0mm	2/3	9400	1880	24.69	25.00	1.074	-0.17	0.037	0.040
	WCDMA II_Ant 0	RMC 12.2Kbps	Left Cheek	0mm	2/3	9400	1880	24.69	25.00	1.074	0.19	0.060	0.064
	WCDMA II_Ant 0	RMC 12.2Kbps	Left Tilted	0mm	2/3	9400	1880	24.69	25.00	1.074	0.09	0.038	0.041
04	WCDMA IV_Ant 2	RMC 12.2Kbps	Right Cheek	0mm	2/3	1413	1732.6	24.46	25.00	1.132	-0.12	0.496	0.562
	WCDMA IV_Ant 2	RMC 12.2Kbps	Right Tilted	0mm	2/3	1413	1732.6	24.46	25.00	1.132	-0.05	0.229	0.259
	WCDMA IV_Ant 2	RMC 12.2Kbps	Left Cheek	0mm	2/3	1413	1732.6	24.46	25.00	1.132	-0.15	0.166	0.188
	WCDMA IV_Ant 2	RMC 12.2Kbps	Left Tilted	0mm	2/3	1413	1732.6	24.46	25.00	1.132	0.02	0.163	0.185
	WCDMA IV_Ant 0	RMC 12.2Kbps	Right Cheek	0mm	2/3	1413	1732.6	24.75	25.00	1.059	-0.18	0.087	0.092
	WCDMA IV_Ant 0	RMC 12.2Kbps	Right Tilted	0mm	2/3	1413	1732.6	24.75	25.00	1.059	-0.06	0.110	0.117
	WCDMA IV_Ant 0	RMC 12.2Kbps	Left Cheek	0mm	2/3	1413	1732.6	24.75	25.00	1.059	-0.19	0.162	0.172
	WCDMA IV_Ant 0	RMC 12.2Kbps	Left Tilted	0mm	2/3	1413	1732.6	24.75	25.00	1.059	0	0.077	0.082
	WCDMA V_Ant 0	RMC 12.2Kbps	Right Cheek	0mm	2/3	4182	836.4	24.66	25.00	1.081	-0.03	0.244	0.264
	WCDMA V_Ant 0	RMC 12.2Kbps	Right Tilted	0mm	2/3	4182	836.4	24.66	25.00	1.081	-0.03	0.115	0.124
	WCDMA V_Ant 0	RMC 12.2Kbps	Left Cheek	0mm	2/3	4182	836.4	24.66	25.00	1.081	0.01	0.336	0.363
	WCDMA V_Ant 0	RMC 12.2Kbps	Left Tilted	0mm	2/3	4182	836.4	24.66	25.00	1.081	0.06	0.134	0.145
05	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	2	4182	836.4	22.62	23.40	1.197	-0.03	0.759	0.908
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	2	4132	826.4	22.60	23.40	1.202	-0.06	0.754	0.907
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	2	4233	846.6	22.61	23.40	1.199	0.01	0.742	0.890
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	2	4182	836.4	22.62	23.40	1.197	0.01	0.559	0.669
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	2	4182	836.4	22.62	23.40	1.197	0	0.510	0.610
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	2	4182	836.4	22.62	23.40	1.197	0.01	0.376	0.450
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Cheek	0mm	3	4182	836.4	22.62	22.70	1.019	-0.03	0.759	0.773
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Tilted	0mm	3	4182	836.4	22.62	22.70	1.019	0.01	0.559	0.569
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Cheek	0mm	3	4182	836.4	22.62	22.70	1.019	0	0.510	0.519
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Tilted	0mm	3	4182	836.4	22.62	22.70	1.019	0.01	0.376	0.383

<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
06	LTE Band 7_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	21100	2535	21.85	23.40	1.429	0.01	0.554	0.792
	LTE Band 7_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2	21100	2535	21.86	23.40	1.426	-0.11	0.467	0.666
	LTE Band 7_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	2	21100	2535	21.85	23.40	1.429	-0.06	0.161	0.230
	LTE Band 7_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	2	21100	2535	21.86	23.40	1.426	-0.09	0.127	0.181
	LTE Band 7_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	2	21100	2535	21.85	23.40	1.429	0.04	0.247	0.353
	LTE Band 7_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	2	21100	2535	21.86	23.40	1.426	0.13	0.225	0.321
	LTE Band 7_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	2	21100	2535	21.85	23.40	1.429	-0.05	0.033	0.047
	LTE Band 7_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	2	21100	2535	21.86	23.40	1.426	-0.13	0.031	0.044
	LTE ULCA_7C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	21100+20902	2535	22.52	23.40	1.225	0.05	0.575	0.704
	LTE Band 7_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	21100	2535	21.85	22.70	1.216	0.01	0.554	0.674
	LTE Band 7_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	3	21100	2535	21.86	22.70	1.213	-0.11	0.467	0.567
	LTE Band 7_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	3	21100	2535	21.85	22.70	1.216	-0.06	0.161	0.196
	LTE Band 7_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	3	21100	2535	21.86	22.70	1.213	-0.09	0.127	0.154
	LTE Band 7_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	3	21100	2535	21.85	22.70	1.216	0.04	0.247	0.300
	LTE Band 7_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	3	21100	2535	21.86	22.70	1.213	0.13	0.225	0.273
	LTE Band 7_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	3	21100	2535	21.85	22.70	1.216	-0.05	0.033	0.040
	LTE Band 7_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	3	21100	2535	21.86	22.70	1.213	-0.13	0.031	0.038
	LTE ULCA_7C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	21100+20902	2535	22.52	22.70	1.042	0.05	0.575	0.599
	LTE Band 7_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	2/3	21100	2535	23.75	25.00	1.334	0.15	0.063	0.084
	LTE Band 7_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	2/3	21100	2535	22.64	24.00	1.368	-0.01	0.054	0.074
	LTE Band 7_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	2/3	21100	2535	23.75	25.00	1.334	0.05	0.030	0.040
	LTE Band 7_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	2/3	21100	2535	22.64	24.00	1.368	0	0.001	0.001
	LTE Band 7_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	21100	2535	23.75	25.00	1.334	-0.07	0.181	0.241
	LTE Band 7_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	2/3	21100	2535	22.64	24.00	1.368	-0.12	0.122	0.167
	LTE Band 7_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	2/3	21100	2535	23.75	25.00	1.334	0.06	0.042	0.056
	LTE Band 7_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	2/3	21100	2535	22.64	24.00	1.368	-0.02	0.038	0.052
	LTE ULCA_7C_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	21100+20902	2535	23.07	25.00	1.560	-0.02	0.125	0.195

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 12_Ant 0	10M	QPSK	1	0	Right Cheek	0mm	2/3	23095	707.5	23.98	25.00	1.265	-0.15	0.182	0.230
	LTE Band 12_Ant 0	10M	QPSK	25	0	Right Cheek	0mm	2/3	23095	707.5	23.02	24.00	1.253	-0.08	0.162	0.203
	LTE Band 12_Ant 0	10M	QPSK	1	0	Right Tilted	0mm	2/3	23095	707.5	23.98	25.00	1.265	0.02	0.104	0.132
	LTE Band 12_Ant 0	10M	QPSK	25	0	Right Tilted	0mm	2/3	23095	707.5	23.02	24.00	1.253	-0.18	0.102	0.128
	LTE Band 12_Ant 0	10M	QPSK	1	0	Left Cheek	0mm	2/3	23095	707.5	23.98	25.00	1.265	0	0.264	0.334
	LTE Band 12_Ant 0	10M	QPSK	25	0	Left Cheek	0mm	2/3	23095	707.5	23.02	24.00	1.253	0.1	0.194	0.243
	LTE Band 12_Ant 0	10M	QPSK	1	0	Left Tilted	0mm	2/3	23095	707.5	23.98	25.00	1.265	0.01	0.130	0.164
	LTE Band 12_Ant 0	10M	QPSK	25	0	Left Tilted	0mm	2/3	23095	707.5	23.02	24.00	1.253	0.08	0.129	0.162
07	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	2	23095	707.5	22.44	23.80	1.368	0.02	0.665	0.910
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	2	23095	707.5	22.46	23.80	1.361	-0.03	0.658	0.896
	LTE Band 12_Ant 1	10M	QPSK	50	0	Right Cheek	0mm	2	23095	707.5	22.44	23.80	1.368	0.19	0.594	0.812
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	2	23095	707.5	22.44	23.80	1.368	-0.08	0.555	0.759
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	2	23095	707.5	22.46	23.80	1.361	0.04	0.544	0.741
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	2	23095	707.5	22.44	23.80	1.368	-0.01	0.445	0.609
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	2	23095	707.5	22.46	23.80	1.361	0.17	0.446	0.607
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	2	23095	707.5	22.44	23.80	1.368	-0.01	0.361	0.494
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	2	23095	707.5	22.46	23.80	1.361	0.16	0.356	0.485
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	3	23095	707.5	22.44	23.10	1.164	0.02	0.665	0.774
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	3	23095	707.5	22.46	23.10	1.159	-0.03	0.658	0.762
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	3	23095	707.5	22.44	23.10	1.164	-0.08	0.555	0.646
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	3	23095	707.5	22.46	23.10	1.159	0.04	0.544	0.630
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	3	23095	707.5	22.44	23.10	1.164	-0.01	0.445	0.518
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	3	23095	707.5	22.46	23.10	1.159	0.17	0.446	0.517
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	3	23095	707.5	22.44	23.10	1.164	-0.01	0.361	0.420
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	3	23095	707.5	22.46	23.10	1.159	0.16	0.356	0.413
	LTE Band 13_Ant 0	10M	QPSK	1	0	Right Cheek	0mm	2/3	23230	782	23.90	25.00	1.288	0.04	0.214	0.276
	LTE Band 13_Ant 0	10M	QPSK	25	0	Right Cheek	0mm	2/3	23230	782	22.95	24.00	1.274	0.02	0.204	0.260
	LTE Band 13_Ant 0	10M	QPSK	1	0	Right Tilted	0mm	2/3	23230	782	23.90	25.00	1.288	0.04	0.146	0.188
	LTE Band 13_Ant 0	10M	QPSK	25	0	Right Tilted	0mm	2/3	23230	782	22.95	24.00	1.274	0.11	0.144	0.183
	LTE Band 13_Ant 0	10M	QPSK	1	0	Left Cheek	0mm	2/3	23230	782	23.90	25.00	1.288	0.06	0.277	0.357
	LTE Band 13_Ant 0	10M	QPSK	25	0	Left Cheek	0mm	2/3	23230	782	22.95	24.00	1.274	-0.05	0.275	0.350
	LTE Band 13_Ant 0	10M	QPSK	1	0	Left Tilted	0mm	2/3	23230	782	23.90	25.00	1.288	-0.02	0.174	0.224
	LTE Band 13_Ant 0	10M	QPSK	25	0	Left Tilted	0mm	2/3	23230	782	22.95	24.00	1.274	0.14	0.170	0.216
08	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	2	23230	782	21.64	22.80	1.306	0	0.676	0.883
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	2	23230	782	21.76	22.80	1.271	-0.07	0.672	0.854
	LTE Band 13_Ant 1	10M	QPSK	50	0	Right Cheek	0mm	2	23230	782	21.76	22.80	1.271	0.04	0.646	0.821
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	2	23230	782	21.64	22.80	1.306	0.01	0.519	0.678
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	2	23230	782	21.76	22.80	1.271	-0.07	0.503	0.639
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	2	23230	782	21.64	22.80	1.306	0	0.374	0.489
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	2	23230	782	21.76	22.80	1.271	0.01	0.366	0.465
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	2	23230	782	21.64	22.80	1.306	0	0.323	0.422
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	2	23230	782	21.76	22.80	1.271	0.01	0.321	0.408
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	3	23230	782	21.64	22.10	1.112	0	0.676	0.752
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	3	23230	782	21.76	22.10	1.081	-0.07	0.672	0.727
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	3	23230	782	21.64	22.10	1.112	0.01	0.519	0.577
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	3	23230	782	21.76	22.10	1.081	-0.07	0.503	0.544
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	3	23230	782	21.64	22.10	1.112	0	0.374	0.416
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	3	23230	782	21.76	22.10	1.081	0.01	0.366	0.396
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	3	23230	782	21.64	22.10	1.112	0	0.323	0.359
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	3	23230	782	21.76	22.10	1.081	0.01	0.321	0.347

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 14_Ant 0	10M	QPSK	1	0	Right Cheek	0mm	2/3	23330	793	23.91	25.00	1.285	0.03	0.212	0.272
	LTE Band 14_Ant 0	10M	QPSK	25	0	Right Cheek	0mm	2/3	23330	793	22.89	24.00	1.291	0.17	0.161	0.208
	LTE Band 14_Ant 0	10M	QPSK	1	0	Right Tilted	0mm	2/3	23330	793	23.91	25.00	1.285	-0.03	0.136	0.175
	LTE Band 14_Ant 0	10M	QPSK	25	0	Right Tilted	0mm	2/3	23330	793	22.89	24.00	1.291	0.01	0.086	0.111
	LTE Band 14_Ant 0	10M	QPSK	1	0	Left Cheek	0mm	2/3	23330	793	23.91	25.00	1.285	0.12	0.293	0.377
	LTE Band 14_Ant 0	10M	QPSK	25	0	Left Cheek	0mm	2/3	23330	793	22.89	24.00	1.291	0.1	0.290	0.374
	LTE Band 14_Ant 0	10M	QPSK	1	0	Left Tilted	0mm	2/3	23330	793	23.91	25.00	1.285	0.03	0.157	0.202
	LTE Band 14_Ant 0	10M	QPSK	25	0	Left Tilted	0mm	2/3	23330	793	22.89	24.00	1.291	0.04	0.156	0.201
09	LTE Band 14_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	2	23330	793	21.82	23.10	1.343	-0.01	0.673	0.904
	LTE Band 14_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	2	23330	793	21.87	23.10	1.327	-0.12	0.672	0.892
	LTE Band 14_Ant 1	10M	QPSK	50	0	Right Cheek	0mm	2	23330	793	21.90	23.10	1.318	0.04	0.652	0.860
	LTE Band 14_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	2	23330	793	21.82	23.10	1.343	-0.12	0.509	0.683
	LTE Band 14_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	2	23330	793	21.87	23.10	1.327	0.08	0.516	0.685
	LTE Band 14_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	2	23330	793	21.82	23.10	1.343	0	0.466	0.626
	LTE Band 14_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	2	23330	793	21.87	23.10	1.327	-0.12	0.470	0.624
	LTE Band 14_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	2	23330	793	21.82	23.10	1.343	0	0.325	0.436
	LTE Band 14_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	2	23330	793	21.87	23.10	1.327	0.04	0.326	0.433
	LTE Band 14_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	3	23330	793	21.82	22.40	1.143	-0.01	0.673	0.769
	LTE Band 14_Ant 1	10M	QPSK	25	0	Right Cheek	0mm	3	23330	793	21.87	22.40	1.130	-0.12	0.672	0.759
	LTE Band 14_Ant 1	10M	QPSK	1	0	Right Tilted	0mm	3	23330	793	21.82	22.40	1.143	-0.12	0.509	0.582
	LTE Band 14_Ant 1	10M	QPSK	25	0	Right Tilted	0mm	3	23330	793	21.87	22.40	1.130	0.08	0.516	0.583
	LTE Band 14_Ant 1	10M	QPSK	1	0	Left Cheek	0mm	3	23330	793	21.82	22.40	1.143	0	0.466	0.533
	LTE Band 14_Ant 1	10M	QPSK	25	0	Left Cheek	0mm	3	23330	793	21.87	22.40	1.130	-0.12	0.470	0.531
	LTE Band 14_Ant 1	10M	QPSK	1	0	Left Tilted	0mm	3	23330	793	21.82	22.40	1.143	0	0.325	0.371
	LTE Band 14_Ant 1	10M	QPSK	25	0	Left Tilted	0mm	3	23330	793	21.87	22.40	1.130	0.04	0.326	0.368
	LTE Band 25_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2/3	26340	1880	23.98	25.00	1.265	-0.14	0.531	0.672
	LTE Band 25_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2/3	26340	1880	22.95	24.00	1.274	-0.01	0.432	0.550
	LTE Band 25_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	2/3	26340	1880	23.98	25.00	1.265	0.06	0.230	0.291
	LTE Band 25_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	2/3	26340	1880	22.95	24.00	1.274	0.05	0.171	0.218
	LTE Band 25_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	2/3	26340	1880	23.98	25.00	1.265	-0.08	0.252	0.319
	LTE Band 25_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	2/3	26340	1880	22.95	24.00	1.274	-0.09	0.179	0.228
	LTE Band 25_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	2/3	26340	1880	23.98	25.00	1.265	-0.01	0.242	0.306
	LTE Band 25_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	2/3	26340	1880	22.95	24.00	1.274	0.13	0.173	0.220
	LTE Band 25_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	2/3	26340	1880	23.75	25.00	1.334	0.12	0.002	0.003
	LTE Band 25_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	2/3	26340	1880	22.73	24.00	1.340	0.03	0.001	0.001
	LTE Band 25_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	2/3	26340	1880	23.75	25.00	1.334	0.18	0.002	0.003
	LTE Band 25_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	2/3	26340	1880	22.73	24.00	1.340	0.16	0.001	0.001
	LTE Band 25_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	26340	1880	23.75	25.00	1.334	0.01	0.034	0.045
	LTE Band 25_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	2/3	26340	1880	22.73	24.00	1.340	-0.1	0.023	0.031
	LTE Band 25_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	2/3	26340	1880	23.75	25.00	1.334	0.07	0.002	0.003
	LTE Band 25_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	2/3	26340	1880	22.73	24.00	1.340	0.18	0.001	0.001
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	2	26340	1880	15.38	16.6	1.324	0.02	0.658	0.871
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	2	26140	1860	15.37	16.6	1.327	0.1	0.591	0.784
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	2	26590	1905	15.29	16.6	1.352	-0.09	0.643	0.869
10	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	2	26340	1880	15.5	16.6	1.288	0.03	0.703	0.906
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	2	26140	1860	15.4	16.6	1.318	0.1	0.632	0.833
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	2	26590	1905	15.33	16.6	1.340	-0.03	0.674	0.903
	LTE Band 25_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	2	26340	1880	15.39	16.6	1.321	0.1	0.664	0.877
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	2	26340	1880	15.38	16.6	1.324	0.02	0.658	0.871
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	2	26140	1860	15.37	16.6	1.327	-0.09	0.557	0.739
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	2	26590	1905	15.29	16.6	1.352	-0.16	0.637	0.861
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	2	26340	1880	15.5	16.6	1.288	-0.18	0.657	0.846
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	2	26140	1860	15.4	16.6	1.318	0.11	0.588	0.775
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	2	26590	1905	15.33	16.6	1.340	0.01	0.632	0.847
	LTE Band 25_Ant 1	20M	QPSK	100	0	Right Tilted	0mm	2	26340	1880	15.39	16.6	1.321	-0.19	0.641	0.847
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	2	26340	1880	15.38	16.6	1.324	0.01	0.200	0.265

	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	2	26340	1880	15.5	16.6	1.288	0.12	0.188	0.242
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	2	26340	1880	15.38	16.6	1.324	0	0.236	0.313
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	2	26340	1880	15.5	16.6	1.288	-0.11	0.214	0.276
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	3	26340	1880	15.38	15.9	1.127	0.02	0.658	0.742
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	3	26340	1880	15.5	15.9	1.096	0.03	0.703	0.771
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	3	26340	1880	15.38	15.9	1.127	0.02	0.658	0.742
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	3	26340	1880	15.5	15.9	1.096	-0.18	0.657	0.720
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	3	26340	1880	15.38	15.9	1.127	0.01	0.200	0.225
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	3	26340	1880	15.5	15.9	1.096	0.12	0.188	0.206
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	3	26340	1880	15.38	15.9	1.127	0	0.236	0.266
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	3	26340	1880	15.5	15.9	1.096	-0.11	0.214	0.235
	LTE Band 25_Ant 5	20M	QPSK	1	0	Right Cheek	0mm	2	26340	1880	18.45	19.90	1.396	-0.06	0.224	0.313
	LTE Band 25_Ant 5	20M	QPSK	50	0	Right Cheek	0mm	2	26340	1880	18.51	19.90	1.377	-0.19	0.214	0.295
	LTE Band 25_Ant 5	20M	QPSK	1	0	Right Tilted	0mm	2	26340	1880	18.45	19.90	1.396	-0.02	0.112	0.156
	LTE Band 25_Ant 5	20M	QPSK	50	0	Right Tilted	0mm	2	26340	1880	18.51	19.90	1.377	0.13	0.100	0.138
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	2	26340	1880	18.45	19.90	1.396	-0.09	0.604	0.843
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	2	26140	1860	18.43	19.90	1.403	0.12	0.529	0.742
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	2	26590	1905	18.44	19.90	1.400	-0.04	0.610	0.854
	LTE Band 25_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	2	26340	1880	18.51	19.90	1.377	0.09	0.531	0.731
	LTE Band 25_Ant 5	20M	QPSK	100	0	Left Cheek	0mm	2	26340	1880	18.46	19.90	1.393	-0.09	0.574	0.800
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Tilted	0mm	2	26340	1880	18.45	19.90	1.396	-0.02	0.190	0.265
	LTE Band 25_Ant 5	20M	QPSK	50	0	Left Tilted	0mm	2	26340	1880	18.51	19.90	1.377	-0.06	0.171	0.236
	LTE Band 25_Ant 5	20M	QPSK	1	0	Right Cheek	0mm	3	26340	1880	18.45	19.20	1.189	-0.06	0.224	0.266
	LTE Band 25_Ant 5	20M	QPSK	50	0	Right Cheek	0mm	3	26340	1880	18.51	19.20	1.172	-0.19	0.214	0.251
	LTE Band 25_Ant 5	20M	QPSK	1	0	Right Tilted	0mm	3	26340	1880	18.45	19.20	1.189	-0.02	0.112	0.133
	LTE Band 25_Ant 5	20M	QPSK	50	0	Right Tilted	0mm	3	26340	1880	18.51	19.20	1.172	0.13	0.100	0.117
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	3	26340	1880	18.45	19.20	1.189	-0.09	0.604	0.718
	LTE Band 25_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	3	26340	1880	18.51	19.20	1.172	0.09	0.531	0.622
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Tilted	0mm	3	26340	1880	18.45	19.20	1.189	-0.02	0.190	0.226
	LTE Band 25_Ant 5	20M	QPSK	50	0	Left Tilted	0mm	3	26340	1880	18.51	19.20	1.172	-0.06	0.171	0.200

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 26_Ant 0	15M	QPSK	1	0	Right Cheek	0mm	2/3	26865	831.5	24.28	25.00	1.180	0.13	0.159	0.188
	LTE Band 26_Ant 0	15M	QPSK	36	0	Right Cheek	0mm	2/3	26865	831.5	23.45	24.00	1.135	-0.07	0.167	0.190
	LTE Band 26_Ant 0	15M	QPSK	1	0	Right Tilted	0mm	2/3	26865	831.5	24.28	25.00	1.180	-0.03	0.081	0.096
	LTE Band 26_Ant 0	15M	QPSK	36	0	Right Tilted	0mm	2/3	26865	831.5	23.45	24.00	1.135	0.09	0.084	0.095
	LTE Band 26_Ant 0	15M	QPSK	1	0	Left Cheek	0mm	2/3	26865	831.5	24.28	25.00	1.180	0.01	0.299	0.353
	LTE Band 26_Ant 0	15M	QPSK	36	0	Left Cheek	0mm	2/3	26865	831.5	23.45	24.00	1.135	0.04	0.234	0.266
	LTE Band 26_Ant 0	15M	QPSK	1	0	Left Tilted	0mm	2/3	26865	831.5	24.28	25.00	1.180	-0.05	0.141	0.166
	LTE Band 26_Ant 0	15M	QPSK	36	0	Left Tilted	0mm	2/3	26865	831.5	23.45	24.00	1.135	0.02	0.143	0.162
	LTE ULCA_5B_Ant 0	10M	QPSK	1	49	Left Cheek	0mm	2/3	20450+20549	829	24.02	25.00	1.253	0.02	0.270	0.338
11	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Cheek	0mm	2	26865	831.5	21.79	22.80	1.262	0.01	0.718	0.906
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Cheek	0mm	2	26865	831.5	21.79	22.80	1.262	-0.1	0.698	0.881
	LTE Band 26_Ant 1	15M	QPSK	75	0	Right Cheek	0mm	2	26865	831.5	21.81	22.80	1.256	0.04	0.688	0.864
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Tilted	0mm	2	26865	831.5	21.79	22.80	1.262	0	0.573	0.723
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Tilted	0mm	2	26865	831.5	21.79	22.80	1.262	-0.19	0.553	0.698
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Cheek	0mm	2	26865	831.5	21.79	22.80	1.262	0	0.483	0.609
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Cheek	0mm	2	26865	831.5	21.79	22.80	1.262	0.15	0.472	0.596
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Tilted	0mm	2	26865	831.5	21.79	22.80	1.262	0.01	0.436	0.550
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Tilted	0mm	2	26865	831.5	21.79	22.80	1.262	-0.12	0.411	0.519
	LTE ULCA_5B_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	2	20574+20475	841.4	22.02	22.80	1.197	0.03	0.750	0.898
	LTE ULCA_5B_Ant 1	10M	QPSK	1	49	Right Cheek	0mm	2	20450+20549	829	22.00	22.80	1.202	0.06	0.739	0.888
	LTE ULCA_5B_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	2	20600+20501	844	21.95	22.80	1.216	-0.12	0.730	0.888
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Cheek	0mm	3	26865	831.5	21.79	22.10	1.074	0.01	0.718	0.771
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Cheek	0mm	3	26865	831.5	21.79	22.10	1.074	-0.1	0.698	0.750
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Tilted	0mm	3	26865	831.5	21.79	22.10	1.074	0	0.573	0.615
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Tilted	0mm	3	26865	831.5	21.79	22.10	1.074	-0.19	0.553	0.594
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Cheek	0mm	3	26865	831.5	21.79	22.10	1.074	0	0.483	0.519
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Cheek	0mm	3	26865	831.5	21.79	22.10	1.074	0.15	0.472	0.507
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Tilted	0mm	3	26865	831.5	21.79	22.10	1.074	0.01	0.436	0.468
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Tilted	0mm	3	26865	831.5	21.79	22.10	1.074	-0.12	0.411	0.441
	LTE ULCA_5B_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	3	20574+20475	841.4	22.02	22.10	1.019	0.03	0.750	0.764
12	LTE Band 30_Ant 2	10M	QPSK	1	0	Right Cheek	0mm	2/3	27710	2310	23.77	24.60	1.211	0.16	0.589	0.713
	LTE Band 30_Ant 2	10M	QPSK	25	0	Right Cheek	0mm	2/3	27710	2310	23.25	23.60	1.084	0.09	0.488	0.529
	LTE Band 30_Ant 2	10M	QPSK	1	0	Right Tilted	0mm	2/3	27710	2310	23.77	24.60	1.211	-0.02	0.230	0.278
	LTE Band 30_Ant 2	10M	QPSK	25	0	Right Tilted	0mm	2/3	27710	2310	23.25	23.60	1.084	0.04	0.188	0.204
	LTE Band 30_Ant 2	10M	QPSK	1	0	Left Cheek	0mm	2/3	27710	2310	23.77	24.60	1.211	0	0.304	0.368
	LTE Band 30_Ant 2	10M	QPSK	25	0	Left Cheek	0mm	2/3	27710	2310	23.25	23.60	1.084	0.02	0.246	0.267
	LTE Band 30_Ant 2	10M	QPSK	1	0	Left Tilted	0mm	2/3	27710	2310	23.77	24.60	1.211	0.03	0.294	0.356
	LTE Band 30_Ant 2	10M	QPSK	25	0	Left Tilted	0mm	2/3	27710	2310	23.25	23.60	1.084	0.09	0.243	0.263
	LTE Band 30_Ant 0	10M	QPSK	1	0	Right Cheek	0mm	2/3	27710	2310	23.32	24.60	1.343	-0.12	0.094	0.126
	LTE Band 30_Ant 0	10M	QPSK	25	0	Right Cheek	0mm	2/3	27710	2310	23.10	23.60	1.122	-0.06	0.079	0.089
	LTE Band 30_Ant 0	10M	QPSK	1	0	Right Tilted	0mm	2/3	27710	2310	23.32	24.60	1.343	-0.01	0.040	0.054
	LTE Band 30_Ant 0	10M	QPSK	25	0	Right Tilted	0mm	2/3	27710	2310	23.10	23.60	1.122	0.05	0.032	0.036
	LTE Band 30_Ant 0	10M	QPSK	1	0	Left Cheek	0mm	2/3	27710	2310	23.32	24.60	1.343	-0.1	0.063	0.085
	LTE Band 30_Ant 0	10M	QPSK	25	0	Left Cheek	0mm	2/3	27710	2310	23.10	23.60	1.122	0.05	0.050	0.056
	LTE Band 30_Ant 0	10M	QPSK	1	0	Left Tilted	0mm	2/3	27710	2310	23.32	24.60	1.343	-0.09	0.043	0.058
	LTE Band 30_Ant 0	10M	QPSK	25	0	Left Tilted	0mm	2/3	27710	2310	23.10	23.60	1.122	0.05	0.034	0.038

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
13	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	40620	2593	23.94	25.00	1.276	62.9	1.006	-0.16	0.648	0.832
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	39750	2506	23.92	25.00	1.282	62.9	1.006	-0.01	0.494	0.637
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	40185	2549.5	23.92	25.00	1.282	62.9	1.006	0.04	0.563	0.726
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	41055	2636.5	23.85	25.00	1.303	62.9	1.006	-0.05	0.499	0.654
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	41490	2680	23.89	25.00	1.291	62.9	1.006	-0.08	0.546	0.709
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2	40620	2593	22.96	24.00	1.271	62.9	1.006	-0.06	0.519	0.663
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2	39750	2506	22.93	24.00	1.279	62.9	1.006	0.09	0.395	0.508
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2	40185	2549.5	22.91	24.00	1.285	62.9	1.006	-0.15	0.450	0.582
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2	41055	2636.5	22.88	24.00	1.294	62.9	1.006	0.18	0.399	0.519
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2	41490	2680	22.83	24.00	1.309	62.9	1.006	0.02	0.437	0.576
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2	40620	2593	22.96	24.00	1.271	62.9	1.006	-0.01	0.415	0.530
	LTE Band 41_Ant 2	20M	QPSK	100	0	Right Cheek	0mm	2	40620	2593	22.95	24.00	1.274	62.9	1.006	0.06	0.615	0.788
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	2	40620	2593	23.94	25.00	1.276	62.9	1.006	-0.06	0.155	0.199
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	2	40620	2593	22.96	24.00	1.271	62.9	1.006	0.09	0.125	0.160
	LTE Band 41_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	2	40620	2593	23.94	25.00	1.276	62.9	1.006	-0.03	0.250	0.321
	LTE Band 41_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	2	40620	2593	22.96	24.00	1.271	62.9	1.006	0.02	0.200	0.256
	LTE Band 41_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	2	40620	2593	23.94	25.00	1.276	62.9	1.006	-0.08	0.195	0.250
	LTE Band 41_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	2	40620	2593	22.96	24.00	1.271	62.9	1.006	0.13	0.156	0.199
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	40620	2593	25.86	26.60	1.186	42.9	1.009	-0.02	0.645	0.772
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	39750	2506	25.73	26.60	1.222	42.9	1.009	-0.09	0.489	0.603
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	40185	2549.5	25.77	26.60	1.211	42.9	1.009	-0.06	0.559	0.683
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	41055	2636.5	25.68	26.60	1.236	42.9	1.009	0.04	0.581	0.725
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	41490	2680	25.73	26.60	1.222	42.9	1.009	0.05	0.546	0.673
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	40620+40422	2593	22.74	24.00	1.337	62.9	1.006	0.01	0.589	0.792
	LTE ULCA_41C_Ant 2	20M	QPSK	1	99	Right Cheek	0mm	2	39750+39948	2506	22.66	24.00	1.361	62.9	1.006	0.02	0.551	0.755
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	40185+39987	2549.5	22.58	24.00	1.387	62.9	1.006	0.05	0.548	0.765
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	41055+40857	2636.5	22.64	24.00	1.368	62.9	1.006	-0.03	0.561	0.772
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2	41490+41292	2680	22.73	24.00	1.340	62.9	1.006	0	0.582	0.784
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	40620	2593	23.94	24.30	1.086	62.9	1.006	-0.16	0.648	0.708
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	39750	2506	23.92	24.30	1.091	62.9	1.006	-0.01	0.494	0.542
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	40185	2549.5	23.92	24.30	1.091	62.9	1.006	0.04	0.563	0.618
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	41055	2636.5	23.85	24.30	1.109	62.9	1.006	-0.05	0.499	0.557
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	41490	2680	23.89	24.30	1.099	62.9	1.006	-0.08	0.546	0.604
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	3	40620	2593	22.96	24.00	1.271	62.9	1.006	-0.06	0.519	0.663
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	3	39750	2506	22.93	24.00	1.279	62.9	1.006	0.09	0.395	0.508
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	3	40185	2549.5	22.91	24.00	1.285	62.9	1.006	-0.15	0.450	0.582
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	3	41055	2636.5	22.88	24.00	1.294	62.9	1.006	0.18	0.399	0.519
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	3	41490	2680	22.83	24.00	1.309	62.9	1.006	0.02	0.437	0.576
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	3	40620	2593	22.96	24.00	1.271	62.9	1.006	-0.01	0.415	0.530
	LTE Band 41_Ant 2	20M	QPSK	100	0	Right Cheek	0mm	3	40620	2593	22.95	24.00	1.274	62.9	1.006	0.06	0.515	0.660
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	3	40620	2593	23.94	24.30	1.086	62.9	1.006	-0.06	0.155	0.169
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	3	40620	2593	22.96	24.00	1.271	62.9	1.006	0.09	0.125	0.160
	LTE Band 41_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	3	40620	2593	23.94	24.30	1.086	62.9	1.006	-0.03	0.250	0.273
	LTE Band 41_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	3	40620	2593	22.96	24.00	1.271	62.9	1.006	0.02	0.200	0.256
	LTE Band 41_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	3	40620	2593	23.94	24.30	1.086	62.9	1.006	-0.08	0.195	0.213
	LTE Band 41_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	3	40620	2593	22.96	24.00	1.271	62.9	1.006	0.13	0.156	0.199
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	40620	2593	25.86	25.90	1.009	42.9	1.009	-0.02	0.645	0.657
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	39750	2506	25.73	25.90	1.040	42.9	1.009	-0.09	0.489	0.513
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	40185	2549.5	25.77	25.90	1.030	42.9	1.009	-0.06	0.559	0.581
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	41055	2636.5	25.68	25.90	1.052	42.9	1.009	0.04	0.581	0.617
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	41490	2680	25.73	25.90	1.040	42.9	1.009	0.05	0.546	0.573
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	40620+40422	2593	22.74	23.30	1.138	62.9	1.006	0.01	0.589	0.674
	LTE ULCA_41C_Ant 2	20M	QPSK	1	99	Right Cheek	0mm	3	39750+39948	2506	22.66	23.30	1.159	62.9	1.006	0.02	0.551	0.642
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	40185+39987	2549.5	22.58	23.30	1.180	62.9	1.006	0.05	0.548	0.651
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	41055+40857	2636.5	22.64	23.30	1.164	62.9	1.006	-0.03	0.561	0.657
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	3	41490+41292	2680	22.73	23.30	1.140	62.9	1.006	0	0.582	0.668
	LTE Band 41_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	2/3	40620	2593	23.53	24.50	1.250	62.9	1.006	-0.09	0.046	0.058
	LTE Band 41_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	2/3	40620	2593	22.48	23.50	1.265	62.9	1.006	-0.13	0.034	0.043
	LTE Band 41_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	2/3	40620	2593	23.53	24.50	1.250	62.9	1.006	-0.07	0.017	0.021

	LTE Band 41_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	2/3	40620	2593	22.48	23.50	1.265	62.9	1.006	-0.09	0.011	0.014
	LTE Band 41_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	40620	2593	23.53	24.50	1.250	62.9	1.006	-0.11	0.126	0.158
	LTE Band 41_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	2/3	40620	2593	22.48	23.50	1.265	62.9	1.006	-0.09	0.109	0.139
	LTE Band 41_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	2/3	40620	2593	23.53	24.50	1.250	62.9	1.006	-0.04	0.041	0.052
	LTE Band 41_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	2/3	40620	2593	22.48	23.50	1.265	62.9	1.006	-0.01	0.026	0.033
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	40620	2593	25.29	26.40	1.291	42.9	1.009	0.15	0.117	0.152
	LTE ULCA_41C_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	40620+40422	2593	22.09	23.00	1.233	62.9	1.006	0.01	0.110	0.136
	LTE Band 48_Ant 6	20M	QPSK	1	0	Right Cheek	0mm	2/3	55830	3609	22.72	23.50	1.197	62.9	1.006	-0.12	0.096	0.116
	LTE Band 48_Ant 6	20M	QPSK	50	0	Right Cheek	0mm	2/3	55830	3609	22.67	23.50	1.211	62.9	1.006	-0.12	0.069	0.084
	LTE Band 48_Ant 6	20M	QPSK	1	0	Right Tilted	0mm	2/3	55830	3609	22.72	23.50	1.197	62.9	1.006	-0.01	0.124	0.149
	LTE Band 48_Ant 6	20M	QPSK	50	0	Right Tilted	0mm	2/3	55830	3609	22.67	23.50	1.211	62.9	1.006	0.05	0.091	0.111
	LTE Band 48_Ant 6	20M	QPSK	1	0	Left Cheek	0mm	2/3	55830	3609	22.72	23.50	1.197	62.9	1.006	-0.03	0.176	0.212
	LTE Band 48_Ant 6	20M	QPSK	50	0	Left Cheek	0mm	2/3	55830	3609	22.67	23.50	1.211	62.9	1.006	0.05	0.130	0.158
	LTE Band 48_Ant 6	20M	QPSK	1	0	Left Tilted	0mm	2/3	55830	3609	22.72	23.50	1.197	62.9	1.006	0.11	0.069	0.083
	LTE Band 48_Ant 6	20M	QPSK	50	0	Left Tilted	0mm	2/3	55830	3609	22.67	23.50	1.211	62.9	1.006	0.15	0.051	0.062
14	LTE Band 48_Ant 7	20M	QPSK	1	0	Right Cheek	0mm	2/3	55830	3609	23.27	24.00	1.183	62.9	1.006	-0.1	0.197	0.234
	LTE Band 48_Ant 7	20M	QPSK	50	0	Right Cheek	0mm	2/3	55830	3609	21.72	23.40	1.472	62.9	1.006	0.05	0.140	0.207
	LTE Band 48_Ant 7	20M	QPSK	1	0	Right Tilted	0mm	2/3	55830	3609	23.27	24.00	1.183	62.9	1.006	0.03	0.047	0.056
	LTE Band 48_Ant 7	20M	QPSK	50	0	Right Tilted	0mm	2/3	55830	3609	21.72	23.40	1.472	62.9	1.006	0.04	0.031	0.046
	LTE Band 48_Ant 7	20M	QPSK	1	0	Left Cheek	0mm	2/3	55830	3609	23.27	24.00	1.183	62.9	1.006	-0.12	0.121	0.144
	LTE Band 48_Ant 7	20M	QPSK	50	0	Left Cheek	0mm	2/3	55830	3609	21.72	23.40	1.472	62.9	1.006	0.11	0.089	0.132
	LTE Band 48_Ant 7	20M	QPSK	1	0	Left Tilted	0mm	2/3	55830	3609	23.27	24.00	1.183	62.9	1.006	0.12	0.088	0.105
	LTE Band 48_Ant 7	20M	QPSK	50	0	Left Tilted	0mm	2/3	55830	3609	21.72	23.40	1.472	62.9	1.006	0.06	0.065	0.096

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 66_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2/3	132322	1745	23.88	25.00	1.294	0.03	0.516	0.668
	LTE Band 66_Ant 2	20M	QPSK	50	0	Right Cheek	0mm	2/3	132322	1745	22.86	24.00	1.300	-0.1	0.414	0.538
	LTE Band 66_Ant 2	20M	QPSK	1	0	Right Tilted	0mm	2/3	132322	1745	23.88	25.00	1.294	-0.06	0.208	0.269
	LTE Band 66_Ant 2	20M	QPSK	50	0	Right Tilted	0mm	2/3	132322	1745	22.86	24.00	1.300	-0.15	0.168	0.218
	LTE Band 66_Ant 2	20M	QPSK	1	0	Left Cheek	0mm	2/3	132322	1745	23.88	25.00	1.294	0.14	0.171	0.221
	LTE Band 66_Ant 2	20M	QPSK	50	0	Left Cheek	0mm	2/3	132322	1745	22.86	24.00	1.300	0.07	0.147	0.191
	LTE Band 66_Ant 2	20M	QPSK	1	0	Left Tilted	0mm	2/3	132322	1745	23.88	25.00	1.294	0.01	0.202	0.261
	LTE Band 66_Ant 2	20M	QPSK	50	0	Left Tilted	0mm	2/3	132322	1745	22.86	24.00	1.300	0.03	0.184	0.239
	LTE ULCA_66B_Ant 2	15M	QPSK	1	74	Right Cheek	0mm	2/3	132047+132140	1717.5	23.51	25.00	1.409	0.02	0.441	0.621
	LTE ULCA_66C_Ant 2	20M	QPSK	1	0	Right Cheek	0mm	2/3	132322+132124	1745	23.50	25.00	1.413	0.04	0.440	0.622
	LTE Band 66_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	2/3	132322	1745	23.77	25.00	1.327	-0.05	0.050	0.066
	LTE Band 66_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	2/3	132322	1745	22.61	24.00	1.377	-0.15	0.045	0.062
	LTE Band 66_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	2/3	132322	1745	23.77	25.00	1.327	0.12	0.055	0.073
	LTE Band 66_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	2/3	132322	1745	22.61	24.00	1.377	-0.08	0.001	0.001
	LTE Band 66_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	132322	1745	23.77	25.00	1.327	-0.12	0.060	0.080
	LTE Band 66_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	2/3	132322	1745	22.61	24.00	1.377	-0.17	0.044	0.061
	LTE Band 66_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	2/3	132322	1745	23.77	25.00	1.327	-0.01	0.058	0.077
	LTE Band 66_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	2/3	132322	1745	22.61	24.00	1.377	-0.04	0.049	0.067
	LTE ULCA_66B_Ant 0	15M	QPSK	1	74	Left Cheek	0mm	2/3	132047+132140	1717.5	23.25	25.00	1.496	0.05	0.049	0.073
	LTE ULCA_66C_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	132322+132124	1745	23.22	25.00	1.507	0.01	0.048	0.072
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	2	132322	1745	15.21	16.8	1.442	0.03	0.558	0.805
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	2	132072	1720	15.2	16.8	1.445	-0.02	0.387	0.559
15	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	2	132572	1770	15.17	16.8	1.455	0	0.598	0.870
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	2	132322	1745	15.17	16.8	1.455	0.01	0.551	0.802
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	2	132072	1720	15.16	16.8	1.459	-0.13	0.413	0.602
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	2	132572	1770	15.13	16.8	1.469	0.05	0.562	0.826
	LTE Band 66_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	2	132322	1745	15.11	16.8	1.476	-0.04	0.565	0.834

	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	2	132322	1745	15.21	16.8	1.442	0.04	0.590	0.851
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	2	132072	1720	15.2	16.8	1.445	0.02	0.425	0.614
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	2	132572	1770	15.17	16.8	1.455	-0.06	0.578	0.841
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	2	132322	1745	15.17	16.8	1.455	-0.13	0.467	0.680
	LTE Band 66_Ant 1	20M	QPSK	100	0	Right Tilted	0mm	2	132322	1745	15.11	16.8	1.476	0.08	0.511	0.754
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	2	132322	1745	15.21	16.8	1.442	0.04	0.218	0.314
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	2	132322	1745	15.17	16.8	1.455	0.02	0.214	0.311
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	2	132322	1745	15.21	16.8	1.442	-0.05	0.293	0.423
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	2	132322	1745	15.17	16.8	1.455	0.09	0.265	0.386
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	3	132322	1745	15.21	16.1	1.227	0.03	0.558	0.685
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	3	132322	1745	15.17	16.1	1.239	0.01	0.551	0.683
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	3	132322	1745	15.21	16.1	1.227	0.04	0.590	0.724
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	3	132322	1745	15.17	16.1	1.239	-0.13	0.467	0.579
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	3	132322	1745	15.21	16.1	1.227	0.04	0.218	0.268
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	3	132322	1745	15.17	16.1	1.239	0.02	0.214	0.265
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	3	132322	1745	15.21	16.1	1.227	-0.05	0.293	0.360
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	3	132322	1745	15.17	16.1	1.239	0.09	0.265	0.328
	LTE Band 66_Ant 5	20M	QPSK	1	0	Right Cheek	0mm	2	132322	1745	18.13	19.20	1.279	-0.07	0.254	0.325
	LTE Band 66_Ant 5	20M	QPSK	50	0	Right Cheek	0mm	2	132322	1745	18.16	19.20	1.271	-0.08	0.173	0.220
	LTE Band 66_Ant 5	20M	QPSK	1	0	Right Tilted	0mm	2	132322	1745	18.13	19.20	1.279	-0.08	0.111	0.142
	LTE Band 66_Ant 5	20M	QPSK	50	0	Right Tilted	0mm	2	132322	1745	18.16	19.20	1.271	0.02	0.107	0.136
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	2	132322	1745	18.13	19.20	1.279	0.15	0.659	0.843
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	2	132072	1720	18.12	19.20	1.282	-0.14	0.562	0.721
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	2	132572	1770	18.10	19.20	1.288	-0.02	0.619	0.797
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	2	132322	1745	18.16	19.20	1.271	0.06	0.678	0.861
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	2	132072	1720	18.15	19.20	1.274	-0.06	0.581	0.740
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	2	132572	1770	18.12	19.20	1.282	0.07	0.620	0.795
	LTE Band 66_Ant 5	20M	QPSK	100	0	Left Cheek	0mm	2	132322	1745	18.08	19.20	1.294	0.04	0.621	0.804
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Tilted	0mm	2	132322	1745	18.13	19.20	1.279	0.01	0.158	0.202
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Tilted	0mm	2	132322	1745	18.16	19.20	1.271	0.06	0.128	0.163
	LTE Band 66_Ant 5	20M	QPSK	1	0	Right Cheek	0mm	3	132322	1745	18.13	18.50	1.089	-0.07	0.254	0.277
	LTE Band 66_Ant 5	20M	QPSK	50	0	Right Cheek	0mm	3	132322	1745	18.16	18.50	1.081	-0.08	0.173	0.187
	LTE Band 66_Ant 5	20M	QPSK	1	0	Right Tilted	0mm	3	132322	1745	18.13	18.50	1.089	-0.08	0.111	0.121
	LTE Band 66_Ant 5	20M	QPSK	50	0	Right Tilted	0mm	3	132322	1745	18.16	18.50	1.081	0.02	0.107	0.116
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Cheek	0mm	3	132322	1745	18.13	18.50	1.089	0.15	0.659	0.718
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Cheek	0mm	3	132322	1745	18.16	18.50	1.081	0.06	0.678	0.733
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Tilted	0mm	3	132322	1745	18.13	18.50	1.089	0.01	0.158	0.172
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Tilted	0mm	3	132322	1745	18.16	18.50	1.081	0.06	0.128	0.138
	LTE Band 71_Ant 0	20M	QPSK	1	0	Right Cheek	0mm	2/3	133297	680.5	24.00	25.00	1.259	-0.13	0.172	0.217
	LTE Band 71_Ant 0	20M	QPSK	50	0	Right Cheek	0mm	2/3	133297	680.5	22.93	24.00	1.279	0.01	0.160	0.205
	LTE Band 71_Ant 0	20M	QPSK	1	0	Right Tilted	0mm	2/3	133297	680.5	24.00	25.00	1.259	0.19	0.088	0.111
	LTE Band 71_Ant 0	20M	QPSK	50	0	Right Tilted	0mm	2/3	133297	680.5	22.93	24.00	1.279	-0.08	0.075	0.096
	LTE Band 71_Ant 0	20M	QPSK	1	0	Left Cheek	0mm	2/3	133297	680.5	24.00	25.00	1.259	0.14	0.264	0.332
	LTE Band 71_Ant 0	20M	QPSK	50	0	Left Cheek	0mm	2/3	133297	680.5	22.93	24.00	1.279	-0.08	0.200	0.256
	LTE Band 71_Ant 0	20M	QPSK	1	0	Left Tilted	0mm	2/3	133297	680.5	24.00	25.00	1.259	0.01	0.103	0.130
	LTE Band 71_Ant 0	20M	QPSK	50	0	Left Tilted	0mm	2/3	133297	680.5	22.93	24.00	1.279	-0.18	0.095	0.122
16	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	2	133297	680.5	22.64	23.80	1.306	-0.01	0.703	0.918
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	2	133297	680.5	22.55	23.80	1.334	0.1	0.546	0.728
	LTE Band 71_Ant 1	20M	QPSK	100	0	Right Cheek	0mm	2	133297	680.5	22.51	23.80	1.346	-0.11	0.552	0.743
	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	2	133297	680.5	22.64	23.80	1.306	0.04	0.609	0.795
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	2	133297	680.5	22.55	23.80	1.334	0.13	0.570	0.760
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	2	133297	680.5	22.64	23.80	1.306	-0.04	0.314	0.410
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	2	133297	680.5	22.55	23.80	1.334	0.05	0.306	0.408
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	2	133297	680.5	22.64	23.80	1.306	0	0.355	0.464

	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	2	133297	680.5	22.55	23.80	1.334	0.05	0.344	0.459
	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Cheek	0mm	3	133297	680.5	22.64	23.10	1.112	-0.01	0.703	0.782
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Cheek	0mm	3	133297	680.5	22.55	23.10	1.135	0.1	0.546	0.620
	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Tilted	0mm	3	133297	680.5	22.64	23.10	1.112	0.04	0.609	0.677
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Tilted	0mm	3	133297	680.5	22.55	23.10	1.135	0.13	0.570	0.647
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Cheek	0mm	3	133297	680.5	22.64	23.10	1.112	-0.04	0.314	0.349
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Cheek	0mm	3	133297	680.5	22.55	23.10	1.135	0.05	0.306	0.347
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Tilted	0mm	3	133297	680.5	22.64	23.10	1.112	0	0.355	0.395
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Tilted	0mm	3	133297	680.5	22.55	23.10	1.135	0.05	0.344	0.390

<5G NR SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n7_Ant 2	50M	BPSK	1	1	Right Cheek	0mm	2	507000	2535	21.36	22.90	1.426	0.11	0.530	0.756
17	FR1 n7_Ant 2	50M	BPSK	135	68	Right Cheek	0mm	2	507000	2535	21.26	22.90	1.459	-0.16	0.554	0.808
	FR1 n7_Ant 2	50M	BPSK	270	0	Right Cheek	0mm	2	507000	2535	21.26	22.90	1.459	0.15	0.459	0.670
	FR1 n7_Ant 2	50M	BPSK	1	1	Right Tilted	0mm	2	507000	2535	21.36	22.90	1.426	-0.05	0.122	0.174
	FR1 n7_Ant 2	50M	BPSK	135	68	Right Tilted	0mm	2	507000	2535	21.26	22.90	1.459	-0.04	0.136	0.198
	FR1 n7_Ant 2	50M	BPSK	1	1	Left Cheek	0mm	2	507000	2535	21.36	22.90	1.426	0.08	0.180	0.257
	FR1 n7_Ant 2	50M	BPSK	135	68	Left Cheek	0mm	2	507000	2535	21.26	22.90	1.459	0.05	0.194	0.283
	FR1 n7_Ant 2	50M	BPSK	1	1	Left Tilted	0mm	2	507000	2535	21.36	22.90	1.426	0.12	0.189	0.269
	FR1 n7_Ant 2	50M	BPSK	135	68	Left Tilted	0mm	2	507000	2535	21.26	22.90	1.459	-0.1	0.202	0.295
	FR1 n7_Ant 2	50M	BPSK	1	1	Right Cheek	0mm	3	507000	2535	21.36	22.20	1.213	0.11	0.530	0.643
	FR1 n7_Ant 2	50M	BPSK	135	68	Right Cheek	0mm	3	507000	2535	21.26	22.20	1.242	-0.16	0.554	0.688
	FR1 n7_Ant 2	50M	BPSK	1	1	Right Tilted	0mm	3	507000	2535	21.36	22.20	1.213	-0.05	0.122	0.148
	FR1 n7_Ant 2	50M	BPSK	135	68	Right Tilted	0mm	3	507000	2535	21.26	22.20	1.242	-0.04	0.136	0.169
	FR1 n7_Ant 2	50M	BPSK	1	1	Left Cheek	0mm	3	507000	2535	21.36	22.20	1.213	0.08	0.180	0.218
	FR1 n7_Ant 2	50M	BPSK	135	68	Left Cheek	0mm	3	507000	2535	21.26	22.20	1.242	0.05	0.194	0.241
	FR1 n7_Ant 2	50M	BPSK	1	1	Left Tilted	0mm	3	507000	2535	21.36	22.20	1.213	0.12	0.189	0.229
	FR1 n7_Ant 2	50M	BPSK	135	68	Left Tilted	0mm	3	507000	2535	21.26	22.20	1.242	-0.1	0.202	0.251
	FR1 n7_Ant 0	50M	BPSK	1	1	Right Cheek	0mm	2/3	507000	2535	23.39	25.00	1.449	0.11	0.047	0.068
	FR1 n7_Ant 0	50M	BPSK	135	68	Right Cheek	0mm	2/3	507000	2535	23.25	25.00	1.496	-0.07	0.044	0.066
	FR1 n7_Ant 0	50M	BPSK	1	1	Right Tilted	0mm	2/3	507000	2535	23.39	25.00	1.449	0.14	0.001	0.001
	FR1 n7_Ant 0	50M	BPSK	135	68	Right Tilted	0mm	2/3	507000	2535	23.25	25.00	1.496	0.06	0.001	0.001
	FR1 n7_Ant 0	50M	BPSK	1	1	Left Cheek	0mm	2/3	507000	2535	23.39	25.00	1.449	0.02	0.169	0.245
	FR1 n7_Ant 0	50M	BPSK	135	68	Left Cheek	0mm	2/3	507000	2535	23.25	25.00	1.496	-0.03	0.153	0.229
	FR1 n7_Ant 0	50M	BPSK	1	1	Left Tilted	0mm	2/3	507000	2535	23.39	25.00	1.449	-0.14	0.015	0.022
	FR1 n7_Ant 0	50M	BPSK	135	68	Left Tilted	0mm	2/3	507000	2535	23.25	25.00	1.496	-0.07	0.023	0.034

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n12_Ant 0	15M	BPSK	1	1	Right Cheek	0mm	2/3	141500	707.5	24.35	25.00	1.161	-0.07	0.196	0.228
	FR1 n12_Ant 0	15M	BPSK	36	22	Right Cheek	0mm	2/3	141500	707.5	24.27	25.00	1.183	-0.19	0.204	0.241
	FR1 n12_Ant 0	15M	BPSK	1	1	Right Tilted	0mm	2/3	141500	707.5	24.35	25.00	1.161	-0.1	0.109	0.127
	FR1 n12_Ant 0	15M	BPSK	36	22	Right Tilted	0mm	2/3	141500	707.5	24.27	25.00	1.183	-0.12	0.120	0.142
	FR1 n12_Ant 0	15M	BPSK	1	1	Left Cheek	0mm	2/3	141500	707.5	24.35	25.00	1.161	0.01	0.250	0.290
	FR1 n12_Ant 0	15M	BPSK	36	22	Left Cheek	0mm	2/3	141500	707.5	24.27	25.00	1.183	0.11	0.230	0.272
	FR1 n12_Ant 0	15M	BPSK	1	1	Left Tilted	0mm	2/3	141500	707.5	24.35	25.00	1.161	-0.01	0.132	0.153
	FR1 n12_Ant 0	15M	BPSK	36	22	Left Tilted	0mm	2/3	141500	707.5	24.27	25.00	1.183	0.06	0.142	0.168
	FR1 n12_Ant 1	15M	BPSK	1	1	Right Cheek	0mm	2	141500	707.5	21.95	23.10	1.303	-0.12	0.685	0.893
18	FR1 n12_Ant 1	15M	BPSK	36	22	Right Cheek	0mm	2	141500	707.5	21.92	23.10	1.312	-0.15	0.699	0.917
	FR1 n12_Ant 1	15M	BPSK	75	0	Right Cheek	0mm	2	141500	707.5	21.99	23.10	1.291	0.04	0.684	0.883
	FR1 n12_Ant 1	15M	BPSK	1	1	Right Tilted	0mm	2	141500	707.5	21.95	23.10	1.303	0.18	0.469	0.611
	FR1 n12_Ant 1	15M	BPSK	36	22	Right Tilted	0mm	2	141500	707.5	21.92	23.10	1.312	0.01	0.541	0.710
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Cheek	0mm	2	141500	707.5	21.95	23.10	1.303	0.01	0.294	0.383
	FR1 n12_Ant 1	15M	BPSK	36	22	Left Cheek	0mm	2	141500	707.5	21.92	23.10	1.312	0.02	0.290	0.381
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Tilted	0mm	2	141500	707.5	21.95	23.10	1.303	0.09	0.223	0.291
	FR1 n12_Ant 1	15M	BPSK	36	22	Left Tilted	0mm	2	141500	707.5	21.92	23.10	1.312	0.01	0.253	0.332
	FR1 n12_Ant 1	15M	BPSK	1	1	Right Cheek	0mm	3	141500	707.5	21.95	22.40	1.109	-0.12	0.685	0.760
	FR1 n12_Ant 1	15M	BPSK	36	22	Right Cheek	0mm	3	141500	707.5	21.92	22.40	1.117	-0.15	0.699	0.781
	FR1 n12_Ant 1	15M	BPSK	1	1	Right Tilted	0mm	3	141500	707.5	21.95	22.40	1.109	0.18	0.469	0.520
	FR1 n12_Ant 1	15M	BPSK	36	22	Right Tilted	0mm	3	141500	707.5	21.92	22.40	1.117	0.01	0.541	0.604
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Cheek	0mm	3	141500	707.5	21.95	22.40	1.109	0.01	0.294	0.326
	FR1 n12_Ant 1	15M	BPSK	36	22	Left Cheek	0mm	3	141500	707.5	21.92	22.40	1.117	0.02	0.290	0.324
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Tilted	0mm	3	141500	707.5	21.95	22.40	1.109	0.09	0.223	0.247
	FR1 n12_Ant 1	15M	BPSK	36	22	Left Tilted	0mm	3	141500	707.5	21.92	22.40	1.117	0.01	0.253	0.283
	FR1 n14_Ant 0	10M	BPSK	1	1	Right Cheek	0mm	2/3	158600	793	24.28	25.00	1.180	-0.05	0.243	0.287
	FR1 n14_Ant 0	10M	BPSK	25	14	Right Cheek	0mm	2/3	158600	793	24.25	25.00	1.189	0.16	0.234	0.278
	FR1 n14_Ant 0	10M	BPSK	1	1	Right Tilted	0mm	2/3	158600	793	24.28	25.00	1.180	-0.06	0.179	0.211
	FR1 n14_Ant 0	10M	BPSK	25	14	Right Tilted	0mm	2/3	158600	793	24.25	25.00	1.189	0.05	0.160	0.190
	FR1 n14_Ant 0	10M	BPSK	1	1	Left Cheek	0mm	2/3	158600	793	24.28	25.00	1.180	0.03	0.292	0.345
	FR1 n14_Ant 0	10M	BPSK	25	14	Left Cheek	0mm	2/3	158600	793	24.25	25.00	1.189	-0.05	0.277	0.329
	FR1 n14_Ant 0	10M	BPSK	1	1	Left Tilted	0mm	2/3	158600	793	24.28	25.00	1.180	0.05	0.173	0.204
	FR1 n14_Ant 0	10M	BPSK	25	14	Left Tilted	0mm	2/3	158600	793	24.25	25.00	1.189	0.04	0.168	0.200
	FR1 n14_Ant 1	10M	BPSK	1	1	Right Cheek	0mm	2	158600	793	21.83	23.30	1.403	0.09	0.600	0.842
19	FR1 n14_Ant 1	10M	BPSK	25	14	Right Cheek	0mm	2	158600	793	21.80	23.30	1.413	0	0.618	0.873
	FR1 n14_Ant 1	10M	BPSK	50	0	Right Cheek	0mm	2	158600	793	21.79	23.30	1.416	-0.04	0.614	0.869
	FR1 n14_Ant 1	10M	BPSK	1	1	Right Tilted	0mm	2	158600	793	21.83	23.30	1.403	-0.04	0.454	0.637
	FR1 n14_Ant 1	10M	BPSK	25	14	Right Tilted	0mm	2	158600	793	21.80	23.30	1.413	0.02	0.502	0.709
	FR1 n14_Ant 1	10M	BPSK	1	1	Left Cheek	0mm	2	158600	793	21.83	23.30	1.403	0.02	0.444	0.623
	FR1 n14_Ant 1	10M	BPSK	25	14	Left Cheek	0mm	2	158600	793	21.80	23.30	1.413	0.02	0.452	0.638
	FR1 n14_Ant 1	10M	BPSK	1	1	Left Tilted	0mm	2	158600	793	21.83	23.30	1.403	0.09	0.326	0.457
	FR1 n14_Ant 1	10M	BPSK	25	14	Left Tilted	0mm	2	158600	793	21.80	23.30	1.413	0	0.347	0.490
	FR1 n14_Ant 1	10M	BPSK	1	1	Right Cheek	0mm	3	158600	793	21.83	22.60	1.194	0.09	0.600	0.716
	FR1 n14_Ant 1	10M	BPSK	25	14	Right Cheek	0mm	3	158600	793	21.80	22.60	1.202	0	0.618	0.743
	FR1 n14_Ant 1	10M	BPSK	1	1	Right Tilted	0mm	3	158600	793	21.83	22.60	1.194	-0.04	0.454	0.542
	FR1 n14_Ant 1	10M	BPSK	25	14	Right Tilted	0mm	3	158600	793	21.80	22.60	1.202	0.02	0.502	0.604
	FR1 n14_Ant 1	10M	BPSK	1	1	Left Cheek	0mm	3	158600	793	21.83	22.60	1.194	0.02	0.444	0.530
	FR1 n14_Ant 1	10M	BPSK	25	14	Left Cheek	0mm	3	158600	793	21.80	22.60	1.202	0.02	0.452	0.543
	FR1 n14_Ant 1	10M	BPSK	1	1	Left Tilted	0mm	3	158600	793	21.83	22.60	1.194	0.09	0.326	0.389
	FR1 n14_Ant 1	10M	BPSK	25	14	Left Tilted	0mm	3	158600	793	21.80	22.60	1.202	0	0.347	0.417

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n25_Ant 2	40M	BPSK	1	1	Right Cheek	0mm	2/3	376500	1882.5	24.03	25.00	1.250	0.14	0.540	0.675
	FR1 n25_Ant 2	40M	BPSK	108	54	Right Cheek	0mm	2/3	376500	1882.5	23.89	25.00	1.291	-0.11	0.454	0.586
	FR1 n25_Ant 2	40M	BPSK	1	1	Right Tilted	0mm	2/3	376500	1882.5	24.03	25.00	1.250	0.02	0.219	0.274
	FR1 n25_Ant 2	40M	BPSK	108	54	Right Tilted	0mm	2/3	376500	1882.5	23.89	25.00	1.291	0.02	0.241	0.311
	FR1 n25_Ant 2	40M	BPSK	1	1	Left Cheek	0mm	2/3	376500	1882.5	24.03	25.00	1.250	0.16	0.179	0.224
	FR1 n25_Ant 2	40M	BPSK	108	54	Left Cheek	0mm	2/3	376500	1882.5	23.89	25.00	1.291	-0.03	0.229	0.296
	FR1 n25_Ant 2	40M	BPSK	1	1	Left Tilted	0mm	2/3	376500	1882.5	24.03	25.00	1.250	-0.14	0.211	0.264
	FR1 n25_Ant 2	40M	BPSK	108	54	Left Tilted	0mm	2/3	376500	1882.5	23.89	25.00	1.291	0.03	0.256	0.331
	FR1 n25_Ant 0	40M	BPSK	1	1	Right Cheek	0mm	2/3	376500	1882.5	23.71	25.00	1.346	-0.08	0.002	0.003
	FR1 n25_Ant 0	40M	BPSK	108	54	Right Cheek	0mm	2/3	376500	1882.5	23.45	25.00	1.429	0.05	0.001	0.001
	FR1 n25_Ant 0	40M	BPSK	1	1	Right Tilted	0mm	2/3	376500	1882.5	23.71	25.00	1.346	0.17	0.002	0.003
	FR1 n25_Ant 0	40M	BPSK	108	54	Right Tilted	0mm	2/3	376500	1882.5	23.45	25.00	1.429	0.17	0.001	0.001
	FR1 n25_Ant 0	40M	BPSK	1	1	Left Cheek	0mm	2/3	376500	1882.5	23.71	25.00	1.346	0.01	0.081	0.109
	FR1 n25_Ant 0	40M	BPSK	108	54	Left Cheek	0mm	2/3	376500	1882.5	23.45	25.00	1.429	0.1	0.062	0.089
	FR1 n25_Ant 0	40M	BPSK	1	1	Left Tilted	0mm	2/3	376500	1882.5	23.71	25.00	1.346	0.05	0.002	0.003
	FR1 n25_Ant 0	40M	BPSK	108	54	Left Tilted	0mm	2/3	376500	1882.5	23.45	25.00	1.429	0.05	0.001	0.001
	FR1 n25_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	2	376500	1882.5	14.51	16.3	1.510	0.08	0.527	0.796
20	FR1 n25_Ant 1	40M	BPSK	108	54	Right Cheek	0mm	2	376500	1882.5	14.5	16.3	1.514	0.01	0.576	0.872
	FR1 n25_Ant 1	40M	BPSK	216	0	Right Cheek	0mm	2	376500	1882.5	14.46	16.3	1.528	0.02	0.507	0.774
	FR1 n25_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	2	376500	1882.5	14.51	16.3	1.510	-0.06	0.542	0.818
	FR1 n25_Ant 1	40M	BPSK	108	54	Right Tilted	0mm	2	376500	1882.5	14.5	16.3	1.514	0.17	0.570	0.863
	FR1 n25_Ant 1	40M	BPSK	216	0	Right Tilted	0mm	2	376500	1882.5	14.46	16.3	1.528	-0.11	0.532	0.813
	FR1 n25_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	2	376500	1882.5	14.51	16.3	1.510	-0.09	0.217	0.328
	FR1 n25_Ant 1	40M	BPSK	108	54	Left Cheek	0mm	2	376500	1882.5	14.5	16.3	1.514	-0.04	0.225	0.341
	FR1 n25_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	2	376500	1882.5	14.51	16.3	1.510	0.1	0.248	0.374
	FR1 n25_Ant 1	40M	BPSK	108	54	Left Tilted	0mm	2	376500	1882.5	14.5	16.3	1.514	-0.08	0.253	0.383
	FR1 n25_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	3	376500	1882.5	14.51	15.6	1.285	0.08	0.527	0.677
	FR1 n25_Ant 1	40M	BPSK	108	54	Right Cheek	0mm	3	376500	1882.5	14.5	15.6	1.288	0.01	0.576	0.742
	FR1 n25_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	3	376500	1882.5	14.51	15.6	1.285	-0.06	0.542	0.697
	FR1 n25_Ant 1	40M	BPSK	108	54	Right Tilted	0mm	3	376500	1882.5	14.5	15.6	1.288	0.17	0.570	0.734
	FR1 n25_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	3	376500	1882.5	14.51	15.6	1.285	-0.09	0.217	0.279
	FR1 n25_Ant 1	40M	BPSK	108	54	Left Cheek	0mm	3	376500	1882.5	14.5	15.6	1.288	-0.04	0.225	0.290
	FR1 n25_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	3	376500	1882.5	14.51	15.6	1.285	0.1	0.248	0.319
	FR1 n25_Ant 1	40M	BPSK	108	54	Left Tilted	0mm	3	376500	1882.5	14.5	15.6	1.288	-0.08	0.253	0.326
	FR1 n25_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	2	376500	1882.5	18.29	20.00	1.483	-0.17	0.318	0.471
	FR1 n25_Ant 5	40M	BPSK	108	54	Right Cheek	0mm	2	376500	1882.5	18.30	20.00	1.479	-0.02	0.320	0.473
	FR1 n25_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	2	376500	1882.5	18.29	20.00	1.483	-0.06	0.110	0.163
	FR1 n25_Ant 5	40M	BPSK	108	54	Right Tilted	0mm	2	376500	1882.5	18.30	20.00	1.479	-0.05	0.131	0.194
	FR1 n25_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	2	376500	1882.5	18.29	20.00	1.483	0.04	0.482	0.715
	FR1 n25_Ant 5	40M	BPSK	108	54	Left Cheek	0mm	2	376500	1882.5	18.30	20.00	1.479	0.09	0.492	0.728
	FR1 n25_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	2	376500	1882.5	18.29	20.00	1.483	-0.01	0.148	0.219
	FR1 n25_Ant 5	40M	BPSK	108	54	Left Tilted	0mm	2	376500	1882.5	18.30	20.00	1.479	0.1	0.192	0.284
	FR1 n25_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	3	376500	1882.5	18.29	19.30	1.262	-0.17	0.318	0.401
	FR1 n25_Ant 5	40M	BPSK	108	54	Right Cheek	0mm	3	376500	1882.5	18.30	19.30	1.259	-0.02	0.320	0.403
	FR1 n25_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	3	376500	1882.5	18.29	19.30	1.262	-0.06	0.110	0.139
	FR1 n25_Ant 5	40M	BPSK	108	54	Right Tilted	0mm	3	376500	1882.5	18.30	19.30	1.259	-0.05	0.131	0.165
	FR1 n25_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	3	376500	1882.5	18.29	19.30	1.262	0.04	0.482	0.608
	FR1 n25_Ant 5	40M	BPSK	108	54	Left Cheek	0mm	3	376500	1882.5	18.30	19.30	1.259	0.09	0.492	0.619
	FR1 n25_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	3	376500	1882.5	18.29	19.30	1.262	-0.01	0.148	0.187
	FR1 n25_Ant 5	40M	BPSK	108	54	Left Tilted	0mm	3	376500	1882.5	18.30	19.30	1.259	0.1	0.192	0.242

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n26_Ant 0	20M	BPSK	1	1	Right Cheek	0mm	2/3	166300	831.5	24.28	25.00	1.180	-0.17	0.209	0.247
	FR1 n26_Ant 0	20M	BPSK	50	28	Right Cheek	0mm	2/3	166300	831.5	24.20	25.00	1.202	0.11	0.226	0.272
	FR1 n26_Ant 0	20M	BPSK	1	1	Right Tilted	0mm	2/3	166300	831.5	24.28	25.00	1.180	-0.1	0.121	0.143
	FR1 n26_Ant 0	20M	BPSK	50	28	Right Tilted	0mm	2/3	166300	831.5	24.20	25.00	1.202	-0.04	0.124	0.149
	FR1 n26_Ant 0	20M	BPSK	1	1	Left Cheek	0mm	2/3	166300	831.5	24.28	25.00	1.180	0.02	0.325	0.384
	FR1 n26_Ant 0	20M	BPSK	50	28	Left Cheek	0mm	2/3	166300	831.5	24.20	25.00	1.202	-0.08	0.296	0.356
	FR1 n26_Ant 0	20M	BPSK	1	1	Left Tilted	0mm	2/3	166300	831.5	24.28	25.00	1.180	-0.03	0.136	0.161
	FR1 n26_Ant 0	20M	BPSK	50	28	Left Tilted	0mm	2/3	166300	831.5	24.20	25.00	1.202	-0.07	0.139	0.167
	FR1 n26_Ant 1	20M	BPSK	1	1	Right Cheek	0mm	2	166300	831.5	21.06	22.50	1.393	0.09	0.622	0.867
21	FR1 n26_Ant 1	20M	BPSK	50	28	Right Cheek	0mm	2	166300	831.5	21.09	22.50	1.384	-0.08	0.665	0.920
	FR1 n26_Ant 1	20M	BPSK	100	0	Right Cheek	0mm	2	166300	831.5	21.12	22.50	1.374	0.02	0.651	0.895
	FR1 n26_Ant 1	20M	BPSK	1	1	Right Tilted	0mm	2	166300	831.5	21.06	22.50	1.393	0.02	0.446	0.621
	FR1 n26_Ant 1	20M	BPSK	50	28	Right Tilted	0mm	2	166300	831.5	21.09	22.50	1.384	0	0.477	0.660
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Cheek	0mm	2	166300	831.5	21.06	22.50	1.393	-0.02	0.364	0.507
	FR1 n26_Ant 1	20M	BPSK	50	28	Left Cheek	0mm	2	166300	831.5	21.09	22.50	1.384	0.09	0.362	0.501
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Tilted	0mm	2	166300	831.5	21.06	22.50	1.393	0.03	0.316	0.440
	FR1 n26_Ant 1	20M	BPSK	50	28	Left Tilted	0mm	2	166300	831.5	21.09	22.50	1.384	0	0.332	0.459
	FR1 n26_Ant 1	20M	BPSK	1	1	Right Cheek	0mm	3	166300	831.5	21.06	21.80	1.186	0.09	0.622	0.738
	FR1 n26_Ant 1	20M	BPSK	50	28	Right Cheek	0mm	3	166300	831.5	21.09	21.80	1.178	-0.08	0.665	0.783
	FR1 n26_Ant 1	20M	BPSK	1	1	Right Tilted	0mm	3	166300	831.5	21.06	21.80	1.186	0.02	0.446	0.529
	FR1 n26_Ant 1	20M	BPSK	50	28	Right Tilted	0mm	3	166300	831.5	21.09	21.80	1.178	0	0.477	0.562
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Cheek	0mm	3	166300	831.5	21.06	21.80	1.186	-0.02	0.364	0.432
	FR1 n26_Ant 1	20M	BPSK	50	28	Left Cheek	0mm	3	166300	831.5	21.09	21.80	1.178	0.09	0.362	0.426
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Tilted	0mm	3	166300	831.5	21.06	21.80	1.186	0.03	0.316	0.375
	FR1 n26_Ant 1	20M	BPSK	50	28	Left Tilted	0mm	3	166300	831.5	21.09	21.80	1.178	0	0.332	0.391
22	FR1 n30_Ant 2	10M	BPSK	1	1	Right Cheek	0mm	2/3	462000	2310	23.79	24.60	1.205	-0.13	0.569	0.686
	FR1 n30_Ant 2	10M	BPSK	25	14	Right Cheek	0mm	2/3	462000	2310	23.70	24.60	1.230	0.11	0.554	0.682
	FR1 n30_Ant 2	10M	BPSK	1	1	Right Tilted	0mm	2/3	462000	2310	23.79	24.60	1.205	0	0.208	0.251
	FR1 n30_Ant 2	10M	BPSK	25	14	Right Tilted	0mm	2/3	462000	2310	23.70	24.60	1.230	-0.08	0.189	0.233
	FR1 n30_Ant 2	10M	BPSK	1	1	Left Cheek	0mm	2/3	462000	2310	23.79	24.60	1.205	0.16	0.282	0.340
	FR1 n30_Ant 2	10M	BPSK	25	14	Left Cheek	0mm	2/3	462000	2310	23.70	24.60	1.230	0.14	0.274	0.337
	FR1 n30_Ant 2	10M	BPSK	1	1	Left Tilted	0mm	2/3	462000	2310	23.79	24.60	1.205	0.1	0.263	0.317
	FR1 n30_Ant 2	10M	BPSK	25	14	Left Tilted	0mm	2/3	462000	2310	23.70	24.60	1.230	-0.06	0.255	0.314
	FR1 n30_Ant 0	10M	BPSK	1	1	Right Cheek	0mm	2/3	462000	2310	23.35	24.60	1.334	-0.18	0.094	0.125
	FR1 n30_Ant 0	10M	BPSK	25	14	Right Cheek	0mm	2/3	462000	2310	23.27	24.60	1.358	0.11	0.091	0.124
	FR1 n30_Ant 0	10M	BPSK	1	1	Right Tilted	0mm	2/3	462000	2310	23.35	24.60	1.334	-0.14	0.032	0.043
	FR1 n30_Ant 0	10M	BPSK	25	14	Right Tilted	0mm	2/3	462000	2310	23.27	24.60	1.358	-0.08	0.028	0.038
	FR1 n30_Ant 0	10M	BPSK	1	1	Left Cheek	0mm	2/3	462000	2310	23.35	24.60	1.334	0.01	0.058	0.077
	FR1 n30_Ant 0	10M	BPSK	25	14	Left Cheek	0mm	2/3	462000	2310	23.27	24.60	1.358	-0.06	0.052	0.071
	FR1 n30_Ant 0	10M	BPSK	1	1	Left Tilted	0mm	2/3	462000	2310	23.35	24.60	1.334	-0.09	0.045	0.060
	FR1 n30_Ant 0	10M	BPSK	25	14	Left Tilted	0mm	2/3	462000	2310	23.27	24.60	1.358	0.14	0.041	0.056
	FR1 n38_Ant 0	40M	BPSK	1	1	Right Cheek	0mm	2/3	519000	2595	23.38	25.00	1.452	-0.01	0.036	0.052
	FR1 n38_Ant 0	40M	BPSK	50	28	Right Cheek	0mm	2/3	519000	2595	23.21	25.00	1.510	0.09	0.033	0.050
	FR1 n38_Ant 0	40M	BPSK	1	1	Right Tilted	0mm	2/3	519000	2595	23.38	25.00	1.452	0.02	0.019	0.028
	FR1 n38_Ant 0	40M	BPSK	50	28	Right Tilted	0mm	2/3	519000	2595	23.21	25.00	1.510	0.01	0.017	0.026
23	FR1 n38_Ant 0	40M	BPSK	1	1	Left Cheek	0mm	2/3	519000	2595	23.38	25.00	1.452	0.02	0.101	0.147
	FR1 n38_Ant 0	40M	BPSK	50	28	Left Cheek	0mm	2/3	519000	2595	23.21	25.00	1.510	0.06	0.090	0.136
	FR1 n38_Ant 0	40M	BPSK	1	1	Left Tilted	0mm	2/3	519000	2595	23.38	25.00	1.452	0.05	0.034	0.049
	FR1 n38_Ant 0	40M	BPSK	50	28	Left Tilted	0mm	2/3	519000	2595	23.21	25.00	1.510	-0.01	0.024	0.036

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	2	518598	2592.99	21.90	23.30	1.380	0.07	0.587	0.810
	FR1 n41_Ant 2	100M	BPSK	135	69	Right Cheek	0mm	2	518598	2592.99	21.70	23.30	1.445	0.07	0.547	0.791
	FR1 n41_Ant 2	100M	BPSK	270	0	Right Cheek	0mm	2	518598	2592.99	21.73	23.30	1.435	-0.11	0.559	0.802
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Tilted	0mm	2	518598	2592.99	21.90	23.30	1.380	-0.09	0.137	0.189
	FR1 n41_Ant 2	100M	BPSK	135	69	Right Tilted	0mm	2	518598	2592.99	21.70	23.30	1.445	0	0.145	0.210
	FR1 n41_Ant 2	100M	BPSK	1	1	Left Cheek	0mm	2	518598	2592.99	21.90	23.30	1.380	0.01	0.229	0.316
	FR1 n41_Ant 2	100M	BPSK	135	69	Left Cheek	0mm	2	518598	2592.99	21.70	23.30	1.445	0.14	0.240	0.347
	FR1 n41_Ant 2	100M	BPSK	1	1	Left Tilted	0mm	2	518598	2592.99	21.90	23.30	1.380	-0.16	0.161	0.222
	FR1 n41_Ant 2	100M	BPSK	135	69	Left Tilted	0mm	2	518598	2592.99	21.70	23.30	1.445	0.03	0.187	0.270
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	2	518598	2592.99	24.99	26.30	1.352	-0.06	0.578	0.781
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	3	518598	2592.99	21.90	22.60	1.175	0.07	0.587	0.690
	FR1 n41_Ant 2	100M	BPSK	135	69	Right Cheek	0mm	3	518598	2592.99	21.70	22.60	1.230	0.07	0.547	0.673
	FR1 n41_Ant 2	100M	BPSK	270	0	Right Cheek	0mm	3	518598	2592.99	21.73	22.60	1.222	-0.11	0.559	0.683
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Tilted	0mm	3	518598	2592.99	21.90	22.60	1.175	-0.09	0.137	0.161
	FR1 n41_Ant 2	100M	BPSK	135	69	Right Tilted	0mm	3	518598	2592.99	21.70	22.60	1.230	0	0.145	0.178
	FR1 n41_Ant 2	100M	BPSK	1	1	Left Cheek	0mm	3	518598	2592.99	21.90	22.60	1.175	0.01	0.229	0.269
	FR1 n41_Ant 2	100M	BPSK	135	69	Left Cheek	0mm	3	518598	2592.99	21.70	22.60	1.230	0.14	0.240	0.295
	FR1 n41_Ant 2	100M	BPSK	1	1	Left Tilted	0mm	3	518598	2592.99	21.90	22.60	1.175	-0.16	0.161	0.189
	FR1 n41_Ant 2	100M	BPSK	135	69	Left Tilted	0mm	3	518598	2592.99	21.70	22.60	1.230	0.03	0.187	0.230
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Right Cheek	0mm	3	518598	2592.99	24.99	25.60	1.151	-0.06	0.578	0.665
	FR1 n41_Ant 0	100M	BPSK	1	1	Right Cheek	0mm	2/3	518598	2592.99	23.61	24.50	1.227	-0.14	0.085	0.104
	FR1 n41_Ant 0	100M	BPSK	135	69	Right Cheek	0mm	2/3	518598	2592.99	23.20	24.50	1.349	0.17	0.077	0.104
	FR1 n41_Ant 0	100M	BPSK	1	1	Right Tilted	0mm	2/3	518598	2592.99	23.61	24.50	1.227	-0.13	0.031	0.038
	FR1 n41_Ant 0	100M	BPSK	135	69	Right Tilted	0mm	2/3	518598	2592.99	23.20	24.50	1.349	-0.1	0.028	0.038
	FR1 n41_Ant 0	100M	BPSK	1	1	Left Cheek	0mm	2/3	518598	2592.99	23.61	24.50	1.227	-0.03	0.197	0.242
	FR1 n41_Ant 0	100M	BPSK	135	69	Left Cheek	0mm	2/3	518598	2592.99	23.20	24.50	1.349	0.13	0.177	0.239
	FR1 n41_Ant 0	100M	BPSK	1	1	Left Tilted	0mm	2/3	518598	2592.99	23.61	24.50	1.227	0.12	0.043	0.053
	FR1 n41_Ant 0	100M	BPSK	135	69	Left Tilted	0mm	2/3	518598	2592.99	23.20	24.50	1.349	-0.09	0.031	0.042
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Left Cheek	0mm	2/3	518598	2592.99	25.70	26.40	1.175	-0.11	0.146	0.172
24	FR1 n41_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	2	518598	2592.99	17.22	18.2	1.253	-0.09	0.734	0.920
	FR1 n41_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	2	518598	2592.99	17.2	18.2	1.259	0.12	0.637	0.802
	FR1 n41_Ant 1	100M	BPSK	270	0	Right Cheek	0mm	2	518598	2592.99	17.05	18.2	1.303	0.06	0.654	0.852
	FR1 n41_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	2	518598	2592.99	17.22	18.2	1.253	0.07	0.466	0.584
	FR1 n41_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	2	518598	2592.99	17.2	18.2	1.259	-0.01	0.431	0.543
	FR1 n41_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	2	518598	2592.99	17.22	18.2	1.253	0.05	0.188	0.236
	FR1 n41_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	2	518598	2592.99	17.2	18.2	1.259	0.03	0.153	0.193
	FR1 n41_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	2	518598	2592.99	17.22	18.2	1.253	0	0.233	0.292
	FR1 n41_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	2	518598	2592.99	17.2	18.2	1.259	-0.11	0.183	0.230
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	2	518598	2592.99	20.19	21.2	1.262	0.07	0.727	0.917
	FR1 n41_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	3	518598	2592.99	17.22	17.5	1.067	-0.09	0.734	0.783
	FR1 n41_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	3	518598	2592.99	17.2	17.5	1.072	0.12	0.637	0.683
	FR1 n41_Ant 1	100M	BPSK	270	0	Right Cheek	0mm	3	518598	2592.99	17.05	17.5	1.109	0.06	0.654	0.725
	FR1 n41_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	3	518598	2592.99	17.22	17.5	1.067	0.07	0.466	0.497
	FR1 n41_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	3	518598	2592.99	17.2	17.5	1.072	-0.01	0.431	0.462
	FR1 n41_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	3	518598	2592.99	17.22	17.5	1.067	0.05	0.188	0.201
	FR1 n41_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	3	518598	2592.99	17.2	17.5	1.072	0.03	0.153	0.164
	FR1 n41_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	3	518598	2592.99	17.22	17.5	1.067	0	0.233	0.249
	FR1 n41_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	3	518598	2592.99	17.2	17.5	1.072	-0.11	0.183	0.196
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	3	518598	2592.99	20.19	20.5	1.074	0.07	0.727	0.781
	FR1 n41_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	2	518598	2592.99	17.00	18.40	1.380	-0.17	0.204	0.282
	FR1 n41_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	2	518598	2592.99	16.82	18.40	1.439	0.13	0.148	0.213
	FR1 n41_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	2	518598	2592.99	17.00	18.40	1.380	-0.14	0.067	0.092
	FR1 n41_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	2	518598	2592.99	16.82	18.40	1.439	-0.19	0.054	0.078
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	2	518598	2592.99	17.00	18.40	1.380	-0.15	0.606	0.837
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	2	518598	2592.99	16.82	18.40	1.439	-0.12	0.497	0.715
	FR1 n41_Ant 5	100M	BPSK	270	0	Left Cheek	0mm	2	518598	2592.99	16.85	18.40	1.429	-0.09	0.522	0.746
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	2	518598	2592.99	17.00	18.40	1.380	0.09	0.097	0.134
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	2	518598	2592.99	16.82	18.40	1.439	-0.09	0.075	0.108
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	2	518598	2592.99	20.00	21.40	1.380	-0.18	0.551	0.761

	FR1 n41_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	3	518598	2592.99	17.00	17.70	1.175	-0.17	0.204	0.240
	FR1 n41_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	3	518598	2592.99	16.82	17.70	1.225	0.13	0.148	0.181
	FR1 n41_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	3	518598	2592.99	17.00	17.70	1.175	-0.14	0.067	0.079
	FR1 n41_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	3	518598	2592.99	16.82	17.70	1.225	-0.19	0.054	0.066
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	3	518598	2592.99	17.00	17.70	1.175	-0.15	0.606	0.712
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	3	518598	2592.99	16.82	17.70	1.225	-0.12	0.497	0.609
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	3	518598	2592.99	17.00	17.70	1.175	0.09	0.097	0.114
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	3	518598	2592.99	16.82	17.70	1.225	-0.09	0.075	0.092
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	3	518598	2592.99	20.00	20.70	1.175	-0.18	0.551	0.647

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n48_Ant 6	40M	BPSK	1	104	Right Cheek	0mm	2/3	641666	3624.99	20.20	20.50	1.072	-0.16	0.100	0.107
	FR1 n48_Ant 6	20M	BPSK	1	49	Right Cheek	0mm	2/3	641666	3624.99	22.87	23.00	1.030	0.01	0.211	0.217
	FR1 n48_Ant 6	40M	BPSK	50	25	Right Cheek	0mm	2/3	641666	3624.99	22.74	23.00	1.062	0.1	0.216	0.229
	FR1 n48_Ant 6	40M	BPSK	1	104	Right Tilted	0mm	2/3	641666	3624.99	20.20	20.50	1.072	0.18	0.133	0.143
	FR1 n48_Ant 6	20M	BPSK	1	49	Right Tilted	0mm	2/3	641666	3624.99	22.87	23.00	1.030	0	0.287	0.296
	FR1 n48_Ant 6	40M	BPSK	50	25	Right Tilted	0mm	2/3	641666	3624.99	22.74	23.00	1.062	0.13	0.297	0.315
	FR1 n48_Ant 6	40M	BPSK	1	104	Left Cheek	0mm	2/3	641666	3624.99	20.20	20.50	1.072	0.15	0.101	0.108
	FR1 n48_Ant 6	20M	BPSK	1	49	Left Cheek	0mm	2/3	641666	3624.99	22.87	23.00	1.030	0.03	0.215	0.222
	FR1 n48_Ant 6	40M	BPSK	50	25	Left Cheek	0mm	2/3	641666	3624.99	22.74	23.00	1.062	0.05	0.218	0.231
	FR1 n48_Ant 6	40M	BPSK	1	104	Left Tilted	0mm	2/3	641666	3624.99	20.20	20.50	1.072	-0.01	0.064	0.069
	FR1 n48_Ant 6	20M	BPSK	1	49	Left Tilted	0mm	2/3	641666	3624.99	22.87	23.00	1.030	-0.16	0.135	0.139
	FR1 n48_Ant 6	40M	BPSK	50	25	Left Tilted	0mm	2/3	641666	3624.99	22.74	23.00	1.062	-0.13	0.136	0.144
	FR1 n48_Ant 7	40M	BPSK	1	105	Right Cheek	0mm	2/3	641666	3624.99	18.95	19.00	1.012	-0.07	0.106	0.107
	FR1 n48_Ant 7	20M	BPSK	1	49	Right Cheek	0mm	2/3	641666	3624.99	21.74	23.00	1.337	0.15	0.200	0.267
	FR1 n48_Ant 7	40M	BPSK	50	25	Right Cheek	0mm	2/3	641666	3624.99	21.68	23.00	1.355	-0.04	0.239	0.324
	FR1 n48_Ant 7	40M	BPSK	1	105	Right Tilted	0mm	2/3	641666	3624.99	18.95	19.00	1.012	-0.06	0.044	0.045
	FR1 n48_Ant 7	20M	BPSK	1	49	Right Tilted	0mm	2/3	641666	3624.99	21.74	23.00	1.337	-0.15	0.081	0.108
	FR1 n48_Ant 7	40M	BPSK	50	25	Right Tilted	0mm	2/3	641666	3624.99	21.68	23.00	1.355	-0.02	0.088	0.119
	FR1 n48_Ant 7	40M	BPSK	1	105	Left Cheek	0mm	2/3	641666	3624.99	18.95	19.00	1.012	-0.18	0.064	0.065
	FR1 n48_Ant 7	20M	BPSK	1	49	Left Cheek	0mm	2/3	641666	3624.99	21.74	23.00	1.337	0.06	0.131	0.175
	FR1 n48_Ant 7	40M	BPSK	50	25	Left Cheek	0mm	2/3	641666	3624.99	21.68	23.00	1.355	0.16	0.132	0.179
	FR1 n48_Ant 7	40M	BPSK	1	105	Left Tilted	0mm	2/3	641666	3624.99	18.95	19.00	1.012	-0.03	0.070	0.071
	FR1 n48_Ant 7	20M	BPSK	1	49	Left Tilted	0mm	2/3	641666	3624.99	21.74	23.00	1.337	-0.15	0.128	0.171
	FR1 n48_Ant 7	40M	BPSK	50	25	Left Tilted	0mm	2/3	641666	3624.99	21.68	23.00	1.355	-0.03	0.134	0.182
	FR1 n48_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	2	641666	3560.005	16.80	18.20	1.380	-0.02	0.309	0.427
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Cheek	0mm	2	641666	3624.99	16.82	18.20	1.374	0.02	0.284	0.390
	FR1 n48_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	2	641666	3624.99	16.80	18.20	1.380	0.07	0.427	0.589
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Tilted	0mm	2	641666	3624.99	16.82	18.20	1.374	-0.04	0.350	0.481
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	2	641666	3624.99	16.80	18.20	1.380	0.19	0.510	0.704
	FR1 n48_Ant 1	40M	BPSK	1	104	Left Cheek	0mm	2	638000	3570	13.45	13.50	1.012	0.09	0.230	0.233
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	2	645332	3679.98	13.26	13.50	1.057	-0.14	0.158	0.167
	FR1 n48_Ant 1	20M	BPSK	1	49	Left Cheek	0mm	2	637334	3560.01	16.68	18.20	1.419	0.06	0.251	0.356
	FR1 n48_Ant 1	20M	BPSK	1	1	Left Cheek	0mm	2	646000	3690	16.99	18.20	1.321	-0.15	0.566	0.748
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Cheek	0mm	2	641666	3624.985	16.82	18.20	1.374	0.03	0.553	0.760
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Cheek	0mm	2	638000	3570	13.45	13.50	1.012	-0.03	0.251	0.254
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Cheek	0mm	2	645332	3679.98	13.18	13.50	1.076	0.16	0.135	0.145
	FR1 n48_Ant 1	40M	BPSK	100	0	Left Cheek	0mm	2	641666	3624.99	16.80	18.20	1.380	0.18	0.521	0.719
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	2	641666	3624.99	16.80	18.20	1.380	0.13	0.541	0.747
	FR1 n48_Ant 1	40M	BPSK	1	104	Left Tilted	0mm	2	638000	3570	13.45	13.50	1.012	-0.06	0.212	0.214
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	2	645332	3679.98	13.26	13.50	1.057	0.16	0.115	0.122
	FR1 n48_Ant 1	20M	BPSK	1	49	Left Tilted	0mm	2	637334	3560.01	16.68	18.20	1.419	-0.17	0.182	0.258
	FR1 n48_Ant 1	20M	BPSK	1	1	Left Tilted	0mm	2	646000	3689.995	16.99	18.20	1.321	0.16	0.616	0.814
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Tilted	0mm	2	641666	3624.99	16.82	18.20	1.374	0.17	0.541	0.743
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Tilted	0mm	2	638000	3570	13.45	13.50	1.012	0.02	0.276	0.279
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Tilted	0mm	2	645332	3679.98	13.18	13.50	1.076	-0.09	0.111	0.119
	FR1 n48_Ant 1	40M	BPSK	100	0	Left Tilted	0mm	2	641666	3624.99	16.80	18.20	1.380	-0.19	0.569	0.785
	FR1 n48_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	3	641666	3560.005	16.80	17.50	1.175	-0.02	0.309	0.363
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Cheek	0mm	3	641666	3624.99	16.82	17.50	1.169	0.02	0.284	0.332

	FR1 n48_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	3	641666	3624.99	16.80	17.50	1.175	0.07	0.427	0.502
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Tilted	0mm	3	641666	3624.99	16.82	17.50	1.169	-0.04	0.350	0.409
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	3	641666	3624.99	16.80	17.50	1.175	0.19	0.510	0.599
	FR1 n48_Ant 1	40M	BPSK	1	104	Left Cheek	0mm	3	638000	3570	13.45	13.50	1.012	0.09	0.230	0.233
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	3	645332	3679.98	13.26	13.50	1.057	-0.14	0.158	0.167
	FR1 n48_Ant 1	20M	BPSK	1	49	Left Cheek	0mm	3	637334	3560.01	16.68	17.50	1.208	0.06	0.251	0.303
	FR1 n48_Ant 1	20M	BPSK	1	1	Left Cheek	0mm	3	646000	3690	16.99	17.50	1.125	-0.15	0.566	0.637
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Cheek	0mm	3	641666	3624.985	16.82	17.50	1.169	0.03	0.553	0.647
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Cheek	0mm	3	638000	3570	13.45	13.50	1.012	-0.03	0.251	0.254
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Cheek	0mm	3	645332	3679.98	13.18	13.50	1.076	0.16	0.135	0.145
	FR1 n48_Ant 1	40M	BPSK	100	0	Left Cheek	0mm	3	641666	3624.99	16.80	17.50	1.175	0.18	0.521	0.612
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	3	641666	3624.99	16.80	17.50	1.175	0.13	0.541	0.636
	FR1 n48_Ant 1	40M	BPSK	1	104	Left Tilted	0mm	3	638000	3570	13.45	13.50	1.012	-0.06	0.212	0.214
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	3	645332	3679.98	13.26	13.50	1.057	0.16	0.115	0.122
	FR1 n48_Ant 1	20M	BPSK	1	49	Left Tilted	0mm	3	637334	3560.01	16.68	17.50	1.208	-0.17	0.182	0.220
	FR1 n48_Ant 1	20M	BPSK	1	1	Left Tilted	0mm	3	646000	3689.995	16.99	17.50	1.125	0.16	0.616	0.693
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Tilted	0mm	3	641666	3624.99	16.82	17.50	1.169	0.17	0.541	0.633
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Tilted	0mm	3	638000	3570	13.45	13.50	1.012	0.02	0.276	0.279
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Tilted	0mm	3	645332	3679.98	13.18	13.50	1.076	-0.09	0.111	0.119
	FR1 n48_Ant 1	40M	BPSK	100	0	Left Tilted	0mm	3	641666	3624.99	16.80	17.50	1.175	-0.19	0.569	0.669
	FR1 n48_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	2	641666	3624.99	17.22	18.10	1.225	-0.18	0.189	0.231
	FR1 n48_Ant 5	40M	BPSK	50	25	Right Cheek	0mm	2	641666	3624.99	17.32	18.10	1.197	-0.07	0.201	0.241
	FR1 n48_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	2	641666	3624.99	17.22	18.10	1.225	-0.08	0.221	0.271
	FR1 n48_Ant 5	40M	BPSK	50	25	Right Tilted	0mm	2	641666	3624.99	17.32	18.10	1.197	0.04	0.230	0.275
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	2	641666	3624.99	17.22	18.10	1.225	-0.14	0.697	0.854
	FR1 n48_Ant 5	40M	BPSK	1	104	Left Cheek	0mm	2	638000	3570	13.33	13.50	1.040	-0.06	0.273	0.284
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	2	645332	3679.98	13.00	13.00	1.000	-0.18	0.190	0.190
25	FR1 n48_Ant 5	20M	BPSK	1	1	Left Cheek	0mm	2	637334	3560.01	17.12	18.10	1.253	-0.04	0.684	0.857
	FR1 n48_Ant 5	20M	BPSK	1	1	Left Cheek	0mm	2	646000	3690	17.40	18.10	1.175	0.02	0.582	0.684
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Cheek	0mm	2	641666	3624.99	17.32	18.10	1.197	0.04	0.632	0.756
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Cheek	0mm	2	638000	3570	13.24	13.50	1.062	0.17	0.281	0.298
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Cheek	0mm	2	645332	3679.98	12.86	13.00	1.033	0.03	0.160	0.165
	FR1 n48_Ant 5	40M	BPSK	100	0	Left Cheek	0mm	2	641666	3624.99	17.32	18.10	1.197	0.04	0.629	0.753
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	2	641666	3624.99	17.22	18.10	1.225	0.15	0.389	0.476
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Tilted	0mm	2	641666	3624.99	17.32	18.10	1.197	0.04	0.525	0.628
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Tilted	0mm	2	638000	3570	13.24	13.50	1.062	0	0.182	0.193
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Tilted	0mm	2	645332	3679.98	12.86	13.00	1.033	-0.05	0.114	0.118
	FR1 n48_Ant 5	40M	BPSK	100	0	Left Tilted	0mm	2	641666	3624.99	17.32	18.10	1.197	0.08	0.425	0.509
	FR1 n48_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	3	641666	3624.99	17.22	17.40	1.042	-0.18	0.189	0.197
	FR1 n48_Ant 5	40M	BPSK	50	25	Right Cheek	0mm	3	641666	3624.99	17.32	17.40	1.019	-0.07	0.201	0.205
	FR1 n48_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	3	641666	3624.99	17.22	17.40	1.042	-0.08	0.221	0.230
	FR1 n48_Ant 5	40M	BPSK	50	25	Right Tilted	0mm	3	641666	3624.99	17.32	17.40	1.019	0.04	0.230	0.234
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	3	641666	3624.99	17.22	17.40	1.042	-0.14	0.697	0.726
	FR1 n48_Ant 5	40M	BPSK	1	104	Left Cheek	0mm	3	638000	3570	13.33	13.50	1.040	-0.06	0.273	0.284
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	3	645332	3679.98	13.00	13.00	1.000	-0.18	0.190	0.190
	FR1 n48_Ant 5	20M	BPSK	1	1	Left Cheek	0mm	3	637334	3560.01	17.12	17.40	1.067	-0.04	0.684	0.730
	FR1 n48_Ant 5	20M	BPSK	1	1	Left Cheek	0mm	3	646000	3690	17.40	17.40	1.000	0.02	0.582	0.582
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Cheek	0mm	3	641666	3624.99	17.32	17.40	1.019	0.04	0.632	0.644
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Cheek	0mm	3	638000	3570	13.24	13.50	1.062	0.17	0.281	0.298
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Cheek	0mm	3	645332	3679.98	12.86	13.00	1.033	0.03	0.160	0.165
	FR1 n48_Ant 5	40M	BPSK	100	0	Left Cheek	0mm	3	641666	3624.99	17.32	17.40	1.019	0.04	0.629	0.641
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	3	641666	3624.99	17.22	17.40	1.042	0.15	0.389	0.405
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Tilted	0mm	3	641666	3624.99	17.32	17.40	1.019	0.04	0.525	0.535
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Tilted	0mm	3	638000	3570	13.24	13.50	1.062	0	0.182	0.193
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Tilted	0mm	3	645332	3679.98	12.86	13.00	1.033	-0.05	0.114	0.118
	FR1 n48_Ant 5	40M	BPSK	100	0	Left Tilted	0mm	3	641666	3624.99	17.32	17.40	1.019	0.08	0.425	0.433

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n66_Ant 2	40M	BPSK	1	1	Right Cheek	0mm	2/3	349000	1745	24.10	25.00	1.230	0.01	0.364	0.448
	FR1 n66_Ant 2	40M	BPSK	108	54	Right Cheek	0mm	2/3	349000	1745	23.84	25.00	1.306	0.18	0.427	0.558
	FR1 n66_Ant 2	40M	BPSK	1	1	Right Tilted	0mm	2/3	349000	1745	24.10	25.00	1.230	0.16	0.175	0.215
	FR1 n66_Ant 2	40M	BPSK	108	54	Right Tilted	0mm	2/3	349000	1745	23.84	25.00	1.306	-0.11	0.201	0.263
	FR1 n66_Ant 2	40M	BPSK	1	1	Left Cheek	0mm	2/3	349000	1745	24.10	25.00	1.230	-0.07	0.156	0.192
	FR1 n66_Ant 2	40M	BPSK	108	54	Left Cheek	0mm	2/3	349000	1745	23.84	25.00	1.306	0.05	0.172	0.225
	FR1 n66_Ant 2	40M	BPSK	1	1	Left Tilted	0mm	2/3	349000	1745	24.10	25.00	1.230	-0.04	0.165	0.203
	FR1 n66_Ant 2	40M	BPSK	108	54	Left Tilted	0mm	2/3	349000	1745	23.84	25.00	1.306	0.02	0.181	0.236
	FR1 n66_Ant 0	40M	BPSK	1	108	Right Cheek	0mm	2/3	349000	1745	23.88	25.00	1.294	-0.13	0.068	0.088
	FR1 n66_Ant 0	40M	BPSK	108	54	Right Cheek	0mm	2/3	349000	1745	23.57	25.00	1.390	0.11	0.059	0.082
	FR1 n66_Ant 0	40M	BPSK	1	108	Right Tilted	0mm	2/3	349000	1745	23.88	25.00	1.294	0.16	0.056	0.072
	FR1 n66_Ant 0	40M	BPSK	108	54	Right Tilted	0mm	2/3	349000	1745	23.57	25.00	1.390	-0.09	0.061	0.085
	FR1 n66_Ant 0	40M	BPSK	1	108	Left Cheek	0mm	2/3	349000	1745	23.88	25.00	1.294	-0.07	0.101	0.131
	FR1 n66_Ant 0	40M	BPSK	108	54	Left Cheek	0mm	2/3	349000	1745	23.57	25.00	1.390	0.1	0.105	0.146
	FR1 n66_Ant 0	40M	BPSK	1	108	Left Tilted	0mm	2/3	349000	1745	23.88	25.00	1.294	-0.04	0.062	0.080
	FR1 n66_Ant 0	40M	BPSK	108	54	Left Tilted	0mm	2/3	349000	1745	23.57	25.00	1.390	-0.03	0.068	0.095
	FR1 n66_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	2	349000	1745	15.69	17.3	1.449	-0.06	0.484	0.701
	FR1 n66_Ant 1	40M	BPSK	108	54	Right Cheek	0mm	2	349000	1745	15.67	17.3	1.455	0.01	0.581	0.846
	FR1 n66_Ant 1	40M	BPSK	216	0	Right Cheek	0mm	2	349000	1745	15.66	17.3	1.459	0.02	0.575	0.839
	FR1 n66_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	2	349000	1745	15.69	17.3	1.449	-0.04	0.487	0.706
	FR1 n66_Ant 1	40M	BPSK	108	54	Right Tilted	0mm	2	349000	1745	15.67	17.3	1.455	-0.03	0.546	0.795
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	2	349000	1745	15.69	17.3	1.449	-0.13	0.202	0.293
	FR1 n66_Ant 1	40M	BPSK	108	54	Left Cheek	0mm	2	349000	1745	15.67	17.3	1.455	-0.04	0.248	0.361
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	2	349000	1745	15.69	17.3	1.449	0.02	0.288	0.417
	FR1 n66_Ant 1	40M	BPSK	108	54	Left Tilted	0mm	2	349000	1745	15.67	17.3	1.455	-0.01	0.328	0.477
	FR1 n66_Ant 1	40M	BPSK	1	1	Right Cheek	0mm	3	349000	1745	15.69	16.6	1.233	-0.06	0.484	0.597
	FR1 n66_Ant 1	40M	BPSK	108	54	Right Cheek	0mm	3	349000	1745	15.67	16.6	1.239	0.01	0.581	0.720
	FR1 n66_Ant 1	40M	BPSK	1	1	Right Tilted	0mm	3	349000	1745	15.69	16.6	1.233	-0.04	0.487	0.601
	FR1 n66_Ant 1	40M	BPSK	108	54	Right Tilted	0mm	3	349000	1745	15.67	16.6	1.239	-0.03	0.546	0.676
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Cheek	0mm	3	349000	1745	15.69	16.6	1.233	-0.13	0.202	0.249
	FR1 n66_Ant 1	40M	BPSK	108	54	Left Cheek	0mm	3	349000	1745	15.67	16.6	1.239	-0.04	0.248	0.307
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Tilted	0mm	3	349000	1745	15.69	16.6	1.233	0.02	0.288	0.355
	FR1 n66_Ant 1	40M	BPSK	108	54	Left Tilted	0mm	3	349000	1745	15.67	16.6	1.239	-0.01	0.328	0.406
	FR1 n66_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	2	349000	1745	18.92	19.80	1.225	0.02	0.361	0.442
	FR1 n66_Ant 5	40M	BPSK	108	54	Right Cheek	0mm	2	349000	1745	18.95	19.80	1.216	0.07	0.365	0.444
	FR1 n66_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	2	349000	1745	18.92	19.80	1.225	0.18	0.110	0.135
	FR1 n66_Ant 5	40M	BPSK	108	54	Right Tilted	0mm	2	349000	1745	18.95	19.80	1.216	0	0.129	0.157
	FR1 n66_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	2	349000	1745	18.92	19.80	1.225	0.02	0.638	0.781
26	FR1 n66_Ant 5	40M	BPSK	108	54	Left Cheek	0mm	2	349000	1745	18.95	19.80	1.216	0.06	0.710	0.863
	FR1 n66_Ant 5	40M	BPSK	216	0	Left Cheek	0mm	2	349000	1745	18.92	19.80	1.225	0.01	0.691	0.846
	FR1 n66_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	2	349000	1745	18.92	19.80	1.225	-0.12	0.126	0.154
	FR1 n66_Ant 5	40M	BPSK	108	54	Left Tilted	0mm	2	349000	1745	18.95	19.80	1.216	0.04	0.171	0.208
	FR1 n66_Ant 5	40M	BPSK	1	1	Right Cheek	0mm	3	349000	1745	18.92	19.10	1.042	0.02	0.361	0.376
	FR1 n66_Ant 5	40M	BPSK	108	54	Right Cheek	0mm	3	349000	1745	18.95	19.10	1.035	0.07	0.365	0.378
	FR1 n66_Ant 5	40M	BPSK	1	1	Right Tilted	0mm	3	349000	1745	18.92	19.10	1.042	0.18	0.110	0.115
	FR1 n66_Ant 5	40M	BPSK	108	54	Right Tilted	0mm	3	349000	1745	18.95	19.10	1.035	0	0.129	0.134
	FR1 n66_Ant 5	40M	BPSK	1	1	Left Cheek	0mm	3	349000	1745	18.92	19.10	1.042	0.02	0.638	0.665
	FR1 n66_Ant 5	40M	BPSK	108	54	Left Cheek	0mm	3	349000	1745	18.95	19.10	1.035	0.06	0.710	0.735
	FR1 n66_Ant 5	40M	BPSK	216	0	Left Cheek	0mm	3	349000	1745	18.92	19.10	1.042	0.01	0.691	0.720
	FR1 n66_Ant 5	40M	BPSK	1	1	Left Tilted	0mm	3	349000	1745	18.92	19.10	1.042	-0.12	0.126	0.131
	FR1 n66_Ant 5	40M	BPSK	108	54	Left Tilted	0mm	3	349000	1745	18.95	19.10	1.035	0.04	0.171	0.177

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
27	FR1 n70_Ant 2	15M	BPSK	1	1	Right Cheek	0mm	2/3	340500	1702.5	24.05	24.70	1.161	0.12	0.342	0.397
	FR1 n70_Ant 2	15M	BPSK	36	22	Right Cheek	0mm	2/3	340500	1702.5	24.03	24.70	1.167	0.08	0.330	0.385
	FR1 n70_Ant 2	15M	BPSK	1	1	Right Tilted	0mm	2/3	340500	1702.5	24.05	24.70	1.161	-0.14	0.170	0.197
	FR1 n70_Ant 2	15M	BPSK	36	22	Right Tilted	0mm	2/3	340500	1702.5	24.03	24.70	1.167	-0.02	0.167	0.195
	FR1 n70_Ant 2	15M	BPSK	1	1	Left Cheek	0mm	2/3	340500	1702.5	24.05	24.70	1.161	-0.06	0.138	0.160
	FR1 n70_Ant 2	15M	BPSK	36	22	Left Cheek	0mm	2/3	340500	1702.5	24.03	24.70	1.167	0.04	0.133	0.155
	FR1 n70_Ant 2	15M	BPSK	1	1	Left Tilted	0mm	2/3	340500	1702.5	24.05	24.70	1.161	-0.04	0.158	0.184
	FR1 n70_Ant 2	15M	BPSK	36	22	Left Tilted	0mm	2/3	340500	1702.5	24.03	24.70	1.167	-0.12	0.152	0.177
	FR1 n70_Ant 0	15M	BPSK	1	1	Right Cheek	0mm	2/3	340500	1702.5	23.36	24.70	1.361	-0.1	0.069	0.094
	FR1 n70_Ant 0	15M	BPSK	36	22	Right Cheek	0mm	2/3	340500	1702.5	23.35	24.70	1.365	0.14	0.063	0.086
	FR1 n70_Ant 0	15M	BPSK	1	1	Right Tilted	0mm	2/3	340500	1702.5	23.36	24.70	1.361	-0.02	0.062	0.084
	FR1 n70_Ant 0	15M	BPSK	36	22	Right Tilted	0mm	2/3	340500	1702.5	23.35	24.70	1.365	-0.12	0.055	0.075
	FR1 n70_Ant 0	15M	BPSK	1	1	Left Cheek	0mm	2/3	340500	1702.5	23.36	24.70	1.361	-0.12	0.131	0.178
	FR1 n70_Ant 0	15M	BPSK	36	22	Left Cheek	0mm	2/3	340500	1702.5	23.35	24.70	1.365	-0.09	0.122	0.166
	FR1 n70_Ant 0	15M	BPSK	1	1	Left Tilted	0mm	2/3	340500	1702.5	23.36	24.70	1.361	-0.01	0.069	0.094
	FR1 n70_Ant 0	15M	BPSK	36	22	Left Tilted	0mm	2/3	340500	1702.5	23.35	24.70	1.365	0.04	0.063	0.086
	FR1 n71_Ant 0	20M	BPSK	1	1	Right Cheek	0mm	2/3	136100	680.5	24.51	25.00	1.119	0.05	0.204	0.228
	FR1 n71_Ant 0	20M	BPSK	50	28	Right Cheek	0mm	2/3	136100	680.5	24.46	25.00	1.132	-0.06	0.231	0.262
	FR1 n71_Ant 0	20M	BPSK	1	1	Right Tilted	0mm	2/3	136100	680.5	24.51	25.00	1.119	0.09	0.093	0.104
	FR1 n71_Ant 0	20M	BPSK	50	28	Right Tilted	0mm	2/3	136100	680.5	24.46	25.00	1.132	0.03	0.133	0.151
	FR1 n71_Ant 0	20M	BPSK	1	1	Left Cheek	0mm	2/3	136100	680.5	24.51	25.00	1.119	-0.18	0.209	0.234
	FR1 n71_Ant 0	20M	BPSK	50	28	Left Cheek	0mm	2/3	136100	680.5	24.46	25.00	1.132	0.01	0.241	0.273
	FR1 n71_Ant 0	20M	BPSK	1	1	Left Tilted	0mm	2/3	136100	680.5	24.51	25.00	1.119	-0.19	0.098	0.110
	FR1 n71_Ant 0	20M	BPSK	50	28	Left Tilted	0mm	2/3	136100	680.5	24.46	25.00	1.132	0	0.127	0.144
	FR1 n71_Ant 1	20M	BPSK	1	1	Right Cheek	0mm	2	136100	680.5	22.60	23.30	1.175	0.13	0.782	0.919
28	FR1 n71_Ant 1	20M	BPSK	50	28	Right Cheek	0mm	2	136100	680.5	22.60	23.30	1.175	0.15	0.785	0.922
	FR1 n71_Ant 1	20M	BPSK	100	0	Right Cheek	0mm	2	136100	680.5	22.60	23.30	1.175	0.02	0.774	0.909
	FR1 n71_Ant 1	20M	BPSK	1	1	Right Tilted	0mm	2	136100	680.5	22.60	23.30	1.175	0.18	0.588	0.691
	FR1 n71_Ant 1	20M	BPSK	50	28	Right Tilted	0mm	2	136100	680.5	22.60	23.30	1.175	0.02	0.592	0.696
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Cheek	0mm	2	136100	680.5	22.60	23.30	1.175	0.01	0.311	0.365
	FR1 n71_Ant 1	20M	BPSK	50	28	Left Cheek	0mm	2	136100	680.5	22.60	23.30	1.175	0	0.318	0.374
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Tilted	0mm	2	136100	680.5	22.60	23.30	1.175	-0.02	0.302	0.355
	FR1 n71_Ant 1	20M	BPSK	50	28	Left Tilted	0mm	2	136100	680.5	22.60	23.30	1.175	0.01	0.306	0.360
	FR1 n71_Ant 1	20M	BPSK	1	1	Right Cheek	0mm	3	136100	680.5	22.60	22.60	1.000	0.13	0.782	0.782
	FR1 n71_Ant 1	20M	BPSK	50	28	Right Cheek	0mm	3	136100	680.5	22.60	22.60	1.000	0.15	0.785	0.785
	FR1 n71_Ant 1	20M	BPSK	1	1	Right Tilted	0mm	3	136100	680.5	22.60	22.60	1.000	0.18	0.588	0.588
	FR1 n71_Ant 1	20M	BPSK	50	28	Right Tilted	0mm	3	136100	680.5	22.60	22.60	1.000	0.02	0.592	0.592
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Cheek	0mm	3	136100	680.5	22.60	22.60	1.000	0.01	0.311	0.311
	FR1 n71_Ant 1	20M	BPSK	50	28	Left Cheek	0mm	3	136100	680.5	22.60	22.60	1.000	0	0.318	0.318
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Tilted	0mm	3	136100	680.5	22.60	22.60	1.000	-0.02	0.302	0.302
	FR1 n71_Ant 1	20M	BPSK	50	28	Left Tilted	0mm	3	136100	680.5	22.60	22.60	1.000	0.01	0.306	0.306

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Cheek	0mm	2/3	656000	3840	24.25	25.00	1.189	-0.19	0.215	0.256
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Cheek	0mm	2/3	656000	3840	23.89	25.00	1.291	-0.1	0.196	0.253
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Tilted	0mm	2/3	656000	3840	24.25	25.00	1.189	0.05	0.318	0.378
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Tilted	0mm	2/3	656000	3840	23.89	25.00	1.291	-0.18	0.284	0.367
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	2/3	656000	3840	24.25	25.00	1.189	0.09	0.457	0.543
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Cheek	0mm	2/3	656000	3840	23.89	25.00	1.291	0.04	0.407	0.526
	FR1 n77_Ant 6	100M	BPSK	270	0	Left Cheek	0mm	2/3	656000	3840	23.45	24.50	1.274	0.19	0.344	0.438
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Tilted	0mm	2/3	656000	3840	24.25	25.00	1.189	0.08	0.209	0.248
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Tilted	0mm	2/3	656000	3840	23.89	25.00	1.291	-0.05	0.187	0.241
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	2/3	656000	3840	26.32	27.10	1.197	0.15	0.280	0.335
	FR1 n77_Ant 7	100M	BPSK	1	137	Right Cheek	0mm	2/3	656000	3840	23.62	24.40	1.197	-0.07	0.257	0.308
	FR1 n77_Ant 7	100M	BPSK	135	69	Right Cheek	0mm	2/3	656000	3840	23.57	24.40	1.211	-0.09	0.236	0.286
	FR1 n77_Ant 7	100M	BPSK	1	137	Right Tilted	0mm	2/3	656000	3840	23.62	24.40	1.197	0.02	0.086	0.103
	FR1 n77_Ant 7	100M	BPSK	135	69	Right Tilted	0mm	2/3	656000	3840	23.57	24.40	1.211	0.08	0.082	0.099
	FR1 n77_Ant 7	100M	BPSK	1	137	Left Cheek	0mm	2/3	656000	3840	23.62	24.40	1.197	0.08	0.118	0.141
	FR1 n77_Ant 7	100M	BPSK	135	69	Left Cheek	0mm	2/3	656000	3840	23.57	24.40	1.211	0.13	0.100	0.121
	FR1 n77_Ant 7	100M	BPSK	1	137	Left Tilted	0mm	2/3	656000	3840	23.62	24.40	1.197	0.06	0.118	0.141
	FR1 n77_Ant 7	100M	BPSK	135	69	Left Tilted	0mm	2/3	656000	3840	23.57	24.40	1.211	-0.12	0.116	0.140
	FR1 n77_HPUE_Ant 7	100M	BPSK	1	137	Right Cheek	0mm	2/3	656000	3840	25.67	26.50	1.211	-0.15	0.158	0.191
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	2	656000	3840	15.96	16.7	1.186	0.1	0.577	0.684
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	2	656000	3840	15.95	16.7	1.189	0.06	0.653	0.776
	FR1 n77_Ant 1	100M	BPSK	270	0	Right Cheek	0mm	2	656000	3840	15.89	16.7	1.205	0.11	0.600	0.723
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	2	656000	3840	15.96	16.7	1.186	-0.1	0.473	0.561
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	2	656000	3840	15.95	16.7	1.189	0.1	0.486	0.578
	FR1 n77_Ant 1	100M	BPSK	270	0	Right Tilted	0mm	2	656000	3840	15.89	16.7	1.205	0.02	0.477	0.575
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	2	656000	3840	15.96	16.7	1.186	-0.05	0.302	0.358
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	2	656000	3840	15.95	16.7	1.189	-0.01	0.318	0.378
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	2	656000	3840	15.96	16.7	1.186	0.12	0.296	0.351
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	2	656000	3840	15.95	16.7	1.189	-0.05	0.290	0.345
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	2	656000	3840	18.96	19.9	1.242	0.02	0.621	0.771
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	3	656000	3840	15.96	16	1.009	0.1	0.577	0.582
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	3	656000	3840	15.95	16	1.012	0.06	0.653	0.661
	FR1 n77_Ant 1	100M	BPSK	270	0	Right Cheek	0mm	3	656000	3840	15.89	16	1.026	0.11	0.600	0.615
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	3	656000	3840	15.96	16	1.009	-0.1	0.473	0.477
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	3	656000	3840	15.95	16	1.012	0.1	0.486	0.492
	FR1 n77_Ant 1	100M	BPSK	270	0	Right Tilted	0mm	3	656000	3840	15.89	16	1.026	0.02	0.477	0.489
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	3	656000	3840	15.96	16	1.009	-0.05	0.302	0.305
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	3	656000	3840	15.95	16	1.012	-0.01	0.318	0.322
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	3	656000	3840	15.96	16	1.009	0.12	0.296	0.299
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	3	656000	3840	15.95	16	1.012	-0.05	0.290	0.293
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	3	656000	3840	18.96	19.2	1.057	0.02	0.621	0.656
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	2	656000	3840	18.55	19.40	1.216	-0.05	0.210	0.255
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	2	656000	3840	18.50	19.40	1.230	0.04	0.137	0.169
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	2	656000	3840	18.55	19.40	1.216	0.01	0.223	0.271
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	2	656000	3840	18.50	19.40	1.230	0.19	0.181	0.223
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	2	656000	3840	18.55	19.40	1.216	0.13	0.676	0.822
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	2	656000	3840	18.50	19.40	1.230	0.08	0.695	0.855
	FR1 n77_Ant 5	100M	BPSK	270	0	Left Cheek	0mm	2	656000	3840	18.36	19.40	1.271	0.14	0.563	0.715
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	2	656000	3840	18.55	19.40	1.216	0	0.557	0.677
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	2	656000	3840	18.50	19.40	1.230	-0.11	0.334	0.411
	FR1 n77_Ant 5	100M	BPSK	270	0	Left Tilted	0mm	2	656000	3840	18.36	19.40	1.271	0.12	0.317	0.403
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	2	656000	3840	21.57	22.60	1.268	0.15	0.637	0.807
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	3	656000	3840	18.55	18.70	1.035	-0.05	0.210	0.217
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	3	656000	3840	18.50	18.70	1.047	0.04	0.137	0.143
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	3	656000	3840	18.55	18.70	1.035	0.01	0.223	0.231
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	3	656000	3840	18.50	18.70	1.047	0.19	0.181	0.190
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	3	656000	3840	18.55	18.70	1.035	0.13	0.676	0.700
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	3	656000	3840	18.50	18.70	1.047	0.08	0.695	0.728
	FR1 n77_Ant 5	100M	BPSK	270	0	Left Cheek	0mm	3	656000	3840	18.36	18.70	1.081	0.14	0.563	0.609
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	3	656000	3840	18.55	18.70	1.035	0	0.557	0.577

	FR1 n77_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	3	656000	3840	18.50	18.70	1.047	-0.11	0.334	0.350
	FR1 n77_Ant 5	100M	BPSK	270	0	Left Tilted	0mm	3	656000	3840	18.36	18.70	1.081	0.12	0.317	0.343
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	3	656000	3840	21.57	21.90	1.079	0.15	0.637	0.687
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Cheek	0mm	2/3	633332	3499.98	24.20	25.00	1.202	0.04	0.204	0.245
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Cheek	0mm	2/3	633332	3499.98	23.83	25.00	1.309	-0.14	0.186	0.244
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Tilted	0mm	2/3	633332	3499.98	24.20	25.00	1.202	0.09	0.302	0.363
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Tilted	0mm	2/3	633332	3499.98	23.83	25.00	1.309	0.03	0.286	0.374
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	2/3	633332	3499.98	24.20	25.00	1.202	-0.01	0.493	0.593
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Cheek	0mm	2/3	633332	3499.98	23.83	25.00	1.309	0.07	0.449	0.588
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Tilted	0mm	2/3	633332	3499.98	24.20	25.00	1.202	-0.12	0.173	0.208
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Tilted	0mm	2/3	633332	3499.98	23.83	25.00	1.309	0.02	0.168	0.220
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Left Cheek	0mm	2/3	633332	3499.98	26.24	27.10	1.219	0.11	0.367	0.447
	FR1 n77_Ant 7	100M	BPSK	1	137	Right Cheek	0mm	2/3	633332	3499.98	23.62	24.40	1.197	-0.04	0.104	0.124
	FR1 n77_Ant 7	100M	BPSK	135	69	Right Cheek	0mm	2/3	633332	3499.98	23.57	24.40	1.211	0.03	0.088	0.107
	FR1 n77_Ant 7	100M	BPSK	1	137	Right Tilted	0mm	2/3	633332	3499.98	23.62	24.40	1.197	0.09	0.026	0.031
	FR1 n77_Ant 7	100M	BPSK	135	69	Right Tilted	0mm	2/3	633332	3499.98	23.57	24.40	1.211	0.01	0.027	0.033
	FR1 n77_Ant 7	100M	BPSK	1	137	Left Cheek	0mm	2/3	633332	3499.98	23.62	24.40	1.197	-0.02	0.058	0.069
	FR1 n77_Ant 7	100M	BPSK	135	69	Left Cheek	0mm	2/3	633332	3499.98	23.57	24.40	1.211	-0.17	0.053	0.064
	FR1 n77_Ant 7	100M	BPSK	1	137	Left Tilted	0mm	2/3	633332	3499.98	23.62	24.40	1.197	0.04	0.050	0.060
	FR1 n77_Ant 7	100M	BPSK	135	69	Left Tilted	0mm	2/3	633332	3499.98	23.57	24.40	1.211	-0.02	0.049	0.059
	FR1 n77_HPUE_Ant 7	100M	BPSK	1	137	Right Cheek	0mm	2/3	633332	3499.98	25.59	26.50	1.233	0.06	0.058	0.072
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	2	633332	3499.98	15.95	16.7	1.189	-0.08	0.588	0.699
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	2	633332	3499.98	15.81	16.7	1.227	-0.12	0.537	0.659
	FR1 n77_Ant 1	100M	BPSK	270	0	Right Cheek	0mm	2	633332	3499.98	15.8	16.7	1.230	0.14	0.525	0.646
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	2	633332	3499.98	15.95	16.7	1.189	0.05	0.612	0.727
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	2	633332	3499.98	15.81	16.7	1.227	-0.14	0.412	0.506
	FR1 n77_Ant 1	100M	BPSK	270	0	Right Tilted	0mm	2	633332	3499.98	15.8	16.7	1.230	-0.18	0.386	0.475
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	2	633332	3499.98	15.95	16.7	1.189	-0.06	0.560	0.666
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	2	633332	3499.98	15.81	16.7	1.227	0	0.607	0.745
29	FR1 n77_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	2	633332	3499.98	15.95	16.7	1.189	0.13	0.830	0.986
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	2	633332	3499.98	15.81	16.7	1.227	-0.09	0.772	0.948
	FR1 n77_Ant 1	100M	BPSK	270	0	Left Tilted	0mm	2	633332	3499.98	15.8	16.7	1.230	0.15	0.794	0.977
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	2	633332	3499.98	19.09	19.9	1.205	0.11	0.774	0.933
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Cheek	0mm	3	633332	3499.98	15.95	16	1.012	-0.08	0.588	0.595
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Cheek	0mm	3	633332	3499.98	15.81	16	1.045	-0.12	0.537	0.561
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Tilted	0mm	3	633332	3499.98	15.95	16	1.012	0.05	0.612	0.619
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Tilted	0mm	3	633332	3499.98	15.81	16	1.045	-0.14	0.412	0.430
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Cheek	0mm	3	633332	3499.98	15.95	16	1.012	-0.06	0.560	0.566
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Cheek	0mm	3	633332	3499.98	15.81	16	1.045	0	0.607	0.634
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	3	633332	3499.98	15.95	16	1.012	0.13	0.830	0.840
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Tilted	0mm	3	633332	3499.98	15.81	16	1.045	-0.09	0.772	0.807
	FR1 n77_Ant 1	100M	BPSK	270	0	Left Tilted	0mm	3	633332	3499.98	15.8	16	1.047	0.15	0.794	0.831
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	3	633332	3499.98	19.09	19.2	1.026	0.11	0.774	0.794
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	2	633332	3499.98	18.70	19.40	1.175	-0.03	0.392	0.461
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	2	633332	3499.98	18.45	19.40	1.245	0.15	0.364	0.453
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	2	633332	3499.98	18.70	19.40	1.175	0.13	0.399	0.469
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	2	633332	3499.98	18.45	19.40	1.245	0.16	0.330	0.411
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	2	633332	3499.98	18.70	19.40	1.175	0.04	0.727	0.854
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	2	633332	3499.98	18.45	19.40	1.245	0.03	0.685	0.852
	FR1 n77_Ant 5	100M	BPSK	270	0	Left Cheek	0mm	2	633332	3499.98	18.49	19.40	1.233	0.05	0.679	0.837
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	2	633332	3499.98	18.70	19.40	1.175	-0.01	0.483	0.567
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	2	633332	3499.98	18.45	19.40	1.245	-0.19	0.387	0.482
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	2	633332	3499.98	21.90	22.60	1.175	-0.08	0.715	0.840
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Cheek	0mm	3	633332	3499.98	18.70	18.70	1.000	-0.03	0.392	0.392
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Cheek	0mm	3	633332	3499.98	18.45	18.70	1.059	0.15	0.364	0.386
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Tilted	0mm	3	633332	3499.98	18.70	18.70	1.000	0.13	0.399	0.399
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Tilted	0mm	3	633332	3499.98	18.45	18.70	1.059	0.16	0.330	0.350
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	3	633332	3499.98	18.70	18.70	1.000	0.04	0.727	0.727
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Cheek	0mm	3	633332	3499.98	18.45	18.70	1.059	0.03	0.685	0.726
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Tilted	0mm	3	633332	3499.98	18.70	18.70	1.000	-0.01	0.483	0.483
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Tilted	0mm	3	633332	3499.98	18.45	18.70	1.059	-0.19	0.387	0.410
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Left Cheek	0mm	3	633332	3499.98	21.90	21.90	1.000	-0.08	0.715	0.715

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
30	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	1	11	2462	17.45	19.00	1.429	100.00	1.000	0.05	0.781	1.116
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	1	1	2412	17.35	19.00	1.462	100.00	1.000	-0.02	0.480	0.702
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	1	6	2437	17.35	19.00	1.462	100.00	1.000	0.07	0.569	0.832
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	1	12	2467	17.05	19.00	1.567	100.00	1.000	0.12	0.585	0.917
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	1	13	2472	17.35	19.00	1.462	100.00	1.000	0.09	0.605	0.885
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	1	11	2462	17.45	19.00	1.429	100.00	1.000	0.01	0.154	0.220
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	1	11	2462	17.45	19.00	1.429	100.00	1.000	-0.06	0.514	0.734
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	1	11	2462	17.45	19.00	1.429	100.00	1.000	-0.12	0.118	0.169
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	1	11	2462	17.38	19.00	1.452	100.00	1.000	0.06	0.386	0.561
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	1	11	2462	17.38	19.00	1.452	100.00	1.000	0.12	0.225	0.327
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	1	11	2462	17.38	19.00	1.452	100.00	1.000	0.04	0.764	1.109
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	1	1	2412	17.38	19.00	1.452	100.00	1.000	-0.06	0.552	0.802
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	1	6	2437	17.28	19.00	1.486	100.00	1.000	0	0.633	0.941
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	1	12	2467	17.28	19.00	1.486	100.00	1.000	0.01	0.625	0.929
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	1	13	2472	17.38	19.00	1.452	100.00	1.000	-0.1	0.679	0.986
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	1	11	2462	17.38	19.00	1.452	100.00	1.000	-0.11	0.337	0.489
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(3)	1	1	2412	18.15	19.00	1.216	100.00	1.000	0.02	0.508	0.618
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(4)	1	1	2412	18.18	19.00	1.208	100.00	1.000	0.02	0.328	0.396
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(3)	1	1	2412	18.15	19.00	1.216	100.00	1.000	0.03	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(4)	1	1	2412	18.18	19.00	1.208	100.00	1.000	0.03	0.304	0.367
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(3)	1	1	2412	18.15	19.00	1.216	100.00	1.000	0.02	0.382	0.465
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(4)	1	1	2412	18.18	19.00	1.208	100.00	1.000	0.02	0.776	0.937
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(3)	1	6	2437	17.85	19.00	1.303	100.00	1.000	0.01	0.385	0.502
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(4)	1	6	2437	18.08	19.00	1.236	100.00	1.000	0.01	0.769	0.950
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(3)	1	11	2462	17.35	17.50	1.035	100.00	1.000	0.09	0.390	0.404
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(4)	1	11	2462	17.28	17.50	1.052	100.00	1.000	0.09	0.649	0.683
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(3)	1	1	2412	18.15	19.00	1.216	100.00	1.000	0.03	0.063	0.077
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(4)	1	1	2412	18.18	19.00	1.208	100.00	1.000	0.03	0.394	0.476
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	2	11	2462	17.45	18.00	1.135	100.00	1.000	0.05	0.781	0.886
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	2	1	2412	17.35	18.00	1.161	100.00	1.000	-0.02	0.480	0.557
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	2	6	2437	17.35	18.00	1.161	100.00	1.000	0.07	0.569	0.661
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	2	12	2467	17.05	18.00	1.245	100.00	1.000	0.12	0.585	0.728
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	2	13	2472	17.35	18.00	1.161	100.00	1.000	0.09	0.605	0.703
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	2	11	2462	17.45	18.00	1.135	100.00	1.000	0.01	0.154	0.175
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	2	11	2462	17.45	18.00	1.135	100.00	1.000	-0.06	0.514	0.583
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	2	11	2462	17.45	18.00	1.135	100.00	1.000	-0.12	0.118	0.134
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	2	11	2462	17.38	18.00	1.153	100.00	1.000	0.06	0.386	0.445
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	2	11	2462	17.38	18.00	1.153	100.00	1.000	0.12	0.225	0.260
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	2	11	2462	17.38	18.00	1.153	100.00	1.000	0.04	0.764	0.881
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	2	1	2412	17.38	18.00	1.153	100.00	1.000	-0.06	0.552	0.637
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	2	6	2437	17.28	18.00	1.180	100.00	1.000	0	0.633	0.747
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	2	12	2467	17.28	18.00	1.180	100.00	1.000	0.01	0.625	0.738
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	2	13	2472	17.38	18.00	1.153	100.00	1.000	-0.1	0.679	0.783
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	2	11	2462	17.38	18.00	1.153	100.00	1.000	-0.11	0.337	0.389
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(3)	2	1	2412	16.95	18.00	1.274	100.00	1.000	-0.03	0.518	0.660
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(4)	2	1	2412	17.38	18.00	1.153	100.00	1.000	-0.03	0.228	0.263
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(3)	2	1	2412	16.95	18.00	1.274	100.00	1.000	0.08	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(4)	2	1	2412	17.38	18.00	1.153	100.00	1.000	0.08	0.211	0.243
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(3)	2	1	2412	16.95	18.00	1.274	100.00	1.000	-0.12	0.415	0.529
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(4)	2	1	2412	17.38	18.00	1.153	100.00	1.000	-0.12	0.506	0.584
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(3)	2	1	2412	16.95	18.00	1.274	100.00	1.000	0	0.051	0.065
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(4)	2	1	2412	17.38	18.00	1.153	100.00	1.000	0	0.332	0.383
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	3	1	2412	12.95	14.50	1.429	100.00	1.000	-0.19	0.228	0.326
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	3	1	2412	12.95	14.50	1.429	100.00	1.000	-0.06	0.046	0.066
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	3	1	2412	12.95	14.50	1.429	100.00	1.000	-0.15	0.158	0.226
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	3	1	2412	12.95	14.50	1.429	100.00	1.000	-0.05	0.031	0.044
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	3	12	2467	13.18	14.50	1.355	100.00	1.000	0.14	0.147	0.199

	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	3	12	2467	13.18	14.50	1.355	100.00	1.000	-0.13	0.053	0.072
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	3	12	2467	13.18	14.50	1.355	100.00	1.000	-0.13	0.211	0.286
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	3	12	2467	13.18	14.50	1.355	100.00	1.000	-0.13	0.131	0.178
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(3)	3	12	2467	12.97	14.50	1.422	100.00	1.000	0.12	0.269	0.383
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(4)	3	12	2467	13.58	14.50	1.236	100.00	1.000	0.12	0.144	0.178
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(3)	3	12	2467	12.97	14.50	1.422	100.00	1.000	0.04	0.126	0.179
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(4)	3	12	2467	13.58	14.50	1.236	100.00	1.000	0.04	0.023	0.028
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(3)	3	12	2467	12.97	14.50	1.422	100.00	1.000	-0.18	0.245	0.348
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(4)	3	12	2467	13.58	14.50	1.236	100.00	1.000	-0.18	0.221	0.273
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(3)	3	12	2467	12.97	14.50	1.422	100.00	1.000	-0.09	0.035	0.050
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(4)	3	12	2467	13.58	14.50	1.236	100.00	1.000	-0.09	0.144	0.178
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	4	1	2412	12.05	12.50	1.109	100.00	1.000	-0.19	0.185	0.205
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	4	1	2412	12.05	12.50	1.109	100.00	1.000	-0.06	0.037	0.041
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	4	1	2412	12.05	12.50	1.109	100.00	1.000	-0.15	0.128	0.142
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	4	1	2412	12.05	12.50	1.109	100.00	1.000	-0.05	0.025	0.028
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 4	4	12	2467	12.48	12.50	1.005	100.00	1.000	0.14	0.125	0.126
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 4	4	12	2467	12.48	12.50	1.005	100.00	1.000	-0.13	0.045	0.045
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 4	4	12	2467	12.48	12.50	1.005	100.00	1.000	-0.13	0.179	0.180
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 4	4	12	2467	12.48	12.50	1.005	100.00	1.000	-0.13	0.111	0.112
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(3)	4	12	2467	12.25	12.50	1.059	100.00	1.000	0.12	0.212	0.225
	WLAN2.4GHz	802.11g 6Mbps	Right Cheek	0mm	Ant 3+4(4)	4	12	2467	12.38	12.50	1.028	100.00	1.000	0.12	0.109	0.112
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(3)	4	12	2467	12.25	12.50	1.059	100.00	1.000	0.04	0.099	0.105
	WLAN2.4GHz	802.11g 6Mbps	Right Tilted	0mm	Ant 3+4(4)	4	12	2467	12.38	12.50	1.028	100.00	1.000	0.04	0.017	0.017
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(3)	4	12	2467	12.25	12.50	1.059	100.00	1.000	-0.18	0.194	0.205
	WLAN2.4GHz	802.11g 6Mbps	Left Cheek	0mm	Ant 3+4(4)	4	12	2467	12.38	12.50	1.028	100.00	1.000	-0.18	0.167	0.172
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(3)	4	12	2467	12.25	12.50	1.059	100.00	1.000	-0.09	0.027	0.029
	WLAN2.4GHz	802.11g 6Mbps	Left Tilted	0mm	Ant 3+4(4)	4	12	2467	12.38	12.50	1.028	100.00	1.000	-0.09	0.109	0.112

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
31	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	46	5230	15.85	17.00	1.303	99.13	1.009	0	0.721	0.948
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	46	5230	15.28	17.00	1.486	99.13	1.009	0	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	38	5190	12.25	12.50	1.059	99.13	1.009	-0.01	0.210	0.224
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	38	5190	11.78	12.50	1.180	99.13	1.009	-0.01	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right Cheek	0mm	Ant 3+4(3)	1	36	5180	15.95	17.00	1.274	100.00	1.000	-0.03	0.491	0.625
	WLAN5GHz	802.11a 6Mbps	Right Cheek	0mm	Ant 3+4(4)	1	36	5180	15.48	17.00	1.419	100.00	1.000	-0.03	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 3+4(3)	1	46	5230	15.85	17.00	1.303	99.13	1.009	0.05	0.392	0.515
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 3+4(4)	1	46	5230	15.28	17.00	1.486	99.13	1.009	0.05	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(3)	1	46	5230	15.85	17.00	1.303	99.13	1.009	-0.07	0.091	0.120
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(4)	1	46	5230	15.28	17.00	1.486	99.13	1.009	-0.07	0.270	0.405
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(3)	1	46	5230	15.85	17.00	1.303	99.13	1.009	-0.09	0.012	0.016
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(4)	1	46	5230	15.28	17.00	1.486	99.13	1.009	-0.09	0.294	0.441
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(3)	2	54	5270	14.05	14.50	1.109	99.13	1.009	-0.17	0.589	0.659
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(4)	2	54	5270	13.38	14.50	1.294	99.13	1.009	-0.17	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 3+4(3)	2	54	5270	14.05	14.50	1.109	99.13	1.009	-0.05	0.394	0.441
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 3+4(4)	2	54	5270	13.38	14.50	1.294	99.13	1.009	-0.05	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(3)	2	54	5270	14.05	14.50	1.109	99.13	1.009	0.02	0.046	0.051
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(4)	2	54	5270	13.38	14.50	1.294	99.13	1.009	0.02	0.485	0.633
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(3)	2	54	5270	14.05	14.50	1.109	99.13	1.009	-0.05	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(4)	2	54	5270	13.38	14.50	1.294	99.13	1.009	-0.05	0.236	0.308
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(3)	3/4	54	5270	9.55	10.00	1.109	99.13	1.009	0.15	0.200	0.224
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(4)	3/4	54	5270	9.18	10.00	1.208	99.13	1.009	0.15	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 3+4(3)	3/4	54	5270	9.55	10.00	1.109	99.13	1.009	-0.06	0.119	0.133
	WLAN5GHz	802.11n-HT40 MCS0	Right Tilted	0mm	Ant 3+4(4)	3/4	54	5270	9.18	10.00	1.208	99.13	1.009	-0.06	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	54	5270	9.55	10.00	1.109	99.13	1.009	-0.02	0.020	0.022
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	54	5270	9.18	10.00	1.208	99.13	1.009	-0.02	0.175	0.213
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(3)	3/4	54	5270	9.55	10.00	1.109	99.13	1.009	-0.18	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(4)	3/4	54	5270	9.18	10.00	1.208	99.13	1.009	-0.18	0.098	0.119
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	138	5690	12.55	14.50	1.567	97.77	1.023	0.19	0.585	0.938
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	138	5690	12.98	14.50	1.419	97.77	1.023	0.19	0.001	0.001
32	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	122	5610	13.55	14.50	1.245	97.77	1.023	0.02	0.776	0.988
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	122	5610	13.88	14.50	1.153	97.77	1.023	0.02	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	106	5530	9.65	10.50	1.216	97.77	1.023	-0.03	0.221	0.275
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	106	5530	10.28	10.50	1.052	97.77	1.023	-0.03	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	1	138	5690	12.55	14.50	1.567	97.77	1.023	0.03	0.402	0.644
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	1	138	5690	12.98	14.50	1.419	97.77	1.023	0.03	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	1	138	5690	12.55	14.50	1.567	97.77	1.023	0.04	0.033	0.053
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	1	138	5690	12.98	14.50	1.419	97.77	1.023	0.04	0.308	0.447
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	1	138	5690	12.55	14.50	1.567	97.77	1.023	0.1	0.001	0.002
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	1	138	5690	12.98	14.50	1.419	97.77	1.023	0.1	0.343	0.498
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	2	138	5690	12.55	13.00	1.109	97.77	1.023	0.19	0.585	0.664
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	2	138	5690	12.98	13.00	1.005	97.77	1.023	0.19	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	2	138	5690	12.55	13.00	1.109	97.77	1.023	0.03	0.402	0.456
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	2	138	5690	12.98	13.00	1.005	97.77	1.023	0.03	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	2	138	5690	12.55	13.00	1.109	97.77	1.023	0.04	0.033	0.037
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	2	138	5690	12.98	13.00	1.005	97.77	1.023	0.04	0.308	0.317
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	2	138	5690	12.55	13.00	1.109	97.77	1.023	0.1	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	2	138	5690	12.98	13.00	1.005	97.77	1.023	0.1	0.343	0.353
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	3/4	138	5690	7.25	8.50	1.334	97.77	1.023	-0.19	0.162	0.221
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	3/4	138	5690	8.50	8.50	1.000	97.77	1.023	-0.19	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	3/4	138	5690	7.25	8.50	1.334	97.77	1.023	0.17	0.100	0.136
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	3/4	138	5690	8.50	8.50	1.000	97.77	1.023	0.17	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	138	5690	7.25	8.50	1.334	97.77	1.023	0.06	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	138	5690	8.50	8.50	1.000	97.77	1.023	0.06	0.115	0.118
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	3/4	138	5690	7.25	8.50	1.334	97.77	1.023	0.09	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	3/4	138	5690	8.50	8.50	1.000	97.77	1.023	0.09	0.129	0.132

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	155	5775	15.25	16.00	1.189	97.77	1.023	0.15	0.745	0.906
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	155	5775	15.28	16.00	1.180	97.77	1.023	0.15	0.001	0.001
33	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	159	5795	15.25	16.00	1.189	97.77	1.023	0.12	0.926	1.126
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	159	5795	15.68	16.00	1.076	97.77	1.023	0.12	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	1	155	5775	15.25	16.00	1.189	97.77	1.023	0.04	0.602	0.732
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	1	155	5775	15.28	16.00	1.180	97.77	1.023	0.04	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	1	155	5775	15.25	16.00	1.189	97.77	1.023	0.1	0.060	0.073
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	1	155	5775	15.28	16.00	1.180	97.77	1.023	0.1	0.569	0.687
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	1	155	5775	15.25	16.00	1.189	97.77	1.023	0.12	0.493	0.599
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	1	155	5775	15.28	16.00	1.180	97.77	1.023	0.12	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	2	155	5775	13.75	14.00	1.059	97.77	1.023	0.17	0.563	0.610
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	2	155	5775	13.78	14.00	1.052	97.77	1.023	0.17	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	2	155	5775	13.75	14.00	1.059	97.77	1.023	-0.14	0.404	0.438
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	2	155	5775	13.78	14.00	1.052	97.77	1.023	-0.14	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	2	155	5775	13.75	14.00	1.059	97.77	1.023	-0.1	0.046	0.050
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	2	155	5775	13.78	14.00	1.052	97.77	1.023	-0.1	0.313	0.337
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	2	155	5775	13.75	14.00	1.059	97.77	1.023	0.04	0.037	0.040
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	2	155	5775	13.78	14.00	1.052	97.77	1.023	0.04	0.347	0.373
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	3/4	155	5775	8.65	9.50	1.216	97.77	1.023	0.1	0.188	0.234
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	3/4	155	5775	9.28	9.50	1.052	97.77	1.023	0.1	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(3)	3/4	155	5775	8.65	9.50	1.216	97.77	1.023	-0.02	0.117	0.146
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 3+4(4)	3/4	155	5775	9.28	9.50	1.052	97.77	1.023	-0.02	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	155	5775	8.65	9.50	1.216	97.77	1.023	-0.07	0.033	0.041
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	155	5775	9.28	9.50	1.052	97.77	1.023	-0.07	0.111	0.119
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	3/4	155	5775	8.65	9.50	1.216	97.77	1.023	0.02	0.052	0.065
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	3/4	155	5775	9.28	9.50	1.052	97.77	1.023	0.02	0.120	0.129
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	163	5815	14.65	15.50	1.216	95.80	1.044	-0.01	0.711	0.903
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	163	5815	14.98	15.50	1.127	95.80	1.044	-0.01	0.001	0.001
34	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	171	5855	14.85	15.50	1.161	97.75	1.023	0.16	0.866	1.029
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	171	5855	15.08	15.50	1.102	97.75	1.023	0.16	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	1	163	5815	14.65	15.50	1.216	95.80	1.044	-0.03	0.563	0.715
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	1	163	5815	14.98	15.50	1.127	95.80	1.044	-0.03	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	1	163	5815	14.65	15.50	1.216	95.80	1.044	0.17	0.059	0.075
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	1	163	5815	14.98	15.50	1.127	95.80	1.044	0.17	0.445	0.524
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	1	163	5815	14.65	15.50	1.216	95.80	1.044	0.13	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	1	163	5815	14.98	15.50	1.127	95.80	1.044	0.13	0.469	0.552
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	2	163	5815	12.35	13.00	1.161	95.80	1.044	0.09	0.428	0.519
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	2	163	5815	12.48	13.00	1.127	95.80	1.044	0.09	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	2	163	5815	12.35	13.00	1.161	95.80	1.044	0.13	0.312	0.378
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	2	163	5815	12.48	13.00	1.127	95.80	1.044	0.13	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	2	163	5815	12.35	13.00	1.161	95.80	1.044	0.18	0.037	0.045
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	2	163	5815	12.48	13.00	1.127	95.80	1.044	0.18	0.224	0.264
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	2	163	5815	12.35	13.00	1.161	95.80	1.044	0.1	0.239	0.290
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	2	163	5815	12.48	13.00	1.127	95.80	1.044	0.1	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(3)	3/4	163	5815	9.35	9.50	1.035	95.80	1.044	0.14	0.223	0.241
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Cheek	0mm	Ant 3+4(4)	3/4	163	5815	9.08	9.50	1.102	95.80	1.044	0.14	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(3)	3/4	163	5815	9.35	9.50	1.035	95.80	1.044	0.09	0.168	0.182
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Tilted	0mm	Ant 3+4(4)	3/4	163	5815	9.08	9.50	1.102	95.80	1.044	0.09	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	163	5815	9.35	9.50	1.035	95.80	1.044	0.04	0.051	0.055
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	163	5815	9.08	9.50	1.102	95.80	1.044	0.04	0.099	0.114
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	3/4	163	5815	9.35	9.50	1.035	95.80	1.044	0.03	0.066	0.071
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	3/4	163	5815	9.08	9.50	1.102	95.80	1.044	0.03	0.126	0.145

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	1/2	207	6985	15.80	17.50	1.479	95.33	1.049	0.18	0.227	0.352	1.370	2.126
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	1/2	207	6985	17.07	17.50	1.104	95.33	1.049	0.18	0.117	0.136	0.751	0.870
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	1/2	207	6985	15.80	17.50	1.479	95.33	1.049	-0.01	0.059	0.092	0.352	0.546
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	1/2	207	6985	17.07	17.50	1.104	95.33	1.049	-0.01	0.067	0.078	0.433	0.501
35	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	1/2	207	6985	15.80	17.50	1.479	95.33	1.049	0.06	0.099	0.154	0.664	1.030
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	1/2	207	6985	17.07	17.50	1.104	95.33	1.049	0.06	0.546	0.632	4.090	4.737
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	1/2	15	6025	11.90	12.50	1.148	95.33	1.049	-0.13	0.149	0.179	0.940	1.132
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	1/2	15	6025	12.07	12.50	1.104	95.33	1.049	-0.13	0.316	0.366	2.300	2.664
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	1/2	47	6185	12.00	12.50	1.122	95.33	1.049	-0.16	0.088	0.104	0.487	0.573
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	1/2	47	6185	11.87	12.50	1.156	95.33	1.049	-0.16	0.181	0.220	1.060	1.286
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	1/2	111	6505	13.40	14.00	1.148	95.33	1.049	-0.13	0.152	0.183	1.070	1.289
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	1/2	111	6505	13.37	14.00	1.156	95.33	1.049	-0.13	0.309	0.375	1.910	2.316
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	1/2	143	6665	14.20	15.00	1.202	95.33	1.049	0.15	0.100	0.126	0.541	0.682
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	1/2	143	6665	14.37	15.00	1.156	95.33	1.049	0.15	0.452	0.548	2.700	3.274
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(3)	1/2	207	6985	15.80	17.50	1.479	95.33	1.049	0.03	0.001	0.002	0.001	0.002
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(4)	1/2	207	6985	17.07	17.50	1.104	95.33	1.049	0.03	0.221	0.256	1.310	1.517
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(3)	3/4	207	6985	11.30	12.00	1.175	95.33	1.049	0.14	0.063	0.078	0.365	0.450
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0mm	Ant 3+4(4)	3/4	207	6985	11.87	12.00	1.030	95.33	1.049	0.14	0.038	0.041	0.229	0.248
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(3)	3/4	207	6985	11.30	12.00	1.175	95.33	1.049	-0.11	0.026	0.032	0.176	0.217
	WLAN6GHz	802.11ax-HE160 MCS0	Right Tilted	0mm	Ant 3+4(4)	3/4	207	6985	11.87	12.00	1.030	95.33	1.049	-0.11	0.030	0.032	0.203	0.219
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	207	6985	11.30	12.00	1.175	95.33	1.049	-0.1	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	207	6985	11.87	12.00	1.030	95.33	1.049	-0.1	0.197	0.213	1.438	1.554
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	15	6025	9.80	10.50	1.175	95.33	1.049	-0.13	0.091	0.112	0.573	0.706
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	15	6025	10.47	10.50	1.007	95.33	1.049	-0.13	0.198	0.209	1.587	1.676
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	47	6185	10.20	10.50	1.072	95.33	1.049	-0.16	0.057	0.064	0.320	0.360
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	47	6185	10.17	10.50	1.079	95.33	1.049	-0.16	0.122	0.138	0.712	0.806
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	111	6505	10.90	11.50	1.148	95.33	1.049	-0.13	0.085	0.102	0.596	0.718
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	111	6505	11.47	11.50	1.007	95.33	1.049	-0.13	0.199	0.210	1.230	1.299
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	3/4	143	6665	10.60	11.00	1.096	95.33	1.049	0.15	0.053	0.061	0.324	0.373
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	3/4	143	6665	10.67	11.00	1.079	95.33	1.049	0.15	0.185	0.209	1.215	1.375
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(3)	3/4	207	6985	11.30	12.00	1.175	95.33	1.049	-0.16	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Tilted	0mm	Ant 3+4(4)	3/4	207	6985	11.87	12.00	1.030	95.33	1.049	-0.16	0.075	0.081	0.045	0.049

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 3	1	0	2402	11.25	12.00	1.189	77.13	1.080	0.19	0.130	0.167
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3	1	0	2402	11.25	12.00	1.189	77.13	1.080	-0.13	0.029	0.037
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3	1	0	2402	11.25	12.00	1.189	77.13	1.080	0.03	0.064	0.082
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3	1	0	2402	11.25	12.00	1.189	77.13	1.080	0.12	0.015	0.019
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 4	1	0	2402	11.98	12.00	1.005	77.13	1.080	0.03	0.056	0.061
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 4	1	0	2402	11.98	12.00	1.005	77.13	1.080	0.06	0.043	0.047
36	Bluetooth	1Mbps	Left Cheek	0mm	Ant 4	1	0	2402	11.98	12.00	1.005	77.13	1.080	-0.01	0.175	0.190
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 4	1	0	2402	11.98	12.00	1.005	77.13	1.080	0.18	0.092	0.100
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 3+4(3)	1	0	2402	11.25	12.00	1.189	77.13	1.080	0.04	0.147	0.189
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 3+4(4)	1	0	2402	11.98	12.00	1.005	77.13	1.080	0.04	0.075	0.081
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3+4(3)	1	0	2402	11.25	12.00	1.189	77.13	1.080	0.05	0.026	0.033
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 3+4(4)	1	0	2402	11.98	12.00	1.005	77.13	1.080	0.05	0.062	0.067
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3+4(3)	1	0	2402	11.25	12.00	1.189	77.13	1.080	0.05	0.092	0.118
	Bluetooth	1Mbps	Left Cheek	0mm	Ant 3+4(4)	1	0	2402	11.98	12.00	1.005	77.13	1.080	0.05	0.113	0.123
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3+4(3)	1	0	2402	11.25	12.00	1.189	77.13	1.080	-0.03	0.011	0.014
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 3+4(4)	1	0	2402	11.98	12.00	1.005	77.13	1.080	-0.03	0.093	0.101

<Thread SAR>

Plot No.	Band	Modulation	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Power Index	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
37	Thread_Ant 3	250K	Right Cheek	0mm	25	2475	1	10.25	11.00	1.189	-0.01	0.133	0.158
	Thread_Ant 3	250K	Right Tilted	0mm	25	2475	1	10.25	11.00	1.189	0.01	0.026	0.031
	Thread_Ant 3	250K	Left Cheek	0mm	25	2475	1	10.25	11.00	1.189	-0.05	0.067	0.080
	Thread_Ant 3	250K	Left Tilted	0mm	25	2475	1	10.25	11.00	1.189	0.03	0.015	0.018

14.2 Hotspot SAR

<GSM SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850_Ant 0	GPRS (4 Tx slots)	Front	10mm	4	189	836.4	26.84	27.80	1.247	-0.04	0.300	0.374
38	GSM850_Ant 0	GPRS (4 Tx slots)	Back	10mm	4	189	836.4	26.84	27.80	1.247	0	0.479	0.597
	GSM850_Ant 0	GPRS (4 Tx slots)	Left Side	10mm	4	189	836.4	26.84	27.80	1.247	0	0.309	0.385
	GSM850_Ant 0	GPRS (4 Tx slots)	Right Side	10mm	4	189	836.4	26.84	27.80	1.247	0.03	0.100	0.125
	GSM850_Ant 0	GPRS (4 Tx slots)	Bottom Side	10mm	4	189	836.4	26.84	27.80	1.247	0.01	0.331	0.413
	GSM850_Ant 1	GPRS (4 Tx slots)	Front	10mm	4	189	836.4	28.60	29.50	1.230	-0.08	0.373	0.459
	GSM850_Ant 1	GPRS (4 Tx slots)	Back	10mm	4	189	836.4	28.60	29.50	1.230	-0.05	0.408	0.502
	GSM850_Ant 1	GPRS (4 Tx slots)	Left Side	10mm	4	189	836.4	28.60	29.50	1.230	0.03	0.147	0.181
	GSM850_Ant 1	GPRS (4 Tx slots)	Right Side	10mm	4	189	836.4	28.60	29.50	1.230	0.01	0.299	0.368
	GSM850_Ant 1	GPRS (4 Tx slots)	Top Side	10mm	4	189	836.4	28.60	29.50	1.230	0.02	0.219	0.269
	GSM1900_Ant 2	GPRS (4 Tx slots)	Front	10mm	4	661	1880	23.93	24.70	1.194	-0.08	0.414	0.494
	GSM1900_Ant 2	GPRS (4 Tx slots)	Back	10mm	4	661	1880	23.93	24.70	1.194	0.12	0.446	0.533
	GSM1900_Ant 2	GPRS (4 Tx slots)	Left Side	10mm	4	661	1880	23.93	24.70	1.194	-0.12	0.113	0.135
	GSM1900_Ant 2	GPRS (4 Tx slots)	Right Side	10mm	4	661	1880	23.93	24.70	1.194	0.13	0.590	0.704
	GSM1900_Ant 2	GPRS (4 Tx slots)	Bottom Side	10mm	4	661	1880	23.93	24.70	1.194	0.02	0.212	0.253
	GSM1900_Ant 0	GPRS (4 Tx slots)	Front	10mm	4	661	1880	20.25	21.25	1.259	-0.05	0.193	0.243
	GSM1900_Ant 0	GPRS (4 Tx slots)	Back	10mm	4	661	1880	20.25	21.25	1.259	-0.17	0.301	0.379
	GSM1900_Ant 0	GPRS (4 Tx slots)	Left Side	10mm	4	661	1880	20.25	21.25	1.259	-0.12	0.071	0.089
	GSM1900_Ant 0	GPRS (4 Tx slots)	Right Side	10mm	4	661	1880	20.25	21.25	1.259	0	0.008	0.010
39	GSM1900_Ant 0	GPRS (4 Tx slots)	Bottom Side	10mm	4	661	1880	20.25	21.25	1.259	0.02	0.603	0.759

<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II_Ant 2	RMC 12.2Kbps	Front	10mm	4	9400	1880	20.49	21.60	1.291	0.02	0.319	0.412
	WCDMA II_Ant 2	RMC 12.2Kbps	Back	10mm	4	9400	1880	20.49	21.60	1.291	-0.01	0.410	0.529
	WCDMA II_Ant 2	RMC 12.2Kbps	Left Side	10mm	4	9400	1880	20.49	21.60	1.291	-0.12	0.079	0.102
	WCDMA II_Ant 2	RMC 12.2Kbps	Right Side	10mm	4	9400	1880	20.49	21.60	1.291	0	0.476	0.615
	WCDMA II_Ant 2	RMC 12.2Kbps	Bottom Side	10mm	4	9400	1880	20.49	21.60	1.291	0.01	0.133	0.172
	WCDMA II_Ant 0	RMC 12.2Kbps	Front	10mm	4	9400	1880	17.00	18.65	1.462	-0.02	0.234	0.342
	WCDMA II_Ant 0	RMC 12.2Kbps	Back	10mm	4	9400	1880	17.00	18.65	1.462	0.06	0.334	0.488
	WCDMA II_Ant 0	RMC 12.2Kbps	Left Side	10mm	4	9400	1880	17.00	18.65	1.462	-0.07	0.074	0.108
	WCDMA II_Ant 0	RMC 12.2Kbps	Right Side	10mm	4	9400	1880	17.00	18.65	1.462	0.07	0.010	0.015
40	WCDMA II_Ant 0	RMC 12.2Kbps	Bottom Side	10mm	4	9400	1880	17.00	18.65	1.462	0.01	0.580	0.848
	WCDMA II_Ant 0	RMC 12.2Kbps	Bottom Side	10mm	4	9262	1852.4	16.99	18.65	1.466	0.06	0.497	0.728
	WCDMA II_Ant 0	RMC 12.2Kbps	Bottom Side	10mm	4	9538	1907.6	16.93	18.65	1.486	-0.05	0.508	0.755
	WCDMA IV_Ant 2	RMC 12.2Kbps	Front	10mm	4	1413	1732.6	21.21	22.20	1.256	0	0.354	0.445
	WCDMA IV_Ant 2	RMC 12.2Kbps	Back	10mm	4	1413	1732.6	21.21	22.20	1.256	0	0.391	0.491
	WCDMA IV_Ant 2	RMC 12.2Kbps	Left Side	10mm	4	1413	1732.6	21.21	22.20	1.256	0.04	0.075	0.094
	WCDMA IV_Ant 2	RMC 12.2Kbps	Right Side	10mm	4	1413	1732.6	21.21	22.20	1.256	-0.03	0.448	0.563
	WCDMA IV_Ant 2	RMC 12.2Kbps	Bottom Side	10mm	4	1413	1732.6	21.21	22.20	1.256	-0.01	0.284	0.357
	WCDMA IV_Ant 0	RMC 12.2Kbps	Front	10mm	4	1413	1732.6	18.22	18.95	1.183	0.03	0.322	0.381
	WCDMA IV_Ant 0	RMC 12.2Kbps	Back	10mm	4	1413	1732.6	18.22	18.95	1.183	0.07	0.537	0.635
	WCDMA IV_Ant 0	RMC 12.2Kbps	Left Side	10mm	4	1413	1732.6	18.22	18.95	1.183	0.05	0.132	0.156
	WCDMA IV_Ant 0	RMC 12.2Kbps	Right Side	10mm	4	1413	1732.6	18.22	18.95	1.183	0.04	0.008	0.009
41	WCDMA IV_Ant 0	RMC 12.2Kbps	Bottom Side	10mm	4	1413	1732.6	18.22	18.95	1.183	-0.04	0.702	0.830
	WCDMA IV_Ant 0	RMC 12.2Kbps	Bottom Side	10mm	4	1312	1712.4	18.21	18.95	1.186	0.03	0.690	0.818
	WCDMA IV_Ant 0	RMC 12.2Kbps	Bottom Side	10mm	4	1513	1752.6	18.12	18.95	1.211	-0.04	0.511	0.619
	WCDMA V_Ant 0	RMC 12.2Kbps	Front	10mm	4	4182	836.4	24.14	24.70	1.138	-0.02	0.368	0.419
42	WCDMA V_Ant 0	RMC 12.2Kbps	Back	10mm	4	4182	836.4	24.14	24.70	1.138	-0.02	0.584	0.664
	WCDMA V_Ant 0	RMC 12.2Kbps	Left Side	10mm	4	4182	836.4	24.14	24.70	1.138	-0.11	0.428	0.487
	WCDMA V_Ant 0	RMC 12.2Kbps	Right Side	10mm	4	4182	836.4	24.14	24.70	1.138	-0.01	0.137	0.156
	WCDMA V_Ant 0	RMC 12.2Kbps	Bottom Side	10mm	4	4182	836.4	24.14	24.70	1.138	0.01	0.439	0.499
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	10mm	4	4182	836.4	24.28	25.00	1.180	0.02	0.281	0.332
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	10mm	4	4182	836.4	24.28	25.00	1.180	-0.02	0.392	0.463
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	4	4182	836.4	24.28	25.00	1.180	0.05	0.117	0.138
	WCDMA V_Ant 1	RMC 12.2Kbps	Right Side	10mm	4	4182	836.4	24.28	25.00	1.180	0	0.243	0.287
	WCDMA V_Ant 1	RMC 12.2Kbps	Top Side	10mm	4	4182	836.4	24.28	25.00	1.180	0.02	0.144	0.170

<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7_Ant 2	20M	QPSK	1	0	Front	10mm	4	21100	2535	19.61	20.60	1.256	-0.18	0.330	0.414
	LTE Band 7_Ant 2	20M	QPSK	50	0	Front	10mm	4	21100	2535	19.71	20.60	1.227	-0.01	0.340	0.417
	LTE Band 7_Ant 2	20M	QPSK	1	0	Back	10mm	4	21100	2535	19.61	20.60	1.256	-0.13	0.348	0.437
	LTE Band 7_Ant 2	20M	QPSK	50	0	Back	10mm	4	21100	2535	19.71	20.60	1.227	0	0.396	0.486
	LTE Band 7_Ant 2	20M	QPSK	1	0	Left Side	10mm	4	21100	2535	19.61	20.60	1.256	-0.13	0.025	0.031
	LTE Band 7_Ant 2	20M	QPSK	50	0	Left Side	10mm	4	21100	2535	19.71	20.60	1.227	0.05	0.027	0.033
	LTE Band 7_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	21100	2535	19.61	20.60	1.256	0.06	0.588	0.739
	LTE Band 7_Ant 2	20M	QPSK	50	0	Right Side	10mm	4	21100	2535	19.71	20.60	1.227	-0.03	0.603	0.740
	LTE Band 7_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	4	21100	2535	19.61	20.60	1.256	-0.15	0.129	0.162
	LTE Band 7_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	4	21100	2535	19.71	20.60	1.227	-0.09	0.145	0.178
	LTE ULCA_7C_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	21100+20902	2535	20.23	20.60	1.089	0.02	0.654	0.712
	LTE Band 7_Ant 0	20M	QPSK	1	0	Front	10mm	4	21100	2535	17.31	18.65	1.361	-0.01	0.245	0.334
	LTE Band 7_Ant 0	20M	QPSK	50	0	Front	10mm	4	21100	2535	17.31	18.65	1.361	0.13	0.239	0.325
	LTE Band 7_Ant 0	20M	QPSK	1	0	Back	10mm	4	21100	2535	17.31	18.65	1.361	0	0.283	0.385
	LTE Band 7_Ant 0	20M	QPSK	50	0	Back	10mm	4	21100	2535	17.31	18.65	1.361	0.17	0.273	0.372
	LTE Band 7_Ant 0	20M	QPSK	1	0	Left Side	10mm	4	21100	2535	17.31	18.65	1.361	-0.05	0.046	0.063
	LTE Band 7_Ant 0	20M	QPSK	50	0	Left Side	10mm	4	21100	2535	17.31	18.65	1.361	-0.15	0.040	0.054
	LTE Band 7_Ant 0	20M	QPSK	1	0	Right Side	10mm	4	21100	2535	17.31	18.65	1.361	0.03	0.023	0.031
	LTE Band 7_Ant 0	20M	QPSK	50	0	Right Side	10mm	4	21100	2535	17.31	18.65	1.361	0.15	0.014	0.019
43	LTE Band 7_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	21100	2535	17.31	18.65	1.361	-0.09	0.553	0.753
	LTE Band 7_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	21100	2535	17.31	18.65	1.361	-0.15	0.522	0.711
	LTE ULCA_7C_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	21100+20902	2535	17.96	18.65	1.172	-0.05	0.604	0.708
	LTE Band 12_Ant 0	10M	QPSK	1	0	Front	10mm	4	23095	707.5	23.98	25.00	1.265	0	0.312	0.395
	LTE Band 12_Ant 0	10M	QPSK	25	0	Front	10mm	4	23095	707.5	23.02	24.00	1.253	-0.19	0.241	0.302
	LTE Band 12_Ant 0	10M	QPSK	1	0	Back	10mm	4	23095	707.5	23.98	25.00	1.265	0.02	0.361	0.457
	LTE Band 12_Ant 0	10M	QPSK	25	0	Back	10mm	4	23095	707.5	23.02	24.00	1.253	0.11	0.234	0.293
44	LTE Band 12_Ant 0	10M	QPSK	1	0	Left Side	10mm	4	23095	707.5	23.98	25.00	1.265	0.03	0.422	0.534
	LTE Band 12_Ant 0	10M	QPSK	25	0	Left Side	10mm	4	23095	707.5	23.02	24.00	1.253	0.17	0.332	0.416
	LTE Band 12_Ant 0	10M	QPSK	1	0	Right Side	10mm	4	23095	707.5	23.98	25.00	1.265	-0.03	0.235	0.297
	LTE Band 12_Ant 0	10M	QPSK	25	0	Right Side	10mm	4	23095	707.5	23.02	24.00	1.253	-0.08	0.224	0.281
	LTE Band 12_Ant 0	10M	QPSK	1	0	Bottom Side	10mm	4	23095	707.5	23.98	25.00	1.265	-0.01	0.271	0.343
	LTE Band 12_Ant 0	10M	QPSK	25	0	Bottom Side	10mm	4	23095	707.5	23.02	24.00	1.253	0.07	0.219	0.274
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	10mm	4	23095	707.5	23.82	25.00	1.312	-0.02	0.221	0.290
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	10mm	4	23095	707.5	22.86	24.00	1.300	-0.06	0.154	0.200
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	10mm	4	23095	707.5	23.82	25.00	1.312	-0.01	0.247	0.324
	LTE Band 12_Ant 1	10M	QPSK	25	0	Back	10mm	4	23095	707.5	22.86	24.00	1.300	0.03	0.158	0.205
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Side	10mm	4	23095	707.5	23.82	25.00	1.312	0.01	0.267	0.350
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Side	10mm	4	23095	707.5	22.86	24.00	1.300	-0.16	0.171	0.222
	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Side	10mm	4	23095	707.5	23.82	25.00	1.312	0	0.190	0.249
	LTE Band 12_Ant 1	10M	QPSK	25	0	Right Side	10mm	4	23095	707.5	22.86	24.00	1.300	-0.14	0.140	0.182
	LTE Band 12_Ant 1	10M	QPSK	1	0	Top Side	10mm	4	23095	707.5	23.82	25.00	1.312	-0.17	0.067	0.088
	LTE Band 12_Ant 1	10M	QPSK	25	0	Top Side	10mm	4	23095	707.5	22.86	24.00	1.300	-0.11	0.042	0.055

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 13_Ant 0	10M	QPSK	1	0	Front	10mm	4	23230	782	23.90	25.00	1.288	-0.01	0.328	0.423
	LTE Band 13_Ant 0	10M	QPSK	25	0	Front	10mm	4	23230	782	22.95	24.00	1.274	0.02	0.320	0.408
	LTE Band 13_Ant 0	10M	QPSK	1	0	Back	10mm	4	23230	782	23.90	25.00	1.288	-0.01	0.424	0.546
	LTE Band 13_Ant 0	10M	QPSK	25	0	Back	10mm	4	23230	782	22.95	24.00	1.274	0.13	0.340	0.433
45	LTE Band 13_Ant 0	10M	QPSK	1	0	Left Side	10mm	4	23230	782	23.90	25.00	1.288	-0.01	0.555	0.715
	LTE Band 13_Ant 0	10M	QPSK	25	0	Left Side	10mm	4	23230	782	22.95	24.00	1.274	0.01	0.428	0.545
	LTE Band 13_Ant 0	10M	QPSK	1	0	Right Side	10mm	4	23230	782	23.90	25.00	1.288	0.01	0.301	0.388
	LTE Band 13_Ant 0	10M	QPSK	25	0	Right Side	10mm	4	23230	782	22.95	24.00	1.274	0.05	0.238	0.303
	LTE Band 13_Ant 0	10M	QPSK	1	0	Bottom Side	10mm	4	23230	782	23.90	25.00	1.288	0.02	0.285	0.367
	LTE Band 13_Ant 0	10M	QPSK	25	0	Bottom Side	10mm	4	23230	782	22.95	24.00	1.274	0.05	0.216	0.275
	LTE Band 13_Ant 1	10M	QPSK	1	0	Front	10mm	4	23230	782	23.97	25.00	1.268	0	0.295	0.374
	LTE Band 13_Ant 1	10M	QPSK	25	0	Front	10mm	4	23230	782	22.97	24.00	1.268	-0.19	0.232	0.294
	LTE Band 13_Ant 1	10M	QPSK	1	0	Back	10mm	4	23230	782	23.97	25.00	1.268	-0.06	0.307	0.389
	LTE Band 13_Ant 1	10M	QPSK	25	0	Back	10mm	4	23230	782	22.97	24.00	1.268	0.12	0.249	0.316
	LTE Band 13_Ant 1	10M	QPSK	1	0	Left Side	10mm	4	23230	782	23.97	25.00	1.268	0.01	0.213	0.270
	LTE Band 13_Ant 1	10M	QPSK	25	0	Left Side	10mm	4	23230	782	22.97	24.00	1.268	-0.08	0.161	0.204
	LTE Band 13_Ant 1	10M	QPSK	1	0	Right Side	10mm	4	23230	782	23.97	25.00	1.268	0.06	0.256	0.325
	LTE Band 13_Ant 1	10M	QPSK	25	0	Right Side	10mm	4	23230	782	22.97	24.00	1.268	0.11	0.199	0.252
	LTE Band 13_Ant 1	10M	QPSK	1	0	Top Side	10mm	4	23230	782	23.97	25.00	1.268	-0.03	0.109	0.138
	LTE Band 13_Ant 1	10M	QPSK	25	0	Top Side	10mm	4	23230	782	22.97	24.00	1.268	-0.14	0.089	0.113
	LTE Band 14_Ant 0	10M	QPSK	1	0	Front	10mm	4	23330	793	23.91	25.00	1.285	0	0.301	0.387
	LTE Band 14_Ant 0	10M	QPSK	25	0	Front	10mm	4	23330	793	22.89	24.00	1.291	-0.17	0.243	0.314
46	LTE Band 14_Ant 0	10M	QPSK	1	0	Back	10mm	4	23330	793	23.91	25.00	1.285	0	0.482	0.620
	LTE Band 14_Ant 0	10M	QPSK	25	0	Back	10mm	4	23330	793	22.89	24.00	1.291	0.18	0.383	0.495
	LTE Band 14_Ant 0	10M	QPSK	1	0	Left Side	10mm	4	23330	793	23.91	25.00	1.285	-0.02	0.472	0.607
	LTE Band 14_Ant 0	10M	QPSK	25	0	Left Side	10mm	4	23330	793	22.89	24.00	1.291	-0.05	0.365	0.471
	LTE Band 14_Ant 0	10M	QPSK	1	0	Right Side	10mm	4	23330	793	23.91	25.00	1.285	-0.02	0.225	0.289
	LTE Band 14_Ant 0	10M	QPSK	25	0	Right Side	10mm	4	23330	793	22.89	24.00	1.291	-0.03	0.166	0.214
	LTE Band 14_Ant 0	10M	QPSK	1	0	Bottom Side	10mm	4	23330	793	23.91	25.00	1.285	0.04	0.379	0.487
	LTE Band 14_Ant 0	10M	QPSK	25	0	Bottom Side	10mm	4	23330	793	22.89	24.00	1.291	0.16	0.341	0.440
	LTE Band 14_Ant 1	10M	QPSK	1	0	Front	10mm	4	23330	793	23.82	25.00	1.312	-0.02	0.249	0.327
	LTE Band 14_Ant 1	10M	QPSK	25	0	Front	10mm	4	23330	793	22.81	24.00	1.315	0.11	0.195	0.256
	LTE Band 14_Ant 1	10M	QPSK	1	0	Back	10mm	4	23330	793	23.82	25.00	1.312	0.01	0.310	0.407
	LTE Band 14_Ant 1	10M	QPSK	25	0	Back	10mm	4	23330	793	22.81	24.00	1.315	-0.14	0.268	0.352
	LTE Band 14_Ant 1	10M	QPSK	1	0	Left Side	10mm	4	23330	793	23.82	25.00	1.312	0.02	0.134	0.176
	LTE Band 14_Ant 1	10M	QPSK	25	0	Left Side	10mm	4	23330	793	22.81	24.00	1.315	0.15	0.116	0.153
	LTE Band 14_Ant 1	10M	QPSK	1	0	Right Side	10mm	4	23330	793	23.82	25.00	1.312	-0.03	0.175	0.230
	LTE Band 14_Ant 1	10M	QPSK	25	0	Right Side	10mm	4	23330	793	22.81	24.00	1.315	0.07	0.134	0.176
	LTE Band 14_Ant 1	10M	QPSK	1	0	Top Side	10mm	4	23330	793	23.82	25.00	1.312	-0.04	0.111	0.146
	LTE Band 14_Ant 1	10M	QPSK	25	0	Top Side	10mm	4	23330	793	22.81	24.00	1.315	-0.1	0.094	0.124

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 25_Ant 2	20M	QPSK	1	0	Front	10mm	4	26340	1880	19.70	20.80	1.288	-0.06	0.234	0.301
	LTE Band 25_Ant 2	20M	QPSK	50	0	Front	10mm	4	26340	1880	19.73	20.80	1.279	0.02	0.234	0.299
	LTE Band 25_Ant 2	20M	QPSK	1	0	Back	10mm	4	26340	1880	19.70	20.80	1.288	0.01	0.275	0.354
	LTE Band 25_Ant 2	20M	QPSK	50	0	Back	10mm	4	26340	1880	19.73	20.80	1.279	0.09	0.233	0.298
	LTE Band 25_Ant 2	20M	QPSK	1	0	Left Side	10mm	4	26340	1880	19.70	20.80	1.288	-0.08	0.041	0.053
	LTE Band 25_Ant 2	20M	QPSK	50	0	Left Side	10mm	4	26340	1880	19.73	20.80	1.279	-0.05	0.040	0.051
	LTE Band 25_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	26340	1880	19.70	20.80	1.288	0	0.421	0.542
	LTE Band 25_Ant 2	20M	QPSK	50	0	Right Side	10mm	4	26340	1880	19.73	20.80	1.279	0.09	0.416	0.532
	LTE Band 25_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	4	26340	1880	19.70	20.80	1.288	-0.04	0.110	0.142
	LTE Band 25_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	4	26340	1880	19.73	20.80	1.279	0.04	0.104	0.133
	LTE Band 25_Ant 0	20M	QPSK	1	0	Front	10mm	4	26340	1880	16.65	18.35	1.479	-0.05	0.218	0.322
	LTE Band 25_Ant 0	20M	QPSK	50	0	Front	10mm	4	26340	1880	16.62	18.35	1.489	-0.07	0.213	0.317
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	4	26340	1880	16.65	18.35	1.479	-0.09	0.305	0.451
	LTE Band 25_Ant 0	20M	QPSK	50	0	Back	10mm	4	26340	1880	16.62	18.35	1.489	0.14	0.288	0.429
	LTE Band 25_Ant 0	20M	QPSK	1	0	Left Side	10mm	4	26340	1880	16.65	18.35	1.479	0.13	0.060	0.089
	LTE Band 25_Ant 0	20M	QPSK	50	0	Left Side	10mm	4	26340	1880	16.62	18.35	1.489	-0.03	0.068	0.101
	LTE Band 25_Ant 0	20M	QPSK	1	0	Right Side	10mm	4	26340	1880	16.65	18.35	1.479	-0.04	0.008	0.012
	LTE Band 25_Ant 0	20M	QPSK	50	0	Right Side	10mm	4	26340	1880	16.62	18.35	1.489	0.11	0.006	0.009
	LTE Band 25_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	26340	1880	16.65	18.35	1.479	0.04	0.395	0.584
	LTE Band 25_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	26340	1880	16.62	18.35	1.489	-0.11	0.385	0.573
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	4	26340	1880	20.45	21.5	1.274	-0.12	0.381	0.485
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	4	26340	1880	20.39	21.5	1.291	0.17	0.374	0.483
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	4	26340	1880	20.45	21.5	1.274	-0.08	0.537	0.684
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	4	26340	1880	20.39	21.5	1.291	0.06	0.514	0.664
	LTE Band 25_Ant 1	20M	QPSK	1	0	Left Side	10mm	4	26340	1880	20.45	21.5	1.274	0.01	0.276	0.351
	LTE Band 25_Ant 1	20M	QPSK	50	0	Left Side	10mm	4	26340	1880	20.39	21.5	1.291	-0.02	0.270	0.349
	LTE Band 25_Ant 1	20M	QPSK	1	0	Right Side	10mm	4	26340	1880	20.45	21.5	1.274	-0.15	0.073	0.093
	LTE Band 25_Ant 1	20M	QPSK	50	0	Right Side	10mm	4	26340	1880	20.39	21.5	1.291	0.05	0.071	0.092
47	LTE Band 25_Ant 1	20M	QPSK	1	0	Top Side	10mm	4	26340	1880	20.45	21.5	1.274	0	0.566	0.721
	LTE Band 25_Ant 1	20M	QPSK	50	0	Top Side	10mm	4	26340	1880	20.39	21.5	1.291	-0.04	0.545	0.704
	LTE Band 25_Ant 5	20M	QPSK	1	0	Front	10mm	4	26340	1880	22.97	24.30	1.358	-0.14	0.215	0.292
	LTE Band 25_Ant 5	20M	QPSK	50	0	Front	10mm	4	26340	1880	22.29	23.80	1.416	-0.04	0.107	0.151
	LTE Band 25_Ant 5	20M	QPSK	1	0	Back	10mm	4	26340	1880	22.97	24.30	1.358	-0.03	0.276	0.375
	LTE Band 25_Ant 5	20M	QPSK	50	0	Back	10mm	4	26340	1880	22.29	23.80	1.416	0.01	0.138	0.195
	LTE Band 25_Ant 5	20M	QPSK	1	0	Left Side	10mm	4	26340	1880	22.97	24.30	1.358	-0.06	0.038	0.052
	LTE Band 25_Ant 5	20M	QPSK	50	0	Left Side	10mm	4	26340	1880	22.29	23.80	1.416	-0.04	0.036	0.051
	LTE Band 25_Ant 5	20M	QPSK	1	0	Right Side	10mm	4	26340	1880	22.97	24.30	1.358	-0.03	0.376	0.511
	LTE Band 25_Ant 5	20M	QPSK	50	0	Right Side	10mm	4	26340	1880	22.29	23.80	1.416	0.01	0.334	0.473
	LTE Band 25_Ant 5	20M	QPSK	1	0	Top Side	10mm	4	26340	1880	22.97	24.30	1.358	0.03	0.183	0.249
	LTE Band 25_Ant 5	20M	QPSK	50	0	Top Side	10mm	4	26340	1880	22.29	23.80	1.416	0	0.147	0.208

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 26_Ant 0	15M	QPSK	1	0	Front	10mm	4	26865	831.5	24.28	24.80	1.127	0.01	0.366	0.413
	LTE Band 26_Ant 0	15M	QPSK	36	0	Front	10mm	4	26865	831.5	23.45	24.00	1.135	0.07	0.301	0.342
48	LTE Band 26_Ant 0	15M	QPSK	1	0	Back	10mm	4	26865	831.5	24.28	24.80	1.127	0	0.665	0.750
	LTE Band 26_Ant 0	15M	QPSK	36	0	Back	10mm	4	26865	831.5	23.45	24.00	1.135	0.09	0.542	0.615
	LTE Band 26_Ant 0	15M	QPSK	1	0	Left Side	10mm	4	26865	831.5	24.28	24.80	1.127	-0.01	0.502	0.566
	LTE Band 26_Ant 0	15M	QPSK	36	0	Left Side	10mm	4	26865	831.5	23.45	24.00	1.135	-0.08	0.400	0.454
	LTE Band 26_Ant 0	15M	QPSK	1	0	Right Side	10mm	4	26865	831.5	24.28	24.80	1.127	0.01	0.148	0.167
	LTE Band 26_Ant 0	15M	QPSK	36	0	Right Side	10mm	4	26865	831.5	23.45	24.00	1.135	-0.08	0.101	0.115
	LTE Band 26_Ant 0	15M	QPSK	1	0	Bottom Side	10mm	4	26865	831.5	24.28	24.80	1.127	0	0.441	0.497
	LTE Band 26_Ant 0	15M	QPSK	36	0	Bottom Side	10mm	4	26865	831.5	23.45	24.00	1.135	0.19	0.362	0.411
	LTE ULCA_5B_Ant 0	10M	QPSK	1	49	Back	10mm	4	20450+20549	829	24.02	24.80	1.197	-0.01	0.572	0.685
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	4	26865	831.5	24.15	25.00	1.216	-0.01	0.272	0.331
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	4	26865	831.5	23.15	24.00	1.216	-0.03	0.215	0.261
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	4	26865	831.5	24.15	25.00	1.216	0	0.393	0.478
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	4	26865	831.5	23.15	24.00	1.216	-0.01	0.320	0.389
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Side	10mm	4	26865	831.5	24.15	25.00	1.216	-0.02	0.142	0.173
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Side	10mm	4	26865	831.5	23.15	24.00	1.216	0.03	0.115	0.140
	LTE Band 26_Ant 1	15M	QPSK	1	0	Right Side	10mm	4	26865	831.5	24.15	25.00	1.216	-0.02	0.254	0.309
	LTE Band 26_Ant 1	15M	QPSK	36	0	Right Side	10mm	4	26865	831.5	23.15	24.00	1.216	0.05	0.213	0.259
	LTE Band 26_Ant 1	15M	QPSK	1	0	Top Side	10mm	4	26865	831.5	24.15	25.00	1.216	-0.08	0.134	0.163
	LTE Band 26_Ant 1	15M	QPSK	36	0	Top Side	10mm	4	26865	831.5	23.15	24.00	1.216	0.17	0.088	0.107
	LTE ULCA_5B_Ant 1	10M	QPSK	1	0	Back	10mm	4	20574+20475	841.4	23.51	25.00	1.409	0.02	0.312	0.440
	LTE Band 30_Ant 2	10M	QPSK	1	0	Front	10mm	4	27710	2310	20.47	21.30	1.211	0.04	0.353	0.427
	LTE Band 30_Ant 2	10M	QPSK	25	0	Front	10mm	4	27710	2310	20.53	21.30	1.194	0.01	0.364	0.435
	LTE Band 30_Ant 2	10M	QPSK	1	0	Back	10mm	4	27710	2310	20.47	21.30	1.211	-0.01	0.431	0.522
	LTE Band 30_Ant 2	10M	QPSK	25	0	Back	10mm	4	27710	2310	20.53	21.30	1.194	0.08	0.416	0.497
	LTE Band 30_Ant 2	10M	QPSK	1	0	Left Side	10mm	4	27710	2310	20.47	21.30	1.211	-0.05	0.030	0.036
	LTE Band 30_Ant 2	10M	QPSK	25	0	Left Side	10mm	4	27710	2310	20.53	21.30	1.194	-0.01	0.030	0.036
	LTE Band 30_Ant 2	10M	QPSK	1	0	Right Side	10mm	4	27710	2310	20.47	21.30	1.211	-0.04	0.513	0.621
	LTE Band 30_Ant 2	10M	QPSK	25	0	Right Side	10mm	4	27710	2310	20.53	21.30	1.194	0.02	0.502	0.599
	LTE Band 30_Ant 2	10M	QPSK	1	0	Bottom Side	10mm	4	27710	2310	20.47	21.30	1.211	0.01	0.165	0.200
	LTE Band 30_Ant 2	10M	QPSK	25	0	Bottom Side	10mm	4	27710	2310	20.53	21.30	1.194	0.02	0.163	0.195
	LTE Band 30_Ant 0	10M	QPSK	1	0	Front	10mm	4	27710	2310	17.55	19.25	1.479	-0.01	0.316	0.467
	LTE Band 30_Ant 0	10M	QPSK	25	0	Front	10mm	4	27710	2310	17.57	19.25	1.472	0.09	0.311	0.458
	LTE Band 30_Ant 0	10M	QPSK	1	0	Back	10mm	4	27710	2310	17.55	19.25	1.479	0	0.423	0.626
	LTE Band 30_Ant 0	10M	QPSK	25	0	Back	10mm	4	27710	2310	17.57	19.25	1.472	0.02	0.416	0.612
	LTE Band 30_Ant 0	10M	QPSK	1	0	Left Side	10mm	4	27710	2310	17.55	19.25	1.479	0.02	0.062	0.092
	LTE Band 30_Ant 0	10M	QPSK	25	0	Left Side	10mm	4	27710	2310	17.57	19.25	1.472	0.09	0.061	0.090
	LTE Band 30_Ant 0	10M	QPSK	1	0	Right Side	10mm	4	27710	2310	17.55	19.25	1.479	-0.02	0.028	0.041
	LTE Band 30_Ant 0	10M	QPSK	25	0	Right Side	10mm	4	27710	2310	17.57	19.25	1.472	0.01	0.028	0.041
49	LTE Band 30_Ant 0	10M	QPSK	1	0	Bottom Side	10mm	4	27710	2310	17.55	19.25	1.479	-0.1	0.572	0.846
	LTE Band 30_Ant 0	10M	QPSK	25	0	Bottom Side	10mm	4	27710	2310	17.57	19.25	1.472	0.01	0.560	0.824
	LTE Band 30_Ant 0	10M	QPSK	50	0	Bottom Side	10mm	4	27710	2310	17.47	19.25	1.507	0.03	0.561	0.845

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 41_Ant 2	20M	QPSK	1	0	Front	10mm	4	40620	2593	23.51	23.60	1.021	62.9	1.006	-0.02	0.480	0.493
	LTE Band 41_Ant 2	20M	QPSK	50	0	Front	10mm	4	40620	2593	23.06	23.60	1.132	62.9	1.006	0.1	0.428	0.488
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	4	40620	2593	23.51	23.60	1.021	62.9	1.006	-0.02	0.516	0.530
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	4	40620	2593	23.06	23.60	1.132	62.9	1.006	-0.11	0.460	0.524
	LTE Band 41_Ant 2	20M	QPSK	1	0	Left Side	10mm	4	40620	2593	23.51	23.60	1.021	62.9	1.006	-0.14	0.040	0.041
	LTE Band 41_Ant 2	20M	QPSK	50	0	Left Side	10mm	4	40620	2593	23.06	23.60	1.132	62.9	1.006	-0.11	0.035	0.040
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	40620	2593	23.51	23.60	1.021	62.9	1.006	-0.03	0.731	0.751
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	39750	2506	23.46	23.60	1.033	62.9	1.006	-0.11	0.629	0.654
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	40185	2549.5	23.50	23.60	1.023	62.9	1.006	-0.06	0.706	0.727
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	41055	2636.5	23.38	23.60	1.052	62.9	1.006	-0.18	0.704	0.745
	LTE Band 41_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	41490	2680	23.44	23.60	1.038	62.9	1.006	-0.17	0.712	0.743
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Side	10mm	4	40620	2593	23.06	23.60	1.132	62.9	1.006	0.06	0.650	0.740
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Side	10mm	4	39750	2506	23.04	23.60	1.138	62.9	1.006	0.05	0.587	0.672
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Side	10mm	4	40185	2549.5	23.05	23.60	1.135	62.9	1.006	-0.04	0.655	0.748
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Side	10mm	4	41055	2636.5	22.92	23.60	1.169	62.9	1.006	0.11	0.631	0.742
	LTE Band 41_Ant 2	20M	QPSK	50	0	Right Side	10mm	4	41490	2680	22.98	23.60	1.153	62.9	1.006	0.03	0.640	0.743
	LTE Band 41_Ant 2	20M	QPSK	100	0	Right Side	10mm	4	40620	2593	23.03	23.60	1.140	62.9	1.006	0.12	0.640	0.734
	LTE Band 41_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	4	40620	2593	23.51	23.60	1.021	62.9	1.006	0.03	0.133	0.137
	LTE Band 41_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	4	40620	2593	23.06	23.60	1.132	62.9	1.006	-0.12	0.117	0.133
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	40620	2593	24.91	25.20	1.069	42.9	1.009	0.1	0.636	0.686
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	39750	2506	24.85	25.20	1.084	42.9	1.009	0.07	0.560	0.612
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	40185	2549.5	24.90	25.20	1.072	42.9	1.009	-0.12	0.613	0.663
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	41055	2636.5	24.73	25.20	1.114	42.9	1.009	0.13	0.592	0.666
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	41490	2680	24.82	25.20	1.091	42.9	1.009	0.09	0.592	0.652
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	40620+40422	2593	22.74	23.00	1.062	62.9	1.006	0.01	0.556	0.594
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	4	40620	2593	19.88	21.15	1.340	62.9	1.006	-0.04	0.288	0.388
	LTE Band 41_Ant 0	20M	QPSK	50	0	Front	10mm	4	40620	2593	19.85	21.15	1.349	62.9	1.006	-0.16	0.279	0.379
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	4	40620	2593	19.88	21.15	1.340	62.9	1.006	-0.03	0.321	0.433
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	4	40620	2593	19.85	21.15	1.349	62.9	1.006	-0.06	0.317	0.430
	LTE Band 41_Ant 0	20M	QPSK	1	0	Left Side	10mm	4	40620	2593	19.88	21.15	1.340	62.9	1.006	-0.08	0.038	0.051
	LTE Band 41_Ant 0	20M	QPSK	50	0	Left Side	10mm	4	40620	2593	19.85	21.15	1.349	62.9	1.006	0.17	0.037	0.050
	LTE Band 41_Ant 0	20M	QPSK	1	0	Right Side	10mm	4	40620	2593	19.88	21.15	1.340	62.9	1.006	-0.04	0.030	0.040
	LTE Band 41_Ant 0	20M	QPSK	50	0	Right Side	10mm	4	40620	2593	19.85	21.15	1.349	62.9	1.006	0.07	0.025	0.034
50	LTE Band 41_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	40620	2593	19.88	21.15	1.340	62.9	1.006	-0.01	0.587	0.791
	LTE Band 41_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	39750	2506	19.84	21.15	1.352	62.9	1.006	0.16	0.580	0.789
	LTE Band 41_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	40185	2549.5	19.85	21.15	1.349	62.9	1.006	-0.13	0.540	0.733
	LTE Band 41_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	41055	2636.5	19.49	21.15	1.466	62.9	1.006	0.17	0.523	0.771
	LTE Band 41_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	41490	2680	19.63	21.15	1.419	62.9	1.006	0.11	0.498	0.711
	LTE Band 41_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	40620	2593	19.85	21.15	1.349	62.9	1.006	-0.03	0.569	0.772
	LTE Band 41_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	39750	2506	19.80	21.15	1.365	62.9	1.006	-0.07	0.557	0.765
	LTE Band 41_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	40185	2549.5	19.81	21.15	1.361	62.9	1.006	0.05	0.536	0.734
	LTE Band 41_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	41055	2636.5	19.47	21.15	1.472	62.9	1.006	0.01	0.517	0.766
	LTE Band 41_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	41490	2680	19.63	21.15	1.419	62.9	1.006	-0.03	0.488	0.697
	LTE Band 41_Ant 0	20M	QPSK	100	0	Bottom Side	10mm	4	40620	2593	19.83	21.15	1.355	62.9	1.006	0.05	0.466	0.635
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	40620	2593	21.52	22.75	1.327	42.9	1.009	0.16	0.521	0.698
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	39750	2506	21.50	22.75	1.334	42.9	1.009	-0.13	0.564	0.759
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	40185	2549.5	21.51	22.75	1.330	42.9	1.009	-0.16	0.456	0.612
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	41055	2636.5	20.96	22.75	1.510	42.9	1.009	-0.02	0.386	0.588
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	41490	2680	21.35	22.75	1.380	42.9	1.009	-0.01	0.479	0.667
	LTE ULCA_41C_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	40620+40422	2593	19.07	19.65	1.143	62.9	1.006	0.01	0.506	0.582

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 48_Ant 6	20M	QPSK	1	0	Front	10mm	4	55830	3609	21.16	21.90	1.186	62.9	1.006	-0.14	0.194	0.231
	LTE Band 48_Ant 6	20M	QPSK	50	0	Front	10mm	4	55830	3609	21.15	21.90	1.189	62.9	1.006	0.15	0.189	0.226
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	4	55830	3609	21.16	21.90	1.186	62.9	1.006	-0.11	0.431	0.514
	LTE Band 48_Ant 6	20M	QPSK	50	0	Back	10mm	4	55830	3609	21.15	21.90	1.189	62.9	1.006	-0.08	0.420	0.502
51	LTE Band 48_Ant 6	20M	QPSK	1	0	Left Side	10mm	4	55830	3609	21.16	21.90	1.186	62.9	1.006	0	0.507	0.605
	LTE Band 48_Ant 6	20M	QPSK	1	0	Left Side	10mm	4	55340	3560	21.06	21.90	1.213	62.9	1.006	0.11	0.422	0.515
	LTE Band 48_Ant 6	20M	QPSK	1	0	Left Side	10mm	4	56150	3641	21.13	21.90	1.194	62.9	1.006	-0.04	0.472	0.567
	LTE Band 48_Ant 6	20M	QPSK	1	0	Left Side	10mm	4	56640	3690	21.10	21.90	1.202	62.9	1.006	0.15	0.352	0.426
	LTE Band 48_Ant 6	20M	QPSK	50	0	Left Side	10mm	4	55830	3609	21.15	21.90	1.189	62.9	1.006	0.11	0.494	0.591
	LTE Band 48_Ant 6	20M	QPSK	100	0	Left Side	10mm	4	55830	3609	21.13	21.90	1.194	62.9	1.006	0.18	0.481	0.578
	LTE Band 48_Ant 6	20M	QPSK	1	0	Right Side	10mm	4	55830	3609	21.16	21.90	1.186	62.9	1.006	-0.15	0.054	0.064
	LTE Band 48_Ant 6	20M	QPSK	50	0	Right Side	10mm	4	55830	3609	21.15	21.90	1.189	62.9	1.006	0.15	0.047	0.056
	LTE Band 48_Ant 6	20M	QPSK	1	0	Bottom Side	10mm	4	55830	3609	21.16	21.90	1.186	62.9	1.006	0.03	0.232	0.277
	LTE Band 48_Ant 6	20M	QPSK	50	0	Bottom Side	10mm	4	55830	3609	21.15	21.90	1.189	62.9	1.006	-0.08	0.225	0.269
	LTE Band 48_Ant 7	20M	QPSK	1	0	Front	10mm	4	55830	3609	22.50	23.50	1.259	62.9	1.006	-0.14	0.221	0.280
	LTE Band 48_Ant 7	20M	QPSK	50	0	Front	10mm	4	55830	3609	21.91	23.40	1.409	62.9	1.006	0.14	0.194	0.275
	LTE Band 48_Ant 7	20M	QPSK	1	0	Back	10mm	4	55830	3609	22.50	23.50	1.259	62.9	1.006	-0.17	0.254	0.322
	LTE Band 48_Ant 7	20M	QPSK	50	0	Back	10mm	4	55830	3609	21.91	23.40	1.409	62.9	1.006	-0.08	0.211	0.299
	LTE Band 48_Ant 7	20M	QPSK	1	0	Left Side	10mm	4	55830	3609	22.50	23.50	1.259	62.9	1.006	0.11	0.074	0.094
	LTE Band 48_Ant 7	20M	QPSK	50	0	Left Side	10mm	4	55830	3609	21.91	23.40	1.409	62.9	1.006	0.11	0.065	0.092
	LTE Band 48_Ant 7	20M	QPSK	1	0	Right Side	10mm	4	55830	3609	22.50	23.50	1.259	62.9	1.006	0	0.437	0.553
	LTE Band 48_Ant 7	20M	QPSK	50	0	Right Side	10mm	4	55830	3609	21.91	23.40	1.409	62.9	1.006	-0.05	0.386	0.547
	LTE Band 48_Ant 7	20M	QPSK	1	0	Bottom Side	10mm	4	55830	3609	22.50	23.50	1.259	62.9	1.006	-0.09	0.168	0.213
	LTE Band 48_Ant 7	20M	QPSK	50	0	Bottom Side	10mm	4	55830	3609	21.91	23.40	1.409	62.9	1.006	0.16	0.141	0.200

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 66_Ant 2	20M	QPSK	1	0	Front	10mm	4	132322	1745	20.91	21.90	1.256	0.05	0.238	0.299
	LTE Band 66_Ant 2	20M	QPSK	50	0	Front	10mm	4	132322	1745	20.96	21.90	1.242	0.01	0.233	0.289
	LTE Band 66_Ant 2	20M	QPSK	1	0	Back	10mm	4	132322	1745	20.91	21.90	1.256	0.03	0.299	0.376
	LTE Band 66_Ant 2	20M	QPSK	50	0	Back	10mm	4	132322	1745	20.96	21.90	1.242	-0.19	0.242	0.300
	LTE Band 66_Ant 2	20M	QPSK	1	0	Left Side	10mm	4	132322	1745	20.91	21.90	1.256	0.04	0.050	0.063
	LTE Band 66_Ant 2	20M	QPSK	50	0	Left Side	10mm	4	132322	1745	20.96	21.90	1.242	-0.05	0.052	0.065
	LTE Band 66_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	132322	1745	20.91	21.90	1.256	-0.02	0.311	0.391
	LTE Band 66_Ant 2	20M	QPSK	50	0	Right Side	10mm	4	132322	1745	20.96	21.90	1.242	-0.15	0.284	0.353
	LTE Band 66_Ant 2	20M	QPSK	1	0	Bottom Side	10mm	4	132322	1745	20.91	21.90	1.256	0.16	0.199	0.250
	LTE Band 66_Ant 2	20M	QPSK	50	0	Bottom Side	10mm	4	132322	1745	20.96	21.90	1.242	0	0.208	0.258
	LTE ULCA_66B_Ant 2	15M	QPSK	1	74	Right Side	10mm	4	132047+132140	1717.5	21.53	21.90	1.089	0.03	0.349	0.380
	LTE ULCA_66C_Ant 2	20M	QPSK	1	0	Right Side	10mm	4	132322+132124	1745	21.61	21.90	1.069	-0.09	0.359	0.384
	LTE Band 66_Ant 0	20M	QPSK	1	0	Front	10mm	4	132322	1745	18.67	19.15	1.117	-0.11	0.404	0.451
	LTE Band 66_Ant 0	20M	QPSK	50	0	Front	10mm	4	132322	1745	18.75	19.15	1.096	0.06	0.416	0.456
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	4	132322	1745	18.67	19.15	1.117	0.02	0.534	0.596
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	4	132322	1745	18.75	19.15	1.096	0.12	0.516	0.566
	LTE Band 66_Ant 0	20M	QPSK	1	0	Left Side	10mm	4	132322	1745	18.67	19.15	1.117	-0.12	0.086	0.096
	LTE Band 66_Ant 0	20M	QPSK	50	0	Left Side	10mm	4	132322	1745	18.75	19.15	1.096	-0.18	0.127	0.139
	LTE Band 66_Ant 0	20M	QPSK	1	0	Right Side	10mm	4	132322	1745	18.67	19.15	1.117	0.06	0.020	0.022
	LTE Band 66_Ant 0	20M	QPSK	50	0	Right Side	10mm	4	132322	1745	18.75	19.15	1.096	-0.03	0.015	0.016
	LTE Band 66_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	132322	1745	18.67	19.15	1.117	0.15	0.748	0.835
	LTE Band 66_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	132072	1720	18.65	19.15	1.122	0.16	0.704	0.790
	LTE Band 66_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	132572	1770	18.52	19.15	1.156	0.16	0.705	0.815
	LTE Band 66_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	132322	1745	18.75	19.15	1.096	0.08	0.735	0.806
	LTE Band 66_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	132072	1720	18.74	19.15	1.099	0.11	0.698	0.767
	LTE Band 66_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	132572	1770	18.54	19.15	1.151	-0.07	0.693	0.798
	LTE Band 66_Ant 0	20M	QPSK	100	0	Bottom Side	10mm	4	132322	1745	18.71	19.15	1.107	0.03	0.716	0.792
	LTE ULCA_66B_Ant 0	15M	QPSK	1	74	Bottom Side	10mm	4	132047+132140	1717.5	18.97	19.15	1.042	0.03	0.761	0.793
	LTE ULCA_66C_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	132572+132374	1770	18.99	19.15	1.038	-0.12	0.755	0.783
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	4	132322	1745	21.65	22.4	1.189	0.01	0.222	0.264
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	4	132322	1745	21.61	22.4	1.199	-0.11	0.253	0.303
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	4	132322	1745	21.65	22.4	1.189	-0.06	0.520	0.618
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	4	132322	1745	21.61	22.4	1.199	0.04	0.698	0.837
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	4	132072	1720	21.6	22.4	1.202	-0.04	0.524	0.630
52	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	4	132572	1770	21.58	22.4	1.208	0.01	0.699	0.844
	LTE Band 66_Ant 1	20M	QPSK	100	0	Back	10mm	4	132322	1745	21.56	22.4	1.213	0.02	0.608	0.738
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	4	132322	1745	21.65	22.4	1.189	-0.09	0.099	0.118
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Side	10mm	4	132322	1745	21.61	22.4	1.199	-0.14	0.106	0.127
	LTE Band 66_Ant 1	20M	QPSK	1	0	Right Side	10mm	4	132322	1745	21.65	22.4	1.189	-0.1	0.001	0.001
	LTE Band 66_Ant 1	20M	QPSK	50	0	Right Side	10mm	4	132322	1745	21.61	22.4	1.199	-0.05	0.007	0.008
	LTE Band 66_Ant 1	20M	QPSK	1	0	Top Side	10mm	4	132322	1745	21.65	22.4	1.189	0.03	0.349	0.415
	LTE Band 66_Ant 1	20M	QPSK	50	0	Top Side	10mm	4	132322	1745	21.61	22.4	1.199	-0.01	0.378	0.453
	LTE Band 66_Ant 5	20M	QPSK	1	0	Front	10mm	4	132322	1745	23.01	24.40	1.377	-0.18	0.391	0.538
	LTE Band 66_Ant 5	20M	QPSK	50	0	Front	10mm	4	132322	1745	22.38	23.80	1.387	-0.03	0.338	0.469
	LTE Band 66_Ant 5	20M	QPSK	1	0	Back	10mm	4	132322	1745	23.01	24.40	1.377	-0.01	0.440	0.606
	LTE Band 66_Ant 5	20M	QPSK	50	0	Back	10mm	4	132322	1745	22.38	23.80	1.387	0.05	0.384	0.533
	LTE Band 66_Ant 5	20M	QPSK	1	0	Left Side	10mm	4	132322	1745	23.01	24.40	1.377	-0.16	0.043	0.059
	LTE Band 66_Ant 5	20M	QPSK	50	0	Left Side	10mm	4	132322	1745	22.38	23.80	1.387	0.04	0.034	0.047
	LTE Band 66_Ant 5	20M	QPSK	1	0	Right Side	10mm	4	132322	1745	23.01	24.40	1.377	0	0.558	0.768
	LTE Band 66_Ant 5	20M	QPSK	50	0	Right Side	10mm	4	132322	1745	22.38	23.80	1.387	-0.05	0.451	0.625
	LTE Band 66_Ant 5	20M	QPSK	1	0	Top Side	10mm	4	132322	1745	23.01	24.40	1.377	-0.03	0.170	0.234
	LTE Band 66_Ant 5	20M	QPSK	50	0	Top Side	10mm	4	132322	1745	22.38	23.80	1.387	0.04	0.163	0.226

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 71_Ant 0	20M	QPSK	1	0	Front	10mm	4	133297	680.5	24.00	25.00	1.259	0.02	0.290	0.365
	LTE Band 71_Ant 0	20M	QPSK	50	0	Front	10mm	4	133297	680.5	22.93	24.00	1.279	-0.08	0.243	0.311
	LTE Band 71_Ant 0	20M	QPSK	1	0	Back	10mm	4	133297	680.5	24.00	25.00	1.259	-0.04	0.377	0.475
	LTE Band 71_Ant 0	20M	QPSK	50	0	Back	10mm	4	133297	680.5	22.93	24.00	1.279	-0.15	0.281	0.360
53	LTE Band 71_Ant 0	20M	QPSK	1	0	Left Side	10mm	4	133297	680.5	24.00	25.00	1.259	0.05	0.383	0.482
	LTE Band 71_Ant 0	20M	QPSK	50	0	Left Side	10mm	4	133297	680.5	22.93	24.00	1.279	-0.04	0.339	0.434
	LTE Band 71_Ant 0	20M	QPSK	1	0	Right Side	10mm	4	133297	680.5	24.00	25.00	1.259	-0.01	0.181	0.228
	LTE Band 71_Ant 0	20M	QPSK	50	0	Right Side	10mm	4	133297	680.5	22.93	24.00	1.279	0.04	0.140	0.179
	LTE Band 71_Ant 0	20M	QPSK	1	0	Bottom Side	10mm	4	133297	680.5	24.00	25.00	1.259	0	0.259	0.326
	LTE Band 71_Ant 0	20M	QPSK	50	0	Bottom Side	10mm	4	133297	680.5	22.93	24.00	1.279	-0.06	0.202	0.258
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	4	133297	680.5	24.45	25.00	1.135	-0.01	0.224	0.254
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	4	133297	680.5	23.43	24.00	1.140	0.11	0.168	0.192
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	10mm	4	133297	680.5	24.45	25.00	1.135	0.04	0.268	0.304
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	10mm	4	133297	680.5	23.43	24.00	1.140	-0.03	0.217	0.247
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	10mm	4	133297	680.5	24.45	25.00	1.135	-0.04	0.267	0.303
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Side	10mm	4	133297	680.5	23.43	24.00	1.140	-0.01	0.214	0.244
	LTE Band 71_Ant 1	20M	QPSK	1	0	Right Side	10mm	4	133297	680.5	24.45	25.00	1.135	-0.02	0.168	0.191
	LTE Band 71_Ant 1	20M	QPSK	50	0	Right Side	10mm	4	133297	680.5	23.43	24.00	1.140	-0.12	0.090	0.103
	LTE Band 71_Ant 1	20M	QPSK	1	0	Top Side	10mm	4	133297	680.5	24.45	25.00	1.135	-0.12	0.073	0.083
	LTE Band 71_Ant 1	20M	QPSK	50	0	Top Side	10mm	4	133297	680.5	23.43	24.00	1.140	0.01	0.043	0.049

<5G NR SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n7_Ant 2	50M	BPSK	1	1	Front	10mm	4	507000	2535	21.36	21.40	1.009	0.15	0.393	0.397
	FR1 n7_Ant 2	50M	BPSK	135	68	Front	10mm	4	507000	2535	21.26	21.40	1.033	0.07	0.503	0.519
	FR1 n7_Ant 2	50M	BPSK	1	1	Back	10mm	4	507000	2535	21.36	21.40	1.009	-0.02	0.531	0.536
	FR1 n7_Ant 2	50M	BPSK	135	68	Back	10mm	4	507000	2535	21.26	21.40	1.033	0.06	0.477	0.493
	FR1 n7_Ant 2	50M	BPSK	1	1	Left Side	10mm	4	507000	2535	21.36	21.40	1.009	-0.06	0.052	0.052
	FR1 n7_Ant 2	50M	BPSK	135	68	Left Side	10mm	4	507000	2535	21.26	21.40	1.033	0.06	0.047	0.049
54	FR1 n7_Ant 2	50M	BPSK	1	1	Right Side	10mm	4	507000	2535	21.36	21.40	1.009	-0.02	0.842	0.850
	FR1 n7_Ant 2	50M	BPSK	135	68	Right Side	10mm	4	507000	2535	21.26	21.40	1.033	0.11	0.800	0.826
	FR1 n7_Ant 2	50M	BPSK	270	0	Right Side	10mm	4	507000	2535	21.26	21.40	1.033	-0.04	0.810	0.837
	FR1 n7_Ant 2	50M	BPSK	1	1	Bottom Side	10mm	4	507000	2535	21.36	21.40	1.009	0.06	0.214	0.216
	FR1 n7_Ant 2	50M	BPSK	135	68	Bottom Side	10mm	4	507000	2535	21.26	21.40	1.033	0.07	0.230	0.238
	FR1 n7_Ant 0	50M	BPSK	1	1	Front	10mm	4	507000	2535	17.37	18.25	1.225	-0.17	0.285	0.349
	FR1 n7_Ant 0	50M	BPSK	135	68	Front	10mm	4	507000	2535	17.22	18.25	1.268	0.01	0.265	0.336
	FR1 n7_Ant 0	50M	BPSK	1	1	Back	10mm	4	507000	2535	17.37	18.25	1.225	-0.03	0.323	0.396
	FR1 n7_Ant 0	50M	BPSK	135	68	Back	10mm	4	507000	2535	17.22	18.25	1.268	-0.05	0.283	0.359
	FR1 n7_Ant 0	50M	BPSK	1	1	Left Side	10mm	4	507000	2535	17.37	18.25	1.225	-0.06	0.043	0.053
	FR1 n7_Ant 0	50M	BPSK	135	68	Left Side	10mm	4	507000	2535	17.22	18.25	1.268	-0.01	0.036	0.046
	FR1 n7_Ant 0	50M	BPSK	1	1	Right Side	10mm	4	507000	2535	17.37	18.25	1.225	0.04	0.030	0.037
	FR1 n7_Ant 0	50M	BPSK	135	68	Right Side	10mm	4	507000	2535	17.22	18.25	1.268	-0.19	0.026	0.033
	FR1 n7_Ant 0	50M	BPSK	1	1	Bottom Side	10mm	4	507000	2535	17.37	18.25	1.225	0	0.658	0.806
	FR1 n7_Ant 0	50M	BPSK	135	68	Bottom Side	10mm	4	507000	2535	17.22	18.25	1.268	0.05	0.579	0.734
	FR1 n7_Ant 0	50M	BPSK	270	0	Bottom Side	10mm	4	507000	2535	17.18	18.25	1.279	0.03	0.577	0.738

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n12_Ant 0	15M	BPSK	1	1	Front	10mm	4	141500	707.5	24.35	25.00	1.161	-0.15	0.338	0.393
	FR1 n12_Ant 0	15M	BPSK	36	22	Front	10mm	4	141500	707.5	24.27	25.00	1.183	0.15	0.330	0.390
	FR1 n12_Ant 0	15M	BPSK	1	1	Back	10mm	4	141500	707.5	24.35	25.00	1.161	-0.03	0.296	0.344
	FR1 n12_Ant 0	15M	BPSK	36	22	Back	10mm	4	141500	707.5	24.27	25.00	1.183	0.11	0.260	0.308
55	FR1 n12_Ant 0	15M	BPSK	1	1	Left Side	10mm	4	141500	707.5	24.35	25.00	1.161	0	0.481	0.559
	FR1 n12_Ant 0	15M	BPSK	36	22	Left Side	10mm	4	141500	707.5	24.27	25.00	1.183	-0.19	0.453	0.536
	FR1 n12_Ant 0	15M	BPSK	1	1	Right Side	10mm	4	141500	707.5	24.35	25.00	1.161	-0.01	0.223	0.259
	FR1 n12_Ant 0	15M	BPSK	36	22	Right Side	10mm	4	141500	707.5	24.27	25.00	1.183	0.09	0.219	0.259
	FR1 n12_Ant 0	15M	BPSK	1	1	Bottom Side	10mm	4	141500	707.5	24.35	25.00	1.161	-0.04	0.253	0.294
	FR1 n12_Ant 0	15M	BPSK	36	22	Bottom Side	10mm	4	141500	707.5	24.27	25.00	1.183	0.15	0.223	0.264
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	10mm	4	141500	707.5	24.16	25.00	1.213	-0.02	0.226	0.274
	FR1 n12_Ant 1	15M	BPSK	36	22	Front	10mm	4	141500	707.5	24.15	25.00	1.216	0.01	0.223	0.271
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	10mm	4	141500	707.5	24.16	25.00	1.213	-0.02	0.188	0.228
	FR1 n12_Ant 1	15M	BPSK	36	22	Back	10mm	4	141500	707.5	24.15	25.00	1.216	0.09	0.170	0.207
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Side	10mm	4	141500	707.5	24.16	25.00	1.213	-0.02	0.260	0.315
	FR1 n12_Ant 1	15M	BPSK	36	22	Left Side	10mm	4	141500	707.5	24.15	25.00	1.216	-0.07	0.223	0.271
	FR1 n12_Ant 1	15M	BPSK	1	1	Right Side	10mm	4	141500	707.5	24.16	25.00	1.213	-0.11	0.191	0.232
	FR1 n12_Ant 1	15M	BPSK	36	22	Right Side	10mm	4	141500	707.5	24.15	25.00	1.216	-0.19	0.177	0.215
	FR1 n12_Ant 1	15M	BPSK	1	1	Top Side	10mm	4	141500	707.5	24.16	25.00	1.213	-0.04	0.075	0.091
	FR1 n12_Ant 1	15M	BPSK	36	22	Top Side	10mm	4	141500	707.5	24.15	25.00	1.216	0.15	0.073	0.089
	FR1 n14_Ant 0	10M	BPSK	1	1	Front	10mm	4	158600	793	24.28	25.00	1.180	0.02	0.323	0.381
	FR1 n14_Ant 0	10M	BPSK	25	14	Front	10mm	4	158600	793	24.25	25.00	1.189	-0.11	0.310	0.368
56	FR1 n14_Ant 0	10M	BPSK	1	1	Back	10mm	4	158600	793	24.28	25.00	1.180	-0.02	0.475	0.561
	FR1 n14_Ant 0	10M	BPSK	25	14	Back	10mm	4	158600	793	24.25	25.00	1.189	0.18	0.443	0.527
	FR1 n14_Ant 0	10M	BPSK	1	1	Left Side	10mm	4	158600	793	24.28	25.00	1.180	-0.07	0.380	0.449
	FR1 n14_Ant 0	10M	BPSK	25	14	Left Side	10mm	4	158600	793	24.25	25.00	1.189	-0.01	0.357	0.424
	FR1 n14_Ant 0	10M	BPSK	1	1	Right Side	10mm	4	158600	793	24.28	25.00	1.180	-0.04	0.253	0.299
	FR1 n14_Ant 0	10M	BPSK	25	14	Right Side	10mm	4	158600	793	24.25	25.00	1.189	0.1	0.243	0.289
	FR1 n14_Ant 0	10M	BPSK	1	1	Bottom Side	10mm	4	158600	793	24.28	25.00	1.180	-0.06	0.404	0.477
	FR1 n14_Ant 0	10M	BPSK	25	14	Bottom Side	10mm	4	158600	793	24.25	25.00	1.189	-0.11	0.400	0.475
	FR1 n14_Ant 1	10M	BPSK	1	1	Front	10mm	4	158600	793	24.08	25.00	1.236	0.09	0.249	0.308
	FR1 n14_Ant 1	10M	BPSK	25	14	Front	10mm	4	158600	793	24.06	25.00	1.242	-0.09	0.267	0.332
	FR1 n14_Ant 1	10M	BPSK	1	1	Back	10mm	4	158600	793	24.08	25.00	1.236	0.01	0.270	0.334
	FR1 n14_Ant 1	10M	BPSK	25	14	Back	10mm	4	158600	793	24.06	25.00	1.242	-0.01	0.306	0.380
	FR1 n14_Ant 1	10M	BPSK	1	1	Left Side	10mm	4	158600	793	24.08	25.00	1.236	0.06	0.110	0.136
	FR1 n14_Ant 1	10M	BPSK	25	14	Left Side	10mm	4	158600	793	24.06	25.00	1.242	-0.01	0.135	0.168
	FR1 n14_Ant 1	10M	BPSK	1	1	Right Side	10mm	4	158600	793	24.08	25.00	1.236	-0.01	0.187	0.231
	FR1 n14_Ant 1	10M	BPSK	25	14	Right Side	10mm	4	158600	793	24.06	25.00	1.242	-0.03	0.189	0.235
	FR1 n14_Ant 1	10M	BPSK	1	1	Top Side	10mm	4	158600	793	24.08	25.00	1.236	0	0.114	0.141
	FR1 n14_Ant 1	10M	BPSK	25	14	Top Side	10mm	4	158600	793	24.06	25.00	1.242	-0.1	0.122	0.151

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n25_Ant 2	40M	BPSK	1	1	Front	10mm	4	376500	1882.5	20.05	21.20	1.303	-0.12	0.262	0.341
	FR1 n25_Ant 2	40M	BPSK	108	54	Front	10mm	4	376500	1882.5	20.04	21.20	1.306	-0.02	0.260	0.340
	FR1 n25_Ant 2	40M	BPSK	1	1	Back	10mm	4	376500	1882.5	20.05	21.20	1.303	-0.04	0.313	0.408
	FR1 n25_Ant 2	40M	BPSK	108	54	Back	10mm	4	376500	1882.5	20.04	21.20	1.306	0.01	0.305	0.398
	FR1 n25_Ant 2	40M	BPSK	1	1	Left Side	10mm	4	376500	1882.5	20.05	21.20	1.303	0.18	0.039	0.051
	FR1 n25_Ant 2	40M	BPSK	108	54	Left Side	10mm	4	376500	1882.5	20.04	21.20	1.306	0.09	0.064	0.084
	FR1 n25_Ant 2	40M	BPSK	1	1	Right Side	10mm	4	376500	1882.5	20.05	21.20	1.303	0.11	0.360	0.469
	FR1 n25_Ant 2	40M	BPSK	108	54	Right Side	10mm	4	376500	1882.5	20.04	21.20	1.306	-0.04	0.382	0.499
	FR1 n25_Ant 2	40M	BPSK	1	1	Bottom Side	10mm	4	376500	1882.5	20.05	21.20	1.303	-0.01	0.163	0.212
	FR1 n25_Ant 2	40M	BPSK	108	54	Bottom Side	10mm	4	376500	1882.5	20.04	21.20	1.306	-0.08	0.150	0.196
	FR1 n25_Ant 0	40M	BPSK	1	1	Front	10mm	4	376500	1882.5	16.85	18.45	1.445	-0.08	0.165	0.238
	FR1 n25_Ant 0	40M	BPSK	108	54	Front	10mm	4	376500	1882.5	16.96	18.45	1.409	0.13	0.243	0.342
	FR1 n25_Ant 0	40M	BPSK	1	1	Back	10mm	4	376500	1882.5	16.85	18.45	1.445	-0.05	0.246	0.356
	FR1 n25_Ant 0	40M	BPSK	108	54	Back	10mm	4	376500	1882.5	16.96	18.45	1.409	-0.01	0.355	0.500
	FR1 n25_Ant 0	40M	BPSK	1	1	Left Side	10mm	4	376500	1882.5	16.85	18.45	1.445	0.01	0.058	0.084
	FR1 n25_Ant 0	40M	BPSK	108	54	Left Side	10mm	4	376500	1882.5	16.96	18.45	1.409	-0.07	0.078	0.110
	FR1 n25_Ant 0	40M	BPSK	1	1	Right Side	10mm	4	376500	1882.5	16.85	18.45	1.445	0.01	0.001	0.001
	FR1 n25_Ant 0	40M	BPSK	108	54	Right Side	10mm	4	376500	1882.5	16.96	18.45	1.409	0.01	0.010	0.014
	FR1 n25_Ant 0	40M	BPSK	1	1	Bottom Side	10mm	4	376500	1882.5	16.85	18.45	1.445	0.16	0.330	0.477
	FR1 n25_Ant 0	40M	BPSK	108	54	Bottom Side	10mm	4	376500	1882.5	16.96	18.45	1.409	0	0.498	0.702
	FR1 n25_Ant 1	40M	BPSK	1	1	Front	10mm	4	376500	1882.5	21.02	21.9	1.225	0.05	0.500	0.612
	FR1 n25_Ant 1	40M	BPSK	108	54	Front	10mm	4	376500	1882.5	21.01	21.9	1.227	-0.02	0.557	0.684
	FR1 n25_Ant 1	40M	BPSK	1	1	Back	10mm	4	376500	1882.5	21.02	21.9	1.225	0.01	0.566	0.693
	FR1 n25_Ant 1	40M	BPSK	108	54	Back	10mm	4	376500	1882.5	21.01	21.9	1.227	-0.17	0.681	0.836
	FR1 n25_Ant 1	40M	BPSK	216	0	Back	10mm	4	376500	1882.5	21	21.9	1.230	-0.07	0.659	0.811
	FR1 n25_Ant 1	40M	BPSK	1	1	Left Side	10mm	4	376500	1882.5	21.02	21.9	1.225	0.08	0.339	0.415
	FR1 n25_Ant 1	40M	BPSK	108	54	Left Side	10mm	4	376500	1882.5	21.01	21.9	1.227	-0.05	0.350	0.430
	FR1 n25_Ant 1	40M	BPSK	1	1	Right Side	10mm	4	376500	1882.5	21.02	21.9	1.225	0.02	0.121	0.148
	FR1 n25_Ant 1	40M	BPSK	108	54	Right Side	10mm	4	376500	1882.5	21.01	21.9	1.227	-0.07	0.127	0.156
57	FR1 n25_Ant 1	40M	BPSK	1	1	Top Side	10mm	4	376500	1882.5	21.02	21.9	1.225	-0.01	0.693	0.849
	FR1 n25_Ant 1	40M	BPSK	108	54	Top Side	10mm	4	376500	1882.5	21.01	21.9	1.227	-0.01	0.662	0.813
	FR1 n25_Ant 1	40M	BPSK	216	0	Top Side	10mm	4	376500	1882.5	21	21.9	1.230	0.06	0.686	0.844
	FR1 n25_Ant 5	40M	BPSK	1	1	Front	10mm	4	376500	1882.5	23.41	24.80	1.377	-0.13	0.259	0.357
	FR1 n25_Ant 5	40M	BPSK	108	54	Front	10mm	4	376500	1882.5	23.28	24.80	1.419	-0.12	0.270	0.383
	FR1 n25_Ant 5	40M	BPSK	1	1	Back	10mm	4	376500	1882.5	23.41	24.80	1.377	0.07	0.306	0.421
	FR1 n25_Ant 5	40M	BPSK	108	54	Back	10mm	4	376500	1882.5	23.28	24.80	1.419	0.18	0.343	0.487
	FR1 n25_Ant 5	40M	BPSK	1	1	Left Side	10mm	4	376500	1882.5	23.41	24.80	1.377	0.02	0.078	0.107
	FR1 n25_Ant 5	40M	BPSK	108	54	Left Side	10mm	4	376500	1882.5	23.28	24.80	1.419	-0.16	0.094	0.133
	FR1 n25_Ant 5	40M	BPSK	1	1	Right Side	10mm	4	376500	1882.5	23.41	24.80	1.377	0.09	0.425	0.585
	FR1 n25_Ant 5	40M	BPSK	108	54	Right Side	10mm	4	376500	1882.5	23.28	24.80	1.419	-0.09	0.461	0.654
	FR1 n25_Ant 5	40M	BPSK	1	1	Top Side	10mm	4	376500	1882.5	23.41	24.80	1.377	0.01	0.132	0.182
	FR1 n25_Ant 5	40M	BPSK	108	54	Top Side	10mm	4	376500	1882.5	23.28	24.80	1.419	-0.1	0.133	0.189

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n26_Ant 0	20M	BPSK	1	1	Front	10mm	4	166300	831.5	24.28	25.00	1.180	0.03	0.356	0.420
	FR1 n26_Ant 0	20M	BPSK	50	28	Front	10mm	4	166300	831.5	24.20	25.00	1.202	-0.02	0.389	0.468
58	FR1 n26_Ant 0	20M	BPSK	1	1	Back	10mm	4	166300	831.5	24.28	25.00	1.180	-0.06	0.620	0.732
	FR1 n26_Ant 0	20M	BPSK	50	28	Back	10mm	4	166300	831.5	24.20	25.00	1.202	0.19	0.572	0.688
	FR1 n26_Ant 0	20M	BPSK	1	1	Left Side	10mm	4	166300	831.5	24.28	25.00	1.180	0	0.404	0.477
	FR1 n26_Ant 0	20M	BPSK	50	28	Left Side	10mm	4	166300	831.5	24.20	25.00	1.202	-0.03	0.382	0.459
	FR1 n26_Ant 0	20M	BPSK	1	1	Right Side	10mm	4	166300	831.5	24.28	25.00	1.180	-0.12	0.122	0.144
	FR1 n26_Ant 0	20M	BPSK	50	28	Right Side	10mm	4	166300	831.5	24.20	25.00	1.202	-0.1	0.117	0.141
	FR1 n26_Ant 0	20M	BPSK	1	1	Bottom Side	10mm	4	166300	831.5	24.28	25.00	1.180	0.16	0.355	0.419
	FR1 n26_Ant 0	20M	BPSK	50	28	Bottom Side	10mm	4	166300	831.5	24.20	25.00	1.202	0.17	0.387	0.465
	FR1 n26_Ant 1	20M	BPSK	1	1	Front	10mm	4	166300	831.5	24.11	25.00	1.227	-0.16	0.294	0.361
	FR1 n26_Ant 1	20M	BPSK	50	28	Front	10mm	4	166300	831.5	24.07	25.00	1.239	-0.15	0.306	0.379
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	4	166300	831.5	24.11	25.00	1.227	-0.01	0.354	0.435
	FR1 n26_Ant 1	20M	BPSK	50	28	Back	10mm	4	166300	831.5	24.07	25.00	1.239	0.08	0.318	0.394
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	10mm	4	166300	831.5	24.11	25.00	1.227	0.17	0.132	0.162
	FR1 n26_Ant 1	20M	BPSK	50	28	Left Side	10mm	4	166300	831.5	24.07	25.00	1.239	-0.1	0.125	0.155
	FR1 n26_Ant 1	20M	BPSK	1	1	Right Side	10mm	4	166300	831.5	24.11	25.00	1.227	0.17	0.214	0.263
	FR1 n26_Ant 1	20M	BPSK	50	28	Right Side	10mm	4	166300	831.5	24.07	25.00	1.239	0.12	0.204	0.253
	FR1 n26_Ant 1	20M	BPSK	1	1	Top Side	10mm	4	166300	831.5	24.11	25.00	1.227	-0.12	0.189	0.232
	FR1 n26_Ant 1	20M	BPSK	50	28	Top Side	10mm	4	166300	831.5	24.07	25.00	1.239	0.08	0.202	0.250
	FR1 n30_Ant 2	10M	BPSK	1	1	Front	10mm	4	462000	2310	20.67	21.10	1.104	0.02	0.359	0.396
	FR1 n30_Ant 2	10M	BPSK	25	14	Front	10mm	4	462000	2310	20.64	21.10	1.112	-0.02	0.350	0.389
	FR1 n30_Ant 2	10M	BPSK	1	1	Back	10mm	4	462000	2310	20.67	21.10	1.104	-0.02	0.483	0.533
	FR1 n30_Ant 2	10M	BPSK	25	14	Back	10mm	4	462000	2310	20.64	21.10	1.112	0.09	0.477	0.530
	FR1 n30_Ant 2	10M	BPSK	1	1	Left Side	10mm	4	462000	2310	20.67	21.10	1.104	-0.11	0.028	0.031
	FR1 n30_Ant 2	10M	BPSK	25	14	Left Side	10mm	4	462000	2310	20.64	21.10	1.112	0.11	0.026	0.029
	FR1 n30_Ant 2	10M	BPSK	1	1	Right Side	10mm	4	462000	2310	20.67	21.10	1.104	0	0.544	0.601
	FR1 n30_Ant 2	10M	BPSK	25	14	Right Side	10mm	4	462000	2310	20.64	21.10	1.112	-0.08	0.535	0.595
	FR1 n30_Ant 2	10M	BPSK	1	1	Bottom Side	10mm	4	462000	2310	20.67	21.10	1.104	0.01	0.185	0.204
	FR1 n30_Ant 2	10M	BPSK	25	14	Bottom Side	10mm	4	462000	2310	20.64	21.10	1.112	0.11	0.181	0.201
	FR1 n30_Ant 0	10M	BPSK	1	1	Front	10mm	4	462000	2310	17.53	19.15	1.452	-0.17	0.296	0.430
	FR1 n30_Ant 0	10M	BPSK	25	14	Front	10mm	4	462000	2310	17.54	19.15	1.449	0.11	0.290	0.420
	FR1 n30_Ant 0	10M	BPSK	1	1	Back	10mm	4	462000	2310	17.53	19.15	1.452	0.11	0.348	0.505
	FR1 n30_Ant 0	10M	BPSK	25	14	Back	10mm	4	462000	2310	17.54	19.15	1.449	-0.08	0.340	0.493
	FR1 n30_Ant 0	10M	BPSK	1	1	Left Side	10mm	4	462000	2310	17.53	19.15	1.452	-0.07	0.064	0.093
	FR1 n30_Ant 0	10M	BPSK	25	14	Left Side	10mm	4	462000	2310	17.54	19.15	1.449	-0.04	0.061	0.088
	FR1 n30_Ant 0	10M	BPSK	1	1	Right Side	10mm	4	462000	2310	17.53	19.15	1.452	-0.15	0.027	0.039
	FR1 n30_Ant 0	10M	BPSK	25	14	Right Side	10mm	4	462000	2310	17.54	19.15	1.449	0.15	0.025	0.036
59	FR1 n30_Ant 0	10M	BPSK	1	1	Bottom Side	10mm	4	462000	2310	17.53	19.15	1.452	-0.05	0.585	0.849
	FR1 n30_Ant 0	10M	BPSK	25	14	Bottom Side	10mm	4	462000	2310	17.54	19.15	1.449	0.14	0.566	0.820
	FR1 n30_Ant 0	10M	BPSK	50	0	Bottom Side	10mm	4	462000	2310	17.48	19.15	1.469	-0.08	0.557	0.818

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	4	518598	2592.99	20.10	20.70	1.148	-0.03	0.295	0.339
	FR1 n41_Ant 2	100M	BPSK	135	69	Front	10mm	4	518598	2592.99	19.84	20.70	1.219	-0.04	0.300	0.366
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	4	518598	2592.99	20.10	20.70	1.148	0.04	0.418	0.480
	FR1 n41_Ant 2	100M	BPSK	135	69	Back	10mm	4	518598	2592.99	19.84	20.70	1.219	0.01	0.388	0.473
	FR1 n41_Ant 2	100M	BPSK	1	1	Left Side	10mm	4	518598	2592.99	20.10	20.70	1.148	0.13	0.016	0.018
	FR1 n41_Ant 2	100M	BPSK	135	69	Left Side	10mm	4	518598	2592.99	19.84	20.70	1.219	-0.16	0.018	0.022
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	10mm	4	518598	2592.99	20.10	20.70	1.148	0.08	0.507	0.582
	FR1 n41_Ant 2	100M	BPSK	135	69	Right Side	10mm	4	518598	2592.99	19.84	20.70	1.219	0	0.512	0.624
	FR1 n41_Ant 2	100M	BPSK	1	1	Bottom Side	10mm	4	518598	2592.99	20.10	20.70	1.148	-0.02	0.111	0.127
	FR1 n41_Ant 2	100M	BPSK	135	69	Bottom Side	10mm	4	518598	2592.99	19.84	20.70	1.219	0.07	0.114	0.139
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Right Side	10mm	4	518598	2592.99	23.14	23.70	1.138	-0.06	0.502	0.571
	FR1 n41_Ant 0	100M	BPSK	1	1	Front	10mm	4	518598	2592.99	16.33	18.05	1.486	0.05	0.287	0.426
	FR1 n41_Ant 0	100M	BPSK	135	69	Front	10mm	4	518598	2592.99	16.27	18.05	1.507	-0.02	0.199	0.300
	FR1 n41_Ant 0	100M	BPSK	1	1	Back	10mm	4	518598	2592.99	16.33	18.05	1.486	-0.08	0.306	0.455
	FR1 n41_Ant 0	100M	BPSK	135	69	Back	10mm	4	518598	2592.99	16.27	18.05	1.507	-0.13	0.212	0.319
	FR1 n41_Ant 0	100M	BPSK	1	1	Left Side	10mm	4	518598	2592.99	16.33	18.05	1.486	0.02	0.034	0.051
	FR1 n41_Ant 0	100M	BPSK	135	69	Left Side	10mm	4	518598	2592.99	16.27	18.05	1.507	0	0.023	0.035
	FR1 n41_Ant 0	100M	BPSK	1	1	Right Side	10mm	4	518598	2592.99	16.33	18.05	1.486	0.06	0.020	0.030
	FR1 n41_Ant 0	100M	BPSK	135	69	Right Side	10mm	4	518598	2592.99	16.27	18.05	1.507	0	0.013	0.020
60	FR1 n41_Ant 0	100M	BPSK	1	1	Bottom Side	10mm	4	518598	2592.99	16.33	18.05	1.486	-0.03	0.524	0.779
	FR1 n41_Ant 0	100M	BPSK	135	69	Bottom Side	10mm	4	518598	2592.99	16.27	18.05	1.507	0.09	0.364	0.548
	FR1 n41_Ant 0	100M	BPSK	270	0	Bottom Side	10mm	4	518598	2592.99	16.30	18.05	1.496	-0.02	0.355	0.531
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Bottom Side	10mm	4	518598	2592.99	19.38	21.05	1.469	-0.05	0.479	0.704
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	10mm	4	518598	2592.99	22.29	22.6	1.074	0.08	0.371	0.398
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	10mm	4	518598	2592.99	22.05	22.6	1.135	0.09	0.314	0.356
	FR1 n41_Ant 1	100M	BPSK	1	1	Back	10mm	4	518598	2592.99	22.29	22.6	1.074	-0.04	0.646	0.694
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	10mm	4	518598	2592.99	22.05	22.6	1.135	-0.04	0.489	0.555
	FR1 n41_Ant 1	100M	BPSK	270	0	Back	10mm	4	518598	2592.99	22.09	22.6	1.125	0.06	0.471	0.530
	FR1 n41_Ant 1	100M	BPSK	1	1	Left Side	10mm	4	518598	2592.99	22.29	22.6	1.074	0	0.279	0.300
	FR1 n41_Ant 1	100M	BPSK	135	69	Left Side	10mm	4	518598	2592.99	22.05	22.6	1.135	0.05	0.236	0.268
	FR1 n41_Ant 1	100M	BPSK	1	1	Right Side	10mm	4	518598	2592.99	22.29	22.6	1.074	0.05	0.019	0.020
	FR1 n41_Ant 1	100M	BPSK	135	69	Right Side	10mm	4	518598	2592.99	22.05	22.6	1.135	0	0.001	0.001
	FR1 n41_Ant 1	100M	BPSK	1	1	Top Side	10mm	4	518598	2592.99	22.29	22.6	1.074	-0.02	0.193	0.207
	FR1 n41_Ant 1	100M	BPSK	135	69	Top Side	10mm	4	518598	2592.99	22.05	22.6	1.135	0.02	0.162	0.184
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	4	518598	2592.99	25.3	25.6	1.072	0.02	0.608	0.651
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	4	518598	2592.99	21.04	21.8	1.191	0.06	0.331	0.394
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	4	518598	2592.99	20.78	21.8	1.265	-0.11	0.276	0.349
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	4	518598	2592.99	21.04	21.8	1.191	-0.07	0.341	0.406
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	4	518598	2592.99	20.78	21.8	1.265	0.08	0.276	0.349
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	4	518598	2592.99	21.04	21.8	1.191	-0.05	0.008	0.010
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Side	10mm	4	518598	2592.99	20.78	21.8	1.265	0.08	0.001	0.001
	FR1 n41_Ant 5	100M	BPSK	1	1	Right Side	10mm	4	518598	2592.99	21.04	21.8	1.191	-0.03	0.465	0.554
	FR1 n41_Ant 5	100M	BPSK	135	69	Right Side	10mm	4	518598	2592.99	20.78	21.8	1.265	-0.12	0.408	0.516
	FR1 n41_Ant 5	100M	BPSK	1	1	Top Side	10mm	4	518598	2592.99	21.04	21.8	1.191	0.06	0.053	0.063
	FR1 n41_Ant 5	100M	BPSK	135	69	Top Side	10mm	4	518598	2592.99	20.78	21.8	1.265	0.17	0.046	0.058
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Right Side	10mm	4	518598	2592.99	24.12	24.8	1.169	0	0.467	0.546

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n48_Ant 6	40M	BPSK	1	1	Front	10mm	4	641666	3624.99	19.00	19.60	1.148	-0.03	0.122	0.140
	FR1 n48_Ant 6	40M	BPSK	50	25	Front	10mm	4	641666	3624.99	19.02	19.60	1.143	-0.02	0.145	0.166
	FR1 n48_Ant 6	40M	BPSK	1	1	Back	10mm	4	641666	3624.99	19.00	19.60	1.148	0.16	0.301	0.346
	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	4	641666	3624.99	19.02	19.60	1.143	-0.01	0.322	0.368
	FR1 n48_Ant 6	40M	BPSK	1	1	Left Side	10mm	4	641666	3624.99	19.00	19.60	1.148	0.02	0.330	0.379
	FR1 n48_Ant 6	40M	BPSK	50	25	Left Side	10mm	4	641666	3624.99	19.02	19.60	1.143	0.05	0.377	0.431
	FR1 n48_Ant 6	40M	BPSK	1	1	Right Side	10mm	4	641666	3624.99	19.00	19.60	1.148	-0.15	0.044	0.051
	FR1 n48_Ant 6	40M	BPSK	50	25	Right Side	10mm	4	641666	3624.99	19.02	19.60	1.143	-0.09	0.053	0.061
	FR1 n48_Ant 6	40M	BPSK	1	1	Bottom Side	10mm	4	641666	3624.99	19.00	19.60	1.148	-0.04	0.155	0.178
	FR1 n48_Ant 6	40M	BPSK	50	25	Bottom Side	10mm	4	641666	3624.99	19.02	19.60	1.143	-0.01	0.171	0.195
	FR1 n48_Ant 7	40M	BPSK	1	105	Front	10mm	4	641666	3624.99	18.95	19.00	1.012	-0.13	0.142	0.144
	FR1 n48_Ant 7	20M	BPSK	1	1	Front	10mm	4	641666	3624.99	20.30	21.40	1.288	-0.08	0.221	0.285
	FR1 n48_Ant 7	40M	BPSK	50	25	Front	10mm	4	641666	3624.99	20.26	21.40	1.300	-0.18	0.202	0.263
	FR1 n48_Ant 7	40M	BPSK	1	105	Back	10mm	4	641666	3624.99	18.95	19.00	1.012	0.02	0.211	0.213
	FR1 n48_Ant 7	20M	BPSK	1	1	Back	10mm	4	641666	3624.99	20.30	21.40	1.288	-0.19	0.245	0.316
	FR1 n48_Ant 7	40M	BPSK	50	25	Back	10mm	4	641666	3624.99	20.26	21.40	1.300	0.06	0.234	0.304
	FR1 n48_Ant 7	40M	BPSK	1	105	Left Side	10mm	4	641666	3624.99	18.95	19.00	1.012	0	0.075	0.076
	FR1 n48_Ant 7	20M	BPSK	1	1	Left Side	10mm	4	641666	3624.99	20.30	21.40	1.288	-0.06	0.104	0.134
	FR1 n48_Ant 7	40M	BPSK	50	25	Left Side	10mm	4	641666	3624.99	20.26	21.40	1.300	0.1	0.100	0.130
	FR1 n48_Ant 7	40M	BPSK	1	105	Right Side	10mm	4	641666	3624.99	18.95	19.00	1.012	-0.19	0.369	0.373
	FR1 n48_Ant 7	20M	BPSK	1	1	Right Side	10mm	4	641666	3624.99	20.30	21.40	1.288	0.16	0.490	0.631
	FR1 n48_Ant 7	20M	BPSK	1	49	Right Side	10mm	4	637334	3560.01	20.24	21.40	1.306	0.11	0.429	0.560
61	FR1 n48_Ant 7	20M	BPSK	1	1	Right Side	10mm	4	646000	3690	20.29	21.40	1.291	-0.05	0.520	0.671
	FR1 n48_Ant 7	40M	BPSK	50	25	Right Side	10mm	4	641666	3624.99	20.26	21.40	1.300	0.03	0.457	0.594
	FR1 n48_Ant 7	20M	BPSK	50	0	Right Side	10mm	4	641666	3624.99	20.28	21.40	1.294	-0.04	0.459	0.594
	FR1 n48_Ant 7	40M	BPSK	100	0	Right Side	10mm	4	641666	3624.99	18.56	19.00	1.107	-0.09	0.264	0.292
	FR1 n48_Ant 7	40M	BPSK	1	105	Bottom Side	10mm	4	641666	3624.99	18.95	19.00	1.012	-0.01	0.122	0.123
	FR1 n48_Ant 7	20M	BPSK	1	1	Bottom Side	10mm	4	641666	3624.99	20.30	21.40	1.288	-0.01	0.176	0.227
	FR1 n48_Ant 7	40M	BPSK	50	25	Bottom Side	10mm	4	641666	3624.99	20.26	21.40	1.300	0.1	0.165	0.215
	FR1 n48_Ant 1	40M	BPSK	1	1	Front	10mm	4	641666	3624.99	20.05	20.50	1.109	0.03	0.188	0.209
	FR1 n48_Ant 1	20M	BPSK	1	1	Front	10mm	4	646000	3690	20.26	20.90	1.159	0.11	0.244	0.283
	FR1 n48_Ant 1	40M	BPSK	50	25	Front	10mm	4	641666	3624.99	20.15	20.90	1.189	0.06	0.239	0.284
	FR1 n48_Ant 1	40M	BPSK	1	1	Back	10mm	4	641666	3624.99	20.05	20.50	1.109	0.09	0.265	0.294
	FR1 n48_Ant 1	20M	BPSK	1	1	Back	10mm	4	646000	3690	20.26	20.90	1.159	-0.12	0.343	0.397
	FR1 n48_Ant 1	40M	BPSK	50	25	Back	10mm	4	641666	3624.99	20.15	20.90	1.189	0.09	0.333	0.396
	FR1 n48_Ant 1	40M	BPSK	1	1	Left Side	10mm	4	641666	3624.99	20.05	20.50	1.109	0.09	0.140	0.155
	FR1 n48_Ant 1	20M	BPSK	1	1	Left Side	10mm	4	646000	3690	20.26	20.90	1.159	-0.15	0.156	0.181
	FR1 n48_Ant 1	40M	BPSK	50	25	Left Side	10mm	4	641666	3624.99	20.15	20.90	1.189	-0.01	0.152	0.181
	FR1 n48_Ant 1	40M	BPSK	1	1	Right Side	10mm	4	641666	3624.99	20.05	20.50	1.109	0.05	0.068	0.075
	FR1 n48_Ant 1	20M	BPSK	1	0	Right Side	10mm	4	646000	3690	20.26	20.90	1.159	0.1	0.113	0.131
	FR1 n48_Ant 1	40M	BPSK	50	25	Right Side	10mm	4	641666	3624.99	20.15	20.90	1.189	-0.13	0.101	0.120
	FR1 n48_Ant 1	40M	BPSK	1	1	Top Side	10mm	4	641666	3624.99	20.05	20.50	1.109	-0.09	0.380	0.421
	FR1 n48_Ant 1	20M	BPSK	1	1	Top Side	10mm	4	646000	3690	20.26	20.90	1.159	-0.03	0.523	0.606
	FR1 n48_Ant 1	20M	BPSK	1	49	Top Side	10mm	4	637334	3560.01	19.89	20.90	1.262	0.05	0.459	0.579
	FR1 n48_Ant 1	20M	BPSK	1	49	Top Side	10mm	4	641666	3624.99	20.12	20.90	1.197	-0.14	0.465	0.556
	FR1 n48_Ant 1	40M	BPSK	50	25	Top Side	10mm	4	641666	3624.99	20.15	20.90	1.189	0.07	0.453	0.538
	FR1 n48_Ant 1	20M	BPSK	50	0	Top Side	10mm	4	641666	3624.99	20.11	20.90	1.199	-0.18	0.500	0.600
	FR1 n48_Ant 5	40M	BPSK	1	1	Front	10mm	4	641666	3624.99	19.94	20.00	1.014	0.13	0.203	0.206
	FR1 n48_Ant 5	20M	BPSK	1	0	Front	10mm	4	641666	3624.99	22.52	23.00	1.117	-0.09	0.302	0.337
	FR1 n48_Ant 5	40M	BPSK	50	25	Front	10mm	4	641666	3624.99	22.60	23.00	1.096	0.03	0.265	0.291
	FR1 n48_Ant 5	40M	BPSK	1	1	Back	10mm	4	641666	3624.99	19.94	20.00	1.014	0.12	0.154	0.156
	FR1 n48_Ant 5	20M	BPSK	1	0	Back	10mm	4	641666	3624.99	22.52	23.00	1.117	-0.06	0.345	0.385
	FR1 n48_Ant 5	40M	BPSK	50	25	Back	10mm	4	641666	3624.99	22.60	23.00	1.096	0.18	0.289	0.317
	FR1 n48_Ant 5	40M	BPSK	1	1	Left Side	10mm	4	641666	3624.99	19.94	20.00	1.014	0.08	0.025	0.025
	FR1 n48_Ant 5	20M	BPSK	1	0	Left Side	10mm	4	641666	3624.99	22.52	23.00	1.117	0.08	0.044	0.049
	FR1 n48_Ant 5	40M	BPSK	50	25	Left Side	10mm	4	641666	3624.99	22.60	23.00	1.096	0.19	0.040	0.044
	FR1 n48_Ant 5	40M	BPSK	1	1	Right Side	10mm	4	641666	3624.99	19.94	20.00	1.014	0.18	0.252	0.256
	FR1 n48_Ant 5	20M	BPSK	1	0	Right Side	10mm	4	641666	3624.99	22.52	23.00	1.117	-0.03	0.403	0.450
	FR1 n48_Ant 5	40M	BPSK	50	25	Right Side	10mm	4	641666	3624.99	22.60	23.00	1.096	0.19	0.362	0.397

	FR1 n48_Ant 5	20M	BPSK	50	0	Right Side	10mm	4	641666	3624.99	22.54	23.00	1.112	0.02	0.367	0.408
	FR1 n48_Ant 5	40M	BPSK	1	1	Top Side	10mm	4	641666	3624.99	19.94	20.00	1.014	0.01	0.045	0.046
	FR1 n48_Ant 5	20M	BPSK	1	0	Top Side	10mm	4	641666	3624.99	22.52	23.00	1.117	-0.01	0.102	0.114
	FR1 n48_Ant 5	40M	BPSK	50	25	Top Side	10mm	4	641666	3624.99	22.60	23.00	1.096	-0.11	0.088	0.096

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n66_Ant 2	40M	BPSK	1	1	Front	10mm	4	349000	1745	21.76	22.60	1.213	0.05	0.313	0.380
	FR1 n66_Ant 2	40M	BPSK	108	54	Front	10mm	4	349000	1745	21.75	22.60	1.216	-0.02	0.341	0.415
	FR1 n66_Ant 2	40M	BPSK	1	1	Back	10mm	4	349000	1745	21.76	22.60	1.213	0.08	0.420	0.510
	FR1 n66_Ant 2	40M	BPSK	108	54	Back	10mm	4	349000	1745	21.75	22.60	1.216	0.01	0.436	0.530
	FR1 n66_Ant 2	40M	BPSK	1	1	Left Side	10mm	4	349000	1745	21.76	22.60	1.213	0.11	0.056	0.068
	FR1 n66_Ant 2	40M	BPSK	108	54	Left Side	10mm	4	349000	1745	21.75	22.60	1.216	-0.04	0.061	0.074
	FR1 n66_Ant 2	40M	BPSK	1	1	Right Side	10mm	4	349000	1745	21.76	22.60	1.213	0.14	0.393	0.477
	FR1 n66_Ant 2	40M	BPSK	108	54	Right Side	10mm	4	349000	1745	21.75	22.60	1.216	-0.02	0.407	0.495
	FR1 n66_Ant 2	40M	BPSK	1	1	Bottom Side	10mm	4	349000	1745	21.76	22.60	1.213	-0.16	0.297	0.360
	FR1 n66_Ant 2	40M	BPSK	108	54	Bottom Side	10mm	4	349000	1745	21.75	22.60	1.216	-0.02	0.304	0.370
	FR1 n66_Ant 0	40M	BPSK	1	1	Front	10mm	4	349000	1745	17.30	18.55	1.334	0.03	0.343	0.457
	FR1 n66_Ant 0	40M	BPSK	108	54	Front	10mm	4	349000	1745	17.37	18.55	1.312	-0.03	0.353	0.463
	FR1 n66_Ant 0	40M	BPSK	1	1	Back	10mm	4	349000	1745	17.30	18.55	1.334	0.05	0.464	0.619
	FR1 n66_Ant 0	40M	BPSK	108	54	Back	10mm	4	349000	1745	17.37	18.55	1.312	0.02	0.476	0.625
	FR1 n66_Ant 0	40M	BPSK	1	1	Left Side	10mm	4	349000	1745	17.30	18.55	1.334	0.15	0.095	0.127
	FR1 n66_Ant 0	40M	BPSK	108	54	Left Side	10mm	4	349000	1745	17.37	18.55	1.312	0.06	0.099	0.130
	FR1 n66_Ant 0	40M	BPSK	1	1	Right Side	10mm	4	349000	1745	17.30	18.55	1.334	-0.11	0.011	0.015
	FR1 n66_Ant 0	40M	BPSK	108	54	Right Side	10mm	4	349000	1745	17.37	18.55	1.312	-0.05	0.016	0.021
62	FR1 n66_Ant 0	40M	BPSK	1	1	Bottom Side	10mm	4	349000	1745	17.30	18.55	1.334	-0.03	0.618	0.824
	FR1 n66_Ant 0	40M	BPSK	108	54	Bottom Side	10mm	4	349000	1745	17.37	18.55	1.312	0.05	0.612	0.803
	FR1 n66_Ant 0	40M	BPSK	216	0	Bottom Side	10mm	4	349000	1745	17.33	18.55	1.324	-0.06	0.619	0.820
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	4	349000	1745	22.2	22.8	1.148	0.08	0.344	0.395
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	10mm	4	349000	1745	22.16	22.8	1.159	0.08	0.493	0.571
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	4	349000	1745	22.2	22.8	1.148	-0.04	0.367	0.421
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	10mm	4	349000	1745	22.16	22.8	1.159	-0.1	0.542	0.628
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	4	349000	1745	22.2	22.8	1.148	0.12	0.202	0.232
	FR1 n66_Ant 1	40M	BPSK	108	54	Left Side	10mm	4	349000	1745	22.16	22.8	1.159	-0.08	0.301	0.349
	FR1 n66_Ant 1	40M	BPSK	1	1	Right Side	10mm	4	349000	1745	22.2	22.8	1.148	-0.02	0.015	0.017
	FR1 n66_Ant 1	40M	BPSK	108	54	Right Side	10mm	4	349000	1745	22.16	22.8	1.159	0.06	0.023	0.027
	FR1 n66_Ant 1	40M	BPSK	1	1	Top Side	10mm	4	349000	1745	22.2	22.8	1.148	0.08	0.359	0.412
	FR1 n66_Ant 1	40M	BPSK	108	54	Top Side	10mm	4	349000	1745	22.16	22.8	1.159	-0.01	0.520	0.603
	FR1 n66_Ant 5	40M	BPSK	1	1	Front	10mm	4	349000	1745	22.51	23.5	1.256	0.04	0.418	0.525
	FR1 n66_Ant 5	40M	BPSK	108	54	Front	10mm	4	349000	1745	22.62	23.5	1.225	-0.15	0.434	0.531
	FR1 n66_Ant 5	40M	BPSK	1	1	Back	10mm	4	349000	1745	22.51	23.5	1.256	-0.14	0.407	0.511
	FR1 n66_Ant 5	40M	BPSK	108	54	Back	10mm	4	349000	1745	22.62	23.5	1.225	0.02	0.421	0.516
	FR1 n66_Ant 5	40M	BPSK	1	1	Left Side	10mm	4	349000	1745	22.51	23.5	1.256	-0.01	0.040	0.050
	FR1 n66_Ant 5	40M	BPSK	108	54	Left Side	10mm	4	349000	1745	22.62	23.5	1.225	0.14	0.042	0.051
	FR1 n66_Ant 5	40M	BPSK	1	1	Right Side	10mm	4	349000	1745	22.51	23.5	1.256	0.17	0.616	0.774
	FR1 n66_Ant 5	40M	BPSK	108	54	Right Side	10mm	4	349000	1745	22.62	23.5	1.225	0.02	0.636	0.779
	FR1 n66_Ant 5	40M	BPSK	1	1	Top Side	10mm	4	349000	1745	22.51	23.5	1.256	0.17	0.241	0.303
	FR1 n66_Ant 5	40M	BPSK	108	54	Top Side	10mm	4	349000	1745	22.62	23.5	1.225	0	0.250	0.306

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n70_Ant 2	15M	BPSK	1	1	Front	10mm	4	340500	1702.5	20.87	22.00	1.297	0.01	0.280	0.363
	FR1 n70_Ant 2	15M	BPSK	36	22	Front	10mm	4	340500	1702.5	20.86	22.00	1.300	-0.09	0.291	0.378
	FR1 n70_Ant 2	15M	BPSK	1	1	Back	10mm	4	340500	1702.5	20.87	22.00	1.297	0.08	0.328	0.425
	FR1 n70_Ant 2	15M	BPSK	36	22	Back	10mm	4	340500	1702.5	20.86	22.00	1.300	-0.01	0.340	0.442
	FR1 n70_Ant 2	15M	BPSK	1	1	Left Side	10mm	4	340500	1702.5	20.87	22.00	1.297	-0.15	0.061	0.079
	FR1 n70_Ant 2	15M	BPSK	36	22	Left Side	10mm	4	340500	1702.5	20.86	22.00	1.300	0.03	0.065	0.085
	FR1 n70_Ant 2	15M	BPSK	1	1	Right Side	10mm	4	340500	1702.5	20.87	22.00	1.297	-0.06	0.319	0.414
	FR1 n70_Ant 2	15M	BPSK	36	22	Right Side	10mm	4	340500	1702.5	20.86	22.00	1.300	-0.09	0.316	0.411
	FR1 n70_Ant 2	15M	BPSK	1	1	Bottom Side	10mm	4	340500	1702.5	20.87	22.00	1.297	0.03	0.306	0.397
	FR1 n70_Ant 2	15M	BPSK	36	22	Bottom Side	10mm	4	340500	1702.5	20.86	22.00	1.300	0.01	0.317	0.412
	FR1 n70_Ant 0	15M	BPSK	1	1	Front	10mm	4	340500	1702.5	17.69	18.75	1.276	-0.05	0.367	0.468
	FR1 n70_Ant 0	15M	BPSK	36	22	Front	10mm	4	340500	1702.5	17.71	18.75	1.271	-0.05	0.369	0.469
	FR1 n70_Ant 0	15M	BPSK	1	1	Back	10mm	4	340500	1702.5	17.69	18.75	1.276	0.06	0.420	0.536
	FR1 n70_Ant 0	15M	BPSK	36	22	Back	10mm	4	340500	1702.5	17.71	18.75	1.271	-0.01	0.436	0.554
	FR1 n70_Ant 0	15M	BPSK	1	1	Left Side	10mm	4	340500	1702.5	17.69	18.75	1.276	-0.09	0.100	0.128
	FR1 n70_Ant 0	15M	BPSK	36	22	Left Side	10mm	4	340500	1702.5	17.71	18.75	1.271	-0.14	0.102	0.130
	FR1 n70_Ant 0	15M	BPSK	1	1	Right Side	10mm	4	340500	1702.5	17.69	18.75	1.276	0.14	0.012	0.015
	FR1 n70_Ant 0	15M	BPSK	36	22	Right Side	10mm	4	340500	1702.5	17.71	18.75	1.271	0.03	0.019	0.024
	FR1 n70_Ant 0	15M	BPSK	1	1	Bottom Side	10mm	4	340500	1702.5	17.69	18.75	1.276	-0.01	0.642	0.819
63	FR1 n70_Ant 0	15M	BPSK	36	22	Bottom Side	10mm	4	340500	1702.5	17.71	18.75	1.271	-0.01	0.651	0.827
	FR1 n70_Ant 0	15M	BPSK	75	0	Bottom Side	10mm	4	340500	1702.5	17.67	18.75	1.282	0.08	0.631	0.809
	FR1 n71_Ant 0	20M	BPSK	1	1	Front	10mm	4	136100	680.5	24.51	25.00	1.119	0.03	0.342	0.383
	FR1 n71_Ant 0	20M	BPSK	50	28	Front	10mm	4	136100	680.5	24.46	25.00	1.132	0.01	0.368	0.417
	FR1 n71_Ant 0	20M	BPSK	1	1	Back	10mm	4	136100	680.5	24.51	25.00	1.119	0.01	0.393	0.440
	FR1 n71_Ant 0	20M	BPSK	50	28	Back	10mm	4	136100	680.5	24.46	25.00	1.132	0.08	0.350	0.396
	FR1 n71_Ant 0	20M	BPSK	1	1	Left Side	10mm	4	136100	680.5	24.51	25.00	1.119	-0.05	0.333	0.373
64	FR1 n71_Ant 0	20M	BPSK	50	28	Left Side	10mm	4	136100	680.5	24.46	25.00	1.132	-0.04	0.424	0.480
	FR1 n71_Ant 0	20M	BPSK	1	1	Right Side	10mm	4	136100	680.5	24.51	25.00	1.119	0.16	0.151	0.169
	FR1 n71_Ant 0	20M	BPSK	50	28	Right Side	10mm	4	136100	680.5	24.46	25.00	1.132	-0.19	0.194	0.220
	FR1 n71_Ant 0	20M	BPSK	1	1	Bottom Side	10mm	4	136100	680.5	24.51	25.00	1.119	0.14	0.212	0.237
	FR1 n71_Ant 0	20M	BPSK	50	28	Bottom Side	10mm	4	136100	680.5	24.46	25.00	1.132	-0.18	0.210	0.238
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	10mm	4	136100	680.5	24.47	25.00	1.130	-0.04	0.230	0.260
	FR1 n71_Ant 1	20M	BPSK	50	28	Front	10mm	4	136100	680.5	24.34	25.00	1.164	0.07	0.261	0.304
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	10mm	4	136100	680.5	24.47	25.00	1.130	0.09	0.246	0.278
	FR1 n71_Ant 1	20M	BPSK	50	28	Back	10mm	4	136100	680.5	24.34	25.00	1.164	0.01	0.301	0.350
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	4	136100	680.5	24.47	25.00	1.130	0.13	0.275	0.311
	FR1 n71_Ant 1	20M	BPSK	50	28	Left Side	10mm	4	136100	680.5	24.34	25.00	1.164	0.05	0.276	0.321
	FR1 n71_Ant 1	20M	BPSK	1	1	Right Side	10mm	4	136100	680.5	24.47	25.00	1.130	-0.16	0.186	0.210
	FR1 n71_Ant 1	20M	BPSK	50	28	Right Side	10mm	4	136100	680.5	24.34	25.00	1.164	-0.01	0.182	0.212
	FR1 n71_Ant 1	20M	BPSK	1	1	Top Side	10mm	4	136100	680.5	24.47	25.00	1.130	-0.18	0.131	0.148
	FR1 n71_Ant 1	20M	BPSK	50	28	Top Side	10mm	4	136100	680.5	24.34	25.00	1.164	-0.12	0.153	0.178

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	4	656000	3840	19.10	19.40	1.072	-0.15	0.189	0.203
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	4	656000	3840	19.27	19.40	1.030	-0.02	0.170	0.175
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	4	656000	3840	19.10	19.40	1.072	0.14	0.425	0.455
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	4	656000	3840	19.27	19.40	1.030	0.01	0.447	0.461
	FR1 n77_Ant 6	100M	BPSK	270	0	Back	10mm	4	656000	3840	19.19	19.40	1.050	-0.18	0.411	0.431
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Side	10mm	4	656000	3840	19.10	19.40	1.072	-0.11	0.467	0.500
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Side	10mm	4	656000	3840	19.27	19.40	1.030	-0.17	0.416	0.429
	FR1 n77_Ant 6	100M	BPSK	270	0	Left Side	10mm	4	656000	3840	19.19	19.40	1.050	-0.16	0.401	0.421
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Side	10mm	4	656000	3840	19.10	19.40	1.072	0.05	0.033	0.035
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Side	10mm	4	656000	3840	19.27	19.40	1.030	0.16	0.034	0.035
	FR1 n77_Ant 6	100M	BPSK	1	1	Bottom Side	10mm	4	656000	3840	19.10	19.40	1.072	-0.05	0.183	0.196
	FR1 n77_Ant 6	100M	BPSK	135	69	Bottom Side	10mm	4	656000	3840	19.27	19.40	1.030	0.02	0.193	0.199
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Left Side	10mm	4	656000	3840	22.11	22.50	1.094	0.15	0.455	0.498
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	4	633332	3499.98	18.93	19.40	1.114	-0.1	0.252	0.281
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	4	633332	3499.98	19.12	19.40	1.067	0	0.248	0.265
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	4	633332	3499.98	18.93	19.40	1.114	-0.03	0.442	0.493
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	4	633332	3499.98	19.12	19.40	1.067	0.04	0.416	0.444
	FR1 n77_Ant 6	100M	BPSK	270	0	Back	10mm	4	633332	3499.98	19.03	19.40	1.089	0.04	0.411	0.448
	FR1 n77_Ant 6	100M	BPSK	1	1	Left Side	10mm	4	633332	3499.98	18.93	19.40	1.114	0	0.487	0.543
	FR1 n77_Ant 6	100M	BPSK	135	69	Left Side	10mm	4	633332	3499.98	19.12	19.40	1.067	0.18	0.481	0.513
	FR1 n77_Ant 6	100M	BPSK	270	0	Left Side	10mm	4	633332	3499.98	19.03	19.40	1.089	0.09	0.452	0.492
	FR1 n77_Ant 6	100M	BPSK	1	1	Right Side	10mm	4	633332	3499.98	18.93	19.40	1.114	0.09	0.031	0.035
	FR1 n77_Ant 6	100M	BPSK	135	69	Right Side	10mm	4	633332	3499.98	19.12	19.40	1.067	-0.15	0.037	0.039
	FR1 n77_Ant 6	100M	BPSK	1	1	Bottom Side	10mm	4	633332	3499.98	18.93	19.40	1.114	0.08	0.178	0.198
	FR1 n77_Ant 6	100M	BPSK	135	69	Bottom Side	10mm	4	633332	3499.98	19.12	19.40	1.067	-0.03	0.188	0.201
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Left Side	10mm	4	633332	3499.98	21.94	22.50	1.138	-0.11	0.463	0.527
	FR1 n77_Ant 7	100M	BPSK	1	1	Front	10mm	4	656000	3840	20.13	21.00	1.222	-0.05	0.277	0.338
	FR1 n77_Ant 7	100M	BPSK	135	69	Front	10mm	4	656000	3840	20.28	21.00	1.180	0.08	0.266	0.314
	FR1 n77_Ant 7	100M	BPSK	1	1	Back	10mm	4	656000	3840	20.13	21.00	1.222	-0.02	0.220	0.269
	FR1 n77_Ant 7	100M	BPSK	135	69	Back	10mm	4	656000	3840	20.28	21.00	1.180	0.06	0.217	0.256
	FR1 n77_Ant 7	100M	BPSK	1	1	Left Side	10mm	4	656000	3840	20.13	21.00	1.222	-0.05	0.088	0.108
	FR1 n77_Ant 7	100M	BPSK	135	69	Left Side	10mm	4	656000	3840	20.28	21.00	1.180	0.01	0.063	0.074
	FR1 n77_Ant 7	100M	BPSK	1	1	Right Side	10mm	4	656000	3840	20.13	21.00	1.222	0.15	0.451	0.551
	FR1 n77_Ant 7	100M	BPSK	135	69	Right Side	10mm	4	656000	3840	20.28	21.00	1.180	-0.07	0.442	0.522
	FR1 n77_Ant 7	100M	BPSK	1	1	Bottom Side	10mm	4	656000	3840	20.13	21.00	1.222	0	0.108	0.132
	FR1 n77_Ant 7	100M	BPSK	135	69	Bottom Side	10mm	4	656000	3840	20.28	21.00	1.180	-0.09	0.102	0.120
	FR1 n77_HPUE_Ant 7	100M	BPSK	1	1	Right Side	10mm	4	656000	3840	23.11	24.10	1.256	-0.03	0.437	0.549
	FR1 n77_Ant 7	100M	BPSK	1	1	Front	10mm	4	633332	3499.98	20.06	21.00	1.242	-0.13	0.373	0.463
	FR1 n77_Ant 7	100M	BPSK	135	69	Front	10mm	4	633332	3499.98	20.53	21.00	1.114	-0.08	0.418	0.466
	FR1 n77_Ant 7	100M	BPSK	1	1	Back	10mm	4	633332	3499.98	20.06	21.00	1.242	0.09	0.358	0.445
	FR1 n77_Ant 7	100M	BPSK	135	69	Back	10mm	4	633332	3499.98	20.53	21.00	1.114	-0.07	0.412	0.459
	FR1 n77_Ant 7	100M	BPSK	1	1	Left Side	10mm	4	633332	3499.98	20.06	21.00	1.242	-0.19	0.025	0.031
	FR1 n77_Ant 7	100M	BPSK	135	69	Left Side	10mm	4	633332	3499.98	20.53	21.00	1.114	-0.01	0.043	0.048
	FR1 n77_Ant 7	100M	BPSK	1	1	Right Side	10mm	4	633332	3499.98	20.06	21.00	1.242	0.17	0.275	0.341
	FR1 n77_Ant 7	100M	BPSK	135	69	Right Side	10mm	4	633332	3499.98	20.53	21.00	1.114	0.01	0.343	0.382
	FR1 n77_Ant 7	100M	BPSK	1	1	Bottom Side	10mm	4	633332	3499.98	20.06	21.00	1.242	0.06	0.093	0.115
	FR1 n77_Ant 7	100M	BPSK	135	69	Bottom Side	10mm	4	633332	3499.98	20.53	21.00	1.114	-0.06	0.090	0.100
	FR1 n77_HPUE_Ant 7	100M	BPSK	1	1	Front	10mm	4	633332	3499.98	23.04	24.10	1.276	-0.02	0.264	0.337
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	4	656000	3840	19.05	20.00	1.245	0.08	0.213	0.265
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	4	656000	3840	18.96	20.00	1.271	0.01	0.203	0.258
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	4	656000	3840	19.05	20.00	1.245	0.03	0.252	0.314
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	4	656000	3840	18.96	20.00	1.271	-0.08	0.232	0.295
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Side	10mm	4	656000	3840	19.05	20.00	1.245	-0.08	0.097	0.121

	FR1 n77_Ant 1	100M	BPSK	135	69	Left Side	10mm	4	656000	3840	18.96	20.00	1.271	0.1	0.086	0.109
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Side	10mm	4	656000	3840	19.05	20.00	1.245	-0.18	0.056	0.070
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Side	10mm	4	656000	3840	18.96	20.00	1.271	0.1	0.052	0.066
	FR1 n77_Ant 1	100M	BPSK	1	1	Top Side	10mm	4	656000	3840	19.05	20.00	1.245	0.12	0.271	0.337
	FR1 n77_Ant 1	100M	BPSK	135	69	Top Side	10mm	4	656000	3840	18.96	20.00	1.271	0.08	0.262	0.333
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Top Side	10mm	4	656000	3840	22.06	23.20	1.300	-0.17	0.254	0.330
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	4	633332	3499.98	19.15	20.00	1.216	0.14	0.247	0.300
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	4	633332	3499.98	18.95	20.00	1.274	0.11	0.232	0.295
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	4	633332	3499.98	19.15	20.00	1.216	0.13	0.329	0.400
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	4	633332	3499.98	18.95	20.00	1.274	-0.05	0.246	0.313
	FR1 n77_Ant 1	100M	BPSK	1	1	Left Side	10mm	4	633332	3499.98	19.15	20.00	1.216	0.18	0.227	0.276
	FR1 n77_Ant 1	100M	BPSK	135	69	Left Side	10mm	4	633332	3499.98	18.95	20.00	1.274	0.14	0.215	0.274
	FR1 n77_Ant 1	100M	BPSK	1	1	Right Side	10mm	4	633332	3499.98	19.15	20.00	1.216	-0.17	0.062	0.075
	FR1 n77_Ant 1	100M	BPSK	135	69	Right Side	10mm	4	633332	3499.98	18.95	20.00	1.274	0.17	0.050	0.064
65	FR1 n77_Ant 1	100M	BPSK	1	1	Top Side	10mm	4	633332	3499.98	19.15	20.00	1.216	-0.01	0.501	0.609
	FR1 n77_Ant 1	100M	BPSK	135	69	Top Side	10mm	4	633332	3499.98	18.95	20.00	1.274	-0.05	0.342	0.436
	FR1 n77_Ant 1	100M	BPSK	270	0	Top Side	10mm	4	633332	3499.98	19.00	20.00	1.259	0.12	0.331	0.417
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Top Side	10mm	4	633332	3499.98	22.27	23.20	1.239	0.01	0.468	0.580
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	4	656000	3840	23.05	23.4	1.084	-0.19	0.258	0.280
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	4	656000	3840	22.53	23.4	1.222	-0.08	0.229	0.280
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	4	656000	3840	23.05	23.4	1.084	-0.05	0.336	0.364
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	4	656000	3840	22.53	23.4	1.222	-0.01	0.357	0.436
	FR1 n77_Ant 5	100M	BPSK	270	0	Back	10mm	4	656000	3840	22.31	23.4	1.285	-0.14	0.322	0.414
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Side	10mm	4	656000	3840	23.05	23.4	1.084	-0.02	0.099	0.107
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Side	10mm	4	656000	3840	22.53	23.4	1.222	0.13	0.047	0.057
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Side	10mm	4	656000	3840	23.05	23.4	1.084	-0.07	0.242	0.262
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Side	10mm	4	656000	3840	22.53	23.4	1.222	0.11	0.263	0.321
	FR1 n77_Ant 5	100M	BPSK	1	1	Top Side	10mm	4	656000	3840	23.05	23.4	1.084	-0.16	0.291	0.315
	FR1 n77_Ant 5	100M	BPSK	135	69	Top Side	10mm	4	656000	3840	22.53	23.4	1.222	0.04	0.194	0.237
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	4	656000	3840	24.95	26.2	1.334	-0.03	0.225	0.300
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	4	633332	3499.98	23.21	23.4	1.045	0.18	0.339	0.354
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	4	633332	3499.98	22.71	23.4	1.172	-0.01	0.318	0.373
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	4	633332	3499.98	23.21	23.4	1.045	-0.05	0.460	0.481
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	4	633332	3499.98	22.71	23.4	1.172	-0.04	0.477	0.559
	FR1 n77_Ant 5	100M	BPSK	270	0	Back	10mm	4	633332	3499.98	22.25	23.4	1.303	0.01	0.422	0.550
	FR1 n77_Ant 5	100M	BPSK	1	1	Left Side	10mm	4	633332	3499.98	23.21	23.4	1.045	0.02	0.099	0.103
	FR1 n77_Ant 5	100M	BPSK	135	69	Left Side	10mm	4	633332	3499.98	22.71	23.4	1.172	0.17	0.098	0.115
	FR1 n77_Ant 5	100M	BPSK	1	1	Right Side	10mm	4	633332	3499.98	23.21	23.4	1.045	0.02	0.432	0.451
	FR1 n77_Ant 5	100M	BPSK	135	69	Right Side	10mm	4	633332	3499.98	22.71	23.4	1.172	0.16	0.362	0.424
	FR1 n77_Ant 5	100M	BPSK	270	0	Right Side	10mm	4	633332	3499.98	22.25	23.4	1.303	0.05	0.314	0.409
	FR1 n77_Ant 5	100M	BPSK	1	1	Top Side	10mm	4	633332	3499.98	23.21	23.4	1.045	-0.04	0.447	0.467
	FR1 n77_Ant 5	100M	BPSK	135	69	Top Side	10mm	4	633332	3499.98	22.71	23.4	1.172	-0.03	0.431	0.505
	FR1 n77_Ant 5	100M	BPSK	270	0	Top Side	10mm	4	633332	3499.98	22.25	23.4	1.303	0.01	0.306	0.399
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	4	633332	3499.98	25.23	26.2	1.250	0.12	0.392	0.490

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	7	1	2412	18.85	19.50	1.161	100	1.000	-0.1	0.224	0.260
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	7	1	2412	18.85	19.50	1.161	100	1.000	-0.01	0.302	0.351
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 3	7	1	2412	18.85	19.50	1.161	100	1.000	-0.12	0.364	0.423
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 3	7	1	2412	18.85	19.50	1.161	100	1.000	0.13	0.008	0.009
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 3	7	1	2412	18.85	19.50	1.161	100	1.000	-0.12	0.030	0.035
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	7	1	2412	18.88	19.50	1.153	100	1.000	-0.02	0.146	0.168
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	7	1	2412	18.88	19.50	1.153	100	1.000	0.06	0.234	0.270
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 4	7	1	2412	18.88	19.50	1.153	100	1.000	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 4	7	1	2412	18.88	19.50	1.153	100	1.000	-0.03	0.277	0.320
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 4	7	1	2412	18.88	19.50	1.153	100	1.000	-0.19	0.046	0.053
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	7	1	2412	18.45	19.50	1.274	100	1.000	0.01	0.194	0.247
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	7	1	2412	19.18	19.50	1.076	100	1.000	0.01	0.258	0.278
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	7	1	2412	18.45	19.50	1.274	100	1.000	0.07	0.284	0.362
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	7	1	2412	19.18	19.50	1.076	100	1.000	0.07	0.278	0.299
66	WLAN2.4GHz	802.11g 6Mbps	Left Side	10mm	Ant 3+4(3)	7	1	2412	18.45	19.50	1.274	100	1.000	-0.07	0.352	0.448
	WLAN2.4GHz	802.11g 6Mbps	Left Side	10mm	Ant 3+4(4)	7	1	2412	19.18	19.50	1.076	100	1.000	-0.07	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(3)	7	1	2412	18.45	19.50	1.274	100	1.000	0.01	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(4)	7	1	2412	19.18	19.50	1.076	100	1.000	0.01	0.346	0.372
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(3)	7	1	2412	18.45	19.50	1.274	100	1.000	-0.02	0.089	0.113
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(4)	7	1	2412	19.18	19.50	1.076	100	1.000	-0.02	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	8	11	2462	14.45	15.50	1.274	100	1.000	-0.15	0.108	0.138
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	8	11	2462	14.45	15.50	1.274	100	1.000	-0.05	0.141	0.180
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 3	8	11	2462	14.45	15.50	1.274	100	1.000	0.05	0.177	0.225
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 3	8	11	2462	14.45	15.50	1.274	100	1.000	-0.13	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 3	8	11	2462	14.45	15.50	1.274	100	1.000	0.14	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8	6	2437	14.38	15.50	1.294	100	1.000	-0.12	0.060	0.078
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	8	6	2437	14.38	15.50	1.294	100	1.000	0.16	0.101	0.131
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 4	8	6	2437	14.38	15.50	1.294	100	1.000	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 4	8	6	2437	14.38	15.50	1.294	100	1.000	-0.09	0.115	0.149
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 4	8	6	2437	14.38	15.50	1.294	100	1.000	-0.13	0.013	0.017
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8	11	2462	14.05	15.50	1.396	100	1.000	-0.08	0.104	0.145
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8	11	2462	14.98	15.50	1.127	100	1.000	-0.08	0.076	0.086
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	8	11	2462	14.05	15.50	1.396	100	1.000	-0.03	0.130	0.182
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	8	11	2462	14.98	15.50	1.127	100	1.000	-0.03	0.101	0.114
	WLAN2.4GHz	802.11g 6Mbps	Left Side	10mm	Ant 3+4(3)	8	11	2462	14.05	15.50	1.396	100	1.000	-0.09	0.154	0.215
	WLAN2.4GHz	802.11g 6Mbps	Left Side	10mm	Ant 3+4(4)	8	11	2462	14.98	15.50	1.127	100	1.000	-0.09	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(3)	8	11	2462	14.05	15.50	1.396	100	1.000	0.05	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Side	10mm	Ant 3+4(4)	8	11	2462	14.98	15.50	1.127	100	1.000	0.05	0.109	0.123
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(3)	8	11	2462	14.05	15.50	1.396	100	1.000	-0.03	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Top Side	10mm	Ant 3+4(4)	8	11	2462	14.98	15.50	1.127	100	1.000	-0.03	0.032	0.036

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	7	46	5230	18.25	19.00	1.189	99.13	1.009	-0.1	0.161	0.193
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	7	46	5230	18.28	19.00	1.180	99.13	1.009	-0.1	0.049	0.058
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	7	46	5230	18.25	19.00	1.189	99.13	1.009	-0.14	0.327	0.392
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	7	46	5230	18.28	19.00	1.180	99.13	1.009	-0.14	0.160	0.191
67	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 3+4(3)	7	46	5230	18.25	19.00	1.189	99.13	1.009	-0.1	0.382	0.458
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 3+4(4)	7	46	5230	18.28	19.00	1.180	99.13	1.009	-0.1	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 3+4(3)	7	46	5230	18.25	19.00	1.189	99.13	1.009	-0.1	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 3+4(4)	7	46	5230	18.28	19.00	1.180	99.13	1.009	-0.1	0.076	0.091
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 3+4(3)	7	46	5230	18.25	19.00	1.189	99.13	1.009	-0.01	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 3+4(4)	7	46	5230	18.28	19.00	1.180	99.13	1.009	-0.01	0.076	0.091
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	8/9	46	5230	15.85	17.00	1.303	99.13	1.009	-0.14	0.128	0.168
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	8/9	46	5230	15.28	17.00	1.486	99.13	1.009	-0.14	0.034	0.051
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	8/9	46	5230	15.85	17.00	1.303	99.13	1.009	0.17	0.075	0.099
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	8/9	46	5230	15.28	17.00	1.486	99.13	1.009	0.17	0.037	0.055
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 3+4(3)	8/9	46	5230	15.85	17.00	1.303	99.13	1.009	-0.09	0.198	0.260
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 3+4(4)	8/9	46	5230	15.28	17.00	1.486	99.13	1.009	-0.09	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 3+4(3)	8/9	46	5230	15.85	17.00	1.303	99.13	1.009	-0.12	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 3+4(4)	8/9	46	5230	15.28	17.00	1.486	99.13	1.009	-0.12	0.044	0.066
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 3+4(3)	8/9	46	5230	15.85	17.00	1.303	99.13	1.009	-0.13	0.042	0.055
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 3+4(4)	8/9	46	5230	15.28	17.00	1.486	99.13	1.009	-0.13	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	7	155	5775	16.65	18.00	1.365	97.77	1.023	0.12	0.171	0.239
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	7	155	5775	17.48	18.00	1.127	97.77	1.023	0.12	0.084	0.097
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	7	155	5775	16.65	18.00	1.365	97.77	1.023	-0.15	0.194	0.271
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	7	155	5775	17.48	18.00	1.127	97.77	1.023	-0.15	0.063	0.073
68	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 3+4(3)	7	155	5775	16.65	18.00	1.365	97.77	1.023	-0.02	0.332	0.463
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 3+4(4)	7	155	5775	17.48	18.00	1.127	97.77	1.023	-0.02	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(3)	7	155	5775	16.65	18.00	1.365	97.77	1.023	-0.17	0.034	0.047
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(4)	7	155	5775	17.48	18.00	1.127	97.77	1.023	-0.17	0.072	0.083
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(3)	7	155	5775	16.65	18.00	1.365	97.77	1.023	0.06	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(4)	7	155	5775	17.48	18.00	1.127	97.77	1.023	0.06	0.140	0.161
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	8	155	5775	14.25	15.50	1.334	97.77	1.023	0.03	0.078	0.106
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	8	155	5775	14.78	15.50	1.180	97.77	1.023	0.03	0.025	0.030
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	8	155	5775	14.25	15.50	1.334	97.77	1.023	-0.18	0.095	0.130
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	8	155	5775	14.78	15.50	1.180	97.77	1.023	-0.18	0.032	0.039
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 3+4(3)	8	155	5775	14.25	15.50	1.334	97.77	1.023	-0.16	0.198	0.270
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 3+4(4)	8	155	5775	14.78	15.50	1.180	97.77	1.023	-0.16	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(3)	8	155	5775	14.25	15.50	1.334	97.77	1.023	0.07	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(4)	8	155	5775	14.78	15.50	1.180	97.77	1.023	0.07	0.026	0.031
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(3)	8	155	5775	14.25	15.50	1.334	97.77	1.023	-0.01	0.031	0.042
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(4)	8	155	5775	14.78	15.50	1.180	97.77	1.023	-0.01	0.062	0.075
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	9	155	5775	14.25	16.00	1.496	97.77	1.023	0.03	0.078	0.119
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	9	155	5775	14.78	16.00	1.324	97.77	1.023	0.03	0.025	0.034
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	9	155	5775	14.25	16.00	1.496	97.77	1.023	-0.18	0.095	0.145
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	9	155	5775	14.78	16.00	1.324	97.77	1.023	-0.18	0.032	0.043
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 3+4(3)	9	155	5775	14.25	16.00	1.496	97.77	1.023	-0.16	0.198	0.303
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 3+4(4)	9	155	5775	14.78	16.00	1.324	97.77	1.023	-0.16	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(3)	9	155	5775	14.25	16.00	1.496	97.77	1.023	0.07	0.001	0.002
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 3+4(4)	9	155	5775	14.78	16.00	1.324	97.77	1.023	0.07	0.026	0.035
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(3)	9	155	5775	14.25	16.00	1.496	97.77	1.023	-0.01	0.031	0.047
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 3+4(4)	9	155	5775	14.78	16.00	1.324	97.77	1.023	-0.01	0.062	0.084

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Front	10mm	Ant 3	4	39	2441	13.95	15.00	1.274	77.13	1.080	-0.04	0.085	0.117
	Bluetooth	1Mbps	Back	10mm	Ant 3	4	39	2441	13.95	15.00	1.274	77.13	1.080	-0.03	0.109	0.150
	Bluetooth	1Mbps	Left Side	10mm	Ant 3	4	39	2441	13.95	15.00	1.274	77.13	1.080	0.13	0.127	0.175
	Bluetooth	1Mbps	Right Side	10mm	Ant 3	4	39	2441	13.95	15.00	1.274	77.13	1.080	0	0.001	0.001
	Bluetooth	1Mbps	Top Side	10mm	Ant 3	4	39	2441	13.95	15.00	1.274	77.13	1.080	-0.03	0.012	0.017
	Bluetooth	1Mbps	Front	10mm	Ant 4	4	0	2402	14.68	15.00	1.076	77.13	1.080	-0.17	0.056	0.065
	Bluetooth	1Mbps	Back	10mm	Ant 4	4	0	2402	14.68	15.00	1.076	77.13	1.080	0.12	0.082	0.095
	Bluetooth	1Mbps	Left Side	10mm	Ant 4	4	0	2402	14.68	15.00	1.076	77.13	1.080	-0.09	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 4	4	0	2402	14.68	15.00	1.076	77.13	1.080	0.02	0.085	0.099
	Bluetooth	1Mbps	Top Side	10mm	Ant 4	4	0	2402	14.68	15.00	1.076	77.13	1.080	-0.07	0.016	0.019
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	4	39	2441	13.95	15.00	1.274	77.13	1.080	0.1	0.078	0.107
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	4	39	2441	14.58	15.00	1.102	77.13	1.080	0.1	0.074	0.088
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	4	39	2441	13.95	15.00	1.274	77.13	1.080	-0.09	0.110	0.151
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	4	39	2441	14.58	15.00	1.102	77.13	1.080	-0.09	0.059	0.070
70	Bluetooth	1Mbps	Left Side	10mm	Ant 3+4(3)	4	39	2441	13.95	15.00	1.274	77.13	1.080	0.01	0.162	0.223
	Bluetooth	1Mbps	Left Side	10mm	Ant 3+4(4)	4	39	2441	14.58	15.00	1.102	77.13	1.080	0.01	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 3+4(3)	4	39	2441	13.95	15.00	1.274	77.13	1.080	-0.06	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 3+4(4)	4	39	2441	14.58	15.00	1.102	77.13	1.080	-0.06	0.073	0.087
	Bluetooth	1Mbps	Top Side	10mm	Ant 3+4(3)	4	39	2441	13.95	15.00	1.274	77.13	1.080	0.01	0.001	0.001
	Bluetooth	1Mbps	Top Side	10mm	Ant 3+4(4)	4	39	2441	14.58	15.00	1.102	77.13	1.080	0.01	0.048	0.057

<Thread SAR>

Plot No.	Band	Modulation	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Power Index	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Thread_Ant 3	250K	Front	10mm	25	2475	4	14.45	14.50	1.012	0.02	0.105	0.106
	Thread_Ant 3	250K	Back	10mm	25	2475	4	14.45	14.50	1.012	0.03	0.150	0.152
71	Thread_Ant 3	250K	Left Side	10mm	25	2475	4	14.45	14.50	1.012	0.07	0.154	0.156
	Thread_Ant 3	250K	Right Side	10mm	25	2475	4	14.45	14.50	1.012	0	0.001	0.001
	Thread_Ant 3	250K	Top Side	10mm	25	2475	4	14.45	14.50	1.012	0.06	0.022	0.022

14.3 Body Worn Accessory SAR

<GSM SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	GSM850_Ant 0	GPRS (4 Tx slots)	Front	10mm	5	189	836.4	26.84	28.60	1.500	-0.04	0.300	0.450
72	GSM850_Ant 0	GPRS (4 Tx slots)	Back	10mm	5	189	836.4	26.84	28.60	1.500	0	0.479	0.718
	GSM850_Ant 0	GPRS (4 Tx slots)	Front	10mm	6	189	836.4	26.84	27.90	1.276	-0.04	0.300	0.383
	GSM850_Ant 0	GPRS (4 Tx slots)	Back	10mm	6	189	836.4	26.84	27.90	1.276	0	0.479	0.611
	GSM850_Ant 1	GPRS (4 Tx slots)	Front	10mm	5	189	836.4	28.60	30.20	1.445	-0.08	0.373	0.539
	GSM850_Ant 1	GPRS (4 Tx slots)	Back	10mm	5	189	836.4	28.60	30.20	1.445	-0.05	0.408	0.590
	GSM850_Ant 1	GPRS (4 Tx slots)	Front	10mm	6	189	836.4	28.60	29.50	1.230	-0.08	0.373	0.459
	GSM850_Ant 1	GPRS (4 Tx slots)	Back	10mm	6	189	836.4	28.60	29.50	1.230	-0.05	0.408	0.502
	GSM1900_Ant 2	GPRS (4 Tx slots)	Front	10mm	5	661	1880	23.93	25.40	1.403	-0.08	0.414	0.581
	GSM1900_Ant 2	GPRS (4 Tx slots)	Back	10mm	5	661	1880	23.93	25.40	1.403	0.12	0.446	0.626
	GSM1900_Ant 2	GPRS (4 Tx slots)	Front	10mm	6	661	1880	23.93	24.70	1.194	-0.08	0.414	0.494
	GSM1900_Ant 2	GPRS (4 Tx slots)	Back	10mm	6	661	1880	23.93	24.70	1.194	0.12	0.446	0.533
	GSM1900_Ant 0	GPRS (4 Tx slots)	Front	10mm	5	661	1880	22.34	23.25	1.233	-0.1	0.313	0.386
73	GSM1900_Ant 0	GPRS (4 Tx slots)	Back	10mm	5	661	1880	22.34	23.25	1.233	-0.11	0.522	0.644
	GSM1900_Ant 0	GPRS (4 Tx slots)	Front	10mm	6	661	1880	22.34	22.55	1.050	-0.1	0.313	0.329
	GSM1900_Ant 0	GPRS (4 Tx slots)	Back	10mm	6	661	1880	22.34	22.55	1.050	-0.11	0.522	0.548

<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WCDMA II_Ant 2	RMC 12.2Kbps	Front	10mm	5	9400	1880	20.49	22.30	1.517	0.02	0.319	0.484
	WCDMA II_Ant 2	RMC 12.2Kbps	Back	10mm	5	9400	1880	20.49	22.30	1.517	-0.01	0.410	0.622
	WCDMA II_Ant 2	RMC 12.2Kbps	Front	10mm	6	9400	1880	20.49	21.60	1.291	0.02	0.319	0.412
	WCDMA II_Ant 2	RMC 12.2Kbps	Back	10mm	6	9400	1880	20.49	21.60	1.291	-0.01	0.410	0.529
	WCDMA II_Ant 0	RMC 12.2Kbps	Front	10mm	5	9400	1880	19.49	20.35	1.219	-0.14	0.429	0.523
74	WCDMA II_Ant 0	RMC 12.2Kbps	Back	10mm	5	9400	1880	19.49	20.35	1.219	-0.05	0.750	0.914
	WCDMA II_Ant 0	RMC 12.2Kbps	Back	10mm	5	9262	1852.4	19.48	20.35	1.222	-0.02	0.725	0.886
	WCDMA II_Ant 0	RMC 12.2Kbps	Back	10mm	5	9538	1907.6	19.45	20.35	1.230	-0.08	0.729	0.897
	WCDMA II_Ant 0	RMC 12.2Kbps	Front	10mm	6	9400	1880	19.49	19.65	1.038	-0.14	0.429	0.445
	WCDMA II_Ant 0	RMC 12.2Kbps	Back	10mm	6	9400	1880	19.49	19.65	1.038	-0.05	0.750	0.778
	WCDMA IV_Ant 2	RMC 12.2Kbps	Front	10mm	5	1413	1732.6	21.21	22.90	1.476	0	0.354	0.522
	WCDMA IV_Ant 2	RMC 12.2Kbps	Back	10mm	5	1413	1732.6	21.21	22.90	1.476	0	0.391	0.577
	WCDMA IV_Ant 2	RMC 12.2Kbps	Front	10mm	6	1413	1732.6	21.21	22.20	1.256	0	0.354	0.445
	WCDMA IV_Ant 2	RMC 12.2Kbps	Back	10mm	6	1413	1732.6	21.21	22.20	1.256	0	0.391	0.491
	WCDMA IV_Ant 0	RMC 12.2Kbps	Front	10mm	5	1413	1732.6	18.22	20.05	1.524	0.03	0.322	0.491
75	WCDMA IV_Ant 0	RMC 12.2Kbps	Back	10mm	5	1413	1732.6	18.22	20.05	1.524	0.07	0.537	0.818
	WCDMA IV_Ant 0	RMC 12.2Kbps	Back	10mm	5	1312	1712.4	18.21	20.05	1.528	0.06	0.500	0.764
	WCDMA IV_Ant 0	RMC 12.2Kbps	Back	10mm	5	1513	1752.6	18.12	20.05	1.560	-0.05	0.393	0.613
	WCDMA IV_Ant 0	RMC 12.2Kbps	Front	10mm	6	1413	1732.6	18.22	19.35	1.297	0.03	0.322	0.418
	WCDMA IV_Ant 0	RMC 12.2Kbps	Back	10mm	6	1413	1732.6	18.22	19.35	1.297	0.07	0.537	0.697
	WCDMA V_Ant 0	RMC 12.2Kbps	Front	10mm	5	4182	836.4	24.14	25.00	1.219	-0.02	0.368	0.449
76	WCDMA V_Ant 0	RMC 12.2Kbps	Back	10mm	5	4182	836.4	24.14	25.00	1.219	-0.02	0.584	0.712
	WCDMA V_Ant 0	RMC 12.2Kbps	Front	10mm	6	4182	836.4	24.14	24.80	1.164	-0.02	0.368	0.428
	WCDMA V_Ant 0	RMC 12.2Kbps	Back	10mm	6	4182	836.4	24.14	24.80	1.164	-0.02	0.584	0.680
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	10mm	5/6	4182	836.4	24.28	25.00	1.180	0.02	0.281	0.332
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	10mm	5/6	4182	836.4	24.28	25.00	1.180	-0.02	0.392	0.463

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7_Ant 2	20M	QPSK	1	0	Front	10mm	5	21100	2535	19.61	21.30	1.476	-0.18	0.330	0.487
	LTE Band 7_Ant 2	20M	QPSK	50	0	Front	10mm	5	21100	2535	19.71	21.30	1.442	-0.01	0.340	0.490
	LTE Band 7_Ant 2	20M	QPSK	1	0	Back	10mm	5	21100	2535	19.61	21.30	1.476	-0.13	0.348	0.514
	LTE Band 7_Ant 2	20M	QPSK	50	0	Back	10mm	5	21100	2535	19.71	21.30	1.442	-0.01	0.396	0.571
	LTE ULCA_7C_Ant 2	20M	QPSK	1	0	Back	10mm	5	21100+20902	2535	20.23	21.30	1.279	0.02	0.428	0.548
	LTE Band 7_Ant 2	20M	QPSK	1	0	Front	10mm	6	21100	2535	19.61	20.60	1.256	-0.18	0.330	0.414
	LTE Band 7_Ant 2	20M	QPSK	50	0	Front	10mm	6	21100	2535	19.71	20.60	1.227	-0.01	0.340	0.417
	LTE Band 7_Ant 2	20M	QPSK	1	0	Back	10mm	6	21100	2535	19.61	20.60	1.256	-0.13	0.348	0.437
	LTE Band 7_Ant 2	20M	QPSK	50	0	Back	10mm	6	21100	2535	19.71	20.60	1.227	-0.01	0.396	0.486
	LTE ULCA_7C_Ant 2	20M	QPSK	1	0	Back	10mm	6	21100+20902	2535	20.23	20.60	1.089	0.02	0.428	0.466
	LTE Band 7_Ant 0	20M	QPSK	1	0	Front	10mm	5	21100	2535	18.13	19.95	1.521	-0.07	0.374	0.569
	LTE Band 7_Ant 0	20M	QPSK	50	0	Front	10mm	5	21100	2535	18.16	19.95	1.510	0.15	0.352	0.532
77	LTE Band 7_Ant 0	20M	QPSK	1	0	Back	10mm	5	21100	2535	18.13	19.95	1.521	0.02	0.438	0.666
	LTE Band 7_Ant 0	20M	QPSK	50	0	Back	10mm	5	21100	2535	18.16	19.95	1.510	0.08	0.424	0.640
	LTE ULCA_7C_Ant 0	20M	QPSK	1	99	Back	10mm	5	20850+21048	2510	19.15	19.95	1.202	-0.01	0.489	0.588
	LTE Band 7_Ant 0	20M	QPSK	1	0	Front	10mm	6	21100	2535	18.13	19.25	1.294	-0.07	0.374	0.484
	LTE Band 7_Ant 0	20M	QPSK	50	0	Front	10mm	6	21100	2535	18.16	19.25	1.285	0.15	0.352	0.452
	LTE Band 7_Ant 0	20M	QPSK	1	0	Back	10mm	6	21100	2535	18.13	19.25	1.294	0.02	0.438	0.567
	LTE Band 7_Ant 0	20M	QPSK	50	0	Back	10mm	6	21100	2535	18.16	19.25	1.285	0.08	0.424	0.545
	LTE ULCA_7C_Ant 0	20M	QPSK	1	99	Back	10mm	6	20850+21048	2510	19.15	19.25	1.023	-0.01	0.489	0.500
	LTE Band 12_Ant 0	10M	QPSK	1	0	Front	10mm	5/6	23095	707.5	23.98	25.00	1.265	0	0.312	0.395
	LTE Band 12_Ant 0	10M	QPSK	25	0	Front	10mm	5/6	23095	707.5	23.02	24.00	1.253	-0.19	0.241	0.302
78	LTE Band 12_Ant 0	10M	QPSK	1	0	Back	10mm	5/6	23095	707.5	23.98	25.00	1.265	0.02	0.361	0.457
	LTE Band 12_Ant 0	10M	QPSK	25	0	Back	10mm	5/6	23095	707.5	23.02	24.00	1.253	0.11	0.234	0.293
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	10mm	5/6	23095	707.5	23.82	25.00	1.312	-0.02	0.221	0.290
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	10mm	5/6	23095	707.5	22.86	24.00	1.300	-0.06	0.154	0.200
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	10mm	5/6	23095	707.5	23.82	25.00	1.312	-0.01	0.247	0.324
	LTE Band 12_Ant 1	10M	QPSK	25	0	Back	10mm	5/6	23095	707.5	22.86	24.00	1.300	0.03	0.158	0.205
	LTE Band 13_Ant 0	10M	QPSK	1	0	Front	10mm	5/6	23230	782	23.90	25.00	1.288	-0.01	0.328	0.423
	LTE Band 13_Ant 0	10M	QPSK	25	0	Front	10mm	5/6	23230	782	22.95	24.00	1.274	0.02	0.320	0.408
79	LTE Band 13_Ant 0	10M	QPSK	1	0	Back	10mm	5/6	23230	782	23.90	25.00	1.288	-0.01	0.424	0.546
	LTE Band 13_Ant 0	10M	QPSK	25	0	Back	10mm	5/6	23230	782	22.95	24.00	1.274	0.13	0.340	0.433
	LTE Band 13_Ant 1	10M	QPSK	1	0	Front	10mm	5/6	23230	782	23.97	25.00	1.268	0	0.295	0.374
	LTE Band 13_Ant 1	10M	QPSK	25	0	Front	10mm	5/6	23230	782	22.97	24.00	1.268	-0.19	0.232	0.294
	LTE Band 13_Ant 1	10M	QPSK	1	0	Back	10mm	5/6	23230	782	23.97	25.00	1.268	-0.06	0.307	0.389
	LTE Band 13_Ant 1	10M	QPSK	25	0	Back	10mm	5/6	23230	782	22.97	24.00	1.268	0.12	0.249	0.316
	LTE Band 14_Ant 0	10M	QPSK	1	0	Front	10mm	5/6	23330	793	23.91	25.00	1.285	0	0.301	0.387
	LTE Band 14_Ant 0	10M	QPSK	25	0	Front	10mm	5/6	23330	793	22.89	24.00	1.291	-0.17	0.243	0.314
80	LTE Band 14_Ant 0	10M	QPSK	1	0	Back	10mm	5/6	23330	793	23.91	25.00	1.285	0	0.482	0.620
	LTE Band 14_Ant 0	10M	QPSK	25	0	Back	10mm	5/6	23330	793	22.89	24.00	1.291	0.18	0.383	0.495
	LTE Band 14_Ant 1	10M	QPSK	1	0	Front	10mm	5/6	23330	793	23.82	25.00	1.312	-0.02	0.249	0.327
	LTE Band 14_Ant 1	10M	QPSK	25	0	Front	10mm	5/6	23330	793	22.81	24.00	1.315	0.11	0.195	0.256
	LTE Band 14_Ant 1	10M	QPSK	1	0	Back	10mm	5/6	23330	793	23.82	25.00	1.312	0.01	0.310	0.407
	LTE Band 14_Ant 1	10M	QPSK	25	0	Back	10mm	5/6	23330	793	22.81	24.00	1.315	-0.14	0.268	0.352

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 25_Ant 2	20M	QPSK	1	0	Front	10mm	5	26340	1880	19.70	21.50	1.514	-0.06	0.234	0.354
	LTE Band 25_Ant 2	20M	QPSK	50	0	Front	10mm	5	26340	1880	19.73	21.50	1.503	0.02	0.234	0.352
	LTE Band 25_Ant 2	20M	QPSK	1	0	Back	10mm	5	26340	1880	19.70	21.50	1.514	0.01	0.275	0.416
	LTE Band 25_Ant 2	20M	QPSK	50	0	Back	10mm	5	26340	1880	19.73	21.50	1.503	0.09	0.233	0.350
	LTE Band 25_Ant 2	20M	QPSK	1	0	Front	10mm	6	26340	1880	19.70	20.80	1.288	-0.06	0.234	0.301
	LTE Band 25_Ant 2	20M	QPSK	50	0	Front	10mm	6	26340	1880	19.73	20.80	1.279	0.02	0.234	0.299
	LTE Band 25_Ant 2	20M	QPSK	1	0	Back	10mm	6	26340	1880	19.70	20.80	1.288	0.01	0.275	0.354
	LTE Band 25_Ant 2	20M	QPSK	50	0	Back	10mm	6	26340	1880	19.73	20.80	1.279	0.09	0.233	0.298
	LTE Band 25_Ant 0	20M	QPSK	1	0	Front	10mm	5	26340	1880	18.46	20.25	1.510	-0.17	0.469	0.708
	LTE Band 25_Ant 0	20M	QPSK	50	0	Front	10mm	5	26340	1880	18.47	20.25	1.507	0.12	0.421	0.634
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	5	26340	1880	18.46	20.25	1.510	-0.13	0.622	0.939
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	5	26140	1860	18.41	20.25	1.528	-0.09	0.598	0.913
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	5	26590	1905	18.36	20.25	1.545	-0.03	0.585	0.904
	LTE Band 25_Ant 0	20M	QPSK	50	0	Back	10mm	5	26340	1880	18.47	20.25	1.507	0	0.558	0.840
	LTE Band 25_Ant 0	20M	QPSK	100	0	Back	10mm	5	26340	1880	18.48	20.25	1.503	0.09	0.588	0.884
	LTE Band 25_Ant 0	20M	QPSK	1	0	Front	10mm	6	26340	1880	18.46	19.55	1.285	-0.17	0.469	0.603
	LTE Band 25_Ant 0	20M	QPSK	50	0	Front	10mm	6	26340	1880	18.47	19.55	1.282	0.12	0.421	0.540
	LTE Band 25_Ant 0	20M	QPSK	1	0	Back	10mm	6	26340	1880	18.46	19.55	1.285	-0.13	0.622	0.799
	LTE Band 25_Ant 0	20M	QPSK	50	0	Back	10mm	6	26340	1880	18.47	19.55	1.282	0	0.558	0.716
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	5	26340	1880	20.45	22.2	1.496	-0.12	0.381	0.570
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	5	26340	1880	20.39	22.2	1.517	0.17	0.374	0.567
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	5	26340	1880	20.45	22.2	1.496	-0.16	0.537	0.803
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	5	26140	1860	20.42	22.2	1.507	0.15	0.454	0.684
81	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	5	26590	1905	20.36	22.2	1.528	0.07	0.640	0.978
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	5	26340	1880	20.39	22.2	1.517	0.06	0.514	0.780
	LTE Band 25_Ant 1	20M	QPSK	100	0	Back	10mm	5	26590	1905	20.31	22.2	1.545	0.05	0.581	0.898
	LTE Band 25_Ant 1	20M	QPSK	1	0	Front	10mm	6	26340	1880	20.45	21.5	1.274	-0.12	0.381	0.485
	LTE Band 25_Ant 1	20M	QPSK	50	0	Front	10mm	6	26340	1880	20.39	21.5	1.291	0.17	0.374	0.483
	LTE Band 25_Ant 1	20M	QPSK	1	0	Back	10mm	6	26340	1880	20.45	21.5	1.274	-0.16	0.537	0.684
	LTE Band 25_Ant 1	20M	QPSK	50	0	Back	10mm	6	26340	1880	20.39	21.5	1.291	0.06	0.514	0.664
	LTE Band 25_Ant 5	20M	QPSK	1	0	Front	10mm	5	26340	1880	22.97	24.80	1.524	-0.14	0.215	0.328
	LTE Band 25_Ant 5	20M	QPSK	50	0	Front	10mm	5	26340	1880	22.29	23.80	1.416	-0.04	0.107	0.151
	LTE Band 25_Ant 5	20M	QPSK	1	0	Back	10mm	5	26340	1880	22.97	24.80	1.524	-0.03	0.276	0.421
	LTE Band 25_Ant 5	20M	QPSK	50	0	Back	10mm	5	26340	1880	22.29	23.80	1.416	0.01	0.138	0.195
	LTE Band 25_Ant 5	20M	QPSK	1	0	Front	10mm	6	26340	1880	22.97	24.30	1.358	-0.14	0.215	0.292
	LTE Band 25_Ant 5	20M	QPSK	50	0	Front	10mm	6	26340	1880	22.29	23.80	1.416	-0.04	0.107	0.151
	LTE Band 25_Ant 5	20M	QPSK	1	0	Back	10mm	6	26340	1880	22.97	24.30	1.358	-0.03	0.276	0.375
	LTE Band 25_Ant 5	20M	QPSK	50	0	Back	10mm	6	26340	1880	22.29	23.80	1.416	0.01	0.138	0.195

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 26_Ant 0	15M	QPSK	1	0	Front	10mm	5	26865	831.5	24.28	25.00	1.180	0.01	0.366	0.432
	LTE Band 26_Ant 0	15M	QPSK	36	0	Front	10mm	5	26865	831.5	23.45	24.00	1.135	0.07	0.301	0.342
82	LTE Band 26_Ant 0	15M	QPSK	1	0	Back	10mm	5	26865	831.5	24.28	25.00	1.180	0	0.665	0.785
	LTE Band 26_Ant 0	15M	QPSK	36	0	Back	10mm	5	26865	831.5	23.45	24.00	1.135	0.09	0.542	0.615
	LTE ULCA_5B_Ant 0	10M	QPSK	1	49	Back	10mm	5	20450+20549	829	24.02	25.00	1.253	-0.01	0.572	0.717
	LTE Band 26_Ant 0	15M	QPSK	1	0	Front	10mm	6	26865	831.5	24.28	24.80	1.127	0.01	0.366	0.413
	LTE Band 26_Ant 0	15M	QPSK	36	0	Front	10mm	6	26865	831.5	23.45	24.00	1.135	0.07	0.301	0.342
	LTE Band 26_Ant 0	15M	QPSK	1	0	Back	10mm	6	26865	831.5	24.28	24.80	1.127	0	0.665	0.750
	LTE Band 26_Ant 0	15M	QPSK	36	0	Back	10mm	6	26865	831.5	23.45	24.00	1.135	0.09	0.542	0.615
	LTE ULCA_5B_Ant 0	10M	QPSK	1	49	Back	10mm	6	20450+20549	829	24.02	24.80	1.197	-0.01	0.572	0.685
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	5/6	26865	831.5	24.15	25.00	1.216	-0.01	0.272	0.331
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	5/6	26865	831.5	23.15	24.00	1.216	-0.03	0.215	0.261
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	5/6	26865	831.5	24.15	25.00	1.216	0	0.393	0.478
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	5/6	26865	831.5	23.15	24.00	1.216	-0.01	0.320	0.389
	LTE ULCA_5B_Ant 1	10M	QPSK	1	0	Back	10mm	5/6	20574+20475	841.4	23.51	25.00	1.409	0.02	0.312	0.440
	LTE Band 30_Ant 2	10M	QPSK	1	0	Front	10mm	5	27710	2310	20.47	22.00	1.422	0.04	0.353	0.502
	LTE Band 30_Ant 2	10M	QPSK	25	0	Front	10mm	5	27710	2310	20.53	22.00	1.403	0.01	0.364	0.511
	LTE Band 30_Ant 2	10M	QPSK	1	0	Back	10mm	5	27710	2310	20.47	22.00	1.422	-0.01	0.431	0.613
	LTE Band 30_Ant 2	10M	QPSK	25	0	Back	10mm	5	27710	2310	20.53	22.00	1.403	0.08	0.416	0.584
	LTE Band 30_Ant 2	10M	QPSK	1	0	Front	10mm	6	27710	2310	20.47	21.30	1.211	0.04	0.353	0.427
	LTE Band 30_Ant 2	10M	QPSK	25	0	Front	10mm	6	27710	2310	20.53	21.30	1.194	0.01	0.364	0.435
	LTE Band 30_Ant 2	10M	QPSK	1	0	Back	10mm	6	27710	2310	20.47	21.30	1.211	-0.01	0.431	0.522
	LTE Band 30_Ant 2	10M	QPSK	25	0	Back	10mm	6	27710	2310	20.53	21.30	1.194	0.08	0.416	0.497
	LTE Band 30_Ant 0	10M	QPSK	1	0	Front	10mm	5	27710	2310	19.37	20.65	1.343	-0.01	0.527	0.708
	LTE Band 30_Ant 0	10M	QPSK	25	0	Front	10mm	5	27710	2310	19.44	20.65	1.321	0.09	0.521	0.688
83	LTE Band 30_Ant 0	10M	QPSK	1	0	Back	10mm	5	27710	2310	19.37	20.65	1.343	0	0.593	0.796
	LTE Band 30_Ant 0	10M	QPSK	25	0	Back	10mm	5	27710	2310	19.44	20.65	1.321	0.01	0.578	0.764
	LTE Band 30_Ant 0	10M	QPSK	1	0	Front	10mm	6	27710	2310	19.37	19.95	1.143	-0.01	0.527	0.602
	LTE Band 30_Ant 0	10M	QPSK	25	0	Front	10mm	6	27710	2310	19.44	19.95	1.125	0.09	0.521	0.586
	LTE Band 30_Ant 0	10M	QPSK	1	0	Back	10mm	6	27710	2310	19.37	19.95	1.143	0	0.593	0.678
	LTE Band 30_Ant 0	10M	QPSK	25	0	Back	10mm	6	27710	2310	19.44	19.95	1.125	0.01	0.578	0.650

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 41_Ant 2	20M	QPSK	1	0	Front	10mm	5	40620	2593	23.51	24.30	1.199	62.9	1.006	-0.02	0.480	0.579
	LTE Band 41_Ant 2	20M	QPSK	50	0	Front	10mm	5	40620	2593	23.06	24.00	1.242	62.9	1.006	0.1	0.428	0.535
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	40620	2593	23.51	24.30	1.199	62.9	1.006	-0.02	0.516	0.623
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	39750	2506	23.46	24.30	1.213	62.9	1.006	0.08	0.445	0.543
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	23.50	24.30	1.202	62.9	1.006	0	0.499	0.604
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	41055	2636.5	23.38	24.30	1.236	62.9	1.006	0	0.500	0.622
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	5	41490	2680	23.44	24.30	1.219	62.9	1.006	-0.11	0.507	0.622
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	5	40620	2593	23.06	24.00	1.242	62.9	1.006	-0.11	0.460	0.575
	LTE Band 41_Ant 2	20M	QPSK	100	0	Back	10mm	5	40620	2593	23.03	24.00	1.250	62.9	1.006	0.08	0.463	0.582
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	40620	2593	24.91	25.90	1.256	42.9	1.009	-0.18	0.468	0.593
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	39750	2506	24.85	25.90	1.274	42.9	1.009	0.03	0.408	0.524
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	24.90	25.90	1.259	42.9	1.009	-0.06	0.456	0.579
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	41055	2636.5	24.73	25.90	1.309	42.9	1.009	0.18	0.454	0.600
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	5	41490	2680	24.82	25.90	1.282	42.9	1.009	-0.09	0.463	0.599
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Back	10mm	5	40620+40422	2593	22.74	23.80	1.276	62.9	1.006	0.03	0.436	0.560
	LTE Band 41_Ant 2	20M	QPSK	1	0	Front	10mm	6	40620	2593	23.51	23.60	1.021	62.9	1.006	-0.02	0.480	0.493
	LTE Band 41_Ant 2	20M	QPSK	50	0	Front	10mm	6	40620	2593	23.06	23.60	1.132	62.9	1.006	0.1	0.428	0.488
	LTE Band 41_Ant 2	20M	QPSK	1	0	Back	10mm	6	40620	2593	23.51	23.60	1.021	62.9	1.006	-0.02	0.516	0.530
	LTE Band 41_Ant 2	20M	QPSK	50	0	Back	10mm	6	40620	2593	23.06	23.60	1.132	62.9	1.006	-0.11	0.460	0.524
	LTE Band 41_HPUE_Ant 2	20M	QPSK	1	0	Back	10mm	6	40620	2593	24.91	25.20	1.069	42.9	1.009	-0.18	0.468	0.505
	LTE ULCA_41C_Ant 2	20M	QPSK	1	0	Back	10mm	6	40620+40422	2593	22.74	23.10	1.086	62.9	1.006	0.03	0.436	0.477
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	5	40620	2593	21.19	22.65	1.400	62.9	1.006	0.06	0.335	0.472
	LTE Band 41_Ant 0	20M	QPSK	50	0	Front	10mm	5	40620	2593	21.13	22.65	1.419	62.9	1.006	0.17	0.355	0.507
84	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	40620	2593	21.19	22.65	1.459	62.9	1.006	0.1	0.656	0.923
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	39750	2506	21.15	22.65	1.413	62.9	1.006	-0.11	0.499	0.709
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	21.18	22.65	1.403	62.9	1.006	-0.13	0.459	0.648
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	41055	2636.5	20.89	22.65	1.500	62.9	1.006	0.1	0.420	0.634
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	5	41490	2680	21.03	22.65	1.452	62.9	1.006	0.01	0.405	0.592
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	40620	2593	21.13	22.65	1.419	62.9	1.006	0.16	0.460	0.657
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	39750	2506	21.05	22.65	1.445	62.9	1.006	0.17	0.430	0.625
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	40185	2549.5	21.07	22.65	1.439	62.9	1.006	-0.08	0.417	0.604
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	41055	2636.5	20.89	22.65	1.500	62.9	1.006	0.06	0.408	0.616
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	5	41490	2680	20.96	22.65	1.476	62.9	1.006	-0.1	0.411	0.610
	LTE Band 41_Ant 0	20M	QPSK	100	0	Back	10mm	5	40620	2593	21.13	22.65	1.419	62.9	1.006	0.17	0.455	0.650
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	40620	2593	22.86	24.25	1.377	42.9	1.009	0.08	0.600	0.834
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	39750	2506	22.84	24.25	1.384	42.9	1.009	0.05	0.475	0.663
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	40185	2549.5	22.85	24.25	1.380	42.9	1.009	0.1	0.441	0.614
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	41055	2636.5	22.49	24.25	1.500	42.9	1.009	0.11	0.387	0.586
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	5	41490	2680	22.65	24.25	1.445	42.9	1.009	-0.19	0.376	0.548
	LTE ULCA_41C_Ant 0	20M	QPSK	1	0	Back	10mm	5	40620+40422	2593	20.11	21.15	1.271	62.9	1.006	-0.06	0.465	0.594
	LTE Band 41_Ant 0	20M	QPSK	1	0	Front	10mm	6	40620	2593	21.19	21.95	1.191	62.9	1.006	0.06	0.335	0.401
	LTE Band 41_Ant 0	20M	QPSK	50	0	Front	10mm	6	40620	2593	21.13	21.95	1.208	62.9	1.006	0.17	0.355	0.431
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	40620	2593	21.19	21.95	1.242	62.9	1.006	0.1	0.656	0.786
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	39750	2506	21.15	21.95	1.202	62.9	1.006	-0.11	0.499	0.604
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	40185	2549.5	21.18	21.95	1.194	62.9	1.006	-0.13	0.459	0.551
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	41055	2636.5	20.89	21.95	1.276	62.9	1.006	0.1	0.420	0.539
	LTE Band 41_Ant 0	20M	QPSK	1	0	Back	10mm	6	41490	2680	21.03	21.95	1.236	62.9	1.006	0.01	0.405	0.504
	LTE Band 41_Ant 0	20M	QPSK	50	0	Back	10mm	6	40620	2593	21.13	21.95	1.208	62.9	1.006	0.16	0.460	0.559
	LTE Band 41_Ant 0	20M	QPSK	100	0	Back	10mm	6	40620	2593	21.13	21.95	1.208	62.9	1.006	0.17	0.455	0.553
	LTE Band 41_HPUE_Ant 0	20M	QPSK	1	0	Back	10mm	6	40620	2593	22.86	23.55	1.172	42.9	1.009	0.08	0.600	0.710
	LTE ULCA_41C_Ant 0	20M	QPSK	1	0	Back	10mm	6	40620+40422	2593	20.11	20.45	1.081	62.9	1.006	-0.06	0.465	0.506

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 48_Ant 6	20M	QPSK	1	0	Front	10mm	5	55830	3609	21.16	22.60	1.393	62.9	1.006	-0.14	0.194	0.272
	LTE Band 48_Ant 6	20M	QPSK	50	0	Front	10mm	5	55830	3609	21.15	22.60	1.396	62.9	1.006	0.15	0.189	0.265
85	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	5	55830	3609	21.16	22.60	1.393	62.9	1.006	-0.11	0.431	0.604
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	5	55340	3560	21.06	22.60	1.426	62.9	1.006	-0.08	0.413	0.592
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	5	56150	3641	21.13	22.60	1.403	62.9	1.006	-0.08	0.405	0.572
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	5	56640	3690	21.10	22.60	1.413	62.9	1.006	0.02	0.408	0.580
	LTE Band 48_Ant 6	20M	QPSK	50	0	Back	10mm	5	55830	3609	21.15	22.60	1.396	62.9	1.006	-0.08	0.420	0.590
	LTE Band 48_Ant 6	20M	QPSK	100	0	Back	10mm	5	55830	3609	21.13	22.60	1.403	62.9	1.006	-0.08	0.402	0.567
	LTE Band 48_Ant 6	20M	QPSK	1	0	Front	10mm	6	55830	3609	21.16	21.90	1.186	62.9	1.006	-0.14	0.194	0.231
	LTE Band 48_Ant 6	20M	QPSK	50	0	Front	10mm	6	55830	3609	21.15	21.90	1.189	62.9	1.006	0.15	0.189	0.226
	LTE Band 48_Ant 6	20M	QPSK	1	0	Back	10mm	6	55830	3609	21.16	21.90	1.186	62.9	1.006	-0.11	0.431	0.514
	LTE Band 48_Ant 6	20M	QPSK	50	0	Back	10mm	6	55830	3609	21.15	21.90	1.189	62.9	1.006	-0.08	0.420	0.502
	LTE Band 48_Ant 7	20M	QPSK	1	0	Front	10mm	5	55830	3609	22.50	24.00	1.413	62.9	1.006	-0.14	0.221	0.314
	LTE Band 48_Ant 7	20M	QPSK	50	0	Front	10mm	5	55830	3609	21.91	23.40	1.409	62.9	1.006	0.14	0.194	0.275
	LTE Band 48_Ant 7	20M	QPSK	1	0	Back	10mm	5	55830	3609	22.50	24.00	1.413	62.9	1.006	-0.17	0.254	0.361
	LTE Band 48_Ant 7	20M	QPSK	50	0	Back	10mm	5	55830	3609	21.91	23.40	1.409	62.9	1.006	-0.08	0.211	0.299
	LTE Band 48_Ant 7	20M	QPSK	1	0	Front	10mm	6	55830	3609	22.50	23.50	1.259	62.9	1.006	-0.14	0.221	0.280
	LTE Band 48_Ant 7	20M	QPSK	50	0	Front	10mm	6	55830	3609	21.91	23.40	1.409	62.9	1.006	0.14	0.194	0.275
	LTE Band 48_Ant 7	20M	QPSK	1	0	Back	10mm	6	55830	3609	22.50	23.50	1.259	62.9	1.006	-0.17	0.254	0.322
	LTE Band 48_Ant 7	20M	QPSK	50	0	Back	10mm	6	55830	3609	21.91	23.40	1.409	62.9	1.006	-0.08	0.211	0.299

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 66_Ant 2	20M	QPSK	1	0	Front	10mm	5	132322	1745	20.91	22.60	1.476	0.05	0.238	0.351
	LTE Band 66_Ant 2	20M	QPSK	50	0	Front	10mm	5	132322	1745	20.96	22.60	1.459	0.01	0.233	0.340
	LTE Band 66_Ant 2	20M	QPSK	1	0	Back	10mm	5	132322	1745	20.91	22.60	1.476	0.03	0.299	0.441
	LTE Band 66_Ant 2	20M	QPSK	50	0	Back	10mm	5	132322	1745	20.96	22.60	1.459	-0.19	0.242	0.353
	LTE ULCA_66B_Ant 2	15M	QPSK	1	74	Back	10mm	5	132047+132140	1717.5	21.53	22.60	1.279	-0.01	0.336	0.430
	LTE ULCA_66C_Ant 2	20M	QPSK	1	0	Back	10mm	5	132322+132124	1745	21.61	22.60	1.256	-0.03	0.330	0.414
	LTE Band 66_Ant 2	20M	QPSK	1	0	Front	10mm	6	132322	1745	20.91	21.90	1.256	0.05	0.238	0.299
	LTE Band 66_Ant 2	20M	QPSK	50	0	Front	10mm	6	132322	1745	20.96	21.90	1.242	0.01	0.233	0.289
	LTE Band 66_Ant 2	20M	QPSK	1	0	Back	10mm	6	132322	1745	20.91	21.90	1.256	0.03	0.299	0.376
	LTE Band 66_Ant 2	20M	QPSK	50	0	Back	10mm	6	132322	1745	20.96	21.90	1.242	-0.19	0.242	0.300
	LTE ULCA_66B_Ant 2	15M	QPSK	1	74	Back	10mm	6	132047+132140	1717.5	21.53	21.90	1.089	-0.01	0.336	0.366
	LTE ULCA_66C_Ant 2	20M	QPSK	1	0	Back	10mm	6	132322+132124	1745	21.61	21.90	1.069	-0.03	0.330	0.353
	LTE Band 66_Ant 0	20M	QPSK	1	0	Front	10mm	5	132322	1745	19.45	20.75	1.349	0.19	0.468	0.631
	LTE Band 66_Ant 0	20M	QPSK	50	0	Front	10mm	5	132322	1745	19.43	20.75	1.355	-0.07	0.475	0.644
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	5	132322	1745	19.45	20.75	1.349	0.07	0.712	0.960
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	5	132072	1720	19.34	20.75	1.384	0.1	0.669	0.926
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	5	132572	1770	19.16	20.75	1.442	0.05	0.651	0.939
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	5	132322	1745	19.43	20.75	1.355	-0.06	0.699	0.947
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	5	132072	1720	19.32	20.75	1.390	0.15	0.678	0.942
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	5	132572	1770	19.15	20.75	1.445	0.07	0.663	0.958
	LTE Band 66_Ant 0	20M	QPSK	100	0	Back	10mm	5	132322	1745	19.36	20.75	1.377	0.03	0.681	0.938
	LTE ULCA_66B_Ant 0	15M	QPSK	1	74	Back	10mm	5	132047+132140	1717.5	18.97	20.75	1.507	-0.03	0.612	0.922
	LTE ULCA_66B_Ant 0	15M	QPSK	1	0	Back	10mm	5	132322+132229	1745	18.97	20.75	1.507	-0.03	0.599	0.902
	LTE ULCA_66B_Ant 0	15M	QPSK	1	0	Back	10mm	5	132597+13204	1772.5	18.97	20.75	1.507	-0.03	0.581	0.875
	LTE ULCA_66C_Ant 0	20M	QPSK	1	0	Back	10mm	5	132572+132374	1770	18.99	20.75	1.500	-0.01	0.596	0.894
	LTE ULCA_66C_Ant 0	20M	QPSK	1	99	Back	10mm	5	132072+132270	1720	18.99	20.75	1.500	-0.01	0.585	0.877
	LTE ULCA_66C_Ant 0	20M	QPSK	1	0	Back	10mm	5	132322+132124	1745	18.99	20.75	1.500	-0.01	0.581	0.871
	LTE Band 66_Ant 0	20M	QPSK	1	0	Front	10mm	6	132322	1745	19.45	20.05	1.148	0.19	0.468	0.537
	LTE Band 66_Ant 0	20M	QPSK	50	0	Front	10mm	6	132322	1745	19.43	20.05	1.153	-0.07	0.475	0.548
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	6	132322	1745	19.45	20.05	1.148	0.07	0.712	0.817
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	6	132072	1720	19.34	20.05	1.178	0.1	0.669	0.788
	LTE Band 66_Ant 0	20M	QPSK	1	0	Back	10mm	6	132572	1770	19.16	20.05	1.227	0.05	0.651	0.799
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	6	132322	1745	19.43	20.05	1.153	-0.06	0.699	0.806
	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	6	132072	1720	19.32	20.05	1.183	0.15	0.678	0.802

	LTE Band 66_Ant 0	20M	QPSK	50	0	Back	10mm	6	132572	1770	19.15	20.05	1.230	0.07	0.663	0.816
	LTE Band 66_Ant 0	20M	QPSK	100	0	Back	10mm	6	132322	1745	19.36	20.05	1.172	0.03	0.681	0.798
	LTE ULCA_66B_Ant 0	15M	QPSK	1	74	Back	10mm	6	132047+132140	1717.5	18.97	20.05	1.282	-0.03	0.612	0.785
	LTE ULCA_66C_Ant 0	20M	QPSK	1	0	Back	10mm	6	132572+132374	1770	18.99	20.05	1.276	-0.01	0.596	0.761
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	5	132322	1745	21.65	23.10	1.396	0.01	0.222	0.310
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	5	132322	1745	21.61	23.10	1.409	-0.11	0.253	0.357
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	5	132322	1745	21.65	23.10	1.396	-0.06	0.520	0.726
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	5	132322	1745	21.61	23.10	1.409	0.04	0.684	0.964
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	5	132072	1720	21.6	23.10	1.413	-0.09	0.336	0.475
86	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	5	132572	1770	21.58	23.10	1.419	0.01	0.699	0.992
	LTE Band 66_Ant 1	20M	QPSK	100	0	Back	10mm	5	132322	1745	21.56	23.10	1.426	0.02	0.608	0.867
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	6	132322	1745	21.65	22.4	1.189	0.01	0.222	0.264
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	6	132322	1745	21.61	22.4	1.199	-0.11	0.253	0.303
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	6	132322	1745	21.65	22.4	1.189	-0.06	0.520	0.618
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	6	132322	1745	21.61	22.4	1.199	0.04	0.698	0.837
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	6	132072	1720	21.6	22.4	1.202	-0.09	0.336	0.404
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	6	132572	1770	21.58	22.4	1.208	0.01	0.699	0.844
	LTE Band 66_Ant 1	20M	QPSK	100	0	Back	10mm	6	132322	1745	21.56	22.4	1.213	0.02	0.608	0.738
	LTE Band 66_Ant 5	20M	QPSK	1	0	Front	10mm	5/6	132322	1745	23.01	24.80	1.510	-0.18	0.391	0.590
	LTE Band 66_Ant 5	20M	QPSK	50	0	Front	10mm	5/6	132322	1745	22.38	23.80	1.387	-0.03	0.338	0.469
	LTE Band 66_Ant 5	20M	QPSK	1	0	Back	10mm	5/6	132322	1745	23.01	24.80	1.510	-0.01	0.440	0.664
	LTE Band 66_Ant 5	20M	QPSK	50	0	Back	10mm	5/6	132322	1745	22.38	23.80	1.387	0.05	0.384	0.533
	LTE Band 71_Ant 0	20M	QPSK	1	0	Front	10mm	5/6	133297	680.5	24.00	25.00	1.259	0.02	0.290	0.365
	LTE Band 71_Ant 0	20M	QPSK	50	0	Front	10mm	5/6	133297	680.5	22.93	24.00	1.279	-0.08	0.243	0.311
87	LTE Band 71_Ant 0	20M	QPSK	1	0	Back	10mm	5/6	133297	680.5	24.00	25.00	1.259	-0.04	0.377	0.475
	LTE Band 71_Ant 0	20M	QPSK	50	0	Back	10mm	5/6	133297	680.5	22.93	24.00	1.279	-0.15	0.281	0.360
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	5/6	133297	680.5	24.45	25.00	1.135	-0.01	0.224	0.254
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	5/6	133297	680.5	23.43	24.00	1.140	0.11	0.168	0.192
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	10mm	5/6	133297	680.5	24.45	25.00	1.135	0.04	0.268	0.304
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	10mm	5/6	133297	680.5	23.43	24.00	1.140	-0.03	0.217	0.247

<5G NR SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n7_Ant 2	50M	BPSK	1	1	Front	10mm	5	507000	2535	21.36	22.10	1.186	0.15	0.393	0.466
	FR1 n7_Ant 2	50M	BPSK	135	68	Front	10mm	5	507000	2535	21.26	22.10	1.213	0.07	0.503	0.610
	FR1 n7_Ant 2	50M	BPSK	1	1	Back	10mm	5	507000	2535	21.36	22.10	1.186	-0.02	0.531	0.630
	FR1 n7_Ant 2	50M	BPSK	135	68	Back	10mm	5	507000	2535	21.26	22.10	1.213	0.06	0.477	0.579
	FR1 n7_Ant 2	50M	BPSK	1	1	Front	10mm	6	507000	2535	21.36	21.40	1.009	0.15	0.393	0.397
	FR1 n7_Ant 2	50M	BPSK	135	68	Front	10mm	6	507000	2535	21.26	21.40	1.033	0.07	0.503	0.519
	FR1 n7_Ant 2	50M	BPSK	1	1	Back	10mm	6	507000	2535	21.36	21.40	1.009	-0.02	0.531	0.536
	FR1 n7_Ant 2	50M	BPSK	135	68	Back	10mm	6	507000	2535	21.26	21.40	1.033	0.06	0.477	0.493
	FR1 n7_Ant 0	50M	BPSK	1	1	Front	10mm	5	507000	2535	18.34	19.95	1.449	-0.04	0.419	0.607
	FR1 n7_Ant 0	50M	BPSK	135	68	Front	10mm	5	507000	2535	18.28	19.95	1.469	0.1	0.381	0.560
88	FR1 n7_Ant 0	50M	BPSK	1	1	Back	10mm	5	507000	2535	18.34	19.95	1.449	-0.08	0.479	0.694
	FR1 n7_Ant 0	50M	BPSK	135	68	Back	10mm	5	507000	2535	18.28	19.95	1.469	0.03	0.421	0.618
	FR1 n7_Ant 0	50M	BPSK	1	1	Front	10mm	6	507000	2535	18.34	19.25	1.233	-0.04	0.419	0.517
	FR1 n7_Ant 0	50M	BPSK	135	68	Front	10mm	6	507000	2535	18.28	19.25	1.250	0.1	0.381	0.476
	FR1 n7_Ant 0	50M	BPSK	1	1	Back	10mm	6	507000	2535	18.34	19.25	1.233	-0.08	0.479	0.591
	FR1 n7_Ant 0	50M	BPSK	135	68	Back	10mm	6	507000	2535	18.28	19.25	1.250	0.03	0.421	0.526
89	FR1 n12_Ant 0	15M	BPSK	1	1	Front	10mm	5/6	141500	707.5	24.35	25.00	1.161	-0.15	0.338	0.393
	FR1 n12_Ant 0	15M	BPSK	36	22	Front	10mm	5/6	141500	707.5	24.27	25.00	1.183	0.15	0.330	0.390
	FR1 n12_Ant 0	15M	BPSK	1	1	Back	10mm	5/6	141500	707.5	24.35	25.00	1.161	-0.03	0.296	0.344
	FR1 n12_Ant 0	15M	BPSK	36	22	Back	10mm	5/6	141500	707.5	24.27	25.00	1.183	0.11	0.260	0.308
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	10mm	5/6	141500	707.5	24.16	25.00	1.213	-0.02	0.226	0.274
	FR1 n12_Ant 1	15M	BPSK	36	22	Front	10mm	5/6	141500	707.5	24.15	25.00	1.216	0.01	0.223	0.271
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	10mm	5/6	141500	707.5	24.16	25.00	1.213	-0.02	0.188	0.228
	FR1 n12_Ant 1	15M	BPSK	36	22	Back	10mm	5/6	141500	707.5	24.15	25.00	1.216	0.09	0.170	0.207
	FR1 n14_Ant 0	10M	BPSK	1	1	Front	10mm	5/6	158600	793	24.28	25.00	1.180	0.02	0.323	0.381
	FR1 n14_Ant 0	10M	BPSK	25	14	Front	10mm	5/6	158600	793	24.25	25.00	1.189	-0.11	0.310	0.368
90	FR1 n14_Ant 0	10M	BPSK	1	1	Back	10mm	5/6	158600	793	24.28	25.00	1.180	-0.02	0.475	0.561
	FR1 n14_Ant 0	10M	BPSK	25	14	Back	10mm	5/6	158600	793	24.25	25.00	1.189	0.18	0.443	0.527
	FR1 n14_Ant 1	10M	BPSK	1	1	Front	10mm	5/6	158600	793	24.08	25.00	1.236	0.09	0.249	0.308
	FR1 n14_Ant 1	10M	BPSK	25	14	Front	10mm	5/6	158600	793	24.06	25.00	1.242	-0.09	0.267	0.332
	FR1 n14_Ant 1	10M	BPSK	1	1	Back	10mm	5/6	158600	793	24.08	25.00	1.236	0.01	0.270	0.334
	FR1 n14_Ant 1	10M	BPSK	25	14	Back	10mm	5/6	158600	793	24.06	25.00	1.242	-0.01	0.306	0.380

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n25_Ant 2	40M	BPSK	1	1	Front	10mm	5	376500	1882.5	20.05	21.90	1.531	-0.12	0.262	0.401
	FR1 n25_Ant 2	40M	BPSK	108	54	Front	10mm	5	376500	1882.5	20.04	21.90	1.535	-0.02	0.260	0.399
	FR1 n25_Ant 2	40M	BPSK	1	1	Back	10mm	5	376500	1882.5	20.05	21.90	1.531	-0.04	0.313	0.479
	FR1 n25_Ant 2	40M	BPSK	108	54	Back	10mm	5	376500	1882.5	20.04	21.90	1.535	0.01	0.305	0.468
	FR1 n25_Ant 2	40M	BPSK	1	1	Front	10mm	6	376500	1882.5	20.05	21.20	1.303	-0.12	0.262	0.341
	FR1 n25_Ant 2	40M	BPSK	108	54	Front	10mm	6	376500	1882.5	20.04	21.20	1.306	-0.02	0.260	0.340
	FR1 n25_Ant 2	40M	BPSK	1	1	Back	10mm	6	376500	1882.5	20.05	21.20	1.303	-0.04	0.313	0.408
	FR1 n25_Ant 2	40M	BPSK	108	54	Back	10mm	6	376500	1882.5	20.04	21.20	1.306	0.01	0.305	0.398
	FR1 n25_Ant 0	40M	BPSK	1	1	Front	10mm	5	376500	1882.5	19.05	20.75	1.479	0.04	0.296	0.438
	FR1 n25_Ant 0	40M	BPSK	108	54	Front	10mm	5	376500	1882.5	19.12	20.75	1.455	-0.03	0.430	0.626
	FR1 n25_Ant 0	40M	BPSK	1	1	Back	10mm	5	376500	1882.5	19.05	20.75	1.479	0.01	0.420	0.621
	FR1 n25_Ant 0	40M	BPSK	108	54	Back	10mm	5	376500	1882.5	19.12	20.75	1.455	0.02	0.621	0.904
	FR1 n25_Ant 0	40M	BPSK	216	0	Back	10mm	5	376500	1882.5	19.12	20.75	1.455	0.02	0.600	0.873
	FR1 n25_Ant 0	40M	BPSK	1	1	Front	10mm	6	376500	1882.5	19.05	20.05	1.259	0.04	0.296	0.373
	FR1 n25_Ant 0	40M	BPSK	108	54	Front	10mm	6	376500	1882.5	19.12	20.05	1.239	-0.03	0.430	0.533
	FR1 n25_Ant 0	40M	BPSK	1	1	Back	10mm	6	376500	1882.5	19.05	20.05	1.259	0.01	0.420	0.529
	FR1 n25_Ant 0	40M	BPSK	108	54	Back	10mm	6	376500	1882.5	19.12	20.05	1.239	0.02	0.621	0.769
	FR1 n25_Ant 1	40M	BPSK	1	1	Front	10mm	5	376500	1882.5	21.02	22.6	1.439	0.05	0.500	0.719
	FR1 n25_Ant 1	40M	BPSK	108	54	Front	10mm	5	376500	1882.5	21.01	22.6	1.442	-0.02	0.557	0.803
	FR1 n25_Ant 1	40M	BPSK	216	0	Front	10mm	5	376500	1882.5	21	22.6	1.445	0.02	0.541	0.782
	FR1 n25_Ant 1	40M	BPSK	1	1	Back	10mm	5	376500	1882.5	21.02	22.6	1.439	0.01	0.566	0.814
91	FR1 n25_Ant 1	40M	BPSK	108	54	Back	10mm	5	376500	1882.5	21.01	22.6	1.442	-0.17	0.681	0.982
	FR1 n25_Ant 1	40M	BPSK	216	0	Back	10mm	5	376500	1882.5	21	22.6	1.445	-0.07	0.659	0.953
	FR1 n25_Ant 1	40M	BPSK	1	1	Front	10mm	6	376500	1882.5	21.02	21.9	1.225	0.05	0.500	0.612
	FR1 n25_Ant 1	40M	BPSK	108	54	Front	10mm	6	376500	1882.5	21.01	21.9	1.227	-0.02	0.557	0.684
	FR1 n25_Ant 1	40M	BPSK	1	1	Back	10mm	6	376500	1882.5	21.02	21.9	1.225	0.01	0.566	0.693
	FR1 n25_Ant 1	40M	BPSK	108	54	Back	10mm	6	376500	1882.5	21.01	21.9	1.227	-0.17	0.681	0.836
	FR1 n25_Ant 1	40M	BPSK	216	0	Back	10mm	6	376500	1882.5	21	21.9	1.230	-0.07	0.659	0.811
	FR1 n25_Ant 5	40M	BPSK	1	1	Front	10mm	5/6	376500	1882.5	23.41	24.80	1.377	-0.13	0.259	0.357
	FR1 n25_Ant 5	40M	BPSK	108	54	Front	10mm	5/6	376500	1882.5	23.28	24.80	1.419	-0.12	0.270	0.383
	FR1 n25_Ant 5	40M	BPSK	1	1	Back	10mm	5/6	376500	1882.5	23.41	24.80	1.377	0.07	0.306	0.421
	FR1 n25_Ant 5	40M	BPSK	108	54	Back	10mm	5/6	376500	1882.5	23.28	24.80	1.419	0.18	0.343	0.487
	FR1 n26_Ant 0	20M	BPSK	1	1	Front	10mm	5/6	166300	831.5	24.28	25.00	1.180	0.03	0.356	0.420
	FR1 n26_Ant 0	20M	BPSK	50	28	Front	10mm	5/6	166300	831.5	24.20	25.00	1.202	-0.02	0.389	0.468
92	FR1 n26_Ant 0	20M	BPSK	1	1	Back	10mm	5/6	166300	831.5	24.28	25.00	1.180	-0.06	0.620	0.732
	FR1 n26_Ant 0	20M	BPSK	50	28	Back	10mm	5/6	166300	831.5	24.20	25.00	1.202	0.19	0.572	0.688
	FR1 n26_Ant 1	20M	BPSK	1	1	Front	10mm	5/6	166300	831.5	24.11	25.00	1.227	-0.16	0.294	0.361
	FR1 n26_Ant 1	20M	BPSK	50	28	Front	10mm	5/6	166300	831.5	24.07	25.00	1.239	-0.15	0.306	0.379
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	5/6	166300	831.5	24.11	25.00	1.227	-0.01	0.354	0.435
	FR1 n26_Ant 1	20M	BPSK	50	28	Back	10mm	5/6	166300	831.5	24.07	25.00	1.239	0.08	0.318	0.394
	FR1 n30_Ant 2	10M	BPSK	1	1	Front	10mm	5	462000	2310	20.67	21.80	1.297	0.02	0.359	0.466
	FR1 n30_Ant 2	10M	BPSK	25	14	Front	10mm	5	462000	2310	20.64	21.80	1.306	-0.02	0.350	0.457
	FR1 n30_Ant 2	10M	BPSK	1	1	Back	10mm	5	462000	2310	20.67	21.80	1.297	-0.02	0.483	0.627
	FR1 n30_Ant 2	10M	BPSK	25	14	Back	10mm	5	462000	2310	20.64	21.80	1.306	0.09	0.477	0.623
	FR1 n30_Ant 2	10M	BPSK	1	1	Front	10mm	6	462000	2310	20.67	21.10	1.104	0.02	0.359	0.396
	FR1 n30_Ant 2	10M	BPSK	25	14	Front	10mm	6	462000	2310	20.64	21.10	1.112	-0.02	0.350	0.389
	FR1 n30_Ant 2	10M	BPSK	1	1	Back	10mm	6	462000	2310	20.67	21.10	1.104	-0.02	0.483	0.533
	FR1 n30_Ant 2	10M	BPSK	25	14	Back	10mm	6	462000	2310	20.64	21.10	1.112	0.09	0.477	0.530
	FR1 n30_Ant 0	10M	BPSK	1	1	Front	10mm	5	462000	2310	19.80	20.55	1.189	-0.02	0.539	0.641
	FR1 n30_Ant 0	10M	BPSK	25	14	Front	10mm	5	462000	2310	19.82	20.55	1.183	0.01	0.530	0.627
93	FR1 n30_Ant 0	10M	BPSK	1	1	Back	10mm	5	462000	2310	19.80	20.55	1.189	0.03	0.597	0.710
	FR1 n30_Ant 0	10M	BPSK	25	14	Back	10mm	5	462000	2310	19.82	20.55	1.183	0.09	0.582	0.689
	FR1 n30_Ant 0	10M	BPSK	1	1	Front	10mm	6	462000	2310	19.80	19.85	1.012	-0.02	0.539	0.545
	FR1 n30_Ant 0	10M	BPSK	25	14	Front	10mm	6	462000	2310	19.82	19.85	1.007	0.01	0.530	0.534
	FR1 n30_Ant 0	10M	BPSK	1	1	Back	10mm	6	462000	2310	19.80	19.85	1.012	0.03	0.597	0.604
	FR1 n30_Ant 0	10M	BPSK	25	14	Back	10mm	6	462000	2310	19.82	19.85	1.007	0.09	0.582	0.586

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	5	518598	2592.99	20.10	21.40	1.349	-0.03	0.295	0.398
	FR1 n41_Ant 2	100M	BPSK	135	69	Front	10mm	5	518598	2592.99	19.84	21.40	1.432	-0.04	0.300	0.430
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	20.10	21.40	1.349	0.04	0.418	0.564
	FR1 n41_Ant 2	100M	BPSK	135	69	Back	10mm	5	518598	2592.99	19.84	21.40	1.432	0.01	0.388	0.556
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	23.14	24.40	1.337	0.02	0.381	0.509
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	6	518598	2592.99	20.10	20.70	1.148	-0.03	0.295	0.339
	FR1 n41_Ant 2	100M	BPSK	135	69	Front	10mm	6	518598	2592.99	19.84	20.70	1.219	-0.04	0.300	0.366
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	20.10	20.70	1.148	0.04	0.418	0.480
	FR1 n41_Ant 2	100M	BPSK	135	69	Back	10mm	6	518598	2592.99	19.84	20.70	1.219	0.01	0.388	0.473
	FR1 n41_HPUE_Ant 2	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	23.14	23.70	1.138	0.02	0.381	0.433
	FR1 n41_Ant 0	100M	BPSK	1	1	Front	10mm	5	518598	2592.99	18.29	19.55	1.337	0.11	0.442	0.591
	FR1 n41_Ant 0	100M	BPSK	135	69	Front	10mm	5	518598	2592.99	17.97	19.55	1.439	-0.06	0.371	0.534
	FR1 n41_Ant 0	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	18.29	19.55	1.337	-0.02	0.522	0.698
	FR1 n41_Ant 0	100M	BPSK	135	69	Back	10mm	5	518598	2592.99	17.97	19.55	1.439	0.04	0.425	0.611
	FR1 n41_Ant 0	100M	BPSK	270	0	Back	10mm	5	518598	2592.99	18.02	19.55	1.422	0.09	0.409	0.582
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	21.35	22.55	1.318	-0.01	0.514	0.678
	FR1 n41_Ant 0	100M	BPSK	1	1	Front	10mm	6	518598	2592.99	18.29	18.85	1.138	0.11	0.442	0.503
	FR1 n41_Ant 0	100M	BPSK	135	69	Front	10mm	6	518598	2592.99	17.97	18.85	1.225	-0.06	0.371	0.454
	FR1 n41_Ant 0	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	18.29	18.85	1.138	-0.02	0.522	0.594
	FR1 n41_Ant 0	100M	BPSK	135	69	Back	10mm	6	518598	2592.99	17.97	18.85	1.225	0.04	0.425	0.520
	FR1 n41_HPUE_Ant 0	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	21.35	21.85	1.122	-0.01	0.514	0.577
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	10mm	5	518598	2592.99	22.29	23.3	1.262	0.08	0.371	0.468
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	10mm	5	518598	2592.99	22.05	23.3	1.334	0.09	0.314	0.419
94	FR1 n41_Ant 1	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	22.29	23.3	1.262	-0.04	0.646	0.815
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	10mm	5	518598	2592.99	22.05	23.3	1.334	-0.04	0.489	0.652
	FR1 n41_Ant 1	100M	BPSK	270	0	Back	10mm	5	518598	2592.99	22.09	23.3	1.321	-0.06	0.477	0.630
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	25.3	26.3	1.259	0.02	0.608	0.765
	FR1 n41_Ant 1	100M	BPSK	1	1	Front	10mm	6	518598	2592.99	22.29	22.6	1.074	0.08	0.371	0.398
	FR1 n41_Ant 1	100M	BPSK	135	69	Front	10mm	6	518598	2592.99	22.05	22.6	1.135	0.09	0.314	0.356
	FR1 n41_Ant 1	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	22.29	22.6	1.074	-0.04	0.646	0.694
	FR1 n41_Ant 1	100M	BPSK	135	69	Back	10mm	6	518598	2592.99	22.05	22.6	1.135	-0.04	0.489	0.555
	FR1 n41_Ant 1	100M	BPSK	270	0	Back	10mm	6	518598	2592.99	22.09	22.6	1.125	-0.06	0.477	0.536
	FR1 n41_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	25.3	25.6	1.072	0.02	0.608	0.651
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	5	518598	2592.99	21.04	22.5	1.400	0.06	0.331	0.463
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	5	518598	2592.99	20.78	22.5	1.486	-0.11	0.276	0.410
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	21.04	22.5	1.400	-0.07	0.341	0.477
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	5	518598	2592.99	20.78	22.5	1.486	0.08	0.276	0.410
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	5	518598	2592.99	24.12	25.5	1.374	0.01	0.345	0.474
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	6	518598	2592.99	21.04	21.8	1.191	0.06	0.331	0.394
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	6	518598	2592.99	20.78	21.8	1.265	-0.11	0.276	0.349
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	21.04	21.8	1.191	-0.07	0.341	0.406
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	6	518598	2592.99	20.78	21.8	1.265	0.08	0.276	0.349
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	6	518598	2592.99	24.12	24.8	1.169	0.01	0.345	0.403

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n48_Ant 6	40M	BPSK	1	1	Front	10mm	5	641666	3624.99	19.00	20.30	1.349	-0.03	0.122	0.165
	FR1 n48_Ant 6	40M	BPSK	50	25	Front	10mm	5	641666	3624.99	19.02	20.30	1.343	-0.02	0.145	0.195
	FR1 n48_Ant 6	40M	BPSK	1	1	Back	10mm	5	641666	3624.99	19.00	20.30	1.349	0.16	0.301	0.406
	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	5	641666	3624.99	19.02	20.30	1.343	-0.01	0.322	0.432
	FR1 n48_Ant 6	40M	BPSK	1	1	Front	10mm	6	641666	3624.99	19.00	19.60	1.148	-0.03	0.122	0.140
	FR1 n48_Ant 6	40M	BPSK	50	25	Front	10mm	6	641666	3624.99	19.02	19.60	1.143	-0.02	0.145	0.166
	FR1 n48_Ant 6	40M	BPSK	1	1	Back	10mm	6	641666	3624.99	19.00	19.60	1.148	0.16	0.301	0.346
	FR1 n48_Ant 6	40M	BPSK	50	25	Back	10mm	6	641666	3624.99	19.02	19.60	1.143	-0.01	0.322	0.368
	FR1 n48_Ant 7	40M	BPSK	1	105	Front	10mm	5	641666	3624.99	18.95	19.00	1.012	-0.13	0.142	0.144
	FR1 n48_Ant 7	20M	BPSK	1	1	Front	10mm	5	641666	3624.99	20.30	22.10	1.514	-0.08	0.221	0.334
	FR1 n48_Ant 7	40M	BPSK	50	25	Front	10mm	5	641666	3624.99	20.26	22.10	1.528	-0.18	0.202	0.309
	FR1 n48_Ant 7	40M	BPSK	1	105	Back	10mm	5	641666	3624.99	18.95	19.00	1.012	0.02	0.211	0.213
	FR1 n48_Ant 7	20M	BPSK	1	1	Back	10mm	5	641666	3624.99	20.30	22.10	1.514	-0.19	0.245	0.371
	FR1 n48_Ant 7	40M	BPSK	50	25	Back	10mm	5	641666	3624.99	20.26	22.10	1.528	0.06	0.234	0.357
	FR1 n48_Ant 7	40M	BPSK	1	105	Front	10mm	6	641666	3624.99	18.95	19.00	1.012	-0.13	0.142	0.144
	FR1 n48_Ant 7	20M	BPSK	1	1	Front	10mm	6	641666	3624.99	20.30	21.40	1.288	-0.08	0.221	0.285
	FR1 n48_Ant 7	40M	BPSK	50	25	Front	10mm	6	641666	3624.99	20.26	21.40	1.300	-0.18	0.202	0.263
	FR1 n48_Ant 7	40M	BPSK	1	105	Back	10mm	6	641666	3624.99	18.95	19.00	1.012	0.02	0.211	0.213
	FR1 n48_Ant 7	20M	BPSK	1	1	Back	10mm	6	641666	3624.99	20.30	21.40	1.288	-0.19	0.245	0.316
	FR1 n48_Ant 7	40M	BPSK	50	25	Back	10mm	6	641666	3624.99	20.26	21.40	1.300	0.06	0.234	0.304
	FR1 n48_Ant 1	40M	BPSK	1	1	Front	10mm	5/6	641666	3624.99	20.05	20.50	1.109	0.03	0.188	0.209
	FR1 n48_Ant 1	20M	BPSK	1	0	Front	10mm	5/6	641666	3624.99	21.81	23.00	1.315	-0.19	0.306	0.402
	FR1 n48_Ant 1	40M	BPSK	50	25	Front	10mm	5/6	641666	3624.99	21.85	23.00	1.303	-0.03	0.300	0.391
	FR1 n48_Ant 1	40M	BPSK	1	1	Back	10mm	5/6	641666	3624.99	20.05	20.50	1.109	0.09	0.265	0.294
95	FR1 n48_Ant 1	20M	BPSK	1	0	Back	10mm	5/6	641666	3624.985	21.81	23.00	1.315	0.08	0.431	0.567
	FR1 n48_Ant 1	40M	BPSK	50	25	Back	10mm	5/6	641666	3624.99	21.85	23.00	1.303	0.01	0.418	0.545
	FR1 n48_Ant 5	40M	BPSK	1	1	Front	10mm	5/6	641666	3624.99	19.94	20.00	1.014	0.13	0.203	0.206
	FR1 n48_Ant 5	20M	BPSK	1	0	Front	10mm	5/6	641666	3624.99	22.52	23.00	1.117	-0.09	0.302	0.337
	FR1 n48_Ant 5	40M	BPSK	50	25	Front	10mm	5/6	641666	3624.99	22.60	23.00	1.096	0.03	0.265	0.291
	FR1 n48_Ant 5	40M	BPSK	1	1	Back	10mm	5/6	641666	3624.99	19.94	20.00	1.014	0.12	0.154	0.156
	FR1 n48_Ant 5	20M	BPSK	1	0	Back	10mm	5/6	641666	3624.99	22.52	23.00	1.117	-0.06	0.345	0.385
	FR1 n48_Ant 5	40M	BPSK	50	25	Back	10mm	5/6	641666	3624.99	22.60	23.00	1.096	0.18	0.289	0.317
	FR1 n66_Ant 2	40M	BPSK	1	1	Front	10mm	5	349000	1745	21.76	23.30	1.426	0.05	0.313	0.446
	FR1 n66_Ant 2	40M	BPSK	108	54	Front	10mm	5	349000	1745	21.75	23.30	1.429	-0.02	0.341	0.487
	FR1 n66_Ant 2	40M	BPSK	1	1	Back	10mm	5	349000	1745	21.76	23.30	1.426	0.08	0.420	0.599
	FR1 n66_Ant 2	40M	BPSK	108	54	Back	10mm	5	349000	1745	21.75	23.30	1.429	0.01	0.436	0.623
	FR1 n66_Ant 2	40M	BPSK	1	1	Front	10mm	6	349000	1745	21.76	22.60	1.213	0.05	0.313	0.380
	FR1 n66_Ant 2	40M	BPSK	108	54	Front	10mm	6	349000	1745	21.75	22.60	1.216	-0.02	0.341	0.415
	FR1 n66_Ant 2	40M	BPSK	1	1	Back	10mm	6	349000	1745	21.76	22.60	1.213	0.08	0.420	0.510
	FR1 n66_Ant 2	40M	BPSK	108	54	Back	10mm	6	349000	1745	21.75	22.60	1.216	0.01	0.436	0.530
	FR1 n66_Ant 0	40M	BPSK	1	108	Front	10mm	5	349000	1745	18.29	20.15	1.535	-0.11	0.408	0.626
	FR1 n66_Ant 0	40M	BPSK	108	54	Front	10mm	5	349000	1745	18.40	20.15	1.496	-0.02	0.413	0.618
	FR1 n66_Ant 0	40M	BPSK	1	108	Back	10mm	5	349000	1745	18.29	20.15	1.535	0.09	0.571	0.876
96	FR1 n66_Ant 0	40M	BPSK	108	54	Back	10mm	5	349000	1745	18.40	20.15	1.496	0	0.588	0.880
	FR1 n66_Ant 0	40M	BPSK	216	0	Back	10mm	5	349000	1745	18.39	20.15	1.500	0	0.544	0.816
	FR1 n66_Ant 0	40M	BPSK	1	108	Front	10mm	6	349000	1745	18.29	19.45	1.306	-0.11	0.408	0.533
	FR1 n66_Ant 0	40M	BPSK	108	54	Front	10mm	6	349000	1745	18.40	19.45	1.274	-0.02	0.413	0.526
	FR1 n66_Ant 0	40M	BPSK	1	108	Back	10mm	6	349000	1745	18.29	19.45	1.306	0.09	0.571	0.746
	FR1 n66_Ant 0	40M	BPSK	108	54	Back	10mm	6	349000	1745	18.40	19.45	1.274	0	0.588	0.749
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	5	349000	1745	22.2	23.5	1.349	0.08	0.344	0.464
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	10mm	5	349000	1745	22.16	23.5	1.361	0.08	0.493	0.671
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	5	349000	1745	22.2	23.5	1.349	-0.04	0.367	0.495
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	10mm	5	349000	1745	22.16	23.5	1.361	-0.1	0.542	0.738
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	6	349000	1745	22.2	22.8	1.148	0.08	0.344	0.395
	FR1 n66_Ant 1	40M	BPSK	108	54	Front	10mm	6	349000	1745	22.16	22.8	1.159	0.08	0.493	0.571
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	6	349000	1745	22.2	22.8	1.148	-0.04	0.367	0.421
	FR1 n66_Ant 1	40M	BPSK	108	54	Back	10mm	6	349000	1745	22.16	22.8	1.159	-0.1	0.542	0.628

	FR1 n66_Ant 5	40M	BPSK	1	1	Front	10mm	5	349000	1745	22.51	24.3	1.510	0.02	0.411	0.621
	FR1 n66_Ant 5	40M	BPSK	108	54	Front	10mm	5	349000	1745	22.62	24.3	1.472	-0.08	0.402	0.592
	FR1 n66_Ant 5	40M	BPSK	1	1	Back	10mm	5	349000	1745	22.51	24.3	1.510	-0.08	0.517	0.781
	FR1 n66_Ant 5	40M	BPSK	108	54	Back	10mm	5	349000	1745	22.62	24.3	1.472	0.11	0.471	0.693
	FR1 n66_Ant 5	40M	BPSK	1	1	Front	10mm	6	349000	1745	22.51	23.6	1.285	0.02	0.411	0.528
	FR1 n66_Ant 5	40M	BPSK	108	54	Front	10mm	6	349000	1745	22.62	23.6	1.253	-0.08	0.402	0.504
	FR1 n66_Ant 5	40M	BPSK	1	1	Back	10mm	6	349000	1745	22.51	23.6	1.285	-0.08	0.517	0.664
	FR1 n66_Ant 5	40M	BPSK	108	54	Back	10mm	6	349000	1745	22.62	23.6	1.253	0.11	0.471	0.590
	FR1 n70_Ant 2	15M	BPSK	1	1	Front	10mm	5	340500	1702.5	20.87	22.70	1.524	0.01	0.280	0.427
	FR1 n70_Ant 2	15M	BPSK	36	22	Front	10mm	5	340500	1702.5	20.86	22.70	1.528	-0.09	0.291	0.445
	FR1 n70_Ant 2	15M	BPSK	1	1	Back	10mm	5	340500	1702.5	20.87	22.70	1.524	0.08	0.328	0.500
	FR1 n70_Ant 2	15M	BPSK	36	22	Back	10mm	5	340500	1702.5	20.86	22.70	1.528	-0.01	0.340	0.519
	FR1 n70_Ant 2	15M	BPSK	1	1	Front	10mm	6	340500	1702.5	20.87	22.00	1.297	0.01	0.280	0.363
	FR1 n70_Ant 2	15M	BPSK	36	22	Front	10mm	6	340500	1702.5	20.86	22.00	1.300	-0.09	0.291	0.378
	FR1 n70_Ant 2	15M	BPSK	1	1	Back	10mm	6	340500	1702.5	20.87	22.00	1.297	0.08	0.328	0.425
	FR1 n70_Ant 2	15M	BPSK	36	22	Back	10mm	6	340500	1702.5	20.86	22.00	1.300	-0.01	0.340	0.442
	FR1 n70_Ant 0	15M	BPSK	1	1	Front	10mm	5	340500	1702.5	17.69	19.45	1.500	-0.05	0.367	0.550
	FR1 n70_Ant 0	15M	BPSK	36	22	Front	10mm	5	340500	1702.5	17.71	19.45	1.493	-0.05	0.369	0.551
	FR1 n70_Ant 0	15M	BPSK	1	1	Back	10mm	5	340500	1702.5	17.69	19.45	1.500	0.06	0.420	0.630
97	FR1 n70_Ant 0	15M	BPSK	36	22	Back	10mm	5	340500	1702.5	17.71	19.45	1.493	-0.01	0.436	0.651
	FR1 n70_Ant 0	15M	BPSK	1	1	Front	10mm	6	340500	1702.5	17.69	18.75	1.276	-0.05	0.367	0.468
	FR1 n70_Ant 0	15M	BPSK	36	22	Front	10mm	6	340500	1702.5	17.71	18.75	1.271	-0.05	0.369	0.469
	FR1 n70_Ant 0	15M	BPSK	1	1	Back	10mm	6	340500	1702.5	17.69	18.75	1.276	0.06	0.420	0.536
	FR1 n70_Ant 0	15M	BPSK	36	22	Back	10mm	6	340500	1702.5	17.71	18.75	1.271	-0.01	0.436	0.554
	FR1 n71_Ant 0	20M	BPSK	1	1	Front	10mm	5/6	136100	680.5	24.51	25.00	1.119	0.03	0.342	0.383
	FR1 n71_Ant 0	20M	BPSK	50	28	Front	10mm	5/6	136100	680.5	24.46	25.00	1.132	0.01	0.368	0.417
98	FR1 n71_Ant 0	20M	BPSK	1	1	Back	10mm	5/6	136100	680.5	24.51	25.00	1.119	0.01	0.393	0.440
	FR1 n71_Ant 0	20M	BPSK	50	28	Back	10mm	5/6	136100	680.5	24.46	25.00	1.132	0.08	0.371	0.420
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	10mm	5/6	136100	680.5	24.47	25.00	1.130	-0.04	0.230	0.260
	FR1 n71_Ant 1	20M	BPSK	50	28	Front	10mm	5/6	136100	680.5	24.34	25.00	1.164	0.07	0.261	0.304
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	10mm	5/6	136100	680.5	24.47	25.00	1.130	0.09	0.246	0.278
	FR1 n71_Ant 1	20M	BPSK	50	28	Back	10mm	5/6	136100	680.5	24.34	25.00	1.164	0.01	0.301	0.350

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	5	656000	3840	19.10	20.10	1.259	-0.15	0.189	0.238
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	5	656000	3840	19.27	20.10	1.211	-0.02	0.170	0.206
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	5	656000	3840	19.10	20.10	1.259	0.14	0.425	0.535
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	5	656000	3840	19.27	20.10	1.211	0.01	0.447	0.541
	FR1 n77_Ant 6	100M	BPSK	270	0	Back	10mm	5	656000	3840	19.19	20.10	1.233	-0.05	0.417	0.514
	FR1 n77_HPUE_Ant 6	100M	BPSK	135	69	Back	10mm	5	656000	3840	22.30	23.20	1.230	0.1	0.433	0.533
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	6	656000	3840	19.10	19.40	1.072	-0.15	0.189	0.203
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	6	656000	3840	19.27	19.40	1.030	-0.02	0.170	0.175
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	6	656000	3840	19.10	19.40	1.072	0.14	0.425	0.455
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	6	656000	3840	19.27	19.40	1.030	0.01	0.447	0.461
	FR1 n77_Ant 6	100M	BPSK	270	0	Back	10mm	6	656000	3840	19.19	19.40	1.050	-0.05	0.417	0.438
	FR1 n77_HPUE_Ant 6	100M	BPSK	135	69	Back	10mm	6	656000	3840	22.30	22.50	1.047	0.1	0.433	0.453
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	18.93	20.10	1.309	-0.1	0.252	0.330
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	19.12	20.10	1.253	0	0.248	0.311
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	18.93	20.10	1.309	-0.03	0.442	0.579
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	19.12	20.10	1.253	0.04	0.416	0.521
	FR1 n77_Ant 6	100M	BPSK	270	0	Back	10mm	5	633332	3499.98	19.03	20.10	1.279	0.04	0.411	0.526
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	21.94	23.20	1.337	0.1	0.429	0.573
	FR1 n77_Ant 6	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	18.93	19.40	1.114	-0.1	0.252	0.281
	FR1 n77_Ant 6	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	19.12	19.40	1.067	0	0.248	0.265
	FR1 n77_Ant 6	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	18.93	19.40	1.114	-0.03	0.442	0.493
	FR1 n77_Ant 6	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	19.12	19.40	1.067	0.04	0.416	0.444
	FR1 n77_Ant 6	100M	BPSK	270	0	Back	10mm	6	633332	3499.98	19.03	19.40	1.089	0.04	0.411	0.448
	FR1 n77_HPUE_Ant 6	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	21.94	22.50	1.138	0.1	0.429	0.488
	FR1 n77_Ant 7	100M	BPSK	1	1	Front	10mm	5	656000	3840	20.13	21.70	1.435	-0.05	0.277	0.398
	FR1 n77_Ant 7	100M	BPSK	135	69	Front	10mm	5	656000	3840	20.28	21.70	1.387	0.08	0.266	0.369
	FR1 n77_Ant 7	100M	BPSK	1	1	Back	10mm	5	656000	3840	20.13	21.70	1.435	-0.02	0.220	0.316
	FR1 n77_Ant 7	100M	BPSK	135	69	Back	10mm	5	656000	3840	20.28	21.70	1.387	0.06	0.217	0.301
	FR1 n77_HPUE_Ant 7	100M	BPSK	1	1	Front	10mm	5	656000	3840	23.11	24.80	1.476	0.19	0.268	0.395
	FR1 n77_Ant 7	100M	BPSK	1	1	Front	10mm	6	656000	3840	20.13	21.00	1.222	-0.05	0.277	0.338
	FR1 n77_Ant 7	100M	BPSK	135	69	Front	10mm	6	656000	3840	20.28	21.00	1.180	0.08	0.266	0.314
	FR1 n77_Ant 7	100M	BPSK	1	1	Back	10mm	6	656000	3840	20.13	21.00	1.222	-0.02	0.220	0.269
	FR1 n77_Ant 7	100M	BPSK	135	69	Back	10mm	6	656000	3840	20.28	21.00	1.180	0.06	0.217	0.256
	FR1 n77_HPUE_Ant 7	100M	BPSK	1	1	Front	10mm	6	656000	3840	23.11	24.10	1.256	0.19	0.268	0.337
	FR1 n77_Ant 7	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	20.06	21.70	1.459	-0.13	0.373	0.544
	FR1 n77_Ant 7	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	20.53	21.70	1.309	-0.08	0.418	0.547
	FR1 n77_Ant 7	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	20.06	21.70	1.459	0.09	0.358	0.522
	FR1 n77_Ant 7	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	20.53	21.70	1.309	-0.07	0.412	0.539
	FR1 n77_HPUE_Ant 7	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	23.04	24.80	1.500	-0.03	0.376	0.564
	FR1 n77_Ant 7	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	20.06	21.00	1.242	-0.13	0.373	0.463
	FR1 n77_Ant 7	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	20.53	21.00	1.114	-0.08	0.418	0.466
	FR1 n77_Ant 7	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	20.06	21.00	1.242	0.09	0.358	0.445
	FR1 n77_Ant 7	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	20.53	21.00	1.114	-0.07	0.412	0.459
	FR1 n77_HPUE_Ant 7	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	23.04	24.10	1.276	-0.03	0.376	0.480
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	5	656000	3840	19.05	20.70	1.462	0.08	0.213	0.311
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	5	656000	3840	18.96	20.70	1.493	0.01	0.203	0.303
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	5	656000	3840	19.05	20.70	1.462	0.03	0.252	0.368
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	5	656000	3840	18.96	20.70	1.493	-0.08	0.232	0.346
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	5	656000	3840	22.06	23.90	1.528	0.08	0.211	0.322
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	6	656000	3840	19.05	20.00	1.245	0.08	0.213	0.265
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	6	656000	3840	18.96	20.00	1.271	0.01	0.203	0.258
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	6	656000	3840	19.05	20.00	1.245	0.03	0.252	0.314
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	6	656000	3840	18.96	20.00	1.271	-0.08	0.232	0.295
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	6	656000	3840	22.06	23.20	1.300	0.08	0.211	0.274
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	19.15	20.70	1.429	0.14	0.247	0.353
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	18.95	20.70	1.496	0.11	0.232	0.347
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	19.15	20.70	1.429	0.13	0.329	0.470
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	18.95	20.70	1.496	-0.05	0.246	0.368

	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	22.27	23.90	1.455	-0.18	0.306	0.445
	FR1 n77_Ant 1	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	19.15	20.00	1.216	0.14	0.247	0.300
	FR1 n77_Ant 1	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	18.95	20.00	1.274	0.11	0.232	0.295
	FR1 n77_Ant 1	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	19.15	20.00	1.216	0.13	0.329	0.400
	FR1 n77_Ant 1	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	18.95	20.00	1.274	-0.05	0.246	0.313
	FR1 n77_HPUE_Ant 1	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	22.27	23.20	1.239	-0.18	0.306	0.379
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	5	656000	3840	23.05	24.1	1.274	-0.19	0.258	0.329
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	5	656000	3840	22.53	24.1	1.435	-0.08	0.229	0.329
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	5	656000	3840	23.05	24.1	1.274	-0.05	0.336	0.428
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	5	656000	3840	22.53	24.1	1.435	-0.01	0.357	0.512
	FR1 n77_Ant 5	100M	BPSK	270	0	Back	10mm	5	656000	3840	22.31	24.1	1.510	-0.08	0.311	0.470
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	5	656000	3840	24.95	26.2	1.334	0	0.225	0.300
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	6	656000	3840	23.05	23.4	1.084	-0.19	0.258	0.280
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	6	656000	3840	22.53	23.4	1.222	-0.08	0.229	0.280
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	6	656000	3840	23.05	23.4	1.084	-0.05	0.336	0.364
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	6	656000	3840	22.53	23.4	1.222	-0.01	0.357	0.436
	FR1 n77_Ant 5	100M	BPSK	270	0	Back	10mm	6	656000	3840	22.31	23.4	1.285	-0.08	0.311	0.400
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	6	656000	3840	24.95	26.2	1.334	0	0.225	0.300
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	5	633332	3499.98	23.21	24.1	1.227	0.18	0.339	0.416
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	5	633332	3499.98	22.71	24.1	1.377	-0.01	0.318	0.438
	FR1 n77_Ant 5	100M	BPSK	270	0	Front	10mm	5	633332	3499.98	22.25	24.1	1.531	0.01	0.311	0.476
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	23.21	24.1	1.227	-0.05	0.460	0.565
99	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	5	633332	3499.98	22.71	24.1	1.377	-0.04	0.477	0.657
	FR1 n77_Ant 5	100M	BPSK	270	0	Back	10mm	5	633332	3499.98	22.25	24.1	1.531	0.01	0.422	0.646
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	5	633332	3499.98	25.23	26.2	1.250	0.12	0.392	0.490
	FR1 n77_Ant 5	100M	BPSK	1	1	Front	10mm	6	633332	3499.98	23.21	23.4	1.045	0.18	0.339	0.354
	FR1 n77_Ant 5	100M	BPSK	135	69	Front	10mm	6	633332	3499.98	22.71	23.4	1.172	-0.01	0.318	0.373
	FR1 n77_Ant 5	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	23.21	23.4	1.045	-0.05	0.460	0.481
	FR1 n77_Ant 5	100M	BPSK	135	69	Back	10mm	6	633332	3499.98	22.71	23.4	1.172	-0.04	0.477	0.559
	FR1 n77_Ant 5	100M	BPSK	270	0	Back	10mm	6	633332	3499.98	22.25	23.4	1.303	0.01	0.422	0.550
	FR1 n77_HPUE_Ant 5	100M	BPSK	1	1	Back	10mm	6	633332	3499.98	25.23	26.2	1.250	0.12	0.392	0.490

<NTN SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	NTN B23_Ant 1	15K	BPSK	1	0	Front	10mm	5	25501	2000.1	22.37	23.70	1.358	79	1.051	-0.12	0.197	0.281
	NTN B23_Ant 1	15K	BPSK	1	0	Back	10mm	5	25501	2000.1	22.37	23.70	1.358	79	1.051	-0.06	0.258	0.368
	NTN B23_Ant 1	15K	BPSK	1	0	Back	10mm	5	25600	2010	22.25	23.70	1.396	79	1.051	0.11	0.280	0.411
100	NTN B23_Ant 1	15K	BPSK	1	0	Back	10mm	5	25699	2019.9	22.30	23.70	1.380	79	1.051	0.17	0.298	0.432
	NTN B255_Ant 5	15K	BPSK	1	0	Front	10mm	5	261505	1626.6	22.41	23.50	1.285	79	1.051	-0.11	0.045	0.061
101	NTN B255_Ant 5	15K	BPSK	1	0	Back	10mm	5	261505	1626.6	22.41	23.50	1.285	79	1.051	0.07	0.064	0.086

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	5/6	1	2412	20.85	22.50	1.462	100	1.000	-0.05	0.344	0.503
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	5/6	1	2412	20.85	22.50	1.462	100	1.000	0.06	0.498	0.728
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	5/6	1	2412	20.88	22.50	1.452	100	1.000	-0.04	0.209	0.303
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	5/6	1	2412	20.88	22.50	1.452	100	1.000	0.02	0.379	0.550
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	5/6	6	2437	20.95	22.00	1.274	100	1.000	-0.06	0.451	0.574
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	5/6	6	2437	21.98	22.00	1.005	100	1.000	-0.06	0.304	0.305
102	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	5/6	6	2437	20.95	22.00	1.274	100	1.000	0.01	0.666	0.848
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	5/6	6	2437	21.98	22.00	1.005	100	1.000	0.01	0.382	0.384
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	5/6	1	2412	18.45	19.50	1.274	100	1.000	-0.11	0.278	0.354
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	5/6	1	2412	19.18	19.50	1.076	100	1.000	-0.11	0.187	0.201
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	5/6	11	2462	17.35	17.50	1.035	100	1.000	-0.1	0.294	0.304
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	5/6	11	2462	17.28	17.50	1.052	100	1.000	-0.1	0.143	0.150
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	7	1	2412	18.85	19.50	1.161	100	1.000	-0.1	0.224	0.260
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	7	1	2412	18.85	19.50	1.161	100	1.000	-0.01	0.302	0.351
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	7	1	2412	18.88	19.50	1.153	100	1.000	-0.02	0.146	0.168
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	7	1	2412	18.88	19.50	1.153	100	1.000	0.06	0.234	0.270
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	7	1	2412	18.45	19.50	1.274	100	1.000	0.01	0.194	0.247
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	7	1	2412	19.18	19.50	1.076	100	1.000	0.01	0.258	0.278
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	7	1	2412	18.45	19.50	1.274	100	1.000	0.07	0.284	0.362
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	7	1	2412	19.18	19.50	1.076	100	1.000	0.07	0.278	0.299
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 3	8	11	2462	14.45	15.50	1.274	100	1.000	-0.15	0.108	0.138
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 3	8	11	2462	14.45	15.50	1.274	100	1.000	-0.05	0.141	0.180
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 4	8	6	2437	14.38	15.50	1.294	100	1.000	-0.12	0.060	0.078
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 4	8	6	2437	14.38	15.50	1.294	100	1.000	0.16	0.101	0.131
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(3)	8	11	2462	14.05	15.50	1.396	100	1.000	-0.08	0.104	0.145
	WLAN2.4GHz	802.11g 6Mbps	Front	10mm	Ant 3+4(4)	8	11	2462	14.98	15.50	1.127	100	1.000	-0.08	0.076	0.086
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(3)	8	11	2462	14.05	15.50	1.396	100	1.000	-0.03	0.130	0.182
	WLAN2.4GHz	802.11g 6Mbps	Back	10mm	Ant 3+4(4)	8	11	2462	14.98	15.50	1.127	100	1.000	-0.03	0.101	0.114

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	5/6/7	46	5230	18.25	19.00	1.189	99.13	1.009	-0.1	0.161	0.193
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	5/6/7	46	5230	18.28	19.00	1.180	99.13	1.009	-0.1	0.049	0.058
103	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	5/6/7	46	5230	18.25	19.00	1.189	99.13	1.009	-0.14	0.327	0.392
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	5/6/7	46	5230	18.28	19.00	1.180	99.13	1.009	-0.14	0.160	0.191
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(3)	8/9	46	5230	15.85	17.00	1.303	99.13	1.009	-0.14	0.128	0.168
	WLAN5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 3+4(4)	8/9	46	5230	15.28	17.00	1.486	99.13	1.009	-0.14	0.034	0.051
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(3)	8/9	46	5230	15.85	17.00	1.303	99.13	1.009	0.17	0.075	0.099
	WLAN5GHz	802.11n-HT40 MCS0	Back	10mm	Ant 3+4(4)	8/9	46	5230	15.28	17.00	1.486	99.13	1.009	0.17	0.037	0.055
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	5/6/7/9	138	5690	18.05	19.00	1.245	97.77	1.023	-0.13	0.108	0.137
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	5/6/7/9	138	5690	18.48	19.00	1.127	97.77	1.023	-0.13	0.108	0.125
104	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	5/6/7/9	138	5690	18.05	19.00	1.245	97.77	1.023	-0.18	0.276	0.351
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	5/6/7/9	138	5690	18.48	19.00	1.127	97.77	1.023	-0.18	0.108	0.125
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	8	138	5690	18.05	18.50	1.109	97.77	1.023	-0.13	0.108	0.123
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	8	138	5690	18.48	18.50	1.005	97.77	1.023	-0.13	0.108	0.111
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	8	138	5690	18.05	18.50	1.109	97.77	1.023	-0.18	0.276	0.313
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	8	138	5690	18.48	18.50	1.005	97.77	1.023	-0.18	0.108	0.111
	WLAN5GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(3)	5/6	165	5825	20.55	21.00	1.109	100	1.000	0.12	0.341	0.378
	WLAN5GHz	802.11a 6Mbps	Front	10mm	Ant 3+4(4)	5/6	165	5825	20.98	21.00	1.005	100	1.000	0.12	0.200	0.201
105	WLAN5GHz	802.11a 6Mbps	Back	10mm	Ant 3+4(3)	5/6	165	5825	20.55	21.00	1.109	100	1.000	-0.13	0.437	0.485
	WLAN5GHz	802.11a 6Mbps	Back	10mm	Ant 3+4(4)	5/6	165	5825	20.98	21.00	1.005	100	1.000	-0.13	0.150	0.151
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	7	155	5775	16.65	18.00	1.365	97.77	1.023	0.12	0.171	0.239
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	7	155	5775	17.48	18.00	1.127	97.77	1.023	0.12	0.084	0.097
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	7	155	5775	16.65	18.00	1.365	97.77	1.023	-0.15	0.194	0.271
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	7	155	5775	17.48	18.00	1.127	97.77	1.023	-0.15	0.063	0.073
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	8	155	5775	14.25	15.50	1.334	97.77	1.023	0.03	0.078	0.106
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	8	155	5775	14.78	15.50	1.180	97.77	1.023	0.03	0.025	0.030
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	8	155	5775	14.25	15.50	1.334	97.77	1.023	-0.18	0.095	0.130
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	8	155	5775	14.78	15.50	1.180	97.77	1.023	-0.18	0.032	0.039
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	9	155	5775	14.25	16.00	1.496	97.77	1.023	0.03	0.078	0.119
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	9	155	5775	14.78	16.00	1.324	97.77	1.023	0.03	0.025	0.034
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	9	155	5775	14.25	16.00	1.496	97.77	1.023	-0.18	0.095	0.145
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	9	155	5775	14.78	16.00	1.324	97.77	1.023	-0.18	0.032	0.043
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(3)	5/6/7/8/9	171	5855	16.45	18.00	1.429	97.75	1.023	0.08	0.078	0.114
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 3+4(4)	5/6/7/8/9	171	5855	16.88	18.00	1.294	97.75	1.023	0.08	0.154	0.204
106	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(3)	5/6/7/8/9	171	5855	16.45	18.00	1.429	97.75	1.023	-0.16	0.187	0.273
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 3+4(4)	5/6/7/8/9	171	5855	16.88	18.00	1.294	97.75	1.023	-0.16	0.069	0.091

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	5/6/7/8/9	207	6985	12.40	13.50	1.288	95.33	1.049	0.14	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(4)	5/6/7/8/9	207	6985	12.97	13.50	1.130	95.33	1.049	0.14	0.032	0.038	0.186	0.220
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	5/6/7/8/9	207	6985	12.40	13.50	1.288	95.33	1.049	0.1	0.049	0.066	0.394	0.532
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	5/6/7/8/9	207	6985	12.97	13.50	1.130	95.33	1.049	0.1	0.041	0.049	0.300	0.356
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	5/6/7/8/9	15	6025	11.00	11.50	1.122	95.33	1.049	0.17	0.072	0.085	0.542	0.638
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	5/6/7/8/9	15	6025	10.37	11.50	1.297	95.33	1.049	0.17	0.022	0.030	0.123	0.167
107	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	5/6/7/8/9	47	6185	10.30	11.50	1.318	95.33	1.049	-0.12	0.104	0.144	0.803	1.110
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	5/6/7/8/9	47	6185	10.17	11.50	1.358	95.33	1.049	-0.12	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	5/6/7/8/9	111	6505	8.20	10.00	1.514	95.33	1.049	0.15	0.011	0.017	0.062	0.098
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	5/6/7/8/9	111	6505	8.27	10.00	1.489	95.33	1.049	0.15	0.001	0.002	0.001	0.002
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	5/6/7/8/9	143	6665	11.00	12.00	1.259	95.33	1.049	-0.11	0.030	0.040	0.217	0.287
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(4)	5/6/7/8/9	143	6665	11.07	12.00	1.239	95.33	1.049	-0.11	0.018	0.023	0.109	0.142

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Front	10mm	Ant 3	2	0	2402	19.09	20.00	1.232	77.13	1.080	-0.01	0.158	0.210
	Bluetooth	1Mbps	Back	10mm	Ant 3	2	0	2402	19.09	20.00	1.232	77.13	1.080	0.17	0.192	0.255
	Bluetooth	1Mbps	Front	10mm	Ant 4	2	0	2402	19.79	20.00	1.049	77.13	1.080	0.17	0.163	0.185
108	Bluetooth	1Mbps	Back	10mm	Ant 4	2	0	2402	19.79	20.00	1.049	77.13	1.080	-0.09	0.234	0.265
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	2	0	2402	19.09	20.00	1.232	77.13	1.080	-0.17	0.130	0.173
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	2	0	2402	19.79	20.00	1.049	77.13	1.080	-0.17	0.175	0.198
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	2	0	2402	19.09	20.00	1.232	77.13	1.080	-0.04	0.158	0.210
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	2	0	2402	19.79	20.00	1.049	77.13	1.080	-0.04	0.212	0.240
	Bluetooth	1Mbps	Front	10mm	Ant 3	3/4	39	2441	13.95	15.00	1.274	77.13	1.080	-0.04	0.085	0.117
	Bluetooth	1Mbps	Back	10mm	Ant 3	3/4	39	2441	13.95	15.00	1.274	77.13	1.080	-0.03	0.109	0.150
	Bluetooth	1Mbps	Front	10mm	Ant 4	3/4	0	2402	14.68	15.00	1.076	77.13	1.080	-0.17	0.056	0.065
	Bluetooth	1Mbps	Back	10mm	Ant 4	3/4	0	2402	14.68	15.00	1.076	77.13	1.080	0.12	0.082	0.095
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(3)	3/4	39	2441	13.95	15.00	1.274	77.13	1.080	0.1	0.078	0.107
	Bluetooth	1Mbps	Front	10mm	Ant 3+4(4)	3/4	39	2441	14.58	15.00	1.102	77.13	1.080	0.1	0.074	0.088
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(3)	3/4	39	2441	13.95	15.00	1.274	77.13	1.080	-0.09	0.110	0.151
	Bluetooth	1Mbps	Back	10mm	Ant 3+4(4)	3/4	39	2441	14.58	15.00	1.102	77.13	1.080	-0.09	0.076	0.090

<Thread SAR>

Plot No.	Band	Data Rate	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Power Index	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Thread_Ant 3	250K	Front	10mm	25	2475	2	18.74	19.00	1.062	0.08	0.172	0.183
109	Thread_Ant 3	250K	Back	10mm	25	2475	2	18.74	19.00	1.062	-0.02	0.234	0.248
	Thread_Ant 3	250K	Front	10mm	25	2475	3/4	14.45	14.50	1.012	0.02	0.105	0.106
	Thread_Ant 3	250K	Back	10mm	25	2475	3/4	14.45	14.50	1.012	0.03	0.140	0.142

14.4 Product Specific SAR

<GSM SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	GSM1900_Ant 0	GPRS (4 Tx slots)	Bottom Side	0mm	5	661	1880	22.34	23.25	1.233	-0.01	1.740	2.146
110	GSM1900_Ant 0	GPRS (4 Tx slots)	Bottom Side	0mm	5	512	1850.2	22.17	23.25	1.282	0.05	1.930	2.475
	GSM1900_Ant 0	GPRS (4 Tx slots)	Bottom Side	0mm	5	810	1909.8	22.22	23.25	1.268	0.09	1.470	1.863

<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WCDMA II_Ant 0	RMC 12.2Kbps	Bottom Side	0mm	5	9400	1880	19.49	20.35	1.219	-0.04	1.620	1.975
111	WCDMA II_Ant 0	RMC 12.2Kbps	Bottom Side	0mm	5	9262	1852.4	19.48	20.35	1.222	0	2.000	2.444
	WCDMA II_Ant 0	RMC 12.2Kbps	Bottom Side	0mm	5	9538	1907.6	19.45	20.35	1.230	0.01	1.470	1.808

<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
112	LTE Band 30_Ant 0	10M	QPSK	1	0	Bottom Side	0mm	5	27710	2310	19.37	20.65	1.343	-0.02	1.820	2.444

<NTN SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	NTN B23_Ant 1	15K	BPSK	1	0	Front	0mm	5	25501	2000.1	22.37	23.70	1.358	79	1.051	0.02	0.696	0.994
113	NTN B23_Ant 1	15K	BPSK	1	0	Front	0mm	5	25600	2010	22.25	23.70	1.396	79	1.051	0.15	1.250	1.834
	NTN B23_Ant 1	15K	BPSK	1	0	Front	0mm	5	25699	2019.9	22.30	23.70	1.380	79	1.051	0.09	1.140	1.654
	NTN B23_Ant 1	15K	BPSK	1	0	Back	0mm	5	25501	2000.1	22.37	23.70	1.358	79	1.051	-0.15	0.300	0.428
	NTN B23_Ant 1	15K	BPSK	1	0	Left Side	0mm	5	25501	2000.1	22.37	23.70	1.358	79	1.051	0.03	0.632	0.902
	NTN B23_Ant 1	15K	BPSK	1	0	Right Side	0mm	5	25501	2000.1	22.37	23.70	1.358	79	1.051	0.09	0.059	0.084
	NTN B23_Ant 1	15K	BPSK	1	0	Top Side	0mm	5	25501	2000.1	22.37	23.70	1.358	79	1.051	0.1	0.868	1.239
	NTN B255_Ant 5	15K	BPSK	1	0	Front	0mm	5	261505	1626.6	22.41	23.50	1.285	79	1.051	-0.02	0.353	0.477
	NTN B255_Ant 5	15K	BPSK	1	0	Back	0mm	5	261505	1626.6	22.41	23.50	1.285	79	1.051	-0.05	0.152	0.205
	NTN B255_Ant 5	15K	BPSK	1	0	Left Side	0mm	5	261505	1626.6	22.41	23.50	1.285	79	1.051	-0.04	0.018	0.024
114	NTN B255_Ant 5	15K	BPSK	1	0	Right Side	0mm	5	261505	1626.6	22.41	23.50	1.285	79	1.051	0.06	0.622	0.840
	NTN B255_Ant 5	15K	BPSK	1	0	Top Side	0mm	5	261505	1626.6	22.41	23.50	1.285	79	1.051	0.13	0.088	0.119

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Front	0mm	Ant 3+4(3)	5/6/7	60	5300	18.95	19.00	1.012	100	1.000	0.01	0.578	0.585
	WLAN5GHz	802.11a 6Mbps	Front	0mm	Ant 3+4(4)	5/6/7	60	5300	18.58	19.00	1.102	100	1.000	0.01	0.654	0.720
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 3+4(3)	5/6/7	60	5300	18.95	19.00	1.012	100	1.000	-0.19	0.395	0.400
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 3+4(4)	5/6/7	60	5300	18.58	19.00	1.102	100	1.000	-0.19	0.127	0.140
115	WLAN5GHz	802.11a 6Mbps	Left Side	0mm	Ant 3+4(3)	5/6/7	60	5300	18.95	19.00	1.012	100	1.000	-0.04	1.190	1.204
	WLAN5GHz	802.11a 6Mbps	Left Side	0mm	Ant 3+4(4)	5/6/7	60	5300	18.58	19.00	1.102	100	1.000	-0.04	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right Side	0mm	Ant 3+4(3)	5/6/7	60	5300	18.95	19.00	1.012	100	1.000	0.12	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right Side	0mm	Ant 3+4(4)	5/6/7	60	5300	18.58	19.00	1.102	100	1.000	0.12	0.443	0.488
	WLAN5GHz	802.11a 6Mbps	Top Side	0mm	Ant 3+4(3)	5/6/7	60	5300	18.95	19.00	1.012	100	1.000	0.13	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top Side	0mm	Ant 3+4(4)	5/6/7	60	5300	18.58	19.00	1.102	100	1.000	0.13	0.561	0.618
	WLAN5GHz	802.11a 6Mbps	Front	0mm	Ant 3+4(3)	8/9	56	5280	16.05	17.00	1.245	100	1.000	0.13	0.169	0.210
	WLAN5GHz	802.11a 6Mbps	Front	0mm	Ant 3+4(4)	8/9	56	5280	15.18	17.00	1.521	100	1.000	0.13	0.174	0.265
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 3+4(3)	8/9	56	5280	16.05	17.00	1.245	100	1.000	0.13	0.106	0.132
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 3+4(4)	8/9	56	5280	15.18	17.00	1.521	100	1.000	0.13	0.040	0.061
	WLAN5GHz	802.11a 6Mbps	Left Side	0mm	Ant 3+4(3)	8/9	56	5280	16.05	17.00	1.245	100	1.000	0	0.552	0.687
	WLAN5GHz	802.11a 6Mbps	Left Side	0mm	Ant 3+4(4)	8/9	56	5280	15.18	17.00	1.521	100	1.000	0	0.001	0.002
	WLAN5GHz	802.11a 6Mbps	Right Side	0mm	Ant 3+4(3)	8/9	56	5280	16.05	17.00	1.245	100	1.000	0.02	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right Side	0mm	Ant 3+4(4)	8/9	56	5280	15.18	17.00	1.521	100	1.000	0.02	0.209	0.318
	WLAN5GHz	802.11a 6Mbps	Top Side	0mm	Ant 3+4(3)	8/9	56	5280	16.05	17.00	1.245	100	1.000	0.05	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top Side	0mm	Ant 3+4(4)	8/9	56	5280	15.18	17.00	1.521	100	1.000	0.05	0.260	0.395
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	5/6/7/9	138	5690	18.05	19.00	1.245	97.77	1.023	-0.05	0.558	0.710
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	5/6/7/9	138	5690	18.48	19.00	1.127	97.77	1.023	-0.05	0.838	0.966
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	5/6/7/9	138	5690	18.05	19.00	1.245	97.77	1.023	0.03	0.216	0.275
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	5/6/7/9	138	5690	18.48	19.00	1.127	97.77	1.023	0.03	0.122	0.141
116	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/9	138	5690	18.05	19.00	1.245	97.77	1.023	-0.05	1.550	1.973
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/9	138	5690	18.48	19.00	1.127	97.77	1.023	-0.05	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/9	106	5530	9.65	10.50	1.216	97.77	1.023	0.17	0.151	0.188
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/9	106	5530	10.28	10.50	1.052	97.77	1.023	0.17	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/9	122	5610	17.95	19.00	1.274	97.77	1.023	0.02	1.200	1.563
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/9	122	5610	18.38	19.00	1.153	97.77	1.023	0.02	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	5/6/7/9	138	5690	18.05	19.00	1.245	97.77	1.023	0	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	5/6/7/9	138	5690	18.48	19.00	1.127	97.77	1.023	0	0.382	0.440
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	5/6/7/9	138	5690	18.05	19.00	1.245	97.77	1.023	0.08	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	5/6/7/9	138	5690	18.48	19.00	1.127	97.77	1.023	0.08	0.654	0.754
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	8	138	5690	18.05	18.50	1.109	97.77	1.023	-0.05	0.558	0.633
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	8	138	5690	18.48	18.50	1.005	97.77	1.023	-0.05	0.838	0.861
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	8	138	5690	18.05	18.50	1.109	97.77	1.023	0.03	0.216	0.245
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	8	138	5690	18.48	18.50	1.005	97.77	1.023	0.03	0.122	0.125
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	8	138	5690	18.05	18.50	1.109	97.77	1.023	-0.05	1.550	1.759
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	8	138	5690	18.48	18.50	1.005	97.77	1.023	-0.05	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	8	106	5530	9.65	10.50	1.216	97.77	1.023	0.17	0.151	0.188
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	8	106	5530	10.28	10.50	1.052	97.77	1.023	0.17	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	8	122	5610	17.95	18.50	1.135	97.77	1.023	0.02	1.200	1.393
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	8	122	5610	18.38	18.50	1.028	97.77	1.023	0.02	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	8	138	5690	18.05	18.50	1.109	97.77	1.023	0	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	8	138	5690	18.48	18.50	1.005	97.77	1.023	0	0.382	0.393
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	8	138	5690	18.05	18.50	1.109	97.77	1.023	0.08	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	8	138	5690	18.48	18.50	1.005	97.77	1.023	0.08	0.654	0.672
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	5/6/7/8/9	171	5855	16.45	18.00	1.429	97.75	1.023	0.10	0.476	0.696
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	5/6/7/8/9	171	5855	16.88	18.00	1.294	97.75	1.023	0.10	0.483	0.639
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	5/6/7/8/9	171	5855	16.45	18.00	1.429	97.75	1.023	0.08	0.058	0.085
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	5/6/7/8/9	171	5855	16.88	18.00	1.294	97.75	1.023	0.08	0.151	0.200
117	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/8/9	171	5855	16.45	18.00	1.429	97.75	1.023	-0.16	1.130	1.652
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/8/9	171	5855	16.88	18.00	1.294	97.75	1.023	-0.16	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	5/6/7/8/9	171	5855	16.45	18.00	1.429	97.75	1.023	0.11	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	5/6/7/8/9	171	5855	16.88	18.00	1.294	97.75	1.023	0.11	0.193	0.256
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	5/6/7/8/9	171	5855	16.45	18.00	1.429	97.75	1.023	0.18	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	5/6/7/8/9	171	5855	16.88	18.00	1.294	97.75	1.023	0.18	0.467	0.618

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 3+4(3)	5/6/7/8/9	207	6985	12.40	13.50	1.288	95.33	1.049	0.12	0.085	0.115	1.990	2.689
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 3+4(4)	5/6/7/8/9	207	6985	12.97	13.50	1.130	95.33	1.049	0.12	0.226	0.268	5.360	6.352
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	5/6/7/8/9	207	6985	12.40	13.50	1.288	95.33	1.049	0.13	0.073	0.099	1.670	2.257
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	5/6/7/8/9	207	6985	12.97	13.50	1.130	95.33	1.049	0.13	0.029	0.034	0.677	0.802
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/8/9	207	6985	12.40	13.50	1.288	95.33	1.049	0.16	0.242	0.327	5.810	7.851
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/8/9	207	6985	12.97	13.50	1.130	95.33	1.049	0.16	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/8/9	15	6025	11.00	11.50	1.122	95.33	1.049	0.01	0.271	0.319	6.440	7.580
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/8/9	15	6025	10.37	11.50	1.297	95.33	1.049	0.01	0.001	0.001	0.001	0.001
118	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/8/9	47	6185	10.30	11.50	1.318	95.33	1.049	0.01	0.259	0.358	6.190	8.560
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/8/9	47	6185	10.17	11.50	1.358	95.33	1.049	0.01	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/8/9	111	6505	8.20	10.00	1.514	95.33	1.049	-0.12	0.120	0.191	2.840	4.509
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/8/9	111	6505	8.27	10.00	1.489	95.33	1.049	-0.12	0.001	0.002	0.001	0.002
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(3)	5/6/7/8/9	143	6665	11.00	12.00	1.259	95.33	1.049	0.1	0.202	0.267	4.790	6.326
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 3+4(4)	5/6/7/8/9	143	6665	11.07	12.00	1.239	95.33	1.049	0.1	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3+4(3)	5/6/7/8/9	207	6985	12.40	13.50	1.288	95.33	1.049	-0.16	0.179	0.242	4.310	5.824
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3+4(4)	5/6/7/8/9	207	6985	12.97	13.50	1.130	95.33	1.049	-0.16	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(3)	5/6/7/8/9	207	6985	12.40	13.50	1.288	95.33	1.049	-0.11	0.022	0.030	0.501	0.677
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	5/6/7/8/9	207	6985	12.97	13.50	1.130	95.33	1.049	-0.11	0.024	0.028	0.600	0.711

<NFCSAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Freq. (MHz)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)
	NFC	ASK	Front	0mm	13.56	1.000	0.03	0.001
119	NFC	ASK	Back	0mm	13.56	1.000	0	0.094
	NFC	ASK	Left Side	0mm	13.56	1.000	0.01	0.001
	NFC	ASK	Right Side	0mm	13.56	1.000	-0.02	0.001
	NFC	ASK	Top Side	0mm	13.56	1.000	-0.06	0.001

14.5 6GHz PD Test Result

Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Average Power (dBm)	Grid Step (λ)	iPDn	iPD ratio (≥ -1)	Normal psPD (W/m^2)	Total psPD (W/m^2)
WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	15	6025	12.07	0.0625	2.98	1.864145341	2.66	3.27
WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(3)	15	6025	11.90	0.25	1.94		0.612	0.729
WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	207	6985	17.07	0.0625	3.05	-0.70794609	2.07	3.46
WLAN6GHz	802.11ax-HE160 MCS0	Front	8.59mm	Ant 3+4(4)	207	6985	17.07	0.25	3.59		1.43	1.49

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Grid Step (λ)	Scaling Factor for Measurement Uncertainty	Power Drift (dB)	Normal psPD (W/m^2)	Scaled Normal psPD (W/m^2)	Total psPD (W/m^2)	Scaled Total psPD (W/m^2)
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	Index 1	207	6985	17.07	17.50	1.104	95.33	1.049	0.0625	1.5535	-0.09	2.07	3.72	3.46	6.23
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	Index 1	15	6025	12.07	12.50	1.104	95.33	1.049	0.0625	1.5535	-0.11	2.66	4.79	3.27	5.88
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(3)	Index 1	47	6185	12.00	12.50	1.122	95.33	1.049	0.0625	1.5535	-0.16	3.14	5.74	3.84	7.02
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(3)	Index 1	111	6505	13.40	14.00	1.148	95.33	1.049	0.0625	1.5535	-0.17	2.98	5.58	3.74	7.00
120	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(3)	Index 1	143	6665	14.20	15.00	1.202	95.33	1.049	0.0625	1.5535	0.14	3.48	6.82	3.67	7.19
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 3+4(4)	Index 5	207	6985	12.97	13.50	1.130	95.33	1.049	0.0625	1.5535	-0.18	1.94	3.57	2.35	4.33
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 3+4(4)	Index 5	207	6985	12.97	13.50	1.130	95.33	1.049	0.0625	1.5535	-0.18	1.25	2.30	1.49	2.74
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 3+4(3)	Index 5	207	6985	12.40	13.50	1.288	95.33	1.049	0.0625	1.5535	0.07	1.45	3.04	2.40	5.04
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 3+4(3)	Index 5	15	6025	11.00	11.50	1.122	95.33	1.049	0.0625	1.5535	-0.16	1.48	2.71	2.51	4.59
121	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 3+4(3)	Index 5	47	6185	10.30	11.50	1.318	95.33	1.049	0.0625	1.5535	0.14	2.89	6.21	3.48	7.48
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 3+4(3)	Index 5	111	6505	8.20	10.00	1.514	95.33	1.049	0.0625	1.5535	0	1.48	3.65	1.99	4.91
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 3+4(3)	Index 5	143	6665	11.00	12.00	1.259	95.33	1.049	0.0625	1.5535	0.12	2.17	4.45	3.42	7.02
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 3+4(4)	Index 5	207	6985	12.97	13.50	1.130	95.33	1.049	0.0625	1.5535	0.15	0.15	0.28	2.21	4.07
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	2mm	Ant 3+4(4)	Index 5	207	6985	12.97	13.50	1.130	95.33	1.049	0.0625	1.5535	0.11	0.70	1.29	0.75	1.37
	WLAN6GHz	802.11ax-HE160 MCS0	Front	10mm	Ant 3+4(4)	Index 5	143	6665	11.07	12.00	1.239	95.33	1.049	0.0625	1.5535	0.15	0.449	0.906	0.490	0.989
	WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 3+4(3)	Index 5	143	6665	11.00	12.00	1.259	95.33	1.049	0.0625	1.5535	-0.09	0.367	0.753	0.411	0.843
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	10mm	Ant 3+4(3)	Index 5	143	6665	11.00	12.00	1.259	95.33	1.049	0.0625	1.5535	-0.16	1.13	2.32	1.30	2.67
122	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	10mm	Ant 3+4(3)	Index 5	15	6025	11.00	11.50	1.122	95.33	1.049	0.0625	1.5535	-0.18	1.48	2.71	1.56	2.85
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	10mm	Ant 3+4(3)	Index 5	47	6185	10.30	11.50	1.318	95.33	1.049	0.0625	1.5535	-0.16	1.04	2.23	1.32	2.84
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	10mm	Ant 3+4(4)	Index 5	143	6665	11.07	12.00	1.239	95.33	1.049	0.0625	1.5535	0.09	0.416	0.840	0.446	0.900
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	10mm	Ant 3+4(3)	Index 5	143	6665	11.00	12.00	1.259	95.33	1.049	0.0625	1.5535	-0.17	0.251	0.515	0.296	0.607

14.6 Repeated SAR Measurement

No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	FR1 n77_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	2	633332	3499.98	15.95	16.70	1.189	0.13	0.830	-	0.986
2nd	FR1 n77_Ant 1	100M	BPSK	1	1	Left Tilted	0mm	2	633332	3499.98	15.95	16.70	1.189	-0.12	0.815	1.018	0.969
1st	FR1 n7_Ant 2	50M	BPSK	1	1	Right Side	10mm	4	507000	2535	21.36	21.40	1.009	-0.02	0.842	-	0.850
2nd	FR1 n7_Ant 2	50M	BPSK	1	1	Right Side	10mm	4	507000	2535	21.36	21.40	1.009	0.15	0.823	1.023	0.831

No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	159	5795	15.25	16.00	1.189	97.77	1.023	0.12	0.926	-	1.126
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	159	5795	15.68	16.00	1.076	97.77	1.023	0.12	0.001		0.001
2nd	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	159	5795	15.25	16.00	1.189	97.77	1.023	-0.13	0.888	1.043	1.080
	WLAN5GHz	802.11n-HT40 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	159	5795	15.68	16.00	1.076	97.77	1.023	-0.13	0.001		0.001
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	171	5855	14.85	15.50	1.161	97.75	1.023	0.16	0.866	-	1.029
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	171	5855	15.08	15.50	1.102	97.75	1.023	0.16	0.001		0.001
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(3)	1	171	5855	14.85	15.50	1.161	97.75	1.023	0.08	0.818	1.059	0.972
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 3+4(4)	1	171	5855	15.08	15.50	1.102	97.75	1.023	0.08	0.001		0.001

No.	Band	Mode	Test Position	Gap (mm)	Power Index	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	WCDMA II_Ant 0	RMC 12.2Kbps	Bottom Side	0mm	5	9262	1852.4	19.48	20.35	1.222	0	2.000	-	2.444
2nd	WCDMA II_Ant 0	RMC 12.2Kbps	Bottom Side	0mm	5	9262	1852.4	19.48	20.35	1.222	0.17	1.910	1.047	2.334

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR <1.45W/kg, only one repeated measurement is required.
3. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

14.7 Power Class 2 and Power Class 3 Linearity

General Note:
This device support Power Class 2 and Power Class 3 operations. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE and FR1 configuration and exposure condition combination, according to the highest time averaged power for Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg, Separate SAR testing for Power Class 2 is not required. Use PC3 power level and SAR to estimated PC2 SAR linearly, and check if the deviation from the measured PC2 SAR is <10%

<LTE Band 41 Linearity Data for Head>

	LTE Band 41_Ant 2 (Power Class 3)	LTE Band 41_Ant 2 (Power Class 2)
Maximum Tune up Power (dBm)	25	26.6
Reported 1g SAR (W/kg)	0.832	0.772
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	197.92
Linearity SAR(W/kg)	0.82	
% deviation from expected linearity		-6.16%

	LTE Band 41_Ant 0 (Power Class 3)	LTE Band 41_Ant 0 (Power Class 2)
Maximum Tune up Power (dBm)	24.5	26.4
Reported 1g SAR (W/kg)	0.158	0.152
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	178.40	189.01
Linearity SAR(W/kg)	0.17	
% deviation from expected linearity		-9.20%

<LTE Band 41 Linearity Data for Hotspot>

	LTE Band 41_Ant 2 (Power Class 3)	LTE Band 41_Ant 2 (Power Class 2)
Maximum Tune up Power (dBm)	23.6	25.2
Reported 1g SAR (W/kg)	0.751	0.686
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	145.01	143.38
Linearity SAR(W/kg)	0.74	
% deviation from expected linearity		-7.62%

	LTE Band 41_Ant 0 (Power Class 3)	LTE Band 41_Ant 0 (Power Class 2)
Maximum Tune up Power (dBm)	21.15	22.75
Reported 1g SAR (W/kg)	0.791	0.759
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	82.49	81.56
Linearity SAR(W/kg)	0.78	
% deviation from expected linearity		-2.95%

<LTE Band 41 Linearity Data for Body-worn>

	LTE Band 41_Ant 2	LTE Band 41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.3	25.9
Reported 1g SAR (W/kg)	0.623	0.599
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	170.37	168.46
Linearity SAR(W/kg)	0.62	
% deviation from expected linearity		-2.76%

	LTE Band 41_Ant 0	LTE Band 41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.65	24.25
Reported 1g SAR (W/kg)	0.923	0.834
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	116.52	115.21
Linearity SAR(W/kg)	0.91	
% deviation from expected linearity		-8.61%

<FR1 n41 Linearity Data for Head>

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.3	26.3
Reported 1g SAR (W/kg)	0.81	0.781
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	213.80	213.29
Linearity SAR(W/kg)	0.81	
% deviation from expected linearity		-3.35%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.5	26.4
Reported 1g SAR (W/kg)	0.242	0.172
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	281.84	218.26
Linearity SAR(W/kg)	0.19	
% deviation from expected linearity		-8.22%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	18.2	21.2
Reported 1g SAR (W/kg)	0.92	0.917
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	66.07	65.91
Linearity SAR(W/kg)	0.92	
% deviation from expected linearity		-0.09%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	18.5	21.5
Reported 1g SAR (W/kg)	0.856	0.778
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63
Linearity SAR(W/kg)	0.85	
% deviation from expected linearity		-8.90%

<FR1 n77 Linearity Data for Head>

	FR1 n77_Ant 6	FR1 n77_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25	27.1
Reported 1g SAR (W/kg)	0.593	0.446
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	256.43
Linearity SAR(W/kg)	0.48	
% deviation from expected linearity		-7.25%

	FR1 n77_Ant 7	FR1 n77_Ant 7
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.4	26.5
Reported 1g SAR (W/kg)	0.308	0.228
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	275.42	223.34
Linearity SAR(W/kg)	0.25	
% deviation from expected linearity		-8.71%

	FR1 n77_Ant 1	FR1 n77_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	16.7	19.9
Reported 1g SAR (W/kg)	0.986	0.933
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	46.77	48.86
Linearity SAR(W/kg)	1.03	
% deviation from expected linearity		-9.42%

	FR1 n77_Ant 5	FR1 n77_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	19.4	22.6
Reported 1g SAR (W/kg)	0.855	0.807
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	87.10	90.99
Linearity SAR(W/kg)	0.89	
% deviation from expected linearity		-9.65%

<FR1 n41 Linearity Data for Hotspot>

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.7	23.7
Reported 1g SAR (W/kg)	0.624	0.571
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	117.49	117.21
Linearity SAR(W/kg)	0.62	
% deviation from expected linearity		-8.28%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	18.05	21.05
Reported 1g SAR (W/kg)	0.779	0.704
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.83	63.68
Linearity SAR(W/kg)	0.78	
% deviation from expected linearity		-9.41%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.6	25.6
Reported 1g SAR (W/kg)	0.694	0.651
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	181.97	181.54
Linearity SAR(W/kg)	0.69	
% deviation from expected linearity		-5.97%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.3	26.3
Reported 1g SAR (W/kg)	0.746	0.743
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	213.80	213.29
Linearity SAR(W/kg)	0.74	
% deviation from expected linearity		-0.17%

<FR1 n77 Linearity Data for Hotspot>

	FR1 n77_Ant 6	FR1 n77_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.4	23.5
Reported 1g SAR (W/kg)	0.543	0.527
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	109.65	111.94
Linearity SAR(W/kg)	0.55	
% deviation from expected linearity		-4.93%

	FR1 n77_Ant 7	FR1 n77_Ant 7
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.8	24.9
Reported 1g SAR (W/kg)	0.526	0.524
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	151.36	154.51
Linearity SAR(W/kg)	0.54	
% deviation from expected linearity		-2.42%

	FR1 n77_Ant 1	FR1 n77_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21	24.2
Reported 1g SAR (W/kg)	0.84	0.793
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	131.51
Linearity SAR(W/kg)	0.88	
% deviation from expected linearity		-9.63%

	FR1 n77_Ant 5	FR1 n77_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.5	26.2
Reported 1g SAR (W/kg)	0.559	0.445
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	281.84	208.43
Linearity SAR(W/kg)	0.41	
% deviation from expected linearity		7.64%

<FR1 n41 Linearity Data for Body-worn>

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.4	24.4
Reported 1g SAR (W/kg)	0.564	0.509
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	138.04	137.71
Linearity SAR(W/kg)	0.56	
% deviation from expected linearity		-9.54%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	19.55	22.55
Reported 1g SAR (W/kg)	0.698	0.678
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	90.16	89.94
Linearity SAR(W/kg)	0.70	
% deviation from expected linearity		-2.63%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.3	26.3
Reported 1g SAR (W/kg)	0.815	0.765
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	213.80	213.29
Linearity SAR(W/kg)	0.81	
% deviation from expected linearity		-5.91%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24	26.9
Reported 1g SAR (W/kg)	0.621	0.601
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	244.89
Linearity SAR(W/kg)	0.61	
% deviation from expected linearity		-0.73%

<FR1 n77 Linearity Data for Body-worn>

	FR1 n77_Ant 6	FR1 n77_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.1	24.2
Reported 1g SAR (W/kg)	0.579	0.573
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	128.82	131.51
Linearity SAR(W/kg)	0.59	
% deviation from expected linearity		-3.06%

	FR1 n77_Ant 7	FR1 n77_Ant 7
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.5	25.6
Reported 1g SAR (W/kg)	0.547	0.539
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	177.83	181.54
Linearity SAR(W/kg)	0.56	
% deviation from expected linearity		-3.48%

	FR1 n77_Ant 1	FR1 n77_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23	26.2
Reported 1g SAR (W/kg)	0.977	0.951
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	208.43
Linearity SAR(W/kg)	1.02	
% deviation from expected linearity		-6.82%

	FR1 n77_Ant 5	FR1 n77_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25	26.2
Reported 1g SAR (W/kg)	0.627	0.445
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	208.43
Linearity SAR(W/kg)	0.41	
% deviation from expected linearity		7.68%

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15. Uncertainty Assessment

Declaration of Conformity:
The test results with all measurement uncertainty excluded is presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

The component of uncertainly may generally be categorized according to the methods used to evaluate them. The evaluation of uncertainly by the statistical analysis of a series of observations is termed a Type An evaluation of uncertainty. The evaluation of uncertainty by means other than the statistical analysis of a series of observation is termed a Type B evaluation of uncertainty. Each component of uncertainty, however evaluated, is represented by an estimated standard deviation, termed standard uncertainty, which is determined by the positive square root of the estimated variance.

A Type A evaluation of standard uncertainty may be based on any valid statistical method for treating data. This includes calculating the standard deviation of the mean of a series of independent observations; using the method of least squares to fit a curve to the data in order to estimate the parameter of the curve and their standard deviations; or carrying out an analysis of variance in order to identify and quantify random effects in certain kinds of measurement.

A type B evaluation of standard uncertainty is typically based on scientific judgment using all of the relevant information available. These may include previous measurement data, experience, and knowledge of the behavior and properties of relevant materials and instruments, manufacture's specification, data provided in calibration reports and uncertainties assigned to reference data taken from handbooks. Broadly speaking, the uncertainty is either obtained from an outdoor source or obtained from an assumed distribution, such as the normal distribution, rectangular or triangular distributions indicated in table below.

Uncertainty Distributions	Normal	Rectangular	Triangular	U-Shape
Multi-plying Factor[a]	1/k[b]	$1/\sqrt{3}$	$1/\sqrt{6}$	$1/\sqrt{2}$

(a) standard uncertainty is determined as the product of the multiplying factor and the estimated range of variations in the measured quantity

(b) κ is the coverage factor

Standard Uncertainty for Assumed Distribution

The combined standard uncertainty of the measurement result represents the estimated standard deviation of the result. It is obtained by combining the individual standard uncertainties of both Type A and Type B evaluation using the usual "root-sum-squares" (RSS) methods of combining standard deviations by taking the positive square root of the estimated variances.

Expanded uncertainty is a measure of uncertainty that defines an interval about the measurement result within which the measured value is confidently believed to lie. It is obtained by multiplying the combined standard uncertainty by a coverage factor. Typically, the coverage factor ranges from 2 to 3. Using a coverage factor allows the true value of a measured quantity to be specified with a defined probability within the specified uncertainty range. For purpose of this document, a coverage factor two is used, which corresponds to confidence interval of about 95 %. The DASY uncertainty Budget is shown in the following tables.

The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.

Applicable for SAR Measurements:

Uncertainty Budget (4 MHz - 10 GHz range)							
Error Description	**Uncertainty Value (±%)**	**Probability**	**Divisor**	**(Ci) 1g**	**(Ci) 10g**	**Standard Uncertainty (1g) (±%)**	**Standard Uncertainty (10g) (±%)**
Measurement System							
Probe Calibration	18.60	N	2	1	1	9.3	9.3
Axial Isotropy	4.70	R	1.732	0.7	0.7	1.9	1.9
Hemispherical Isotropy	9.60	R	1.732	0.7	0.7	3.9	3.9
Linearity	4.70	R	1.732	1	1	2.7	2.7
Modulation Response	4.68	R	1.732	1	1	2.7	2.7
System Detection Limits	1.00	R	1.732	1	1	0.6	0.6
Boundary Effects	2.00	R	1.732	1	1	1.2	1.2
Readout Electronics	0.30	N	1	1	1	0.3	0.3
Response Time	0.00	R	1.732	1	1	0.0	0.0
Integration Time	2.60	R	1.732	1	1	1.5	1.5
RF Ambient Noise	3.00	R	1.732	1	1	1.7	1.7
RF Ambient Reflections	3.00	R	1.732	1	1	1.7	1.7
Probe Positioner	0.40	R	1.732	1	1	0.2	0.2
Probe Positioning	6.70	R	1.732	1	1	3.9	3.9
Post-processing	4.00	R	1.732	1	1	2.3	2.3
Test Sample Related							
Device Holder	3.60	N	1	1	1	3.6	3.6
Test sample Positioning	3.03	N	1	1	1	3.0	3.0
Power Scaling	0.00	R	1.732	1	1	0.0	0.0
Power Drift	5.00	R	1.732	1	1	2.9	2.9
Phantom and Setup							
Phantom Uncertainty	7.60	R	1.732	1	1	4.4	4.4
SAR correction	0.00	R	1.732	1	0.84	0.0	0.0
Liquid Conductivity Repeatability	0.03	N	1	0.78	0.77	0.0	0.0
Liquid Conductivity (target)	5.00	R	1.732	0.78	0.77	2.3	2.2
Liquid Conductivity (mea.)	2.50	R	1.732	0.78	0.77	1.1	1.1
Temp. unc. - Conductivity	3.68	R	1.732	0.78	0.77	1.7	1.6
Liquid Permittivity Repeatability	0.02	N	1	0.23	0.26	0.0	0.0
Liquid Permittivity (target)	5.00	R	1.732	0.23	0.26	0.7	0.8
Liquid Permittivity (mea.)	2.50	R	1.732	0.23	0.26	0.3	0.4
Temp. unc. - Permittivity	0.84	R	1.732	0.23	0.26	0.1	0.1
Combined Std. Uncertainty						14.5%	14.2%
Coverage Factor for 95 %						K=2	K=2
Expanded STD Uncertainty						29.0%	28.4%

Applicable for Power Density Measurements:

Error Description	Uncertainty Value (±dB)	Probability	Divisor	(Ci)	Standard Uncertainty (±dB)
Probe Calibration	0.49	N	1	1	0.49
Probe correction	0.00	R	1.732	1	0.00
Frequency response (BW ≤ 1 GHz)	0.20	R	1.732	1	0.12
Sensor cross coupling	0.00	R	1.732	1	0.00
Isotropy	0.50	R	1.732	1	0.29
Linearity	0.20	R	1.732	1	0.12
Probe scattering	0.00	R	1.732	1	0.00
Probe positioning offset	0.30	R	1.732	1	0.17
Probe positioning repeatability	0.04	R	1.732	1	0.02
Sensor mechanical offset	0.00	R	1.732	1	0.00
Probe spatial resolution	0.00	R	1.732	1	0.00
Field impedance dependance	0.00	R	1.732	1	0.00
Amplitude and phase drift	0.00	R	1.732	1	0.00
Amplitude and phase noise	0.04	R	1.732	1	0.02
Measurement area truncation	0.00	R	1.732	1	0.00
Data acquisition	0.03	N	1	1	0.03
Sampling	0.00	R	1.732	1	0.00
Field reconstruction	2.00	R	1.732	1	1.15
Forward transformation	0.00	R	1.732	1	0.00
Power density scaling	0.00	R	1.732	1	0.00
Spatial averaging	0.10	R	1.732	1	0.06
System detection limit	0.04	R	1.732	1	0.02
Uncertainty terms dep endent on the DUT and environmental factors					
Probe coupling with DUT	0.00	R	1.732	1	0.0
Modulation response	0.40	R	1.732	1	0.2
Integration time	0.00	R	1.732	1	0.0
Response time	0.00	R	1.732	1	0.0
Device holder influence	0.10	R	1.732	1	0.1
DUT alignment	0.00	R	1.732	1	0.0
RF ambient conditions	0.04	R	1.732	1	0.0
Ambient reflections	0.04	R	1.732	1	0.0
Immunity / secondary reception	0.00	R	1.732	1	0.0
Drift of the DUT		R	1.732	1	
Combined Std. Uncertainty					1.34
Expanded STD Uncertainty (95%)					**2.68**

16. References

[1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

[3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013

[4] SPEAG DASY System Handbook

[5] FCC KDB 248227 D01 v02r02, “SAR Guidance for IEEE 802.11 (WiFi) Transmitters”, Oct 2015.

[6] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

[7] FCC KDB 648474 D04 v01r03, “SAR Evaluation Considerations for Wireless Handsets”, Oct 2015.

[8] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015

[9] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015

[10] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015

[11] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.

[12] FCC KDB 941225 D07 v01r02, " SAR Evaluation Procedures for UMPC Mini-Tablet Devices", Oct 2015.

[13] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.

[14] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.

[15] IEC/IEEE 62209-1528:2020, “Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)”, Oct. 2020

[16] SPEAG DASY6 System Handbook

[17] SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)