FCC SAR TEST REPORT

FCC ID	:	**UZ7MC345B**
Equipment	:	**Mobile Computer**
Brand Name	:	**ZEBRA**
Model Name	:	**MC345B**
Applicant	:	**Zebra Technologies Corporation 3 Overlook Point, Lincolnshire, IL 60069 USA**
Manufacturer	:	**Zebra Technologies Corporation 3 Overlook Point, Lincolnshire, IL 60069 USA**
Standard	:	**FCC 47 CFR Part 2 (2.1093)**

The product was received on Nov. 07, 2024 and testing was started from Nov. 15, 2024 and completed on Dec. 24, 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

Sporton International Inc. EMC & Wireless Communications Laboratory
No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FA4O2225B	01	Initial issue of report	Feb. 13, 2025

1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for Zebra Technologies Corporation, Mobile Computer, MC345B, are as follows.

Equipment Class	Frequency Band	Highest SAR Summary			Highest Simultaneous Transmission 1g SAR (W/kg)	Highest Simultaneous Transmission 10g SAR (W/kg)
		Body-worn (Separation 15mm)	Hotspot (Separation 10mm)	Extremity (Separation 0mm)		
		1g SAR (W/kg)		10g SAR (W/kg)		
Licensed	WCDMA II	1.18	0.41	1.05	1.58	3.62
	WCDMA IV	1.16	0.40	1.13		
	WCDMA V	0.98	0.32	0.64		
	LTE Band 2	1.17	0.57	1.22		
	LTE Band 7	1.19	0.57	0.94		
	LTE Band 12/17	0.50	0.25	0.58		
	LTE Band 5/26	1.02	0.37	0.70		
	LTE Band 4/66	1.02	0.44	1.10		
	LTE Band 71	0.26	0.15	0.35		
	LTE Band 38/41	0.49	0.43	0.36		
	LTE Band 42	0.84	0.58	0.27		
	LTE Band 43	0.98	0.59	2.27		
	FR1 n2	1.17	0.44	1.02		
	FR1 n7	1.17	0.51	0.70		
	FR1 n12	0.55	0.25	0.65		
	FR1 n5/n26	1.12	0.33	0.69		
	FR1 n66	1.06	0.40	1.14		
	FR1 n71	0.29	0.16	0.36		
	FR1 n38/n41	0.74	0.51	0.77		
	FR1 n77/n78	0.91	0.50	2.16		
DTS	2.4GHz WLAN	0.52	0.97	0.42	1.58	3.62
NII	5GHz WLAN	0.79	1.19	2.48	1.58	3.62
6CD	6GHz WLAN	0.20		0.39	1.58	3.62
DSS	Bluetooth	< 0.01	< 0.01	< 0.01	1.57	3.62
DXX	NFC			0.03		3.62

Equipment Class	Frequency Band	Body-worn Reported APD (mW/cm^2)	Extremity Reported APD (mW/cm^2)	Reported PD (mW/cm^2)
6CD	6GHz WLAN	0.18	0.92	0.75
Date of Testing:	2024/11/15 ~ 2024/12/24			

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation and the FCC designation No. TW1190 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 Extremity 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: Carlie Tsai

2. Equipment Under Test (EUT) Information

2.1 General Information

Product Feature & Specification	
Equipment Name	Mobile Computer
Brand Name	ZEBRA
Model Name	MC345B
FCC ID	UZ7MC345B
Wireless Technology and Frequency Range	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 17: 704 MHz ~ 716 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 42: 3450 MHz ~ 3550 MHz LTE Band 43: 3700 MHz ~ 3800 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 n26 : 814 MHz ~ 849 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n77 : 3700 MHz ~ 3980 MHz, 3450 MHz ~ 3550 MHz, 3550 MHz ~ 3700 MHz 5G NR n78 : 3700 MHz ~ 3800 MHz, 3450 MHz ~ 3550 MHz, 3550 MHz ~ 3700 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 6GHz Band: 5925 MHz ~ 6425 MHz, 6425 MHz ~ 6525 MHz, 6525 MHz ~ 6875 MHz, 6875 MHz ~ 7125 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz NFC: 13.56 MHz
Mode	RMC 12.2Kbps HSDPA HSUPA DC-HSDPA LTE: QPSK, 16QAM, 64QAM, 256QAM 5G NR: DFT-s-OFDM/CP-OFDM, Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM WLAN: 802.11a/b/g/n/ac/ax HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE NFC: ASK
HW Version	EV
SW Version	14-10-10.00-UG-U00-PRD-NEM-04
FW Version	FUSION_QA_6_1.0.0.001_U
MFD	14SEP24
EUT Stage	Identical Prototype

Remark:

1. The device has two sample types of brick and gun, for RF exposure selects SKU 12 and selects SKU 7 to doing full SAR tested, other skus verify worst case.
2. The device implements the power management and motion sensor detection for SAR compliance at different exposure conditions (hotspot, body-worn, Extremity) and the Smart transmit feature will manage to ensure the power level not exceeding the associated power table. Detail power management decision include in operational description.
3. The device WLAN support DBS mode (Dual band simultaneous) for WLAN operation, when the DBS mode is active the device will limit different maximum power for Sim-Tx SAR compliance, Details about the power management decision are provided in the operational description.
4. The device implements the motion sensor detection for SAR compliance and the supplemental SAR tests results and Power Validation include in appendix E.

Type	Sample + Battery	SKU	Battery
Brick	SKU 12+1	SKU 12	Battery1
	SKU 12+2	SKU 12	Battery2
	SKU 12+3	SKU 12	Battery3
	SKU 4	SKU 4	Battery4
Gun	SKU 7	SKU 7	Battery1
	SKU 1	SKU 1	Battery2
	SKU 2	SKU 2	Battery3
	SKU 5	SKU 5	Battery4

Accessories Information				
Adapter 1 USB Wall Charger	Brand Name	Zebra	Model Number	PWR-WUA5V12W0US
Battery 1 Standard Battery (7000mAh)	Brand Name	Zebra	Model Number	BT-000375
Battery 2 Standard Battery (7000mAh)	Brand Name	Zebra	Model Number	BT-000375
Battery 3 BLE Battery (7000mAh)	Brand Name	Zebra	Model Number	BT-000444
Battery 4 BLE Battery (7000mAh)	Brand Name	Zebra	Model Number	BT-000375B
Type C USB Cable	Brand Name	Zebra	Model Number	CBL-TC5X-USBC2A-01
USB Cable Cup	Brand Name	Zebra	Model Number	CBL-MC33-USBCHG-01
Soft Holster for Gun Type	Brand Name	Zebra	Model Number	SG-MC3021212-01R
Soft Holster for Brick Type	Brand Name	Zebra	Model Number	SG-MC3X-SHLSTB-01
USB-C PTT Headset	Brand Name	Zebra	Model Number	HDST-USBC-PTT1-01
USB-C to 3.5mm adapter	Brand Name	Zebra	Model Number	ADP-USBC-35MM1-01
3.5mm To Quick Disconnect (QD) Adapter Cable	Brand Name	Zebra	Model Number	ADP-35M-QDCBL1-01
3.5mm PTT Headset	Brand Name	Zebra	Model Number	HDST-35MM-PTT1-01
3.5mm PTT HS2100 Headset	Brand Name	Zebra	Model Number	HS2100
Quick Disconnect (QD) Cable	Brand Name	Zebra	Model Number	CBL-HS2100-QDC1-01

2.2 Maximum Tune-up Limit

General Note:

1. For each cellular band, the device has several WWAN antennas, the antenna selection is based on the connection quality condition, and only one antenna will transmit at a time.
2. The following table shows maximum output power configurations for various exposure conditions (output power index DSI) with tune-up tolerance accounted. For smart transmit 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.

<WWAN>

				WLAN OFF		WLAN ON	Power Back off for WLAN ON
Band	Antenna	Duty cycle	Full Power	Free Space Mode	Body/Extremity	Hotspot	Body/Extremity
				DSI0	DSI1	DSI3	DSI1
WCDMA B2	1	100.00%	24.5	24.5	23.9	21.0	21.0
WCDMA B4	1	100.00%	25.0	25.0	23.3	20.5	20.5
WCDMA B5	1	100.00%	25.0	25.0	25.0	23.0	23.0
LTE B2	1	100.00%	25.7	25.7	24.7	22.0	22.0
LTE B7	5	100.00%	25.7	25.7	25.7	22.5	23.8
LTE B12/17	1	100.00%	25.7	25.7	25.7	25.7	25.7
LTE B26/5	1	100.00%	25.7	25.7	25.7	23.5	23.5
LTE B41/38 PC3	5	63.30%	25.0	25.0	25.0	23.5	25.0
LTE B42 PC3	8	63.30%	25.0	25.0	25.0	22.5	25.0
LTE B43 PC3	8	63.30%	25.0	25.0	25.0	21.0	25.0
LTE B66 / 4	1	100.00%	25.7	25.7	22.6	20.6	20.6
LTE B71	1	100.00%	25.0	25.0	25.0	25.0	25.0
n2	1	100.00%	25.7	25.7	23.9	21.5	21.6
n7	5	100.00%	25.7	25.7	25.7	22.5	22.5
n12	1	100.00%	25.7	25.7	25.7	25.7	25.7
n26/5	1	100.00%	25.7	25.7	25.7	22.5	22.5
FR1 n41/38 PC3	5	100.00%	25.7	25.7	25.7	22.0	23.5
FR1 n41 PC2	5	50.00%	27.5	27.5	27.5	25.0	26.5
FR1 n41 PC3	2	100.00%	23.0	23.0	23.0	23.0	23.0
FR1 n41 PC3	3	100.00%	22.5	22.5	22.5	22.5	22.5
FR1 n41 PC3	4	100.00%	22.5	22.5	22.5	22.5	22.5
n66	1	100.00%	25.7	25.7	22.8	20.3	20.3
n71	1	100.00%	25.0	25.0	25.0	25.0	25.0
n77/78_Part 27O/27Q/96 PC3	9	100.00%	21.5	21.5	21.5	18.5	21.5
n77/78_Part 27O/27Q PC2	9	50.00%	24.5	24.5	24.5	21.5	24.5
n77/78_Part 27O/27Q PC3	8	100.00%	25.0	25.0	23.3	18.5	20.3
n77/78_Part 27O/27Q PC2	8	50.00%	27.5	27.5	26.3	21.5	23.3
n77/78_Part 96 PC3	8	100.00%	23.4	23.4	23.3	18.5	20.3
n77/78_Part 27O/27Q PC3	3	100.00%	22.0	22.0	22.0	20.7	22.0
n77/78_Part 96 PC3 SRS	3	100.00%	20.4	20.4	20.4	20.4	20.4
n77/78_Part 27O/27Q8 PC3	4	100.00%	22.0	22.0	19.2	16.3	16.3
n77/78_Part 96 PC3 SRS	4	100.00%	20.4	20.4	19.2	16.3	16.3

2.1 Smart Transmit feature for RF Exposure compliance

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_design_target, below the predefined time-averaged power limit, for each characterized technology and band (refer to RF exposure part0 report)

Smart Transmit allows the device to transmit at higher power instantaneously, as high as Pmax, when needed, but enforces power limiting to maintain time-averaged transmit power to Plimit. Below table shows Plimit EFS settings and maximum tune up output power Pmax configured for this EUT for various transmit conditions (Device State Index DSI).

<Terminologies in this report>

P_{limit}	The time-averaged RF power which corresponds to SAR_design_target.
P_{max}	Maximum target power level
SAR_design_target:	The design target for SAR compliance. It should be less than regulatory power density limit to account for all device design related uncertainties.
SAR char	P_{limit} for all the technologies/bands for all applicable DSI

<SAR Characterization>

SAR char must be generated to cover all radio configurations and usage scenarios that the wireless device supports for operating at 6 GHz or below. It will then be used as input for Smart Transmit to control and manage RF exposure for f < 6 GHz.

<SAR design target and uncertainty>

The detail SAR design target relate to each exposure conditions pls refer to operation description

			WLAN OFF (P limit)		WLAN ON (P limit)	Power Back off for WLAN ON
Band	Antenna	Duty Cycle	Free Space Mode	Body-worn 1g SAR / Extremity 10g SAR	Hotspot 1g SAR	Body-worn 1g SAR / Extremity 10g SAR
			DSI0	DSI1	DSI3	DSI1
WCDMA II	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
WCDMA IV	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
WCDMA V	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B7	5	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B12/17	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B2	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B26/5	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B66/4	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B71	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B41/38 PC3	5	63.30%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B42	8	63.30%	0.840	0.84/2.26	0.422	0.422/1.13
LTE B43	8	63.30%	0.840	0.84/2.26	0.422	0.422/1.13
n7	5	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n12	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n2	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n26/5	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n66	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n71	1	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n41/38 PC3	5	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n41 PC2	5	50.00%	0.840	0.84/2.26	0.422	0.422/1.13
n41 PC3 SRS	2	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n41 PC3 SRS	3	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n41 PC3 SRS	4	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 27O/27Q/96 PC3	9	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 27O/27Q PC2	9	50.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 27O/27Q PC3	8	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 27O/27Q PC2	8	50.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 96 PC3	8	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 27O/27Q PC3	3	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 96 PC3 SRS	3	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 27O/27Q PC3	4	100.00%	0.840	0.84/2.26	0.422	0.422/1.13
n77/78_Part 96 PC3 SRS	4	100.00%	0.840	0.84/2.26	0.422	0.422/1.13

To account for total uncertainty, SAR_design_target should be determined as:

$$SAR\_design\_target < SAR_{regulatory\_limit} \times 10^{\frac{-total\ uncertainty}{10}}$$

<P_{limit} for supported technologies and bands (P_{limit} in EFS file)>

Band	Config	Antenna	Duty Cycle	Pmax	WLAN OFF (P limit) (dBm)		WLAN ON (P limit) (dBm)	Power Back off for WLAN ON (dB)	
					Free Space Mode	Body-worn / Extremity	Hotspot	Free Space Mode	Body-worn / Extremity
				DSI0	DSI0	DSI1	DSI3	DSI0	DSI1
WCDMA II	TX0	1	100.00%	23.0	36.2	22.4	19.5		2.9
WCDMA IV	TX0	1	100.00%	23.5	36.7	21.8	19.0		2.8
WCDMA V	TX0	1	100.00%	23.5	30.7	24.1	21.5		2.0
LTE B7	TX0	5	100.00%	24.2	33.0	25.2	21.0		1.9
LTE B12/17	TX0	1	100.00%	24.2	33.3	28.2	24.2		
LTE B2	TX0	1	100.00%	24.2	36.1	23.2	20.5		2.7
LTE B26/5	TX0	1	100.00%	24.2	30.9	25.4	22.0		2.2
LTE B66/4	TX0	1	100.00%	24.2	36.0	21.1	19.1		2.0
LTE B71	TX0	1	100.00%	23.5	34.9	30.3	23.5		
LTE B41/38 PC3	TX0	5	63.30%	21.5	32.6	24.4	20.0		
LTE B42	TX0	8	63.30%	21.5	23.5	25.4	19.0		
LTE B43	TX0	8	63.30%	21.5	23.5	24.0	17.5		
n7	TX0	5	100.00%	24.2	33.2	24.2	21.0		3.2
n12	TX0	1	100.00%	24.2	34.2	28.3	24.2		
n2	TX0	1	100.00%	24.2	36.4	22.4	20.0		2.3
n26/5	TX0	1	100.00%	24.2	30.4	24.4	21.0		3.2
n66	TX0	1	100.00%	24.2	36.6	21.3	18.8		2.5
n71	TX0	1	100.00%	23.5	34.5	31.2	23.5		
n41/38 PC3	TX0	5	100.00%	24.2	32.3	24.4	20.5		2.2
n41 PC2	TX0	5	50.00%	23.0					
n41 PC3 SRS	TX1	2	100.00%	21.5	32.4	23.4	21.5		
n41 PC3 SRS	MIMO0	3	100.00%	21.0	36.2	33.6	21.0		
n41 PC3 SRS	MIMO1	4	100.00%	21.0	35.6	27.1	21.0		
n77/78_Part 27O/27Q/96 PC3	TX0	9	100.00%	20.0	32.8	23.1	17.0		
n77/78_Part 27O/27Q PC2	TX0	9	50.00%	20.0					
n77/78_Part 27O/27Q PC3	TX1	8	100.00%	23.5	30.4	21.8	17.0		3.0
n77/78_Part 27O/27Q PC2	TX1	8	50.00%	23.0					
n77/78_Part 96 PC3	TX1	8	100.00%	21.9					
n77/78_Part 27O/27Q PC3	MIMO0	3	100.00%	20.5	32.8	22.3	19.2		
n77/78_Part 96 PC3 SRS	MIMO0	3	100.00%	18.9					
n77/78_Part 27O/27Q PC3	MIMO1	4	100.00%	20.5	36.6	17.7	14.8		2.9
n77/78_Part 96 PC3 SRS	MIMO1	4	100.00%	18.9					

*Pmax is used for RF tune up procedure. The maximum allowed output power is equal to Pmax + 1.5dB uncertainty.
**All Plimit power levels entered in the Table correspond to average power levels after accounting for duty cycle in the case TDD modulation schemes (for e.g., GSM & LTE TDD & NR TDD).
The max allowed output power is the Plimit + 1.5dB device uncertainty, and if Plimit is higher than Pmax, the device output power will be Pmax instead.

2.2 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>UZ7MC345B</td></tr>
<tr><td>Equipment Name</td><td>Mobile Computer</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 17: 704 MHz ~ 716 MHz
LTE Band 26: 814 MHz ~ 849 MHz
LTE Band 38: 2570 MHz ~ 2620 MHz
LTE Band 41: 2496 MHz ~ 2690 MHz
LTE Band 42: 3450 MHz ~ 3550 MHz
LTE Band 43: 3700 MHz ~ 3800 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 17: 5MHz, 10MHz
LTE Band 26:1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
LTE Band 38: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 41: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 42: 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 43: 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>Data only</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>Intra-Band possible combinations referred to section 11.</td></tr>
<tr><td>LTE Carrier Aggregation Additional Information</td><td>This device supports maximum of 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 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 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 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 42								
	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	42115	3452.5	42140	3455	42165	3457.5	42190	3460
M	42590	3500	42590	3500	42590	3500	42590	3500
H	43065	3547.5	43040	3545	43015	3542.5	42990	3540

LTE Band 43								
	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	44615	3702.5	44640	3705	44665	3707.5	44690	3710
M	45090	3750	45090	3750	45090	3750	45090	3750
H	45565	3797.5	45540	3795	45515	3792.5	45490	3790

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

2.3 General 5G NR SAR Test and Reporting Considerations

5G NR Information	
FCC ID	UZ7MC345B
Equipment Name	Mobile Computer
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 n26 : 814 MHz ~ 849 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n77 : 3700 MHz ~ 3980 MHz, 3450 MHz ~ 3550 MHz, 3550 MHz ~ 3700 MHz 5G NR n78 : 3700 MHz ~ 3800 MHz, 3450 MHz ~ 3550 MHz, 3550 MHz ~ 3700 MHz
Channel Bandwidth	5G NR n2: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n5: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n7: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz 5G NR n12: 5MHz, 10MHz, 15MHz 5G NR n26: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n38: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz 5G NR n41: 10MHz, 15MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz 5G NR n66: 5MHz, 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz 5G NR n71: 5MHz, 10MHz, 15MHz, 20MHz 5G NR n77: 10MHz, 15MHz, 20MHz, 25 MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz 5G NR 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 B2/4/5/7/12/66/71
LTE Anchor Bands for n5	LTE B2/4/5/7/12/66/71
LTE Anchor Bands for n7	LTE B2/4/5/7/12/66/71
LTE Anchor Bands for n12	LTE B2/5/7/66/71
LTE Anchor Bands for n38	LTE B2/4/5/7/12/66/71
LTE Anchor Bands for n41	LTE B2/4/5/12/26/41/66/71
LTE Anchor Bands for n66	LTE B2/5/7/12/41/66/71
LTE Anchor Bands for n71	LTE B2/5/7/12/41/66/71
LTE Anchor Bands for n77	LTE B2/5/7/12/26/41/66/71
LTE Anchor Bands for n78	LTE B2/4/5/7/12/26/38/41/66/71

NR Band 2

	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	370500	1852.5	371000	1855	371500	1857.5	372000	1860
M	376000	1880	376000	1880	376000	1880	376000	1880
H	381500	1907.5	381000	1905	380500	1902.5	380000	1900

NR Band 5

	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz	
	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)	Ch. #	Freq. (MHz)
L	165300	826.5	165800	829	166300	831.5	166800	834
M	167300	836.5	167300	836.5	167300	836.5	167300	836.5
H	169300	846.5	168800	844	168300	841.5	167800	839

NR Band 7

	Bandwidth 5MHz		Bandwidth 10MHz		Bandwidth 15MHz		Bandwidth 20MHz		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	500500	2502.5	501000	2505	501500	2507.5	502000	2510	502500	2512.5	503000	2515	504000	2520
M	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

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 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	846.6	168800	844	168300	841.5	167800	839

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

NR Band 41																				
	Bandwidth10MHz		Bandwidth15MHz		Bandwidth20MHz		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)
L	500202	2501.01	500700	2503.5	501204	2506.02	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
H	537000	2685	536496	2682.48	535998	2679.99	534996	2674.98	534000	2670	532998	2664.99	531996	2659.98	531000	2655	529998	2649.99	528996	2644.98	528000	2640

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 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																								
	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																								
	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(3450MHz ~ 3550MHz)																								
	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		

NR Band 77/78(3550MHz ~ 3700MHz)																								
	Bandwidth10MHz		Bandwidth15MHz		Bandwidth 20MHz		Bandwidth25MHz		Bandwidth30MHz		Bandwidth 40MHz		Bandwidth 50MHz		Bandwidth 60MHz		Bandwidth 70MHz		Bandwidth 80MHz		Bandwidth 90MHz		Bandwidth100MHz	
	Ch. #	Freq. (MHz)	Ch. #	Ch. #	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	637000	3555	637168	3557.52	637334	3560.01	637500	3562.5	637668	3565.02	638000	3570	638334	3575.01	638668	3580.02	639000	3585	639334	3590.01	639668	3595.02	640000	3600
M	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99	641666	3624.99
H	646332	3694.98	646166	3692.49	646000	3690	645832	3687.48	645666	3684.99	645332	3679.98	645000	3675	644666	3669.99	644332	3664.98	644000	3660	643666	3654.99	643332	3649.98

3. 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
- IEC/IEEE 62209-1528:2020
- SPEAG DASY6 System Handbook
- SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)

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.

4.3 RF Exposure limit for above 6GHz

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. Specific Absorption Rate (SAR)

5.1 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.

5.2 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:

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

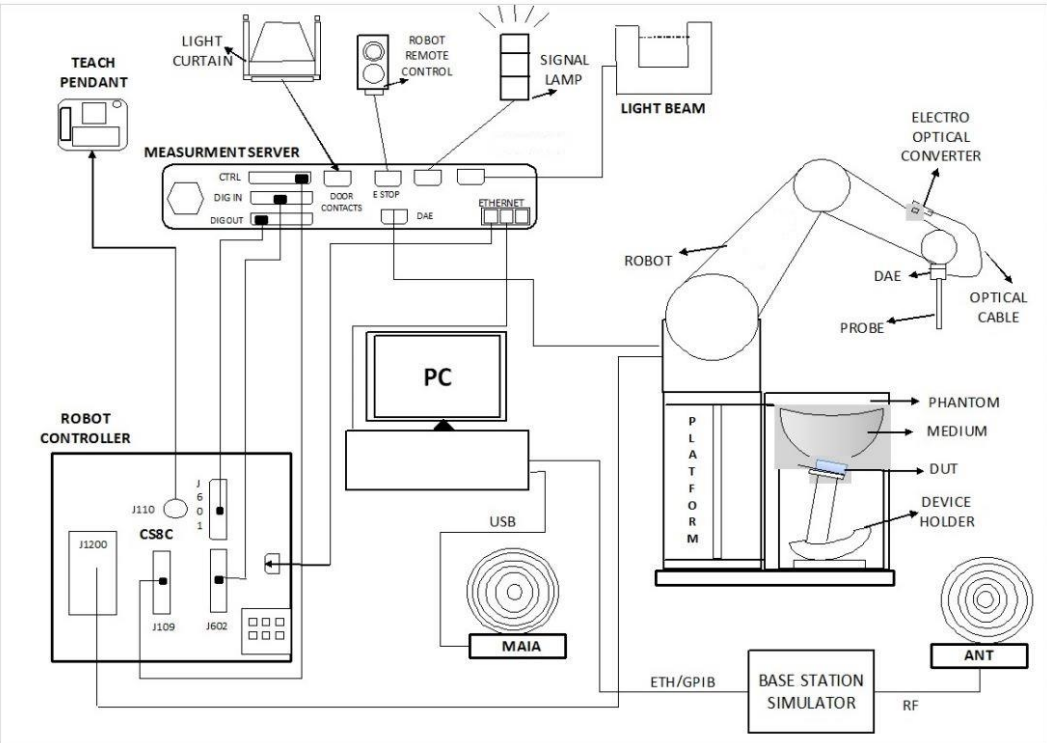
SAR is expressed in units of Watts per kilogram (W/kg)

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

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

6. 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.

6.1 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	

6.2 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	4 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	4 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	

6.3 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.

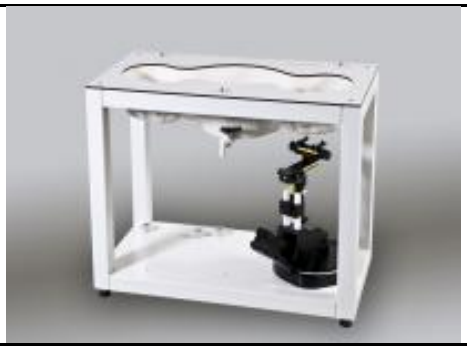
The input impedance of the DAE is 200 MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

Fig 5.1 Photo of DAE

6.4 Phantom

<SAM Twin Phantom>

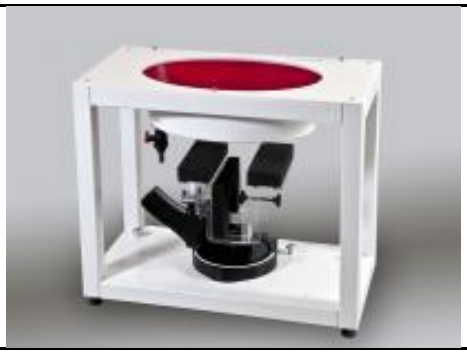
Shell Thickness	2 ± 0.2 mm; Center ear point: 6 ± 0.2 mm
Filling Volume	Approx. 25 liters
Dimensions	Length: 1000 mm; Width: 500 mm; Height: adjustable feet
Measurement Areas	Left Hand, Right Hand, Flat Phantom



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.

6.5 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

7. 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

7.1 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

7.2 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.

7.3 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.	

7.4 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.

7.5 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.

7.6 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.

8. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	750MHz System Validation Kit	D750V3	1012	Aug. 22, 2024	Aug. 21, 2025
SPEAG	750MHz System Validation Kit(2)	D750V3	1107	Jun. 22, 2022	Jun. 19, 2025
SPEAG	750MHz System Validation Kit(2)	D750V3	1117	Mar. 24, 2022	Mar. 21, 2025
SPEAG	835MHz System Validation Kit	D835V2	499	Aug. 22, 2024	Aug. 21, 2025
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. 21, 2025
SPEAG	1750MHz System Validation Kit(2)	D1750V2	1120	Mar. 25, 2022	Mar. 22, 2025
SPEAG	1750MHz System Validation Kit(2)	D1750V2	1068	Nov. 21, 2022	Nov. 18, 2025
SPEAG	1900MHz System Validation Kit	D1900V2	5d041	Aug. 15, 2024	Aug. 14, 2025
SPEAG	1900MHz System Validation Kit(2)	D1900V2	5d185	Jun. 17, 2022	Jun. 14, 2025
SPEAG	2300MHz System Validation Kit(2)	D2300V2	1006	Jan. 18, 2022	Jan. 15, 2025
SPEAG	2450MHz System Validation Kit	D2450V2	736	Aug. 15, 2024	Aug. 14, 2025
SPEAG	2600MHz System Validation Kit	D2600V2	1008	Aug. 15, 2024	Aug. 14, 2025
SPEAG	2600MHz System Validation Kit(2)	D2600V2	1078	Jun. 23, 2022	Jun. 20, 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. 17, 2025
SPEAG	3900MHz System Validation Kit(2)	D3900V2	1017	Apr. 22, 2022	Apr. 19, 2025
SPEAG	3900MHz System Validation Kit(2)	D3900V2	1092	May. 15, 2023	May. 13, 2025
SPEAG	5GHz System Validation Kit	D5GHzV2	1171	Apr. 19, 2024	Apr. 18, 2025
SPEAG	6500MHz System Validation Kit	D6.5GHzV2	1003	Mar. 15, 2024	Mar. 14, 2025
SPEAG	13MHz System Validation Kit(2)	CLA13	1011	Jul. 10, 2023	Jul. 08, 2025
SPEAG	5G Verification Source	10GHz	1020	Jan. 18, 2024	Jan. 17, 2025
SPEAG	EUmmWV Probe Tip Protection	EUmmWV3	9424	Mar. 12, 2024	Mar. 11, 2025
SPEAG	Data Acquisition Electronics	DAE4	854	Aug. 14, 2024	Aug. 13, 2025
SPEAG	Data Acquisition Electronics	DAE4	1326	Jul. 15, 2024	Jul. 14, 2025
SPEAG	Data Acquisition Electronics	DAE4	1512	Mar. 14, 2024	Mar. 13, 2025
SPEAG	Data Acquisition Electronics	DAE4	1696	Sep. 03, 2024	Sep. 02, 2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	3642	Apr. 25, 2024	Apr. 24, 2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7306	Aug. 21, 2024	Aug. 20, 2025
Testo	Hygro meter	608-H1	45196600	Oct. 28, 2024	Oct. 27, 2025
Anritsu	Radio Communication Analyzer	MT8821C	6201341950	Nov. 12, 2024	Nov. 11, 2025
Keysight	5G Wireless Test Platform	E7515B	MY58300712	Apr. 22, 2024	Apr. 21, 2025
R&S	BT Base Station	CBT	101136	Oct. 20, 2024	Oct. 19, 2025
SPEAG	Device Holder	N/A	N/A	N/A	N/A
Anritsu	Signal Generator	MG3710A	6201502524	Sep. 24, 2024	Sep. 23, 2025
Keysight	ENA Network Analyzer	E5071C	MY46104758	Oct. 20, 2024	Oct. 19, 2025
SPEAG	Dielectric Probe Kit	DAK-3.5	1126	Sep. 17, 2024	Sep. 16, 2025
SPEAG	Dielectric Probe Kit	DAK-12	1156	Jul. 15, 2024	Jul. 14, 2025
LINE SEIKI	Digital Thermometer	DTM3000-spezial	3690	Aug. 07, 2024	Aug. 06, 2025
Anritsu	Power Meter	ML2495A	1419002	Aug. 13, 2024	Aug. 12, 2025
Anritsu	Power Sensor	MA2411B	1911176	Aug. 13, 2024	Aug. 12, 2025
Anritsu	Spectrum Analyzer	MS2830A	6201396378	Jul. 09, 2024	Jul. 08, 2025
Mini-Circuits	Power Amplifier	ZVE-8G+	6418	Oct. 23, 2024	Oct. 22, 2025
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.

9. System Verification

9.1 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
750	22.7	0.898	42.786	0.89	41.90	0.90	2.11	±5	2024/11/15
750	22.5	0.892	42.636	0.89	41.90	0.22	1.76	±5	2024/11/16
750	22.4	0.886	42.486	0.89	41.90	-0.45	1.40	±5	2024/11/17
750	22.2	0.885	42.452	0.89	41.90	-0.56	1.32	±5	2024/12/3
750	22.5	0.888	42.181	0.89	41.90	-0.22	0.67	±5	2024/12/4
750	22.2	0.887	42.372	0.89	41.90	-0.34	1.13	±5	2024/12/8
750	22.4	0.888	42.385	0.89	41.90	-0.22	1.16	±5	2024/12/12
750	22.6	0.890	42.410	0.89	41.90	0.00	1.22	±5	2024/12/14
835	22.6	0.938	42.360	0.90	41.50	4.22	2.07	±5	2024/11/18
835	22.6	0.945	42.510	0.90	41.50	5.00	2.43	±5	2024/11/19
835	22.5	0.921	41.990	0.90	41.50	2.33	1.18	±5	2024/11/27
835	22.4	0.912	41.909	0.90	41.50	1.33	0.99	±5	2024/11/29
835	22.4	0.921	42.008	0.90	41.50	2.33	1.22	±5	2024/11/30
835	22.2	0.909	42.076	0.90	41.50	1.00	1.39	±5	2024/12/8
835	22.2	0.911	42.101	0.90	41.50	1.22	1.45	±5	2024/12/13
1750	22.4	1.395	40.340	1.37	40.10	1.82	0.60	±5	2024/11/20
1750	22.5	1.357	40.900	1.37	40.10	-0.95	2.00	±5	2024/11/27
1750	22.5	1.374	40.779	1.37	40.10	0.29	1.69	±5	2024/12/1
1750	22.5	1.363	40.417	1.37	40.10	-0.51	0.79	±5	2024/12/9
1750	22.3	1.356	40.386	1.37	40.10	-1.02	0.71	±5	2024/12/15
1750	22.5	1.350	40.355	1.37	40.10	-1.46	0.64	±5	2024/12/16
1900	22.5	1.401	39.977	1.40	40.00	0.07	-0.06	±5	2024/11/22
1900	22.5	1.401	39.484	1.40	40.00	0.07	-1.29	±5	2024/11/27
1900	22.7	1.436	39.003	1.40	40.00	2.57	-2.49	±5	2024/11/28
1900	22.5	1.452	39.233	1.40	40.00	3.71	-1.92	±5	2024/12/2
1900	22.5	1.439	38.869	1.40	40.00	2.79	-2.83	±5	2024/12/9
1900	22.3	1.432	38.838	1.40	40.00	2.29	-2.91	±5	2024/12/15
2600	22.6	1.966	38.064	1.96	39.00	0.31	-2.40	±5	2024/11/25
2600	22.5	1.985	38.190	1.96	39.00	1.28	-2.08	±5	2024/11/27
2600	22.4	1.990	38.995	1.96	39.00	1.53	-0.01	±5	2024/11/29
2600	22.4	2.001	39.075	1.96	39.00	2.09	0.19	±5	2024/11/30
2600	22.3	2.017	38.806	1.96	39.00	2.91	-0.50	±5	2024/12/5
2600	22.4	1.962	38.883	1.96	39.00	0.10	-0.30	±5	2024/12/6
2600	22.6	1.922	39.641	1.96	39.00	-1.94	1.64	±5	2024/12/7
2600	22.4	1.991	38.744	1.96	39.00	1.58	-0.66	±5	2024/12/10
2600	22.4	1.972	37.790	1.96	39.00	0.61	-3.10	±5	2024/12/17
2600	22.3	2.023	38.408	1.96	39.00	3.21	-1.52	±5	2024/12/23
3500	22.3	2.905	37.987	2.91	37.90	-0.17	0.23	±5	2024/11/21
3500	22.6	2.894	37.931	2.91	37.90	-0.55	0.08	±5	2024/11/23
3500	22.5	2.920	38.065	2.91	37.90	0.34	0.44	±5	2024/11/23
3500	22.6	2.913	38.008	2.91	37.90	0.10	0.28	±5	2024/11/24
3500	22.4	2.905	37.932	2.91	37.90	-0.17	0.08	±5	2024/11/25

3500	22.4	2.895	37.842	2.91	37.90	-0.52	-0.15	±5	2024/11/26
3500	22.5	2.969	38.288	2.91	37.90	2.03	1.02	±5	2024/11/28
3500	22.5	2.87	37.478	2.91	37.90	-1.37	-1.11	±5	2024/11/28
3500	22.4	2.921	38.042	2.91	37.90	0.38	0.37	±5	2024/11/29
3500	22.6	2.896	37.909	2.91	37.90	-0.48	0.02	±5	2024/12/11
3500	22.6	2.842	37.783	2.91	37.90	-2.34	-0.31	±5	2024/12/18
3500	22.3	2.815	37.720	2.91	37.90	-3.26	-0.47	±5	2024/12/19
3700	22.5	3.125	37.839	3.12	37.70	0.16	0.37	±5	2024/11/23
3700	22.6	3.117	37.782	3.12	37.70	-0.10	0.22	±5	2024/11/24
3700	22.4	3.109	37.706	3.12	37.70	-0.35	0.02	±5	2024/11/25
3700	22.4	3.099	37.616	3.12	37.70	-0.67	-0.22	±5	2024/11/26
3700	22.5	3.181	38.086	3.12	37.70	1.96	1.02	±5	2024/11/28
3700	22.5	3.073	37.252	3.12	37.70	-1.51	-1.19	±5	2024/11/28
3700	22.6	3.075	37.593	3.12	37.70	-1.44	-0.28	±5	2024/12/2
3700	22.5	3.112	37.692	3.12	37.70	-0.26	-0.02	±5	2024/12/2
3700	22.3	3.063	37.537	3.12	37.70	-1.83	-0.43	±5	2024/12/3
3700	22.6	3.103	37.707	3.12	37.70	-0.54	0.02	±5	2024/12/11
3700	22.2	3.186	38.258	3.12	37.70	2.12	1.48	±5	2024/12/20
3700	22.6	3.133	37.982	3.12	37.70	0.42	0.75	±5	2024/12/24
3900	22.5	3.331	37.612	3.33	37.51	0.03	0.27	±5	2024/11/23
3900	22.6	3.322	37.554	3.33	37.51	-0.24	0.12	±5	2024/11/24
3900	22.4	3.314	37.478	3.33	37.51	-0.48	-0.09	±5	2024/11/25
3900	22.4	3.303	37.389	3.33	37.51	-0.81	-0.32	±5	2024/11/26
3900	22.5	3.393	37.898	3.33	37.51	1.89	1.03	±5	2024/11/28
3900	22.4	3.340	37.653	3.33	37.51	0.30	0.38	±5	2024/11/29
3900	22.5	3.287	37.407	3.33	37.51	-1.29	-0.27	±5	2024/11/30
3900	22.4	3.289	37.422	3.33	37.51	-1.23	-0.23	±5	2024/12/1
3900	22.6	3.311	37.519	3.33	37.51	-0.57	0.02	±5	2024/12/11
3900	22.4	3.380	37.985	3.33	37.51	1.50	1.27	±5	2024/12/21
3900	22.5	3.361	37.890	3.33	37.51	0.93	1.01	±5	2024/12/22
13	22.4	0.758	53.450	0.75	55.00	1.07	-2.82	±5	2024/11/22
2450	22.5	1.806	39.511	1.80	39.20	0.33	0.79	±5	2024/11/22
2450	22.7	1.801	39.430	1.80	39.20	0.06	0.59	±5	2024/12/1
2450	22.1	1.750	40.161	1.80	39.20	-2.78	2.45	±5	2024/12/7
2450	22.5	1.851	39.303	1.80	39.20	2.83	0.26	±5	2024/12/8
2450	22.4	1.786	39.479	1.80	39.20	-0.78	0.71	±5	2024/12/10
5250	22.5	4.585	36.298	4.71	35.95	-2.65	0.97	±5	2024/11/21
5250	22.2	4.793	36.650	4.71	35.95	1.76	1.95	±5	2024/12/3
5250	22.1	4.685	36.393	4.71	35.95	-0.53	1.23	±5	2024/12/7
5250	22.3	4.828	36.787	4.71	35.95	2.51	2.33	±5	2024/12/11
5600	22.5	4.920	34.508	5.07	35.50	-2.96	-2.79	±5	2024/11/20
5600	22.1	5.020	35.913	5.07	35.50	-0.99	1.16	±5	2024/12/7
5600	22.3	5.176	36.327	5.07	35.50	2.09	2.33	±5	2024/12/11
5800	22.5	5.119	34.567	5.27	35.30	-2.87	-2.08	±5	2024/11/21
5800	22.2	5.360	35.953	5.27	35.30	1.71	1.85	±5	2024/12/3
5800	22.1	5.244	35.676	5.27	35.30	-0.49	1.07	±5	2024/12/7
5800	22.3	5.399	36.090	5.27	35.30	2.45	2.24	±5	2024/12/11
6500	22.1	6.100	34.800	6.07	34.50	0.49	0.87	±5	2024/11/19

9.2 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-05	2024/11/15	750	50	D750V3-1107	EX3DV4 - SN7306	DAE4 Sn1326	0.432	8.540	8.64	1.17	0.291	5.570	5.82	4.49
SAR-05	2024/11/16	750	50	D750V3-1107	EX3DV4 - SN7306	DAE4 Sn1326	0.469	8.540	9.38	9.84	0.305	5.570	6.1	9.52
SAR-05	2024/11/17	750	50	D750V3-1107	EX3DV4 - SN7306	DAE4 Sn1326	0.413	8.540	8.26	-3.28	0.270	5.570	5.4	-3.05
SAR-03	2024/12/3	750	50	D750V3-1117	EX3DV4 - SN3642	DAE4 Sn1696	0.439	8.520	8.78	3.05	0.302	5.600	6.04	7.86
SAR-03	2024/12/4	750	50	D750V3-1117	EX3DV4 - SN3642	DAE4 Sn1696	0.436	8.520	8.72	2.35	0.299	5.600	5.98	6.79
SAR-05	2024/12/8	750	50	D750V3-1117	EX3DV4 - SN7306	DAE4 Sn1326	0.421	8.520	8.42	-1.17	0.282	5.600	5.64	0.71
SAR-05	2024/12/12	750	50	D750V3-1012	EX3DV4 - SN7306	DAE4 Sn1326	0.417	8.400	8.34	-0.71	0.281	5.410	5.62	3.88
SAR-05	2024/12/14	750	50	D750V3-1012	EX3DV4 - SN7306	DAE4 Sn1326	0.421	8.400	8.42	0.24	0.282	5.410	5.64	4.25
SAR-05	2024/11/18	835	50	D835V2-499	EX3DV4 - SN7306	DAE4 Sn1326	0.507	9.440	10.14	7.42	0.329	6.050	6.58	8.76
SAR-05	2024/11/19	835	50	D835V2-4d167	EX3DV4 - SN7306	DAE4 Sn1326	0.531	9.800	10.62	8.37	0.350	6.380	7	9.72
SAR-03	2024/11/27	835	50	D835V2-4d060	EX3DV4 - SN3642	DAE4 Sn1696	0.486	9.730	9.72	-0.10	0.323	6.390	6.46	1.10
SAR-03	2024/11/29	835	50	D835V2-4d060	EX3DV4 - SN3642	DAE4 Sn1696	0.495	9.730	9.9	1.75	0.326	6.390	6.52	2.03
SAR-03	2024/11/30	835	50	D835V2-4d060	EX3DV4 - SN3642	DAE4 Sn1696	0.486	9.730	9.72	-0.10	0.324	6.390	6.48	1.41
SAR-05	2024/12/8	835	50	D835V2-4d060	EX3DV4 - SN7306	DAE4 Sn1326	0.467	9.730	9.34	-4.01	0.310	6.390	6.2	-2.97
SAR-05	2024/12/13	835	50	D835V2-4d060	EX3DV4 - SN7306	DAE4 Sn1326	0.497	9.730	9.94	2.16	0.330	6.390	6.6	3.29
SAR-05	2024/11/20	1750	50	D1750V2-1068	EX3DV4 - SN7306	DAE4 Sn1326	1.880	36.700	37.6	2.45	1.000	19.300	20	3.63
SAR-03	2024/11/27	1750	50	D1750V2-1120	EX3DV4 - SN3642	DAE4 Sn1696	1.740	36.400	34.8	-4.40	0.927	19.100	18.54	-2.93
SAR-03	2024/12/1	1750	50	D1750V2-1120	EX3DV4 - SN3642	DAE4 Sn1696	1.760	36.400	35.2	-3.30	0.939	19.100	18.78	-1.68
SAR-05	2024/12/9	1750	50	D1750V2-1120	EX3DV4 - SN7306	DAE4 Sn1326	1.840	36.400	36.8	1.10	1.020	19.100	20.4	6.81
SAR-05	2024/12/15	1750	50	D1750V2-1120	EX3DV4 - SN7306	DAE4 Sn1326	1.840	36.400	36.8	1.10	1.000	19.100	20	4.71
SAR-05	2024/12/16	1750	50	D1750V2-1120	EX3DV4 - SN7306	DAE4 Sn1326	1.830	36.400	36.6	0.55	0.997	19.100	19.94	4.40
SAR-05	2024/11/22	1900	50	D1900V2-5d185	EX3DV4 - SN7306	DAE4 Sn1326	1.850	39.000	37	-5.13	0.983	20.400	19.66	-3.63
SAR-03	2024/11/27	1900	50	D1900V2-5d041	EX3DV4 - SN3642	DAE4 Sn1696	1.830	39.200	36.6	-6.63	0.967	20.700	19.34	-6.57
SAR-03	2024/11/28	1900	50	D1900V2-5d041	EX3DV4 - SN3642	DAE4 Sn1696	1.880	39.200	37.6	-4.08	0.990	20.700	19.8	-4.35
SAR-03	2024/12/2	1900	50	D1900V2-5d041	EX3DV4 - SN3642	DAE4 Sn1696	1.900	39.200	38	-3.06	1.000	20.700	20	-3.38
SAR-05	2024/12/9	1900	50	D1900V2-5d041	EX3DV4 - SN7306	DAE4 Sn1326	1.910	39.200	38.2	-2.55	1.010	20.700	20.2	-2.42
SAR-05	2024/12/15	1900	50	D1900V2-5d185	EX3DV4 - SN7306	DAE4 Sn1326	1.880	39.000	37.6	-3.59	0.999	20.400	19.98	-2.06
SAR-05	2024/11/25	2600	50	D2600V2-1078	EX3DV4 - SN7306	DAE4 Sn1326	2.500	55.400	50	-9.75	1.140	24.900	22.8	-8.43
SAR-05	2024/11/27	2600	50	D2600V2-1008	EX3DV4 - SN7306	DAE4 Sn1326	2.710	55.700	54.2	-2.69	1.300	25.300	26	2.77
SAR-03	2024/11/29	2600	50	D2600V2-1008	EX3DV4 - SN3642	DAE4 Sn1696	2.820	55.700	56.4	1.26	1.290	25.300	25.8	1.98
SAR-03	2024/11/30	2600	50	D2600V2-1008	EX3DV4 - SN3642	DAE4 Sn1696	2.840	55.700	56.8	1.97	1.290	25.300	25.8	1.98
SAR-03	2024/12/5	2600	50	D2600V2-1008	EX3DV4 - SN3642	DAE4 Sn1696	2.790	55.700	55.8	0.18	1.310	25.300	26.2	3.56
SAR-03	2024/12/6	2600	50	D2600V2-1008	EX3DV4 - SN3642	DAE4 Sn1512	2.710	55.700	54.2	-2.69	1.270	25.300	25.4	0.40
SAR-03	2024/12/7	2600	50	D2600V2-1008	EX3DV4 - SN3642	DAE4 Sn1512	2.660	55.700	53.2	-4.49	1.240	25.300	24.8	-1.98
SAR-05	2024/12/10	2600	50	D2600V2-1008	EX3DV4 - SN7306	DAE4 Sn1326	2.520	55.700	50.4	-9.52	1.150	25.300	23	-9.09
SAR-05	2024/12/17	2600	50	D2600V2-1078	EX3DV4 - SN7306	DAE4 Sn1326	2.520	55.400	50.4	-9.03	1.160	24.900	23.2	-6.83
SAR-05	2024/12/23	2600	50	D2600V2-1078	EX3DV4 - SN7306	DAE4 Sn1326	2.560	55.400	51.2	-7.58	1.170	24.900	23.4	-6.02
SAR-05	2024/11/21	3500	50	D3500V2-1036	EX3DV4 - SN7306	DAE4 Sn1326	3.440	67.400	68.8	2.08	1.340	25.100	26.8	6.77
SAR-05	2024/11/23	3500	50	D3500V2-1036	EX3DV4 - SN7306	DAE4 Sn1326	3.430	67.400	68.6	1.78	1.340	25.100	26.8	6.77
SAR-03	2024/11/23	3500	50	D3500V2-1036	EX3DV4 - SN3642	DAE4 Sn1696	3.190	67.400	63.8	-5.34	1.260	25.100	25.2	0.40
SAR-03	2024/11/24	3500	50	D3500V2-1036	EX3DV4 - SN3642	DAE4 Sn1696	3.150	67.400	63	-6.53	1.220	25.100	24.4	-2.79
SAR-03	2024/11/25	3500	50	D3500V2-1036	EX3DV4 - SN3642	DAE4 Sn1696	3.310	67.400	66.2	-1.78	1.280	25.100	25.6	1.99
SAR-03	2024/11/26	3500	50	D3500V2-1036	EX3DV4 - SN3642	DAE4 Sn1696	3.130	67.400	62.6	-7.12	1.210	25.100	24.2	-3.59
SAR-05	2024/11/28	3500	50	D3500V2-1036	EX3DV4 - SN7306	DAE4 Sn1326	3.510	67.400	70.2	4.15	1.380	25.100	27.6	9.96
SAR-03	2024/11/28	3500	50	D3500V2-1036	EX3DV4 - SN3642	DAE4 Sn1696	3.270	67.400	65.4	-2.97	1.260	25.100	25.2	0.40
SAR-05	2024/11/29	3500	50	D3500V2-1036	EX3DV4 - SN7306	DAE4 Sn1326	3.450	67.400	69	2.37	1.350	25.100	27	7.57
SAR-05	2024/12/11	3500	50	D3500V2-1036	EX3DV4 - SN7306	DAE4 Sn1326	3.460	67.400	69.2	2.67	1.350	25.100	27	7.57
SAR-05	2024/12/18	3500	50	D3500V2-1036	EX3DV4 - SN7306	DAE4 Sn1326	3.360	67.400	67.2	-0.30	1.310	25.100	26.2	4.38
SAR-05	2024/12/19	3500	50	D3500V2-1036	EX3DV4 - SN7306	DAE4 Sn1326	3.340	67.400	66.8	-0.89	1.300	25.100	26	3.59

SAR-03	2024/11/23	3700	50	D3700V2-1006	EX3DV4 - SN3642	DAE4 Sn1696	3.330	65.600	66.6	1.52	1.250	23.700	25	5.49
SAR-03	2024/11/24	3700	50	D3700V2-1006	EX3DV4 - SN3642	DAE4 Sn1696	3.410	65.600	68.2	3.96	1.250	23.700	25	5.49
SAR-03	2024/11/25	3700	100	D3700V2-1006	EX3DV4 - SN3642	DAE4 Sn1696	6.680	65.600	66.8	1.83	2.430	23.700	24.3	2.53
SAR-03	2024/11/26	3700	50	D3700V2-1006	EX3DV4 - SN3642	DAE4 Sn1696	3.390	65.600	67.8	3.35	1.240	23.700	24.8	4.64
SAR-05	2024/11/28	3700	50	D3700V2-1006	EX3DV4 - SN7306	DAE4 Sn1326	3.350	65.600	67	2.13	1.270	23.700	25.4	7.17
SAR-03	2024/11/28	3700	50	D3700V2-1006	EX3DV4 - SN3642	DAE4 Sn1696	3.360	65.600	67.2	2.44	1.230	23.700	24.6	3.80
SAR-05	2024/12/2	3700	50	D3700V2-1006	EX3DV4 - SN7306	DAE4 Sn1326	3.230	65.600	64.6	-1.52	1.220	23.700	24.4	2.95
SAR-03	2024/12/2	3700	50	D3700V2-1006	EX3DV4 - SN3642	DAE4 Sn1696	3.400	65.600	68	3.66	1.250	23.700	25	5.49
SAR-05	2024/12/3	3700	50	D3700V2-1006	EX3DV4 - SN7306	DAE4 Sn1326	3.220	65.600	64.4	-1.83	1.220	23.700	24.4	2.95
SAR-05	2024/12/11	3700	50	D3700V2-1006	EX3DV4 - SN7306	DAE4 Sn1326	3.200	65.600	64	-2.44	1.210	23.700	24.2	2.11
SAR-05	2024/12/20	3700	50	D3700V2-1006	EX3DV4 - SN7306	DAE4 Sn1326	3.310	65.600	66.2	0.91	1.260	23.700	25.2	6.33
SAR-05	2024/12/24	3700	50	D3700V2-1006	EX3DV4 - SN7306	DAE4 Sn1326	3.290	65.600	65.8	0.30	1.250	23.700	25	5.49
SAR-03	2024/11/23	3900	50	D3900V2-1092	EX3DV4 - SN3642	DAE4 Sn1696	3.240	67.000	64.8	-3.28	1.160	23.200	23.2	0.00
SAR-03	2024/11/24	3900	50	D3900V2-1092	EX3DV4 - SN3642	DAE4 Sn1696	3.170	67.000	63.4	-5.37	1.120	23.200	22.4	-3.45
SAR-03	2024/11/25	3900	50	D3900V2-1092	EX3DV4 - SN3642	DAE4 Sn1696	3.110	67.000	62.2	-7.16	1.090	23.200	21.8	-6.03
SAR-03	2024/11/26	3900	50	D3900V2-1092	EX3DV4 - SN3642	DAE4 Sn1696	3.150	67.000	63	-5.97	1.120	23.200	22.4	-3.45
SAR-05	2024/11/28	3900	50	D3900V2-1017	EX3DV4 - SN7306	DAE4 Sn1326	3.300	68.700	66	-3.93	1.190	23.900	23.8	-0.42
SAR-05	2024/11/29	3900	50	D3900V2-1017	EX3DV4 - SN7306	DAE4 Sn1326	3.250	68.700	65	-5.39	1.180	23.900	23.6	-1.26
SAR-05	2024/11/30	3900	50	D3900V2-1017	EX3DV4 - SN7306	DAE4 Sn1326	3.200	68.700	64	-6.84	1.150	23.900	23	-3.77
SAR-05	2024/12/1	3900	50	D3900V2-1017	EX3DV4 - SN7306	DAE4 Sn1326	3.200	68.700	64	-6.84	1.160	23.900	23.2	-2.93
SAR-05	2024/12/11	3900	50	D3900V2-1017	EX3DV4 - SN7306	DAE4 Sn1326	3.240	68.700	64.8	-5.68	1.170	23.900	23.4	-2.09
SAR-05	2024/12/21	3900	50	D3900V2-1017	EX3DV4 - SN7306	DAE4 Sn1326	3.280	68.700	65.6	-4.51	1.190	23.900	23.8	-0.42
SAR-05	2024/12/22	3900	50	D3900V2-1017	EX3DV4 - SN7306	DAE4 Sn1326	3.250	68.700	65	-5.39	1.180	23.900	23.6	-1.26
SAR-03	2024/11/22	13	100	CLA13-1011	EX3DV4 - SN3642	DAE4 Sn1512	0.050	0.544	0.5	-7.41	0.031	0.340	0.31	-8.82

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-03	2024/11/22	2450	50	D2450V2-736	EX3DV4 - SN3642	DAE4 Sn1512	2.470	51.400	49.4	-3.89	1.210	24.200	24.2	0.00
SAR-03	2024/12/1	2450	50	D2450V2-736	EX3DV4 - SN3642	DAE4 Sn1512	2.390	51.400	47.8	-7.00	1.160	24.200	23.2	-4.13
SAR-03	2024/12/7	2450	50	D2450V2-736	EX3DV4 - SN3642	DAE4 Sn1512	2.330	51.400	46.6	-9.34	1.130	24.200	22.6	-6.61
SAR-03	2024/12/8	2450	50	D2450V2-736	EX3DV4 - SN3642	DAE4 Sn1512	2.530	51.400	50.6	-1.56	1.240	24.200	24.8	2.48
SAR-03	2024/12/10	2450	50	D2450V2-736	EX3DV4 - SN3642	DAE4 Sn1512	2.370	51.400	47.4	-7.78	1.150	24.200	23	-4.96
SAR-03	2024/11/21	5250	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	4.200	78.700	84	6.73	1.220	22.700	24.4	7.49
SAR-03	2024/12/3	5250	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	4.180	78.700	83.6	6.23	1.200	22.700	24	5.73
SAR-03	2024/12/7	5250	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	4.090	78.700	81.8	3.94	1.170	22.700	23.4	3.08
SAR-03	2024/12/11	5250	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	4.220	78.700	84.4	7.24	1.210	22.700	24.2	6.61
SAR-03	2024/11/20	5600	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	3.750	81.400	75	-7.86	1.110	23.400	22.2	-5.13
SAR-03	2024/12/7	5600	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	4.430	81.400	88.6	8.85	1.250	23.400	25	6.84
SAR-03	2024/12/11	5600	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	3.950	81.400	79	-2.95	1.160	23.400	23.2	-0.85
SAR-03	2024/11/21	5800	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	3.900	78.900	78	-1.14	1.140	22.400	22.8	1.79
SAR-03	2024/12/3	5800	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	4.080	78.900	81.6	3.42	1.190	22.400	23.8	6.25
SAR-03	2024/12/7	5800	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	3.990	78.900	79.8	1.14	1.160	22.400	23.2	3.57
SAR-03	2024/12/11	5800	50	D5GHzV2-1171	EX3DV4 - SN3642	DAE4 Sn1512	4.110	78.900	82.2	4.18	1.200	22.400	24	7.14
SAR-10	2024/11/19	6500	100	D6.5GHzV2-1003	EX3DV4 - SN3642	DAE4 Sn1512	27.000	293.000	270	-7.85	4.970	53.800	49.7	-7.62

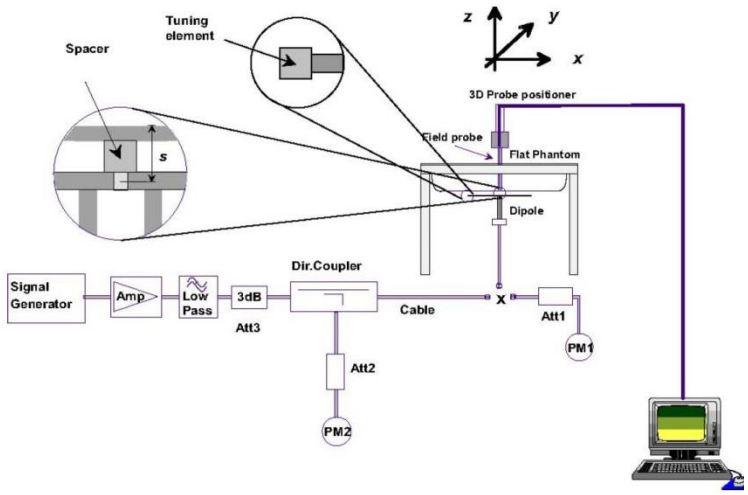


Fig 8.3.1 System Performance Check Setup

Fig 8.3.2 Setup Photo

9.3 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 Location	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
SAR01	10G	10GHz_1020	SN9424	DAE Sn854	10mm	55.7	55.8	-0.01	2024/11/24

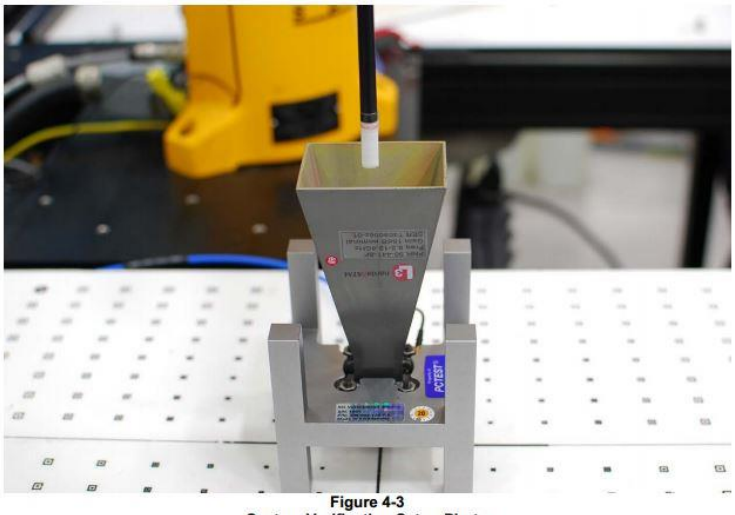


Figure 4-3
System Verification Setup Photo

System Performance Check Setup

10. RF Exposure Positions

10.1 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.

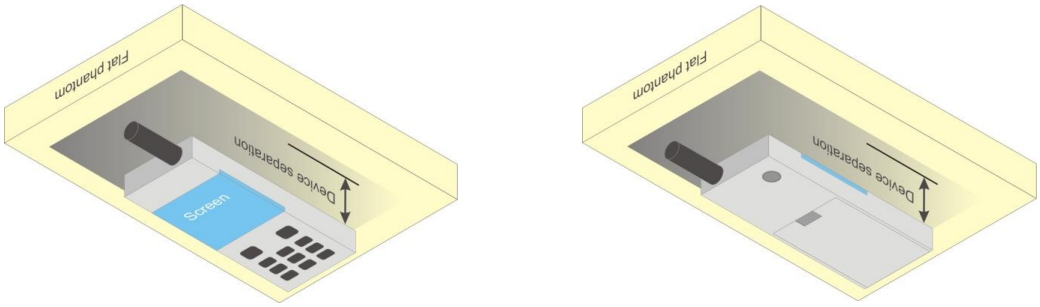


Fig 9.4 Body Worn Position

10.2 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.

10.3 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.

11. UL carrier aggregation

<LTE Uplink carrier aggregation>

Number	Combination
1	2C
2	5B
3	7C
4	38C
5	41C
6	41D
7	66B
8	66C

<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. The device supports 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 the 3GPP requirement.

iii. 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.

iv. 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.

DSI 0

CA_2C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
18700	18898	QPSK	1	0	0	0	1	0	25.18	25.7
18900	18702	QPSK	1	0	0	0	1	0	25.32	25.7
19100	18902	QPSK	1	0	0	0	1	0	25.25	25.7

CA_5B_Ant 1										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	25.21	25.7
20475	20574	QPSK	1	49	1	0	2	0	25.3	25.7
20600	20501	QPSK	1	0	1	49	2	0	25.22	25.7

CA_7C_Ant 5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	25.21	25.7
21100	20902	QPSK	1	0	1	99	2	0	25.31	25.7
21350	21152	QPSK	1	0	1	99	2	0	25.23	25.7

CA_66B_Ant 1										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	0	0	0	1	0	25.25	25.7
132322	132229	QPSK	1	0	1	24	2	0	25.33	25.7
132597	132504	QPSK	1	0	1	24	2	0	25.28	25.7

CA_66C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	25.3	25.7
132322	132124	QPSK	1	0	1	99	2	0	25.31	25.7
132572	132374	QPSK	1	0	1	99	2	0	25.23	25.7

CA_38C_Ant 5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	24.11	25
37901	38099	QPSK	1	0	0	0	1	0	24.11	25
38150	37952	QPSK	1	0	1	99	2	0	24.08	25

CA_41C_Ant 5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.12	25
40185	39987	QPSK	1	0	1	99	2	0	24.15	25
40620	40422	QPSK	1	0	1	99	2	0	24.52	25
41055	40857	QPSK	1	0	1	99	2	0	24.46	25
41490	41292	QPSK	1	0	1	99	2	0	24.28	25

CA_41D_Ant 5														
Combination 20MHz+20MHz+20MHz (100RB+100RB+100RB)														
PCC Channel	SCC Channel	SCC Channel	Modulation	PCC		SCC2		SCC3		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
				RB Size	RB offset	RB Size	RB offset	RB Size	RB offset				
39750	39948	40146	QPSK	1	0	0	0	0	0	1	0	24.22	25
40185	39987	39789	QPSK	1	0	1	99	1	99	3	0	24.13	25
40620	40422	40224	QPSK	1	0	1	99	1	99	3	0	24.42	25
41055	40857	40659	QPSK	1	0	1	99	1	99	3	0	24.35	25
41490	41292	41094	QPSK	1	0	1	99	1	99	3	0	24.25	25

DSI 1 (WLAN OFF)

CA_2C_Ant 1									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
18700	18898	QPSK	1	0	0	0	1	0	24.38	24.7
18900	18702	QPSK	1	0	0	0	1	0	24.33	24.7
19100	18902	QPSK	1	0	0	0	1	0	24.34	24.7

CA_5B_Ant 1									
Combination 10MHz+10MHz (50RB+50RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	25.21	25.7
20475	20574	QPSK	1	49	1	0	2	0	25.3	25.7
20600	20501	QPSK	1	0	1	49	2	0	25.22	25.7

CA_7C_Ant 5									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	25.21	25.7
21100	20902	QPSK	1	0	1	99	2	0	25.31	25.7
21350	21152	QPSK	1	0	1	99	2	0	25.23	25.7

CA_66B_Ant 1									
Combination 15MHz+5MHz (75RB+25RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	0	0	0	1	0	22.23	22.6
132322	132229	QPSK	1	0	1	24	2	0	22.24	22.6
132597	132504	QPSK	1	0	1	24	2	0	22.17	22.6

CA_66C_Ant 1									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	22.21	22.6
132322	132124	QPSK	1	0	1	99	2	0	22.23	22.6
132572	132374	QPSK	1	0	1	99	2	0	22.08	22.6

CA_38C_Ant 5									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	24.11	25
37901	38099	QPSK	1	0	0	0	1	0	24.11	25
38150	37952	QPSK	1	0	1	99	2	0	24.08	25

CA_41C_Ant 5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	24.12	25
40185	39987	QPSK	1	0	1	99	2	0	24.15	25
40620	40422	QPSK	1	0	1	99	2	0	24.52	25
41055	40857	QPSK	1	0	1	99	2	0	24.46	25
41490	41292	QPSK	1	0	1	99	2	0	24.28	25

CA_41D_Ant 5												
Combination 20MHz+20MHz+20MHz (100RB+100RB+100RB)												
PCC Channel	SCC Channel	SCC Channel	Modulation	PCC		SCC2		SCC3		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
				RB Size	RB offset	RB Size	RB offset	RB Size	RB offset				
39750	39948	40146	QPSK	1	0	0	0	0	0	1	0	24.22	25
40185	39987	39789	QPSK	1	0	1	99	1	99	3	0	24.13	25
40620	40422	40224	QPSK	1	0	1	99	1	99	3	0	24.42	25
41055	40857	40659	QPSK	1	0	1	99	1	99	3	0	24.35	25
41490	41292	41094	QPSK	1	0	1	99	1	99	3	0	24.25	25

DSI 3

CA_2C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
18700	18898	QPSK	1	0	0	0	1	0	21.58	22
18900	18702	QPSK	1	0	0	0	1	0	21.43	22
19100	18902	QPSK	1	0	0	0	1	0	21.42	22

CA_5B_Ant 1										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	0	0	0	1	0	23.1	23.5
20475	20574	QPSK	1	49	1	0	2	0	23.13	23.5
20600	20501	QPSK	1	0	1	49	2	0	23.05	23.5

CA_7C_Ant 5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	21.63	22.5
21100	20902	QPSK	1	0	1	99	2	0	22	22.5
21350	21152	QPSK	1	0	1	99	2	0	21.92	22.5

CA_66B_Ant 1										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	0	0	0	1	0	20.22	20.6
132322	132229	QPSK	1	0	1	24	2	0	20.35	20.6
132597	132504	QPSK	1	0	1	24	2	0	20.3	20.6

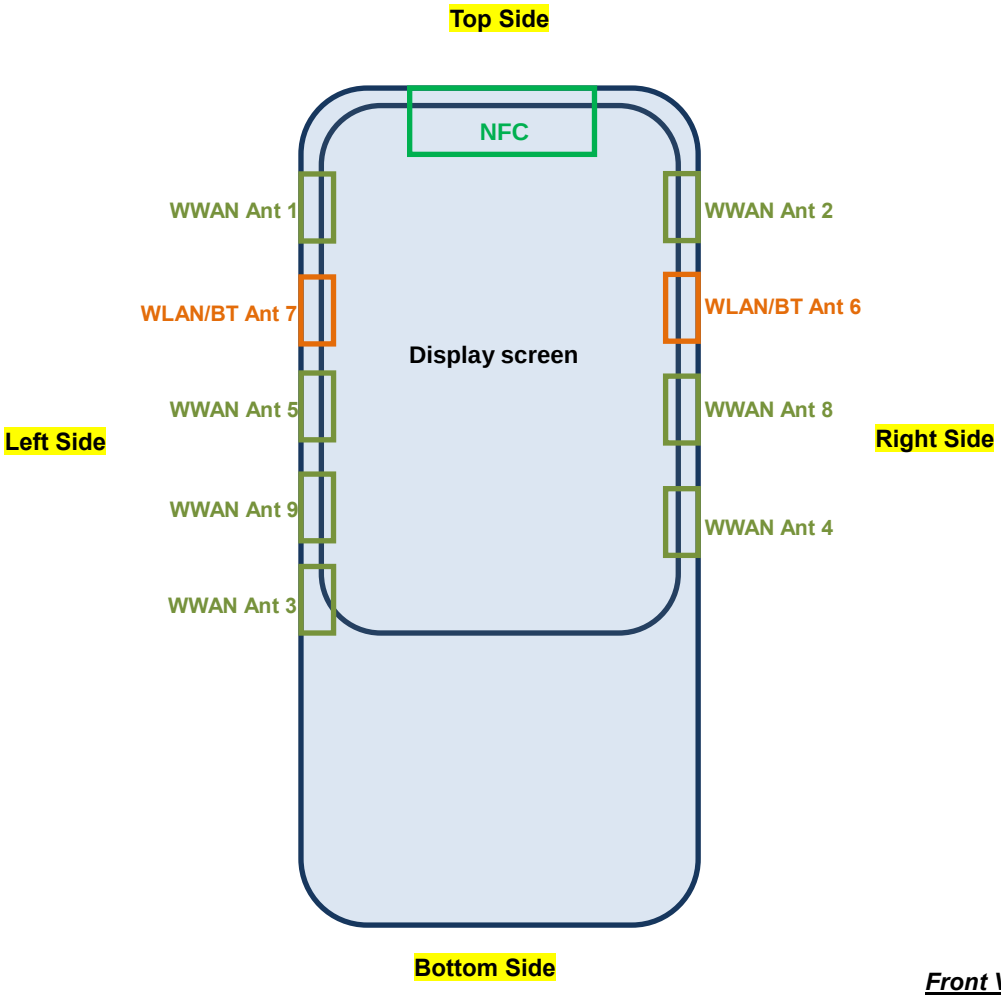
CA_66C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	0	0	0	1	0	20.15	20.6
132322	132124	QPSK	1	0	1	99	2	0	20.23	20.6
132572	132374	QPSK	1	0	1	99	2	0	20.11	20.6

CA_38C_Ant 5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	22.55	23.5
37901	38099	QPSK	1	0	0	0	1	0	22.58	23.5
38150	37952	QPSK	1	0	1	99	2	0	22.66	23.5

CA_41C_Ant 5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	0	0	0	1	0	22.23	23.5
40185	39987	QPSK	1	0	1	99	2	0	22.39	23.5
40620	40422	QPSK	1	0	1	99	2	0	22.56	23.5
41055	40857	QPSK	1	0	1	99	2	0	22.43	23.5
41490	41292	QPSK	1	0	1	99	2	0	22.35	23.5

CA_41D_Ant 5												
Combination 20MHz+20MHz+20MHz (100RB+100RB+100RB)												
PCC Channel	SCC Channel	SCC Channel	Modulation	PCC		SCC2		SCC3		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
				RB Size	RB offset	RB Size	RB offset	RB Size	RB offset				
39750	39948	40146	QPSK	1	0	0	0	0	0	1	0	22.15	23.5
40185	39987	39789	QPSK	1	0	1	99	1	99	3	0	22.33	23.5
40620	40422	40224	QPSK	1	0	1	99	1	99	3	0	22.62	23.5
41055	40857	40659	QPSK	1	0	1	99	1	99	3	0	22.46	23.5
41490	41292	41094	QPSK	1	0	1	99	1	99	3	0	22.43	23.5

12. Antenna Location



Front View

Distance of the Antenna to the EUT surface/edge						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
WWAN Ant 1	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	> 25mm	≤ 25mm
WWAN Ant 2	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	> 25mm
WWAN Ant 3	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	> 25mm	≤ 25mm
WWAN Ant 4	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	> 25mm
WWAN Ant 5	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	> 25mm	≤ 25mm
WWAN Ant 8	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	≤ 25mm	> 25mm
WWAN Ant 9	≤ 25mm	≤ 25mm	≤ 25mm	> 25mm	> 25mm	≤ 25mm
BT&WLAN Ant 6	≤ 25mm	≤ 25mm	> 25mm	> 25mm	≤ 25mm	> 25mm
BT&WLAN Ant 7	≤ 25mm	≤ 25mm	> 25mm	> 25mm	> 25mm	≤ 25mm

Positions for SAR tests; Hotspot mode						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
WWAN Ant 1	Yes	Yes	Yes	No	No	Yes
WWAN Ant 2	Yes	Yes	Yes	No	Yes	No
WWAN Ant 3	Yes	Yes	Yes	No	No	Yes
WWAN Ant 4	Yes	Yes	Yes	No	Yes	No
WWAN Ant 5	Yes	Yes	Yes	No	No	Yes
WWAN Ant 8	Yes	Yes	Yes	No	Yes	No
WWAN Ant 9	Yes	Yes	Yes	No	No	Yes
BT&WLAN Ant 6	Yes	Yes	No	No	Yes	No
BT&WLAN Ant 7	Yes	Yes	No	No	No	Yes

General Note:
Referring to KDB 941225 D06 v02r01, when the overall device length and width are ≥ 9cm*5cm, the test distance is 10 mm. SAR must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge.

13. 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. 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.
6. When the WiFi is on or off, the device WWAN operation will limit different output power, the RF Exposure evaluation was used higher power level perform and assessment Sim-Tx analysis, if some exposure position does not meet simultaneous transmission requirement, additional SAR at lower power level to meet Sim-Tx compliance.
7. When the WWAN is on or off, the device WLAN operation will limit different output power, the RF Exposure evaluation was used higher power level perform and assessment Sim-Tx analysis, if some exposure position does not meet simultaneous transmission requirement, additional SAR at lower power level to meet Sim-Tx compliance.
8. The device support DBS mode (Dual band simultaneous) for WLAN operation, for RF Exposure was performed at non-DBS power level to do DBS Sim-Tx analysis, if some exposure position does not meet simultaneous transmission requirement additional SAR at DBS power level to meet Sim-Tx compliance.

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 / DC-HSDPA 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 / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA, and according to the following RF output power, the output power results of the secondary modes (HSUPA, HSDPA, DC-HSDPA) are less than ¼ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA.

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 4/5/17/38 SAR test was covered by Band 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/n12/n41/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. The NR n5/38/77 SAR test was covered by NR n26/41/78; due to SAR test for overlapping NR bands can be reduced if the maximum power including tolerance, for the smaller band is ≤ the larger band to qualify for the SAR test exclusion and the channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band.
   g. Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. And only for TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission.

WLAN Note:

1. Per KDB 248227 D01v02r02, for 2.4GHz 802.11g/n SAR testing is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
2. Per KDB 248227 D01v02r02, WLAN5.2GHz SAR testing is not required 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.
3. 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.
4. 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.
5. 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.
6. Additional SISO operation for 2.4GHz WLAN is performed Sim-Tx analysis.
7. 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 evaluate incident PD using the mmw near-field probe and total-field/power-density reconstruction method.
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 section 14.
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 was evaluated for extremity based on hand usage conditions.
2. NFC 13.56MHz antenna port is not available on the device to support conducted power measurement, therefore the measured results are referred to as reported SAR.
3. NFC SAR test tissue-simulating liquid parameter: refer to IEC/IEEE 62209-1528 2020.

13.1 Hotspot SAR

<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 1	RMC 12.2Kbps	Front	10mm	Brick	DSI 3	9538	1907.6	SKU12	Battery1	20.35	21.00	1.161	0.08	0.035	0.041
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	10mm	Brick	DSI 3	9538	1907.6	SKU12	Battery1	20.35	21.00	1.161	0.01	0.264	0.307
01	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	9538	1907.6	SKU12	Battery1	20.35	21.00	1.161	0.05	0.355	0.412
	WCDMA II_Ant 1	RMC 12.2Kbps	Top Side	10mm	Brick	DSI 3	9538	1907.6	SKU12	Battery1	20.35	21.00	1.161	0.03	0.040	0.046
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	9538	1907.6	SKU12	Battery2	20.35	21.00	1.161	0.08	0.345	0.401
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	9538	1907.6	SKU12	Battery3	20.35	21.00	1.161	0.01	0.348	0.404
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	9538	1907.6	SKU4	Battery4	20.35	21.00	1.161	0.1	0.350	0.407
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	10mm	Gun	DSI 3	9538	1907.6	SKU7	Battery1	20.35	21.00	1.161	0.1	0.033	0.038
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	9538	1907.6	SKU7	Battery1	20.35	21.00	1.161	-0.18	0.329	0.382
	WCDMA II_Ant 1	RMC 12.2Kbps	Top Side	10mm	Gun	DSI 3	9538	1907.6	SKU7	Battery1	20.35	21.00	1.161	-0.03	0.034	0.039
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	9538	1907.6	SKU1	Battery2	20.35	21.00	1.161	0.14	0.287	0.333
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	9538	1907.6	SKU2	Battery3	20.35	21.00	1.161	0.11	0.307	0.357
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	9538	1907.6	SKU5	Battery4	20.35	21.00	1.161	-0.05	0.282	0.328
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	10mm	Brick	DSI 3	1513	1752.6	SKU12	Battery1	20.07	20.50	1.104	0.14	0.031	0.034
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	10mm	Brick	DSI 3	1513	1752.6	SKU12	Battery1	20.07	20.50	1.104	-0.17	0.252	0.278
02	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	1513	1752.6	SKU12	Battery1	20.07	20.50	1.104	0.05	0.366	0.404
	WCDMA IV_Ant 1	RMC 12.2Kbps	Top Side	10mm	Brick	DSI 3	1513	1752.6	SKU12	Battery1	20.07	20.50	1.104	-0.05	0.036	0.040
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	1513	1752.6	SKU12	Battery2	20.07	20.50	1.104	0.06	0.361	0.399
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	1513	1752.6	SKU12	Battery3	20.07	20.50	1.104	-0.13	0.358	0.395
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	1513	1752.6	SKU4	Battery4	20.07	20.50	1.104	-0.17	0.357	0.394
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	10mm	Gun	DSI 3	1513	1752.6	SKU7	Battery1	20.07	20.50	1.104	-0.01	0.032	0.035
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	1513	1752.6	SKU7	Battery1	20.07	20.50	1.104	-0.09	0.335	0.370
	WCDMA IV_Ant 1	RMC 12.2Kbps	Top Side	10mm	Gun	DSI 3	1513	1752.6	SKU7	Battery1	20.07	20.50	1.104	-0.12	0.076	0.084
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	1513	1752.6	SKU1	Battery2	20.07	20.50	1.104	-0.08	0.309	0.341
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	1513	1752.6	SKU2	Battery3	20.07	20.50	1.104	0.13	0.301	0.332
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	1513	1752.6	SKU5	Battery4	20.07	20.50	1.104	0.12	0.268	0.296
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	10mm	Brick	DSI 3	4182	836.4	SKU12	Battery1	22.29	23.00	1.178	0.03	0.074	0.087
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	10mm	Brick	DSI 3	4182	836.4	SKU12	Battery1	22.29	23.00	1.178	0.18	0.205	0.241
03	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	4182	836.4	SKU12	Battery1	22.29	23.00	1.178	0.04	0.268	0.316
	WCDMA V_Ant 1	RMC 12.2Kbps	Top Side	10mm	Brick	DSI 3	4182	836.4	SKU12	Battery1	22.29	23.00	1.178	-0.1	0.048	0.057
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	4182	836.4	SKU12	Battery2	22.29	23.00	1.178	0.02	0.264	0.311
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	4182	836.4	SKU12	Battery3	22.29	23.00	1.178	0.19	0.261	0.307
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	Brick	DSI 3	4182	836.4	SKU4	Battery4	22.29	23.00	1.178	-0.1	0.264	0.311
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	10mm	Gun	DSI 3	4182	836.4	SKU7	Battery1	22.29	23.00	1.178	-0.15	0.120	0.141
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	4182	836.4	SKU7	Battery1	22.29	23.00	1.178	0.16	0.220	0.259
	WCDMA V_Ant 1	RMC 12.2Kbps	Top Side	10mm	Gun	DSI 3	4182	836.4	SKU7	Battery1	22.29	23.00	1.178	0.03	0.078	0.092
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	4182	836.4	SKU1	Battery2	22.29	23.00	1.178	-0.15	0.218	0.257
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	4182	836.4	SKU2	Battery3	22.29	23.00	1.178	-0.13	0.202	0.238
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	10mm	Gun	DSI 3	4182	836.4	SKU5	Battery4	22.29	23.00	1.178	0.11	0.181	0.213

<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 2_Ant 1	20M	QPSK	1	0	Front	10mm	Brick	DSI 3	18700	1860	SKU12	Battery1	21.63	22.00	1.089	-0.17	0.039	0.042
	LTE Band 2_Ant 1	20M	QPSK	50	0	Front	10mm	Brick	DSI 3	18700	1860	SKU12	Battery1	20.61	21.00	1.094	0.03	0.030	0.033
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	10mm	Brick	DSI 3	18700	1860	SKU12	Battery1	21.63	22.00	1.089	-0.08	0.329	0.358
	LTE Band 2_Ant 1	20M	QPSK	50	0	Back	10mm	Brick	DSI 3	18700	1860	SKU12	Battery1	20.61	21.00	1.094	-0.08	0.251	0.275
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	18700	1860	SKU12	Battery1	21.63	22.00	1.089	-0.04	0.453	0.493
	LTE Band 2_Ant 1	20M	QPSK	50	0	Left Side	10mm	Brick	DSI 3	18700	1860	SKU12	Battery1	20.61	21.00	1.094	-0.08	0.345	0.377
	LTE Band 2_Ant 1	20M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	18700	1860	SKU12	Battery1	21.63	22.00	1.089	0.18	0.066	0.072
	LTE Band 2_Ant 1	20M	QPSK	50	0	Top Side	10mm	Brick	DSI 3	18700	1860	SKU12	Battery1	20.61	21.00	1.094	0.1	0.050	0.055
	LTE Band 2C_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	18700+18898	1860	SKU12	Battery1	21.58	22.00	1.102	0.11	0.418	0.460
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	18700	1860	SKU12	Battery2	21.63	22.00	1.089	0.06	0.450	0.490
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	18700	1860	SKU12	Battery3	21.63	22.00	1.089	0.12	0.448	0.488
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	18700	1860	SKU4	Battery4	21.63	22.00	1.089	-0.04	0.395	0.430
	LTE Band 2_Ant 1	20M	QPSK	1	0	Front	10mm	Gun	DSI 3	18700	1860	SKU7	Battery1	21.63	22.00	1.089	-0.13	0.041	0.045
	LTE Band 2_Ant 1	20M	QPSK	50	0	Front	10mm	Gun	DSI 3	18700	1860	SKU7	Battery1	20.61	21.00	1.094	0.12	0.028	0.031
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	18700	1860	SKU7	Battery1	21.63	22.00	1.089	0.11	0.443	0.482
	LTE Band 2_Ant 1	20M	QPSK	50	0	Left Side	10mm	Gun	DSI 3	18700	1860	SKU7	Battery1	20.61	21.00	1.094	0.08	0.342	0.374
	LTE Band 2_Ant 1	20M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	18700	1860	SKU7	Battery1	21.63	22.00	1.089	-0.03	0.060	0.065
	LTE Band 2_Ant 1	20M	QPSK	50	0	Top Side	10mm	Gun	DSI 3	18700	1860	SKU7	Battery1	20.61	21.00	1.094	-0.17	0.046	0.051
	LTE Band 2C_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	18700+18898	1860	SKU7	Battery1	21.58	22.00	1.102	0.18	0.421	0.464
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	18700	1860	SKU1	Battery2	21.63	22.00	1.089	0.08	0.445	0.485
04	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	18700	1860	SKU2	Battery3	21.63	22.00	1.089	-0.17	0.525	0.572
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	18700	1860	SKU5	Battery4	21.63	22.00	1.089	-0.07	0.425	0.463
	LTE Band 7_Ant 5	20M	QPSK	1	0	Front	10mm	Brick	DSI 3	21100	2535	SKU12	Battery1	21.97	22.50	1.130	-0.11	0.100	0.113
	LTE Band 7_Ant 5	20M	QPSK	50	0	Front	10mm	Brick	DSI 3	21100	2535	SKU12	Battery1	21.02	21.50	1.117	-0.03	0.075	0.084
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	10mm	Brick	DSI 3	21100	2535	SKU12	Battery1	21.97	22.50	1.130	-0.12	0.168	0.190
	LTE Band 7_Ant 5	20M	QPSK	50	0	Back	10mm	Brick	DSI 3	21100	2535	SKU12	Battery1	21.02	21.50	1.117	0.14	0.133	0.149
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	21100	2535	SKU12	Battery1	21.97	22.50	1.130	0.03	0.431	0.487
	LTE Band 7_Ant 5	20M	QPSK	50	0	Left Side	10mm	Brick	DSI 3	21100	2535	SKU12	Battery1	21.02	21.50	1.117	0.11	0.341	0.381
	LTE Band 7_Ant 5	20M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	21100	2535	SKU12	Battery1	21.97	22.50	1.130	0.15	0.050	0.056
	LTE Band 7_Ant 5	20M	QPSK	50	0	Top Side	10mm	Brick	DSI 3	21100	2535	SKU12	Battery1	21.02	21.50	1.117	-0.05	0.040	0.045
	LTE Band 7C_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	21100+20902	2535	SKU12	Battery1	22.00	22.50	1.122	0.13	0.415	0.466
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	21100	2535	SKU12	Battery2	21.97	22.50	1.130	0.14	0.428	0.484
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	21100	2535	SKU12	Battery3	21.97	22.50	1.130	-0.15	0.430	0.486
05	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	21100	2535	SKU4	Battery4	21.97	22.50	1.130	-0.02	0.507	0.573
	LTE Band 7_Ant 5	20M	QPSK	1	0	Front	10mm	Gun	DSI 3	21100	2535	SKU7	Battery1	21.97	22.50	1.130	-0.05	0.095	0.107
	LTE Band 7_Ant 5	20M	QPSK	50	0	Front	10mm	Gun	DSI 3	21100	2535	SKU7	Battery1	21.02	21.50	1.117	0.18	0.075	0.084
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	21100	2535	SKU7	Battery1	21.97	22.50	1.130	-0.08	0.358	0.404
	LTE Band 7_Ant 5	20M	QPSK	50	0	Left Side	10mm	Gun	DSI 3	21100	2535	SKU7	Battery1	21.02	21.50	1.117	0.14	0.283	0.316
	LTE Band 7_Ant 5	20M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	21100	2535	SKU7	Battery1	21.97	22.50	1.130	0.05	0.043	0.049
	LTE Band 7_Ant 5	20M	QPSK	50	0	Top Side	10mm	Gun	DSI 3	21100	2535	SKU7	Battery1	21.02	21.50	1.117	-0.17	0.034	0.038
	LTE Band 7C_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	21100+20902	2535	SKU7	Battery1	22.00	22.50	1.122	0.1	0.322	0.361
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	21100	2535	SKU1	Battery2	21.97	22.50	1.130	-0.03	0.312	0.352
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	21100	2535	SKU2	Battery3	21.97	22.50	1.130	-0.15	0.389	0.439
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	21100	2535	SKU5	Battery4	21.97	22.50	1.130	-0.15	0.408	0.461

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 1	10M	QPSK	1	0	Front	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery1	25.53	25.70	1.040	0.16	0.118	0.123
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery1	24.58	24.70	1.028	0.17	0.118	0.121
06	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery1	25.53	25.70	1.040	-0.19	0.240	0.250
	LTE Band 12_Ant 1	10M	QPSK	25	0	Back	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery1	24.58	24.70	1.028	-0.05	0.189	0.194
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery1	25.53	25.70	1.040	-0.18	0.161	0.167
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Side	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery1	24.58	24.70	1.028	0.01	0.127	0.131
	LTE Band 12_Ant 1	10M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery1	25.53	25.70	1.040	0.02	0.103	0.107
	LTE Band 12_Ant 1	10M	QPSK	25	0	Top Side	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery1	24.58	24.70	1.028	0.1	0.080	0.082
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery2	25.53	25.70	1.040	-0.17	0.235	0.244
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	10mm	Brick	DSI 3	23095	707.5	SKU12	Battery3	25.53	25.70	1.040	0.04	0.238	0.248
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	10mm	Brick	DSI 3	23095	707.5	SKU4	Battery4	25.53	25.70	1.040	0.16	0.237	0.246
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	10mm	Gun	DSI 3	23095	707.5	SKU7	Battery1	25.53	25.70	1.040	0.07	0.143	0.149
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	10mm	Gun	DSI 3	23095	707.5	SKU7	Battery1	24.58	24.70	1.028	-0.01	0.110	0.113
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	23095	707.5	SKU7	Battery1	25.53	25.70	1.040	-0.02	0.212	0.220
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Side	10mm	Gun	DSI 3	23095	707.5	SKU7	Battery1	24.58	24.70	1.028	-0.08	0.165	0.170
	LTE Band 12_Ant 1	10M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	23095	707.5	SKU7	Battery1	25.53	25.70	1.040	0.01	0.115	0.120
	LTE Band 12_Ant 1	10M	QPSK	25	0	Top Side	10mm	Gun	DSI 3	23095	707.5	SKU7	Battery1	24.58	24.70	1.028	0.05	0.091	0.094
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	23095	707.5	SKU1	Battery2	25.53	25.70	1.040	-0.01	0.172	0.179
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	23095	707.5	SKU2	Battery3	25.53	25.70	1.040	-0.06	0.208	0.216
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	23095	707.5	SKU5	Battery4	25.53	25.70	1.040	-0.04	0.196	0.204
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery1	22.89	23.50	1.151	-0.17	0.213	0.245
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery1	21.95	22.50	1.135	0.06	0.170	0.193
07	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery1	22.89	23.50	1.151	0.06	0.324	0.373
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery1	21.95	22.50	1.135	-0.09	0.258	0.293
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery1	22.89	23.50	1.151	0.18	0.269	0.310
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Side	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery1	21.95	22.50	1.135	-0.08	0.214	0.243
	LTE Band 26_Ant 1	15M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery1	22.89	23.50	1.151	-0.17	0.168	0.193
	LTE Band 26_Ant 1	15M	QPSK	36	0	Top Side	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery1	21.95	22.50	1.135	0.13	0.134	0.152
	LTE Band 5B_Ant 1	15M	QPSK	1	0	Back	10mm	Brick	DSI 3	20475+20574	831.5	SKU12	Battery1	23.13	23.50	1.089	0.05	0.303	0.330
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery2	22.89	23.50	1.151	0.12	0.320	0.368
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	Brick	DSI 3	26865	831.5	SKU12	Battery3	22.89	23.50	1.151	0.03	0.318	0.366
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	10mm	Brick	DSI 3	26865	831.5	SKU4	Battery4	22.89	23.50	1.151	-0.04	0.322	0.371
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	10mm	Gun	DSI 3	26865	831.5	SKU7	Battery1	22.89	23.50	1.151	0	0.158	0.182
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	10mm	Gun	DSI 3	26865	831.5	SKU7	Battery1	21.95	22.50	1.135	0.18	0.130	0.148
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	26865	831.5	SKU7	Battery1	22.89	23.50	1.151	0.15	0.234	0.269
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Side	10mm	Gun	DSI 3	26865	831.5	SKU7	Battery1	21.95	22.50	1.135	0.16	0.186	0.211
	LTE Band 26_Ant 1	15M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	26865	831.5	SKU7	Battery1	22.89	23.50	1.151	-0.01	0.105	0.121
	LTE Band 26_Ant 1	15M	QPSK	36	0	Top Side	10mm	Gun	DSI 3	26865	831.5	SKU7	Battery1	21.95	22.50	1.135	-0.1	0.084	0.095
	LTE Band 5B_Ant 1	15M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	20475+20574	831.5	SKU7	Battery1	23.13	23.50	1.089	0.08	0.202	0.220
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	26865	831.5	SKU1	Battery2	22.89	23.50	1.151	-0.09	0.164	0.189
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	26865	831.5	SKU2	Battery3	22.89	23.50	1.151	0.05	0.232	0.267
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	26865	831.5	SKU5	Battery4	22.89	23.50	1.151	0.02	0.201	0.231

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 1	20M	QPSK	1	0	Front	10mm	Brick	DSI 3	132072	1720	SKU12	Battery1	20.43	20.60	1.040	0.17	0.040	0.042
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	Brick	DSI 3	132072	1720	SKU12	Battery1	19.27	19.60	1.079	0.07	0.028	0.030
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	10mm	Brick	DSI 3	132072	1720	SKU12	Battery1	20.43	20.60	1.040	0.06	0.338	0.351
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	10mm	Brick	DSI 3	132072	1720	SKU12	Battery1	19.27	19.60	1.079	0.18	0.254	0.274
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	132072	1720	SKU12	Battery1	20.43	20.60	1.040	0.09	0.397	0.413
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Side	10mm	Brick	DSI 3	132072	1720	SKU12	Battery1	19.27	19.60	1.079	-0.1	0.299	0.323
	LTE Band 66_Ant 1	20M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	132072	1720	SKU12	Battery1	20.43	20.60	1.040	0.11	0.114	0.119
	LTE Band 66_Ant 1	20M	QPSK	50	0	Top Side	10mm	Brick	DSI 3	132072	1720	SKU12	Battery1	19.27	19.60	1.079	0.01	0.085	0.092
	LTE Band 66B_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	132072+132229	1720	SKU12	Battery1	20.35	20.60	1.059	0.02	0.363	0.385
	LTE Band 66C_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	132072+132124	1720	SKU12	Battery1	20.23	20.60	1.089	0.19	0.352	0.383
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	132072	1720	SKU12	Battery2	20.43	20.60	1.040	-0.15	0.395	0.411
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	132072	1720	SKU12	Battery3	20.43	20.60	1.040	0.19	0.391	0.407
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	132072	1720	SKU4	Battery4	20.43	20.60	1.040	-0.02	0.375	0.390
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	10mm	Gun	DSI 3	132072	1720	SKU7	Battery1	20.43	20.60	1.040	0.11	0.041	0.043
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	10mm	Gun	DSI 3	132072	1720	SKU7	Battery1	19.27	19.60	1.079	0.07	0.031	0.033
08	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	132072	1720	SKU7	Battery1	20.43	20.60	1.040	0.04	0.422	0.439
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Side	10mm	Gun	DSI 3	132072	1720	SKU7	Battery1	19.27	19.60	1.079	-0.18	0.318	0.343
	LTE Band 66_Ant 1	20M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	132072	1720	SKU7	Battery1	20.43	20.60	1.040	-0.16	0.109	0.113
	LTE Band 66_Ant 1	20M	QPSK	50	0	Top Side	10mm	Gun	DSI 3	132072	1720	SKU7	Battery1	19.27	19.60	1.079	0.03	0.082	0.088
	LTE Band 66B_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	132072+132229	1720	SKU7	Battery1	20.35	20.60	1.059	0.01	0.400	0.424
	LTE Band 66C_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	132072+132124	1720	SKU7	Battery1	20.23	20.60	1.089	0.06	0.389	0.424
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	132072	1720	SKU1	Battery2	20.43	20.60	1.040	-0.15	0.360	0.374
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	132072	1720	SKU2	Battery3	20.43	20.60	1.040	-0.06	0.388	0.403
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	132072	1720	SKU5	Battery4	20.43	20.60	1.040	-0.14	0.412	0.428
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	Brick	DSI 3	133297	680.5	SKU12	Battery1	24.85	25.00	1.035	0.01	0.090	0.093
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	Brick	DSI 3	133297	680.5	SKU12	Battery1	23.88	24.00	1.028	-0.15	0.070	0.072
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	10mm	Brick	DSI 3	133297	680.5	SKU12	Battery1	24.85	25.00	1.035	0.06	0.121	0.125
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	10mm	Brick	DSI 3	133297	680.5	SKU12	Battery1	23.88	24.00	1.028	-0.15	0.095	0.098
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	133297	680.5	SKU12	Battery1	24.85	25.00	1.035	0.1	0.141	0.146
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Side	10mm	Brick	DSI 3	133297	680.5	SKU12	Battery1	23.88	24.00	1.028	0.11	0.111	0.114
	LTE Band 71_Ant 1	20M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	133297	680.5	SKU12	Battery1	24.85	25.00	1.035	0.12	0.073	0.076
	LTE Band 71_Ant 1	20M	QPSK	50	0	Top Side	10mm	Brick	DSI 3	133297	680.5	SKU12	Battery1	23.88	24.00	1.028	-0.08	0.054	0.056
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	133297	680.5	SKU4	Battery4	24.85	25.00	1.035	-0.16	0.139	0.144
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	10mm	Gun	DSI 3	133297	680.5	SKU7	Battery1	24.85	25.00	1.035	0.07	0.128	0.132
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	10mm	Gun	DSI 3	133297	680.5	SKU7	Battery1	23.88	24.00	1.028	-0.17	0.101	0.104
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	133297	680.5	SKU7	Battery1	24.85	25.00	1.035	0.1	0.137	0.142
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Side	10mm	Gun	DSI 3	133297	680.5	SKU7	Battery1	23.88	24.00	1.028	-0.08	0.108	0.111
	LTE Band 71_Ant 1	20M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	133297	680.5	SKU7	Battery1	24.85	25.00	1.035	-0.05	0.086	0.089
	LTE Band 71_Ant 1	20M	QPSK	50	0	Top Side	10mm	Gun	DSI 3	133297	680.5	SKU7	Battery1	23.88	24.00	1.028	-0.04	0.068	0.070
09	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	133297	680.5	SKU1	Battery2	24.85	25.00	1.035	0.09	0.142	0.147
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	133297	680.5	SKU2	Battery3	24.85	25.00	1.035	0.08	0.133	0.138
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	133297	680.5	SKU5	Battery4	24.85	25.00	1.035	0.16	0.138	0.143

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 5	20M	QPSK	1	0	Front	10mm	Brick	DSI 3	40620	2593	SKU12	Battery1	22.61	23.50	1.227	62.9	1.006	-0.16	0.063	0.078
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	10mm	Brick	DSI 3	40620	2593	SKU12	Battery1	21.76	22.50	1.186	62.9	1.006	-0.08	0.051	0.061
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	10mm	Brick	DSI 3	40620	2593	SKU12	Battery1	22.61	23.50	1.227	62.9	1.006	0.1	0.093	0.115
	LTE Band 41_Ant 5	20M	QPSK	50	0	Back	10mm	Brick	DSI 3	40620	2593	SKU12	Battery1	21.76	22.50	1.186	62.9	1.006	0.17	0.075	0.089
10	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	40620	2593	SKU12	Battery1	22.61	23.50	1.227	62.9	1.006	0.03	0.344	0.425
	LTE Band 41_Ant 5	20M	QPSK	50	0	Left Side	10mm	Brick	DSI 3	40620	2593	SKU12	Battery1	21.76	22.50	1.186	62.9	1.006	0.18	0.279	0.333
	LTE Band 41_Ant 5	20M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	40620	2593	SKU12	Battery1	22.61	23.50	1.227	62.9	1.006	0.06	0.039	0.048
	LTE Band 41_Ant 5	20M	QPSK	50	0	Top Side	10mm	Brick	DSI 3	40620	2593	SKU12	Battery1	21.76	22.50	1.186	62.9	1.006	-0.04	0.032	0.038
	LTE Band 41C_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	40620+40422	2593	SKU12	Battery1	22.56	23.50	1.242	62.9	1.006	0.03	0.312	0.390
	LTE Band 41D_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	40620+40422	2593	SKU12	Battery1	22.62	23.50	1.225	62.9	1.006	-0.08	0.325	0.400
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	40620	2593	SKU12	Battery2	22.61	23.50	1.227	62.9	1.006	-0.12	0.340	0.420
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	40620	2593	SKU12	Battery3	22.61	23.50	1.227	62.9	1.006	0.09	0.342	0.422
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	10mm	Brick	DSI 3	40620	2593	SKU4	Battery4	22.61	23.50	1.227	62.9	1.006	-0.13	0.220	0.272
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	10mm	Gun	DSI 3	40620	2593	SKU7	Battery1	22.61	23.50	1.227	62.9	1.006	-0.15	0.074	0.091
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	10mm	Gun	DSI 3	40620	2593	SKU7	Battery1	21.76	22.50	1.186	62.9	1.006	-0.08	0.060	0.072
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	40620	2593	SKU7	Battery1	22.61	23.50	1.227	62.9	1.006	0.13	0.266	0.328
	LTE Band 41_Ant 5	20M	QPSK	50	0	Left Side	10mm	Gun	DSI 3	40620	2593	SKU7	Battery1	21.76	22.50	1.186	62.9	1.006	-0.13	0.216	0.258
	LTE Band 41_Ant 5	20M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	40620	2593	SKU7	Battery1	22.61	23.50	1.227	62.9	1.006	-0.09	0.034	0.042
	LTE Band 41_Ant 5	20M	QPSK	50	0	Top Side	10mm	Gun	DSI 3	40620	2593	SKU7	Battery1	21.76	22.50	1.186	62.9	1.006	-0.13	0.028	0.033
	LTE Band 41C_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	40620+40422	2593	SKU7	Battery1	22.56	23.50	1.242	62.9	1.006	0.08	0.235	0.294
	LTE Band 41D_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	40620+40422	2593	SKU7	Battery1	22.62	23.50	1.225	62.9	1.006	0.01	0.242	0.298
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	40620	2593	SKU1	Battery2	22.61	23.50	1.227	62.9	1.006	-0.16	0.240	0.296
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	40620	2593	SKU2	Battery3	22.61	23.50	1.227	62.9	1.006	-0.18	0.265	0.327
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	10mm	Gun	DSI 3	40620	2593	SKU5	Battery4	22.61	23.50	1.227	62.9	1.006	-0.07	0.242	0.299
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	10mm	Brick	DSI 3	42590	3500	SKU12	Battery1	22.13	22.50	1.089	62.9	1.006	-0.08	0.157	0.172
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	10mm	Brick	DSI 3	42590	3500	SKU12	Battery1	21.15	21.50	1.084	62.9	1.006	0.06	0.127	0.138
	LTE Band 42_Ant 8	20M	QPSK	1	0	Back	10mm	Brick	DSI 3	42590	3500	SKU12	Battery1	22.13	22.50	1.089	62.9	1.006	-0.1	0.194	0.213
	LTE Band 42_Ant 8	20M	QPSK	50	0	Back	10mm	Brick	DSI 3	42590	3500	SKU12	Battery1	21.15	21.50	1.084	62.9	1.006	-0.03	0.157	0.171
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	10mm	Brick	DSI 3	42590	3500	SKU12	Battery1	22.13	22.50	1.089	62.9	1.006	0.04	0.509	0.558
	LTE Band 42_Ant 8	20M	QPSK	50	0	Right Side	10mm	Brick	DSI 3	42590	3500	SKU12	Battery1	21.15	21.50	1.084	62.9	1.006	-0.03	0.411	0.448
	LTE Band 42_Ant 8	20M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	42590	3500	SKU12	Battery1	22.13	22.50	1.089	62.9	1.006	-0.06	0.042	0.046
	LTE Band 42_Ant 8	20M	QPSK	50	0	Top Side	10mm	Brick	DSI 3	42590	3500	SKU12	Battery1	21.15	21.50	1.084	62.9	1.006	0.08	0.034	0.037
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	10mm	Brick	DSI 3	42590	3500	SKU12	Battery2	22.13	22.50	1.089	62.9	1.006	-0.07	0.505	0.553
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	10mm	Brick	DSI 3	42590	3500	SKU12	Battery3	22.13	22.50	1.089	62.9	1.006	0.05	0.501	0.549
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	10mm	Brick	DSI 3	42590	3500	SKU4	Battery4	22.13	22.50	1.089	62.9	1.006	-0.17	0.491	0.538
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	10mm	Gun	DSI 3	42590	3500	SKU7	Battery1	22.13	22.50	1.089	62.9	1.006	-0.11	0.178	0.195
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	10mm	Gun	DSI 3	42590	3500	SKU7	Battery1	21.15	21.50	1.084	62.9	1.006	-0.11	0.150	0.164
11	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	10mm	Gun	DSI 3	42590	3500	SKU7	Battery1	22.13	22.50	1.089	62.9	1.006	0.03	0.527	0.577
	LTE Band 42_Ant 8	20M	QPSK	50	0	Right Side	10mm	Gun	DSI 3	42590	3500	SKU7	Battery1	21.15	21.50	1.084	62.9	1.006	-0.12	0.445	0.485
	LTE Band 42_Ant 8	20M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	42590	3500	SKU7	Battery1	22.13	22.50	1.089	62.9	1.006	0.16	0.057	0.062
	LTE Band 42_Ant 8	20M	QPSK	50	0	Top Side	10mm	Gun	DSI 3	42590	3500	SKU7	Battery1	21.15	21.50	1.084	62.9	1.006	0.03	0.048	0.052
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	10mm	Gun	DSI 3	42590	3500	SKU1	Battery2	22.13	22.50	1.089	62.9	1.006	-0.06	0.486	0.532
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	10mm	Gun	DSI 3	42590	3500	SKU2	Battery3	22.13	22.50	1.089	62.9	1.006	0.02	0.518	0.567
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	10mm	Gun	DSI 3	42590	3500	SKU5	Battery4	22.13	22.50	1.089	62.9	1.006	-0.16	0.411	0.450

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 43_Ant 8	20M	QPSK	1	0	Front	10mm	Brick	DSI 3	44690	3710	SKU12	Battery1	20.56	21.00	1.107	62.9	1.006	-0.03	0.148	0.165
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	10mm	Brick	DSI 3	44690	3710	SKU12	Battery1	19.47	20.00	1.130	62.9	1.006	-0.16	0.116	0.132
	LTE Band 43_Ant 8	20M	QPSK	1	0	Back	10mm	Brick	DSI 3	44690	3710	SKU12	Battery1	20.56	21.00	1.107	62.9	1.006	0.17	0.215	0.239
	LTE Band 43_Ant 8	20M	QPSK	50	0	Back	10mm	Brick	DSI 3	44690	3710	SKU12	Battery1	19.47	20.00	1.130	62.9	1.006	-0.02	0.168	0.191
12	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	10mm	Brick	DSI 3	44690	3710	SKU12	Battery1	20.56	21.00	1.107	62.9	1.006	-0.01	0.534	0.594
	LTE Band 43_Ant 8	20M	QPSK	50	0	Right Side	10mm	Brick	DSI 3	44690	3710	SKU12	Battery1	19.47	20.00	1.130	62.9	1.006	0.15	0.418	0.475
	LTE Band 43_Ant 8	20M	QPSK	1	0	Top Side	10mm	Brick	DSI 3	44690	3710	SKU12	Battery1	20.56	21.00	1.107	62.9	1.006	0.05	0.038	0.042
	LTE Band 43_Ant 8	20M	QPSK	50	0	Top Side	10mm	Brick	DSI 3	44690	3710	SKU12	Battery1	19.47	20.00	1.130	62.9	1.006	-0.09	0.030	0.034
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	10mm	Brick	DSI 3	44690	3710	SKU12	Battery2	20.56	21.00	1.107	62.9	1.006	0.06	0.530	0.590
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	10mm	Brick	DSI 3	44690	3710	SKU12	Battery3	20.56	21.00	1.107	62.9	1.006	-0.18	0.528	0.588
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	10mm	Brick	DSI 3	44690	3710	SKU4	Battery4	20.56	21.00	1.107	62.9	1.006	-0.06	0.522	0.581
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	10mm	Gun	DSI 3	44690	3710	SKU7	Battery1	20.56	21.00	1.107	62.9	1.006	-0.01	0.153	0.170
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	10mm	Gun	DSI 3	44690	3710	SKU7	Battery1	19.47	20.00	1.130	62.9	1.006	0.11	0.134	0.152
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	10mm	Gun	DSI 3	44690	3710	SKU7	Battery1	20.56	21.00	1.107	62.9	1.006	0.18	0.364	0.405
	LTE Band 43_Ant 8	20M	QPSK	50	0	Right Side	10mm	Gun	DSI 3	44690	3710	SKU7	Battery1	19.47	20.00	1.130	62.9	1.006	-0.05	0.318	0.361
	LTE Band 43_Ant 8	20M	QPSK	1	0	Top Side	10mm	Gun	DSI 3	44690	3710	SKU7	Battery1	20.56	21.00	1.107	62.9	1.006	0.19	0.038	0.042
	LTE Band 43_Ant 8	20M	QPSK	50	0	Top Side	10mm	Gun	DSI 3	44690	3710	SKU7	Battery1	19.47	20.00	1.130	62.9	1.006	-0.08	0.033	0.038
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	10mm	Gun	DSI 3	44690	3710	SKU1	Battery2	20.56	21.00	1.107	62.9	1.006	-0.06	0.354	0.394
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	10mm	Gun	DSI 3	44690	3710	SKU2	Battery3	20.56	21.00	1.107	62.9	1.006	0.02	0.320	0.356
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	10mm	Gun	DSI 3	44690	3710	SKU5	Battery4	20.56	21.00	1.107	62.9	1.006	0.16	0.341	0.380

<5G NR SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 n2_Ant 1	20M	BPSK	1	1	Front	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.39	21.50	1.026	-0.04	0.039	0.040
	FR1 n2_Ant 1	20M	BPSK	50	0	Front	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.26	21.50	1.057	0.16	0.035	0.037
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.39	21.50	1.026	0.13	0.309	0.317
	FR1 n2_Ant 1	20M	BPSK	50	0	Back	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.26	21.50	1.057	0.05	0.296	0.313
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.39	21.50	1.026	0.07	0.413	0.424
	FR1 n2_Ant 1	20M	BPSK	50	0	Left Side	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.26	21.50	1.057	0.05	0.395	0.417
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.39	21.50	1.026	0.19	0.315	0.323
	FR1 n2_Ant 1	20M	BPSK	50	0	Left Side	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.26	21.50	1.057	-0.03	0.302	0.319
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.39	21.50	1.026	0.08	0.410	0.421
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	372000	1860	SKU12	Battery1	21.39	21.50	1.026	0.12	0.408	0.418
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	372000	1860	SKU4+2	SKU4+2	21.39	21.50	1.026	-0.06	0.304	0.312
	FR1 n2_Ant 1	20M	BPSK	1	1	Front	10mm	Gun	DSI 3	372000	1860	SKU7	Battery1	21.39	21.50	1.026	-0.03	0.052	0.053
	FR1 n2_Ant 1	20M	BPSK	50	0	Front	10mm	Gun	DSI 3	372000	1860	SKU7	Battery1	21.26	21.50	1.057	-0.15	0.048	0.051
13	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	372000	1860	SKU7	Battery1	21.39	21.50	1.026	0.06	0.431	0.442
	FR1 n2_Ant 1	20M	BPSK	50	0	Left Side	10mm	Gun	DSI 3	372000	1860	SKU7	Battery1	21.26	21.50	1.057	0.02	0.410	0.433
	FR1 n2_Ant 1	20M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	372000	1860	SKU7	Battery1	21.39	21.50	1.026	-0.12	0.058	0.059
	FR1 n2_Ant 1	20M	BPSK	50	0	Top Side	10mm	Gun	DSI 3	372000	1860	SKU7	Battery1	21.26	21.50	1.057	0.07	0.052	0.055
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	372000	1860	SKU1	Battery2	21.39	21.50	1.026	0.12	0.414	0.425
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	372000	1860	SKU2	Battery3	21.39	21.50	1.026	0.02	0.389	0.399
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	372000	1860	SKU5	Battery4	21.39	21.50	1.026	-0.03	0.341	0.350

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 5	40M	BPSK	1	1	Front	10mm	Brick	DSI 3	507000	2535	SKU12	Battery1	22.20	22.50	1.072	-0.1	0.100	0.107
	FR1 n7_Ant 5	40M	BPSK	108	0	Front	10mm	Brick	DSI 3	507000	2535	SKU12	Battery1	22.09	22.50	1.099	0.02	0.095	0.104
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	10mm	Brick	DSI 3	507000	2535	SKU12	Battery1	22.20	22.50	1.072	0.05	0.225	0.241
	FR1 n7_Ant 5	40M	BPSK	108	0	Back	10mm	Brick	DSI 3	507000	2535	SKU12	Battery1	22.09	22.50	1.099	-0.18	0.215	0.236
	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	507000	2535	SKU12	Battery1	22.20	22.50	1.072	0	0.400	0.429
	FR1 n7_Ant 5	40M	BPSK	108	0	Left Side	10mm	Brick	DSI 3	507000	2535	SKU12	Battery1	22.09	22.50	1.099	0.13	0.382	0.420
	FR1 n7_Ant 5	40M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	507000	2535	SKU12	Battery1	22.20	22.50	1.072	0.07	0.045	0.048
	FR1 n7_Ant 5	40M	BPSK	108	0	Top Side	10mm	Brick	DSI 3	507000	2535	SKU12	Battery1	22.09	22.50	1.099	0.16	0.042	0.046
	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	507000	2535	SKU12	Battery2	22.20	22.50	1.072	0.16	0.389	0.417
	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	507000	2535	SKU12	Battery3	22.20	22.50	1.072	-0.03	0.385	0.413
14	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	507000	2535	SKU4	Battery4	22.20	22.50	1.072	-0.14	0.480	0.514
	FR1 n7_Ant 5	40M	BPSK	1	1	Front	10mm	Gun	DSI 3	507000	2535	SKU7	Battery1	22.20	22.50	1.072	0.15	0.111	0.119
	FR1 n7_Ant 5	40M	BPSK	108	0	Front	10mm	Gun	DSI 3	507000	2535	SKU7	Battery1	22.09	22.50	1.099	0.07	0.107	0.118
	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	507000	2535	SKU7	Battery1	22.20	22.50	1.072	0.03	0.424	0.454
	FR1 n7_Ant 5	40M	BPSK	108	0	Left Side	10mm	Gun	DSI 3	507000	2535	SKU7	Battery1	22.09	22.50	1.099	0	0.410	0.451
	FR1 n7_Ant 5	40M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	507000	2535	SKU7	Battery1	22.20	22.50	1.072	-0.05	0.051	0.055
	FR1 n7_Ant 5	40M	BPSK	108	0	Top Side	10mm	Gun	DSI 3	507000	2535	SKU7	Battery1	22.09	22.50	1.099	0.01	0.049	0.054
	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	507000	2535	SKU1	Battery2	22.20	22.50	1.072	-0.08	0.397	0.425
	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	507000	2535	SKU2	Battery3	22.20	22.50	1.072	-0.08	0.411	0.440
	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	507000	2535	SKU5	Battery4	22.20	22.50	1.072	-0.13	0.403	0.432
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery1	25.08	25.70	1.153	-0.11	0.131	0.151
	FR1 n12_Ant 1	15M	BPSK	36	0	Front	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery1	24.97	25.70	1.183	-0.01	0.127	0.150
15	FR1 n12_Ant 1	15M	BPSK	1	1	Back	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery1	25.08	25.70	1.153	0.16	0.212	0.245
	FR1 n12_Ant 1	15M	BPSK	36	0	Back	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery1	24.97	25.70	1.183	-0.06	0.206	0.244
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery1	25.08	25.70	1.153	-0.05	0.172	0.198
	FR1 n12_Ant 1	15M	BPSK	36	0	Left Side	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery1	24.97	25.70	1.183	-0.04	0.160	0.189
	FR1 n12_Ant 1	15M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery1	25.08	25.70	1.153	0.14	0.093	0.107
	FR1 n12_Ant 1	15M	BPSK	36	0	Top Side	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery1	24.97	25.70	1.183	-0.09	0.090	0.106
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery2	25.08	25.70	1.153	0.06	0.210	0.242
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	10mm	Brick	DSI 3	141500	707.5	SKU12	Battery3	25.08	25.70	1.153	0.03	0.208	0.240
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	10mm	Brick	DSI 3	141500	707.5	SKU4	Battery4	25.08	25.70	1.153	-0.01	0.194	0.224
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	10mm	Gun	DSI 3	141500	707.5	SKU7	Battery1	25.08	25.70	1.153	0.07	0.109	0.126
	FR1 n12_Ant 1	15M	BPSK	36	0	Front	10mm	Gun	DSI 3	141500	707.5	SKU7	Battery1	24.97	25.70	1.183	0.03	0.106	0.125
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	141500	707.5	SKU7	Battery1	25.08	25.70	1.153	0.08	0.205	0.236
	FR1 n12_Ant 1	15M	BPSK	36	0	Left Side	10mm	Gun	DSI 3	141500	707.5	SKU7	Battery1	24.97	25.70	1.183	-0.17	0.199	0.235
	FR1 n12_Ant 1	15M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	141500	707.5	SKU7	Battery1	25.08	25.70	1.153	0.09	0.076	0.088
	FR1 n12_Ant 1	15M	BPSK	36	0	Top Side	10mm	Gun	DSI 3	141500	707.5	SKU7	Battery1	24.97	25.70	1.183	-0.1	0.064	0.076
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	141500	707.5	SKU1	Battery2	25.08	25.70	1.153	0.04	0.162	0.187
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	141500	707.5	SKU2	Battery3	25.08	25.70	1.153	0.11	0.167	0.193
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	141500	707.5	SKU5	Battery4	25.08	25.70	1.153	-0.13	0.159	0.183

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 1	20M	BPSK	1	1	Front	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery1	22.12	22.50	1.091	-0.11	0.223	0.243
	FR1 n26_Ant 1	20M	BPSK	50	0	Front	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery1	22.04	22.50	1.112	0.18	0.217	0.241
16	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery1	22.12	22.50	1.091	0.06	0.305	0.333
	FR1 n26_Ant 1	20M	BPSK	50	0	Back	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery1	22.04	22.50	1.112	-0.17	0.297	0.330
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery1	22.12	22.50	1.091	-0.16	0.235	0.256
	FR1 n26_Ant 1	20M	BPSK	50	0	Left Side	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery1	22.04	22.50	1.112	-0.04	0.229	0.255
	FR1 n26_Ant 1	20M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery1	22.12	22.50	1.091	-0.17	0.155	0.169
	FR1 n26_Ant 1	20M	BPSK	50	0	Top Side	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery1	22.04	22.50	1.112	-0.05	0.151	0.168
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery2	22.12	22.50	1.091	0.03	0.300	0.327
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	Brick	DSI 3	166300	831.5	SKU12	Battery3	22.12	22.50	1.091	0.05	0.302	0.330
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	10mm	Brick	DSI 3	166300	831.5	SKU4	Battery4	22.12	22.50	1.091	0.11	0.247	0.270
	FR1 n26_Ant 1	20M	BPSK	1	1	Front	10mm	Gun	DSI 3	166300	831.5	SKU7	Battery1	22.12	22.50	1.091	-0.01	0.124	0.135
	FR1 n26_Ant 1	20M	BPSK	50	0	Front	10mm	Gun	DSI 3	166300	831.5	SKU7	Battery1	22.04	22.50	1.112	0	0.118	0.131
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	166300	831.5	SKU7	Battery1	22.12	22.50	1.091	-0.14	0.207	0.226
	FR1 n26_Ant 1	20M	BPSK	50	0	Left Side	10mm	Gun	DSI 3	166300	831.5	SKU7	Battery1	22.04	22.50	1.112	-0.13	0.198	0.220
	FR1 n26_Ant 1	20M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	166300	831.5	SKU7	Battery1	22.12	22.50	1.091	-0.15	0.098	0.107
	FR1 n26_Ant 1	20M	BPSK	50	0	Top Side	10mm	Gun	DSI 3	166300	831.5	SKU7	Battery1	22.04	22.50	1.112	-0.01	0.095	0.106
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	166300	831.5	SKU1	Battery2	22.12	22.50	1.091	-0.12	0.198	0.216
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	166300	831.5	SKU2	Battery3	22.12	22.50	1.091	-0.17	0.203	0.222
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	166300	831.5	SKU5	Battery4	22.12	22.50	1.091	0.08	0.178	0.194
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	Brick	DSI 3	349000	1745	SKU12	Battery1	19.58	20.30	1.180	0.02	0.038	0.045
	FR1 n66_Ant 1	40M	BPSK	108	0	Front	10mm	Brick	DSI 3	349000	1745	SKU12	Battery1	19.49	20.30	1.205	-0.09	0.034	0.041
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	10mm	Brick	DSI 3	349000	1745	SKU12	Battery1	19.58	20.30	1.180	-0.11	0.298	0.352
	FR1 n66_Ant 1	40M	BPSK	108	0	Back	10mm	Brick	DSI 3	349000	1745	SKU12	Battery1	19.49	20.30	1.205	0.05	0.286	0.345
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	349000	1745	SKU12	Battery1	19.58	20.30	1.180	0.05	0.326	0.385
	FR1 n66_Ant 1	40M	BPSK	108	0	Left Side	10mm	Brick	DSI 3	349000	1745	SKU12	Battery1	19.49	20.30	1.205	0.02	0.313	0.377
	FR1 n66_Ant 1	40M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	349000	1745	SKU12	Battery1	19.58	20.30	1.180	0.09	0.100	0.118
	FR1 n66_Ant 1	40M	BPSK	108	0	Top Side	10mm	Brick	DSI 3	349000	1745	SKU12	Battery1	19.49	20.30	1.205	-0.13	0.096	0.116
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	349000	1745	SKU12	Battery2	19.58	20.30	1.180	0.09	0.320	0.378
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	349000	1745	SKU12	Battery3	19.58	20.30	1.180	-0.19	0.325	0.384
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	349000	1745	SKU4	Battery4	19.58	20.30	1.180	0.1	0.302	0.356
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	10mm	Gun	DSI 3	349000	1745	SKU7	Battery1	19.58	20.30	1.180	0.15	0.032	0.038
	FR1 n66_Ant 1	40M	BPSK	108	0	Front	10mm	Gun	DSI 3	349000	1745	SKU7	Battery1	19.49	20.30	1.205	0.17	0.028	0.034
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	349000	1745	SKU7	Battery1	19.58	20.30	1.180	0.09	0.330	0.390
	FR1 n66_Ant 1	40M	BPSK	108	0	Left Side	10mm	Gun	DSI 3	349000	1745	SKU7	Battery1	19.49	20.30	1.205	0.06	0.321	0.387
	FR1 n66_Ant 1	40M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	349000	1745	SKU7	Battery1	19.58	20.30	1.180	-0.16	0.083	0.098
	FR1 n66_Ant 1	40M	BPSK	108	0	Top Side	10mm	Gun	DSI 3	349000	1745	SKU7	Battery1	19.49	20.30	1.205	0	0.080	0.096
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	349000	1745	SKU1	Battery2	19.58	20.30	1.180	0.05	0.324	0.382
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	349000	1745	SKU2	Battery3	19.58	20.30	1.180	0.08	0.339	0.400
17	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	349000	1745	SKU5	Battery4	19.58	20.30	1.180	0.02	0.340	0.401

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 n71_Ant 1	20M	BPSK	1	1	Front	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery1	24.25	25.00	1.189	-0.04	0.075	0.089
	FR1 n71_Ant 1	20M	BPSK	50	0	Front	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery1	24.12	25.00	1.225	-0.03	0.070	0.086
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery1	24.25	25.00	1.189	-0.09	0.105	0.125
	FR1 n71_Ant 1	20M	BPSK	50	0	Back	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery1	24.12	25.00	1.225	-0.15	0.101	0.124
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery1	24.25	25.00	1.189	0	0.124	0.147
	FR1 n71_Ant 1	20M	BPSK	50	0	Left Side	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery1	24.12	25.00	1.225	0.11	0.111	0.136
	FR1 n71_Ant 1	20M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery1	24.25	25.00	1.189	0.18	0.055	0.065
	FR1 n71_Ant 1	20M	BPSK	50	0	Top Side	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery1	24.12	25.00	1.225	-0.02	0.123	0.151
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery2	24.25	25.00	1.189	0.1	0.118	0.140
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	136100	680.5	SKU12	Battery3	24.25	25.00	1.189	0.04	0.120	0.143
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	136100	680.5	SKU4	Battery4	24.25	25.00	1.189	0.11	0.108	0.128
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	10mm	Gun	DSI 3	136100	680.5	SKU7	Battery1	24.25	25.00	1.189	-0.03	0.077	0.092
	FR1 n71_Ant 1	20M	BPSK	50	0	Front	10mm	Gun	DSI 3	136100	680.5	SKU7	Battery1	24.12	25.00	1.225	0.13	0.075	0.092
18	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	136100	680.5	SKU7	Battery1	24.25	25.00	1.189	0.02	0.130	0.155
	FR1 n71_Ant 1	20M	BPSK	50	0	Left Side	10mm	Gun	DSI 3	136100	680.5	SKU7	Battery1	24.12	25.00	1.225	-0.18	0.124	0.152
	FR1 n71_Ant 1	20M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	136100	680.5	SKU7	Battery1	24.25	25.00	1.189	0.09	0.051	0.061
	FR1 n71_Ant 1	20M	BPSK	50	0	Top Side	10mm	Gun	DSI 3	136100	680.5	SKU7	Battery1	24.12	25.00	1.225	-0.11	0.046	0.056
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	136100	680.5	SKU1	Battery2	24.25	25.00	1.189	-0.08	0.095	0.113
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	136100	680.5	SKU2	Battery3	24.25	25.00	1.189	-0.05	0.106	0.126
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	136100	680.5	SKU5	Battery4	24.25	25.00	1.189	-0.03	0.089	0.106

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 5	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.24	22.00	1.191	0.17	0.103	0.123
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.20	22.00	1.202	0.01	0.100	0.120
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.24	22.00	1.191	-0.14	0.161	0.192
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.20	22.00	1.202	-0.19	0.158	0.190
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.24	22.00	1.191	0.06	0.422	0.503
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.20	22.00	1.202	-0.14	0.413	0.497
	FR1 n41_Ant 5	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.24	22.00	1.191	-0.06	0.052	0.062
	FR1 n41_Ant 5	100M	BPSK	135	69	Top Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.20	22.00	1.202	-0.01	0.048	0.058
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	24.39	25.00	1.151	-0.18	0.410	0.472
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery2	21.24	22.00	1.191	-0.16	0.420	0.500
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery3	21.24	22.00	1.191	-0.15	0.418	0.498
19	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU4	Battery4	21.24	22.00	1.191	-0.05	0.425	0.506
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.24	22.00	1.191	-0.12	0.099	0.118
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.20	22.00	1.202	0.06	0.094	0.113
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.24	22.00	1.191	-0.16	0.318	0.379
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.20	22.00	1.202	0.02	0.312	0.375
	FR1 n41_Ant 5	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.24	22.00	1.191	-0.03	0.036	0.043
	FR1 n41_Ant 5	100M	BPSK	135	69	Top Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.20	22.00	1.202	0.12	0.034	0.041
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	24.39	25.00	1.151	0.03	0.377	0.434
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU1	Battery2	21.24	22.00	1.191	0.17	0.315	0.375
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU2	Battery3	21.24	22.00	1.191	-0.06	0.370	0.441
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU5	Battery4	21.24	22.00	1.191	0.02	0.335	0.399
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	23	23	1.000	0.18	0.061	0.061
	FR1 n41_Ant 2	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.75	22.5	1.189	-0.16	0.050	0.059
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	23	23	1.000	0	0.164	0.164
	FR1 n41_Ant 2	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.75	22.5	1.189	-0.12	0.120	0.143
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	23	23	1.000	-0.11	0.133	0.133
	FR1 n41_Ant 2	100M	BPSK	135	0	Right Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.75	22.5	1.189	0.07	0.097	0.115
	FR1 n41_Ant 2	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	23	23	1.000	-0.05	0.047	0.047
	FR1 n41_Ant 2	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.75	22.5	1.189	-0.02	0.034	0.040
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery2	23	23	1.000	0.03	0.160	0.160
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery3	23	23	1.000	0.05	0.158	0.158
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	518598	2592.99	SKU4	Battery4	23	23	1.000	-0.04	0.121	0.121
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	23	23	1.000	0	0.049	0.049
	FR1 n41_Ant 2	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.75	22.5	1.189	-0.05	0.040	0.048
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	23	23	1.000	-0.14	0.170	0.170
	FR1 n41_Ant 2	100M	BPSK	135	0	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.75	22.5	1.189	-0.13	0.141	0.168
	FR1 n41_Ant 2	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	23	23	1.000	-0.14	0.037	0.037
	FR1 n41_Ant 2	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.75	22.5	1.189	0.08	0.028	0.033
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU1	Battery2	23	23	1.000	0.01	0.101	0.101
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU2	Battery3	23	23	1.000	0.18	0.119	0.119
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU5	Battery4	23	23	1.000	0.02	0.150	0.150
	FR1 n41_Ant 3	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	22.21	22.5	1.069	0.06	0.004	0.004
	FR1 n41_Ant 3	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	22.18	22.5	1.076	0.06	0.002	0.002
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	22.21	22.5	1.069	-0.02	0.003	0.003
	FR1 n41_Ant 3	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	22.18	22.5	1.076	-0.02	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	22.21	22.5	1.069	0.07	0.057	0.061
	FR1 n41_Ant 3	100M	BPSK	135	0	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	22.18	22.5	1.076	0.07	0.050	0.054
	FR1 n41_Ant 3	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	22.21	22.5	1.069	-0.17	0.004	0.004
	FR1 n41_Ant 3	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	22.18	22.5	1.076	-0.17	0.002	0.002
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU4+2	SKU4+2	22.21	22.5	1.069	-0.05	0.103	0.110
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU4+3	SKU4+3	22.21	22.5	1.069	-0.08	0.100	0.107

	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	518598	2592.99	SKU4	Battery4	22.21	22.5	1.069	-0.12	0.095	0.102
	FR1 n41_Ant 3	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	22.21	22.5	1.069	0.08	0.002	0.002
	FR1 n41_Ant 3	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	22.18	22.5	1.076	0.16	0.002	0.002
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	22.21	22.5	1.069	0.11	0.088	0.094
	FR1 n41_Ant 3	100M	BPSK	135	0	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	22.18	22.5	1.076	0.01	0.075	0.081
	FR1 n41_Ant 3	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	22.21	22.5	1.069	0	0.002	0.002
	FR1 n41_Ant 3	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	22.18	22.5	1.076	-0.16	0.002	0.002
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU1	Battery2	22.21	22.5	1.069	-0.13	0.068	0.073
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU2	Battery3	22.21	22.5	1.069	-0.1	0.048	0.051
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	518598	2592.99	SKU5	Battery4	22.21	22.5	1.069	-0.07	0.059	0.063
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.8	22.5	1.175	-0.17	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	135	69	Front	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.78	22.5	1.180	-0.13	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.8	22.5	1.175	0.01	0.052	0.061
	FR1 n41_Ant 4	100M	BPSK	135	69	Back	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.78	22.5	1.180	0.03	0.048	0.057
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.8	22.5	1.175	0.1	0.095	0.112
	FR1 n41_Ant 4	100M	BPSK	135	69	Right Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.78	22.5	1.180	-0.15	0.087	0.103
	FR1 n41_Ant 4	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.8	22.5	1.175	0.11	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	135	69	Top Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery1	21.78	22.5	1.180	0	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery2	21.8	22.5	1.175	-0.11	0.094	0.110
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	518598	2592.99	SKU12	Battery3	21.8	22.5	1.175	-0.06	0.088	0.103
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	518598	2592.99	SKU4	Battery4	21.8	22.5	1.175	0.04	0.113	0.133
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.8	22.5	1.175	0.18	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	135	69	Front	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.78	22.5	1.180	-0.01	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.8	22.5	1.175	0.12	0.083	0.098
	FR1 n41_Ant 4	100M	BPSK	135	69	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.78	22.5	1.180	-0.04	0.074	0.087
	FR1 n41_Ant 4	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.8	22.5	1.175	0.07	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	135	69	Top Side	10mm	Gun	DSI 3	518598	2592.99	SKU7	Battery1	21.78	22.5	1.180	0.1	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU1	Battery2	21.8	22.5	1.175	0.15	0.096	0.113
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU2	Battery3	21.8	22.5	1.175	0.14	0.090	0.106
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	518598	2592.99	SKU5	Battery4	21.8	22.5	1.175	0.12	0.111	0.130

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 9	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.32	18.50	1.042	-0.04	0.022	0.023
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.25	18.50	1.059	0.16	0.018	0.019
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.32	18.50	1.042	-0.08	0.083	0.087
	FR1 n77_Ant 9	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.25	18.50	1.059	-0.15	0.077	0.082
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.32	18.50	1.042	-0.13	0.197	0.205
	FR1 n77_Ant 9	100M	BPSK	135	0	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.25	18.50	1.059	-0.02	0.191	0.202
	FR1 n77_Ant 9	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.32	18.50	1.042	-0.15	0.013	0.014
	FR1 n77_Ant 9	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.25	18.50	1.059	-0.09	0.010	0.011
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	21.33	21.50	1.040	0.06	0.134	0.139
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery2	18.32	18.50	1.042	0.13	0.195	0.203
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery3	18.32	18.50	1.042	-0.02	0.194	0.202
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU4	Battery4	18.32	18.50	1.042	-0.05	0.273	0.285
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.32	18.50	1.042	-0.17	0.039	0.041
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.25	18.50	1.059	0.14	0.034	0.036
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.32	18.50	1.042	-0.08	0.188	0.196
	FR1 n77_Ant 9	100M	BPSK	135	0	Left Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.25	18.50	1.059	0.1	0.176	0.186
	FR1 n77_Ant 9	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.32	18.50	1.042	-0.04	0.017	0.018
	FR1 n77_Ant 9	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.25	18.50	1.059	-0.09	0.012	0.013
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	21.33	21.50	1.040	0.05	0.156	0.162
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU1	Battery2	18.32	18.50	1.042	0.06	0.207	0.216
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU2	Battery3	18.32	18.50	1.042	0.17	0.193	0.201
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU5	Battery4	18.32	18.50	1.042	0.18	0.200	0.208
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.98	18.50	1.127	-0.15	0.075	0.085
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.86	18.50	1.159	0.11	0.066	0.076
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.98	18.50	1.127	-0.12	0.085	0.096
	FR1 n77_Ant 9	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.86	18.50	1.159	-0.07	0.078	0.090
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.98	18.50	1.127	0.03	0.288	0.325
	FR1 n77_Ant 9	100M	BPSK	135	0	Left Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.86	18.50	1.159	-0.18	0.279	0.323
	FR1 n77_Ant 9	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.98	18.50	1.127	0.11	0.023	0.026
	FR1 n77_Ant 9	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.86	18.50	1.159	-0.16	0.017	0.020
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	21.22	21.50	1.067	0.06	0.287	0.306
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery2	17.98	18.50	1.127	0.07	0.280	0.316
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery3	17.98	18.50	1.127	-0.09	0.284	0.320
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	633332	3499.98	SKU4	Battery4	17.98	18.50	1.127	-0.08	0.211	0.238
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.98	18.50	1.127	0.01	0.052	0.059
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.86	18.50	1.159	-0.08	0.047	0.054
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.98	18.50	1.127	-0.15	0.260	0.293
	FR1 n77_Ant 9	100M	BPSK	135	0	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.86	18.50	1.159	-0.1	0.173	0.200
	FR1 n77_Ant 9	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.98	18.50	1.127	0.19	0.021	0.024
	FR1 n77_Ant 9	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.86	18.50	1.159	-0.01	0.019	0.022
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	21.22	21.50	1.067	0.07	0.308	0.329
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU1	Battery2	17.98	18.50	1.127	-0.18	0.224	0.252
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU2	Battery3	17.98	18.50	1.127	0.03	0.198	0.223
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU5	Battery4	17.98	18.50	1.127	0.08	0.310	0.349
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	18.37	18.50	1.030	-0.1	0.092	0.095
	FR1 n77/n78_Ant 9	100M	BPSK	135	69	Front	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	18.22	18.50	1.067	-0.01	0.084	0.090
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	18.37	18.50	1.030	0.07	0.088	0.091
	FR1 n77/n78_Ant 9	100M	BPSK	135	69	Back	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	18.22	18.50	1.067	-0.17	0.082	0.087
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	18.37	18.50	1.030	0.18	0.390	0.402
	FR1 n77/n78_Ant 9	100M	BPSK	135	69	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	18.22	18.50	1.067	-0.06	0.374	0.399
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	18.37	18.50	1.030	-0.1	0.075	0.077
	FR1 n77/n78_Ant 9	100M	BPSK	135	69	Top Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	18.22	18.50	1.067	-0.09	0.070	0.075
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery2	18.37	18.50	1.030	-0.11	0.384	0.396

	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery3	18.37	18.50	1.030	0.14	0.388	0.400
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	10mm		DSI 3	641666	3624.99	SKU4	Battery4	18.37	18.50	1.030	0.15	0.470	0.484
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	18.37	18.50	1.030	0.08	0.099	0.102
	FR1 n77/n78_Ant 9	100M	BPSK	135	69	Front	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	18.22	18.50	1.067	0.03	0.084	0.090
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	18.37	18.50	1.030	-0.1	0.457	0.471
	FR1 n77/n78_Ant 9	100M	BPSK	135	69	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	18.22	18.50	1.067	0.1	0.432	0.461
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	18.37	18.50	1.030	0.12	0.045	0.046
	FR1 n77/n78_Ant 9	100M	BPSK	135	69	Top Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	18.22	18.50	1.067	0.16	0.032	0.034
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU1	Battery2	18.37	18.50	1.030	0.03	0.312	0.321
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU2	Battery3	18.37	18.50	1.030	0.18	0.391	0.403
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU5	Battery4	18.37	18.50	1.030	0.16	0.403	0.415
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.10	18.50	1.096	-0.08	0.124	0.136
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	17.73	18.50	1.194	0.17	0.113	0.135
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.10	18.50	1.096	0.05	0.144	0.158
	FR1 n77_Ant 8	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	17.73	18.50	1.194	-0.03	0.131	0.156
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.10	18.50	1.096	0.03	0.432	0.474
	FR1 n77_Ant 8	100M	BPSK	135	0	Right Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	17.73	18.50	1.194	0.05	0.368	0.439
	FR1 n77_Ant 8	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	18.10	18.50	1.096	-0.09	0.039	0.043
	FR1 n77_Ant 8	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	17.73	18.50	1.194	-0.16	0.032	0.038
20	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	21.11	21.50	1.094	0.08	0.457	0.500
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery2	21.11	21.50	1.094	-0.06	0.430	0.470
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery3	21.11	21.50	1.094	0.02	0.428	0.468
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	656000	3840	SKU4	SKU4	21.11	21.50	1.094	0.08	0.445	0.487
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.10	18.50	1.096	0.03	0.131	0.144
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	17.73	18.50	1.194	-0.15	0.116	0.139
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.10	18.50	1.096	0.02	0.408	0.447
	FR1 n77_Ant 8	100M	BPSK	135	0	Right Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	17.73	18.50	1.194	0.16	0.370	0.442
	FR1 n77_Ant 8	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	18.10	18.50	1.096	0.12	0.031	0.034
	FR1 n77_Ant 8	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	17.73	18.50	1.194	0.05	0.025	0.030
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	21.11	21.50	1.094	0	0.406	0.444
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU1	Battery2	18.10	18.50	1.096	0.18	0.338	0.371
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU2	Battery3	18.10	18.50	1.096	0.16	0.319	0.350
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU5	Battery4	18.10	18.50	1.096	-0.1	0.354	0.388
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.96	18.50	1.132	-0.15	0.118	0.134
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.86	18.50	1.159	-0.06	0.110	0.127
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.96	18.50	1.132	0.19	0.114	0.129
	FR1 n77_Ant 8	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.86	18.50	1.159	-0.13	0.105	0.122
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.96	18.50	1.132	0.07	0.340	0.385
	FR1 n77_Ant 8	100M	BPSK	135	0	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.86	18.50	1.159	-0.01	0.329	0.381
	FR1 n77_Ant 8	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.96	18.50	1.132	-0.18	0.035	0.040
	FR1 n77_Ant 8	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	17.86	18.50	1.159	-0.11	0.029	0.034
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	21.09	21.50	1.099	0.03	0.300	0.330
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery2	17.96	18.50	1.132	0.19	0.325	0.368
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery3	17.96	18.50	1.132	-0.14	0.321	0.364
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU4	Battery4	17.96	18.50	1.132	0.1	0.235	0.266
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.96	18.50	1.132	0.03	0.091	0.103
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.86	18.50	1.159	-0.18	0.084	0.097
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.96	18.50	1.132	0.05	0.265	0.300
	FR1 n77_Ant 8	100M	BPSK	135	0	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.86	18.50	1.159	-0.06	0.258	0.299
	FR1 n77_Ant 8	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.96	18.50	1.132	0.08	0.034	0.039
	FR1 n77_Ant 8	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	17.86	18.50	1.159	0.02	0.031	0.036
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	21.09	21.50	1.099	-0.04	0.325	0.357
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU1	Battery2	17.96	18.50	1.132	-0.15	0.267	0.302
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU2	Battery3	17.96	18.50	1.132	0.09	0.301	0.341
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU5	Battery4	17.96	18.50	1.132	0.08	0.329	0.373

	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	17.92	18.50	1.143	0.18	0.125	0.143
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	17.75	18.50	1.189	0.16	0.118	0.140
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	17.92	18.50	1.143	0.14	0.151	0.173
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	17.75	18.50	1.189	0.01	0.147	0.175
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	17.92	18.50	1.143	0.02	0.397	0.454
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	17.75	18.50	1.189	-0.04	0.381	0.453
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	17.92	18.50	1.143	-0.17	0.001	0.001
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	17.75	18.50	1.189	0.13	0.001	0.001
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery2	17.92	18.50	1.143	0.12	0.395	0.451
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery3	17.92	18.50	1.143	0.07	0.391	0.447
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU4	Battery4	17.92	18.50	1.143	0.17	0.335	0.383
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	17.92	18.50	1.143	-0.05	0.135	0.154
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	17.75	18.50	1.189	0.08	0.128	0.152
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	17.92	18.50	1.143	0.01	0.304	0.347
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	17.75	18.50	1.189	0.19	0.295	0.351
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	17.92	18.50	1.143	0.1	0.001	0.001
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	17.75	18.50	1.189	-0.06	0.001	0.001
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU1	Battery2	17.92	18.50	1.143	-0.17	0.270	0.309
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU2	Battery3	17.92	18.50	1.143	0.01	0.315	0.360
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU5	Battery4	17.92	18.50	1.143	-0.01	0.303	0.346
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	19.99	20.70	1.178	0.07	0.043	0.051
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	19.90	20.70	1.202	0.07	0.038	0.046
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	19.99	20.70	1.178	0.18	0.087	0.102
	FR1 n77_Ant 3	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	19.90	20.70	1.202	-0.12	0.068	0.082
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	19.99	20.70	1.178	-0.1	0.221	0.260
	FR1 n77_Ant 3	100M	BPSK	135	0	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	19.90	20.70	1.202	-0.01	0.210	0.252
	FR1 n77_Ant 3	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	19.99	20.70	1.178	0.01	0.001	0.001
	FR1 n77_Ant 3	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	19.90	20.70	1.202	0.03	0.001	0.001
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery2	19.99	20.70	1.178	-0.05	0.218	0.257
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery3	19.99	20.70	1.178	0.14	0.220	0.259
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	656000	3840	SKU4	Battery4	19.99	20.70	1.178	0.15	0.246	0.290
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	19.99	20.70	1.178	0.08	0.078	0.092
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	19.90	20.70	1.202	-0.11	0.064	0.077
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	19.99	20.70	1.178	-0.04	0.404	0.476
	FR1 n77_Ant 3	100M	BPSK	135	0	Left Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	19.90	20.70	1.202	0.01	0.387	0.465
	FR1 n77_Ant 3	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	19.99	20.70	1.178	-0.17	0.001	0.001
	FR1 n77_Ant 3	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	19.90	20.70	1.202	-0.13	0.001	0.001
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU1	Battery2	19.99	20.70	1.178	0.04	0.377	0.444
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU2	Battery3	19.99	20.70	1.178	-0.01	0.376	0.443
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	656000	3840	SKU5	Battery4	19.99	20.70	1.178	-0.08	0.292	0.344
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	19.80	20.70	1.230	0.17	0.060	0.074
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	19.64	20.70	1.276	-0.08	0.056	0.071
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	19.80	20.70	1.230	-0.1	0.379	0.466
	FR1 n77_Ant 3	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	19.64	20.70	1.276	-0.08	0.351	0.448
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	19.80	20.70	1.230	0.01	0.237	0.292
	FR1 n77_Ant 3	100M	BPSK	135	0	Left Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	19.64	20.70	1.276	-0.05	0.221	0.282
	FR1 n77_Ant 3	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	19.80	20.70	1.230	0.1	0.001	0.001
	FR1 n77_Ant 3	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	19.64	20.70	1.276	0	0.001	0.001
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery2	19.80	20.70	1.230	0.07	0.372	0.458
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery3	19.80	20.70	1.230	0.15	0.374	0.460
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	633332	3499.98	SKU4	Battery4	19.80	20.70	1.230	-0.11	0.252	0.310
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	19.80	20.70	1.230	0.05	0.061	0.075
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	19.64	20.70	1.276	0.05	0.055	0.070
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	19.80	20.70	1.230	0.06	0.251	0.309
	FR1 n77_Ant 3	100M	BPSK	135	0	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	19.64	20.70	1.276	-0.1	0.234	0.299

	FR1 n77_Ant 3	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	19.80	20.70	1.230	-0.09	0.001	0.001
	FR1 n77_Ant 3	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	19.64	20.70	1.276	0	0.001	0.001
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU1	Battery2	19.80	20.70	1.230	-0.08	0.223	0.274
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU2	Battery3	19.80	20.70	1.230	0.11	0.266	0.327
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	633332	3499.98	SKU5	Battery4	19.80	20.70	1.230	0.09	0.269	0.331
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	20.08	20.40	1.076	-0.12	0.047	0.051
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	19.86	20.40	1.132	-0.03	0.042	0.048
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	20.08	20.40	1.076	0.08	0.136	0.146
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	19.86	20.40	1.132	0.02	0.119	0.135
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	20.08	20.40	1.076	0.13	0.177	0.191
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	19.86	20.40	1.132	0.12	0.155	0.176
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	20.08	20.40	1.076	-0.14	0.172	0.185
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	19.86	20.40	1.132	-0.12	0.150	0.170
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery2	20.08	20.40	1.076	-0.03	0.172	0.185
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery3	20.08	20.40	1.076	0.02	0.176	0.189
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	10mm	Brick	DSI 3	641666	3624.99	SKU4	Battery4	20.08	20.40	1.076	0.07	0.174	0.187
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	20.08	20.40	1.076	-0.17	0.073	0.079
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	19.86	20.40	1.132	0.07	0.065	0.074
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	20.08	20.40	1.076	-0.03	0.346	0.372
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	19.86	20.40	1.132	-0.03	0.310	0.351
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	20.08	20.40	1.076	0.14	0.049	0.053
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	19.86	20.40	1.132	0	0.042	0.048
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU1	Battery2	20.08	20.40	1.076	0.02	0.366	0.394
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU2	Battery3	20.08	20.40	1.076	0.11	0.341	0.367
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	10mm	Gun	DSI 3	641666	3624.99	SKU5	Battery4	20.08	20.40	1.076	-0.05	0.354	0.381
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	16.00	16.30	1.072	-0.05	0.012	0.013
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	15.89	16.30	1.099	0.09	0.008	0.009
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	16.00	16.30	1.072	0.18	0.138	0.148
	FR1 n77_Ant 4	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	15.89	16.30	1.099	0.04	0.125	0.137
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	16.00	16.30	1.072	0.14	0.108	0.116
	FR1 n77_Ant 4	100M	BPSK	135	0	Right Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	15.89	16.30	1.099	0.11	0.098	0.108
	FR1 n77_Ant 4	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	16.00	16.30	1.072	-0.17	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	656000	3840	SKU12	Battery1	15.89	16.30	1.099	-0.13	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery2	16.00	16.30	1.072	0.12	0.132	0.141
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	656000	3840	SKU12	Battery3	16.00	16.30	1.072	-0.11	0.135	0.145
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	656000	3840	SKU4	Battery4	16.00	16.30	1.072	-0.19	0.148	0.159
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	16.00	16.30	1.072	0.08	0.022	0.024
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	15.89	16.30	1.099	0.17	0.019	0.021
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	16.00	16.30	1.072	0.01	0.158	0.169
	FR1 n77_Ant 4	100M	BPSK	135	0	Right Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	15.89	16.30	1.099	-0.16	0.146	0.160
	FR1 n77_Ant 4	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	16.00	16.30	1.072	0.03	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	656000	3840	SKU7	Battery1	15.89	16.30	1.099	-0.17	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU1	Battery2	16.00	16.30	1.072	-0.08	0.216	0.231
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU2	Battery3	16.00	16.30	1.072	-0.08	0.205	0.220
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	656000	3840	SKU5	Battery4	16.00	16.30	1.072	0.03	0.218	0.234
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	15.90	16.30	1.096	0.1	0.028	0.031
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	15.77	16.30	1.130	0.11	0.024	0.027
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	15.90	16.30	1.096	-0.18	0.071	0.078
	FR1 n77_Ant 4	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	15.77	16.30	1.130	-0.05	0.066	0.075
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	15.90	16.30	1.096	0.1	0.146	0.160
	FR1 n77_Ant 4	100M	BPSK	135	0	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	15.77	16.30	1.130	-0.01	0.136	0.154
	FR1 n77_Ant 4	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	15.90	16.30	1.096	0.12	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery1	15.77	16.30	1.130	-0.14	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery2	15.90	16.30	1.096	-0.15	0.141	0.155
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU12	Battery3	15.90	16.30	1.096	-0.12	0.144	0.158

	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	633332	3499.98	SKU4	Battery4	15.90	16.30	1.096	0.18	0.161	0.177
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	15.90	16.30	1.096	0.08	0.022	0.024
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	15.77	16.30	1.130	-0.17	0.018	0.020
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	15.90	16.30	1.096	-0.17	0.153	0.168
	FR1 n77_Ant 4	100M	BPSK	135	0	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	15.77	16.30	1.130	0.08	0.142	0.160
	FR1 n77_Ant 4	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	15.90	16.30	1.096	-0.03	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	633332	3499.98	SKU7	Battery1	15.77	16.30	1.130	0.01	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU1	Battery2	15.90	16.30	1.096	0.09	0.183	0.201
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU2	Battery3	15.90	16.30	1.096	0.14	0.162	0.178
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	633332	3499.98	SKU5	Battery4	15.90	16.30	1.096	0.11	0.182	0.200
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Front	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	15.79	16.30	1.125	0.08	0.039	0.044
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Front	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	15.62	16.30	1.169	0.02	0.034	0.040
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	15.79	16.30	1.125	0.01	0.090	0.101
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Back	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	15.62	16.30	1.169	-0.11	0.081	0.095
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	15.79	16.30	1.125	0.03	0.169	0.190
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	15.62	16.30	1.169	-0.01	0.158	0.185
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Top Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	15.79	16.30	1.125	-0.08	0.024	0.027
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Top Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery1	15.62	16.30	1.169	0.09	0.022	0.026
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery2	15.79	16.30	1.125	0.1	0.163	0.183
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU12	Battery3	15.79	16.30	1.125	-0.04	0.165	0.186
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	10mm	Brick	DSI 3	641666	3624.99	SKU4	Battery4	15.79	16.30	1.125	0.03	0.177	0.199
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Front	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	15.79	16.30	1.125	-0.08	0.045	0.051
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Front	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	15.62	16.30	1.169	0.15	0.039	0.046
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	15.79	16.30	1.125	-0.15	0.205	0.231
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	15.62	16.30	1.169	0.09	0.191	0.223
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Top Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	15.79	16.30	1.125	0.1	0.047	0.053
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Top Side	10mm	Gun	DSI 3	641666	3624.99	SKU7	Battery1	15.62	16.30	1.169	-0.16	0.042	0.049
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU1	Battery2	15.79	16.30	1.125	-0.18	0.184	0.207
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU2	Battery3	15.79	16.30	1.125	0.1	0.177	0.199
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	10mm	Gun	DSI 3	641666	3624.99	SKU5	Battery4	15.79	16.30	1.125	0.12	0.193	0.217

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 6	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	18.86	19.50	1.159	98.05	1.020	0.11	0.061	0.072
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 6	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	18.86	19.50	1.159	98.05	1.020	0.01	0.159	0.188
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	18.86	19.50	1.159	98.05	1.020	0.06	0.597	0.706
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Brick	Set 1 Non-DBS	1	2412	SKU 4	Battery2	18.86	19.50	1.159	98.05	1.020	-0.03	0.583	0.689
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery3	18.86	19.50	1.159	98.05	1.020	0.01	0.580	0.686
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery4	18.86	19.50	1.159	98.05	1.020	0.05	0.573	0.677
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Brick	Set 5 Non-DBS	6	2437	SKU 12	Battery1	17.32	17.50	1.042	98.05	1.020	0	0.301	0.320
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Brick	Set 5 DBS	6	2437	SKU 12	Battery1	15.28	15.50	1.052	98.05	1.020	-0.12	0.186	0.200
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 6	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	18.86	19.50	1.159	98.05	1.020	0.08	0.070	0.083
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	18.86	19.50	1.159	98.05	1.020	-0.14	0.731	0.864
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	6	2437	SKU 7	Battery1	18.82	19.50	1.169	98.05	1.020	0.01	0.524	0.625
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	11	2462	SKU 7	Battery1	18.66	19.50	1.213	98.05	1.020	0.03	0.549	0.679
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	1	2412	SKU 1	Battery2	18.86	19.50	1.159	98.05	1.020	0.07	0.705	0.833
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	1	2412	SKU 2	Battery3	18.86	19.50	1.159	98.05	1.020	-0.18	0.594	0.702
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	1	2412	SKU 5	Battery4	18.86	19.50	1.159	98.05	1.020	0.1	0.630	0.745
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Gun	Set 5 Non-DBS	6	2437	SKU 7	Battery1	17.32	17.50	1.042	98.05	1.020	0.1	0.360	0.383
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6	Gun	Set 5 DBS	6	2437	SKU 7	Battery1	15.28	15.50	1.052	98.05	1.020	0.07	0.297	0.319
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 7	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	18.52	19.50	1.253	98.05	1.020	-0.18	0.083	0.106
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 7	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	18.52	19.50	1.253	98.05	1.020	0.1	0.127	0.162
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 7	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	18.52	19.50	1.253	98.05	1.020	-0.1	0.275	0.352

	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 7	Brick	Set 1 Non-DBS	1	2412	SKU 4	Battery2	18.52	19.50	1.253	98.05	1.020	-0.17	0.240	0.307
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 7	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery3	18.52	19.50	1.253	98.05	1.020	0.07	0.255	0.326
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 7	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery4	18.52	19.50	1.253	98.05	1.020	-0.03	0.261	0.334
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 7	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	18.52	19.50	1.253	98.05	1.020	0.03	0.057	0.073
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 7	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	18.52	19.50	1.253	98.05	1.020	0.07	0.153	0.196
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 7	Gun	Set 1 Non-DBS	1	2412	SKU 1	Battery2	18.52	19.50	1.253	98.05	1.020	-0.05	0.143	0.183
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 7	Gun	Set 1 Non-DBS	1	2412	SKU 2	Battery3	18.52	19.50	1.253	98.05	1.020	-0.1	0.146	0.187
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 7	Gun	Set 1 Non-DBS	1	2412	SKU 5	Battery4	18.52	19.50	1.253	98.05	1.020	0.09	0.141	0.180
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	19.05	19.50	1.109	98.05	1.020	0	0.133	0.150
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	19.05	19.50	1.109	98.05	1.020	0.01	0.185	0.209
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	19.05	19.50	1.109	98.05	1.020	-0.19	0.257	0.291
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery1	19.05	19.50	1.109	98.05	1.020	0	0.645	0.730
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	1	2412	SKU 4	Battery2	19.05	19.50	1.109	98.05	1.020	-0.06	0.643	0.727
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery3	19.05	19.50	1.109	98.05	1.020	-0.01	0.631	0.714
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	1	2412	SKU 12	Battery4	19.05	19.50	1.109	98.05	1.020	0.06	0.622	0.704
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Brick	Set 5 Non-DBS	11	2462	SKU 12	Battery1	16.99	17.50	1.125	98.05	1.020	-0.11	0.280	0.321
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Brick	Set 5 DBS	11	2462	SKU 12	Battery1	14.98	15.50	1.127	98.05	1.020	0.02	0.265	0.305
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	19.05	19.50	1.109	98.05	1.020	0.17	0.106	0.120
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	19.05	19.50	1.109	98.05	1.020	-0.05	0.210	0.238
21	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	19.05	19.50	1.109	98.05	1.020	-0.07	0.853	0.965
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	6	2437	SKU 7	Battery1	19.16	19.50	1.081	98.05	1.020	0.1	0.629	0.694
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	11	2462	SKU 7	Battery1	18.99	19.50	1.125	98.05	1.020	0.01	0.742	0.851
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	1	2412	SKU 1	Battery2	19.05	19.50	1.109	98.05	1.020	-0.1	0.844	0.955
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	6	2437	SKU 1	Battery2	19.16	19.50	1.081	98.05	1.020	0.04	0.630	0.695
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	11	2462	SKU 1	Battery2	18.99	19.50	1.125	98.05	1.020	0.02	0.722	0.828
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	1	2412	SKU 2	Battery3	19.05	19.50	1.109	98.05	1.020	0.08	0.682	0.772
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	6	2437	SKU 2	Battery3	19.16	19.50	1.081	98.05	1.020	0.01	0.619	0.683
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	11	2462	SKU 2	Battery3	18.99	19.50	1.125	98.05	1.020	0.1	0.710	0.814
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	1	2412	SKU 5	Battery4	19.05	19.50	1.109	98.05	1.020	0.06	0.745	0.843
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	6	2437	SKU 5	Battery4	19.16	19.50	1.081	98.05	1.020	0.07	0.632	0.697
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	11	2462	SKU 5	Battery4	18.99	19.50	1.125	98.05	1.020	-0.05	0.721	0.827
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 5 Non-DBS	11	2462	SKU 7	Battery1	16.99	17.50	1.125	98.05	1.020	0.11	0.396	0.454
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 5 DBS	11	2462	SKU 7	Battery1	14.98	15.50	1.127	98.05	1.020	0.08	0.239	0.275
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 12	Battery1	15.19	16.50	1.352	99.63	1.004	0.08	0.151	0.205
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 12	Battery1	15.19	16.50	1.352	99.63	1.004	0.01	0.184	0.250
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 12	Battery1	15.19	16.50	1.352	99.63	1.004	0.03	0.513	0.696
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 12	Battery1	15.19	16.50	1.352	99.63	1.004	-0.08	0.432	0.586
22	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 4	Battery2	15.19	16.50	1.352	99.63	1.004	-0.09	0.879	1.193
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	46	5230	SKU 4	Battery2	15.54	16.50	1.247	99.76	1.002	-0.08	0.864	1.080
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 12	Battery3	15.19	16.50	1.352	99.63	1.004	0.02	0.822	1.116
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 12	Battery4	15.19	16.50	1.352	99.63	1.004	0.15	0.834	1.132
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 5 Non-DBS	42	5210	SKU 4	Battery2	13.71	14.50	1.199	99.63	1.004	0.07	0.591	0.712
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 5 DBS	42	5210	SKU 4	Battery2	11.25	13.00	1.496	99.63	1.004	-0.17	0.365	0.548
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	42	5210	SKU 7	Battery1	15.19	16.50	1.352	99.63	1.004	-0.17	0.196	0.266
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	42	5210	SKU 7	Battery1	15.19	16.50	1.352	99.63	1.004	-0.03	0.643	0.873
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	46	5230	SKU 7	Battery1	15.54	16.50	1.247	99.76	1.002	0.04	0.605	0.756
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	42	5210	SKU 7	Battery1	15.19	16.50	1.352	99.63	1.004	0.11	0.400	0.543
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	42	5210	SKU 1	Battery2	15.19	16.50	1.352	99.63	1.004	0.06	0.789	1.071
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	46	5230	SKU 1	Battery2	15.54	16.50	1.247	99.76	1.002	0.18	0.779	0.974
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	42	5210	SKU 2	Battery3	15.19	16.50	1.352	99.63	1.004	0.14	0.665	0.903
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	46	5230	SKU 2	Battery3	15.54	16.50	1.247	99.76	1.002	0.06	0.623	0.779
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	42	5210	SKU 5	Battery4	15.19	16.50	1.352	99.63	1.004	-0.17	0.527	0.715
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 5 Non-DBS	42	5210	SKU 1	Battery2	13.71	14.50	1.199	99.63	1.004	0	0.533	0.642
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 5 DBS	42	5210	SKU 1	Battery2	11.25	13.00	1.496	99.63	1.004	0.08	0.341	0.512
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 12	Battery1	17.23	17.50	1.064	99.29	1.007	0.12	0.265	0.284

	WLAN5GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 12	Battery1	17.23	17.50	1.064	99.29	1.007	0.08	0.347	0.372
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 12	Battery1	17.23	17.50	1.064	99.29	1.007	-0.17	0.707	0.758
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 12	Battery1	17.23	17.50	1.064	99.29	1.007	-0.03	0.450	0.482
23	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 4	Battery2	17.23	17.50	1.064	99.29	1.007	0.15	1.110	1.189
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	151	5755	SKU 4	Battery2	16.60	17.50	1.230	99.76	1.002	0.14	0.893	1.101
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 12	Battery3	17.23	17.50	1.064	99.29	1.007	0.04	0.700	0.750
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 12	Battery4	17.23	17.50	1.064	99.29	1.007	0.15	0.682	0.731
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 5 Non-DBS	155	5775	SKU 4	Battery2	15.06	15.50	1.107	99.29	1.007	-0.18	0.640	0.713
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 5 DBS	155	5775	SKU 4	Battery2	12.89	13.50	1.151	99.29	1.007	0.09	0.373	0.432
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	155	5775	SKU 7	Battery1	17.23	17.50	1.064	99.29	1.007	0.11	0.245	0.263
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	155	5775	SKU 7	Battery1	17.23	17.50	1.064	99.29	1.007	-0.05	0.646	0.692
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	155	5775	SKU 7	Battery1	17.23	17.50	1.064	99.29	1.007	0.18	0.342	0.366
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	155	5775	SKU 1	Battery2	17.23	17.50	1.064	99.29	1.007	0.14	0.662	0.709
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	155	5775	SKU 2	Battery3	17.23	17.50	1.064	99.29	1.007	-0.17	0.646	0.692
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	155	5775	SKU 5	Battery4	17.23	17.50	1.064	99.29	1.007	0.02	0.762	0.817
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	151	5755	SKU 5	Battery4	16.60	17.50	1.230	99.29	1.007	0.01	0.624	0.773
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 5 Non-DBS	155	5775	SKU 5	Battery4	15.06	15.50	1.107	99.29	1.007	-0.09	0.518	0.577
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Gun	Set 5 DBS	155	5775	SKU 5	Battery4	12.89	13.50	1.151	99.29	1.007	-0.01	0.285	0.330

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 6	Brick	Set 1 Non-DBS	0	2402	SKU 12	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	10mm	Ant 6	Brick	Set 1 Non-DBS	0	2402	SKU 12	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 6	Brick	Set 1 Non-DBS	0	2402	SKU 12	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 6	Brick	Set 1 Non-DBS	0	2402	SKU 4	Battery2	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 6	Brick	Set 1 Non-DBS	0	2402	SKU 12	Battery3	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 6	Brick	Set 1 Non-DBS	0	2402	SKU 12	Battery4	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front	10mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 7	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
24	Bluetooth	1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 7	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 1	Battery2	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 2	Battery3	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	10mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 5	Battery4	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front	10mm	Ant 7	Brick	Set 1 Non-DBS	39	2441	SKU 12	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	10mm	Ant 7	Brick	Set 1 Non-DBS	39	2441	SKU 12	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	10mm	Ant 7	Brick	Set 1 Non-DBS	39	2441	SKU 12	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	10mm	Ant 7	Brick	Set 1 Non-DBS	39	2441	SKU 4	Battery2	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	10mm	Ant 7	Brick	Set 1 Non-DBS	39	2441	SKU 12	Battery3	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	10mm	Ant 7	Brick	Set 1 Non-DBS	39	2441	SKU 12	Battery4	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Front	10mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 7	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	10mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 7	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	10mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 1	Battery2	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	10mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 2	Battery3	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	10mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 5	Battery4	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001

13.2 Body Worn Accessory SAR

<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 1	RMC 12.2Kbps	Front	5mm	Brick	DSI 1	WLAN OFF	-	9538	1907.6	SKU12	Battery1	23.47	23.90	1.104	-0.11	0.135	0.149
25	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	9538	1907.6	SKU12	Battery1	23.47	23.90	1.104	0.16	1.070	1.181
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	9262	1852.4	SKU12	Battery1	23.43	23.90	1.114	-0.09	0.951	1.060
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	9400	1880	SKU12	Battery1	23.13	23.90	1.194	0.16	0.957	1.143
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	9538	1907.6	SKU12	Battery1	23.47	23.90	1.104	0.11	0.408	0.450
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	9538	1907.6	SKU12	Battery1	23.47	23.90	1.104	-0.07	0.086	0.095
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	9538	1907.6	SKU12	Battery2	23.47	23.90	1.104	-0.03	1.000	1.104
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	9538	1907.6	SKU12	Battery3	23.47	23.90	1.104	-0.03	1.030	1.137
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	9538	1907.6	SKU4	Battery4	23.47	23.90	1.104	0.05	0.995	1.099
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	9262	1852.4	SKU4	Battery4	23.43	23.90	1.114	0.06	0.980	1.092
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	9400	1880	SKU4	Battery4	23.13	23.90	1.194	0.03	0.977	1.167
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN ON	-	9538	1907.6	SKU12	Battery1	20.35	21.00	1.161	0.06	0.457	0.531
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	15mm	Gun	DSI 1	WLAN OFF	-	9538	1907.6	SKU7	Battery1	23.47	23.90	1.104	-0.17	0.070	0.077
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	9538	1907.6	SKU7	Battery1	23.47	23.90	1.104	-0.02	0.425	0.469
	WCDMA II_Ant 1	RMC 12.2Kbps	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	9538	1907.6	SKU7	Battery1	23.47	23.90	1.104	0.11	0.001	0.001
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	9538	1907.6	SKU1	Battery2	23.47	23.90	1.104	0.08	0.390	0.431
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	9538	1907.6	SKU2	Battery3	23.47	23.90	1.104	-0.11	0.421	0.465
	WCDMA II_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	9538	1907.6	SKU5	Battery4	23.47	23.90	1.104	0.03	0.393	0.434
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	5mm	Brick	DSI 1	WLAN OFF	-	1513	1752.6	SKU12	Battery1	23.22	23.30	1.019	0.09	0.122	0.124
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1513	1752.6	SKU12	Battery1	23.22	23.30	1.019	-0.05	0.947	0.965
26	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1312	1712.4	SKU12	Battery1	23.03	23.30	1.064	-0.14	1.090	1.160
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1413	1732.6	SKU12	Battery1	22.70	23.30	1.148	-0.15	0.956	1.098
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	1513	1752.6	SKU12	Battery1	23.22	23.30	1.019	0.09	0.160	0.163
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	1513	1752.6	SKU12	Battery1	23.22	23.30	1.019	-0.11	0.050	0.051
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1312	1712.4	SKU12	Battery2	23.03	23.30	1.064	-0.03	1.030	1.096
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1312	1712.4	SKU12	Battery3	23.03	23.30	1.064	0.07	0.998	1.062
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1312	1712.4	SKU4	Battery4	23.03	23.30	1.064	-0.09	1.010	1.075
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1413	1732.6	SKU4	Battery4	22.70	23.30	1.148	-0.04	0.995	1.142
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1513	1752.6	SKU4	Battery4	23.22	23.30	1.019	0.12	0.944	0.962
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN ON	-	1312	1712.4	SKU12	Battery1	20.06	20.50	1.107	0.04	0.538	0.595
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	15mm	Gun	DSI 1	WLAN OFF	-	1513	1752.6	SKU7	Battery1	23.22	23.30	1.019	-0.08	0.060	0.061
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	1513	1752.6	SKU7	Battery1	23.22	23.30	1.019	-0.02	0.379	0.386
	WCDMA IV_Ant 1	RMC 12.2Kbps	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	1513	1752.6	SKU7	Battery1	23.22	23.30	1.019	0.08	0.001	0.001
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	1513	1752.6	SKU1	Battery2	23.22	23.30	1.019	-0.06	0.375	0.382
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	1513	1752.6	SKU2	Battery3	23.22	23.30	1.019	-0.12	0.346	0.352
	WCDMA IV_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	1513	1752.6	SKU5	Battery4	23.22	23.30	1.019	-0.03	0.360	0.367
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	5mm	Brick	DSI 1	WLAN OFF	-	4132	826.4	SKU12	Battery1	24.56	25.00	1.107	0	0.590	0.653
27	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	4132	826.4	SKU12	Battery1	24.56	25.00	1.107	-0.03	0.886	0.980
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	4182	836.4	SKU12	Battery1	24.23	25.00	1.194	-0.06	0.666	0.795
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	4233	846.6	SKU12	Battery1	24.47	25.00	1.130	-0.12	0.574	0.649
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	4132	826.4	SKU12	Battery1	24.56	25.00	1.107	0.11	0.085	0.094
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	4132	826.4	SKU12	Battery1	24.56	25.00	1.107	0.05	0.168	0.186
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	4132	826.4	SKU12	Battery2	24.56	25.00	1.107	-0.03	0.880	0.974
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	4132	826.4	SKU12	Battery3	24.56	25.00	1.107	-0.03	0.813	0.900
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	4132	826.4	SKU4	Battery4	24.56	25.00	1.107	0.08	0.864	0.956
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	4182	836.4	SKU4	Battery4	24.23	25.00	1.194	0.17	0.658	0.786
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	4233	846.6	SKU4	Battery4	24.47	25.00	1.130	0.09	0.588	0.664
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN ON	-	4132	826.4	SKU12	Battery1	22.28	23.00	1.180	-0.12	0.486	0.574
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	15mm	Gun	DSI 1	WLAN OFF	-	4132	826.4	SKU7	Battery1	24.56	25.00	1.107	-0.04	0.217	0.240
	WCDMA V_Ant 1	RMC 12.2Kbps	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	4132	826.4	SKU7	Battery1	24.56	25.00	1.107	-0.17	0.206	0.228

	WCDMA V_Ant 1	RMC 12.2Kbps	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	4132	826.4	SKU7	Battery1	24.56	25.00	1.107	0.01	0.173	0.191
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	15mm	Gun	DSI 1	WLAN OFF	-	4132	826.4	SKU1	Battery2	24.56	25.00	1.107	0.05	0.212	0.235
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	15mm	Gun	DSI 1	WLAN OFF	-	4132	826.4	SKU2	Battery3	24.56	25.00	1.107	-0.08	0.205	0.227
	WCDMA V_Ant 1	RMC 12.2Kbps	Front	15mm	Gun	DSI 1	WLAN OFF	-	4132	826.4	SKU5	Battery4	24.56	25.00	1.107	0	0.196	0.217

<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 2_Ant 1	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery1	24.64	24.70	1.014	-0.16	0.173	0.175
	LTE Band 2_Ant 1	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery1	23.60	23.90	1.072	-0.06	0.133	0.143
28	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery1	24.64	24.70	1.014	-0.08	1.150	1.166
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18900	1880	SKU12	Battery1	24.38	24.70	1.076	-0.11	1.050	1.130
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	19100	1900	SKU12	Battery1	24.10	24.70	1.148	-0.17	1.010	1.160
	LTE Band 2_Ant 1	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery1	23.60	23.90	1.072	-0.17	0.885	0.948
	LTE Band 2_Ant 1	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18900	1880	SKU12	Battery1	23.32	23.90	1.143	0.03	0.811	0.927
	LTE Band 2_Ant 1	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	19100	1900	SKU12	Battery1	23.28	23.90	1.153	0.01	0.788	0.909
	LTE Band 2_Ant 1	20M	QPSK	100	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery1	23.47	23.90	1.104	-0.19	0.691	0.763
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	18700	1860	SKU12	Battery1	24.64	24.70	1.014	-0.03	0.404	0.410
	LTE Band 2_Ant 1	20M	QPSK	50	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	18700	1860	SKU12	Battery1	23.60	23.90	1.072	0.18	0.297	0.318
	LTE Band 2_Ant 1	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	18700	1860	SKU12	Battery1	24.64	24.70	1.014	-0.15	0.001	0.001
	LTE Band 2_Ant 1	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	18700	1860	SKU12	Battery1	23.60	23.90	1.072	0.02	0.001	0.001
	LTE Band 2C_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700+18898	1860	SKU12	Battery1	24.38	24.70	1.076	0.19	1.020	1.098
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery2	24.64	24.70	1.014	-0.08	1.070	1.085
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery3	24.64	24.70	1.014	-0.03	1.100	1.115
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU4	Battery4	24.64	24.70	1.014	0.11	1.040	1.054
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18900	1880	SKU4	Battery4	24.38	24.70	1.076	0.1	0.988	1.064
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	19100	1900	SKU4	Battery4	24.10	24.70	1.148	0.02	0.959	1.101
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN ON	-	18700	1860	SKU12	Battery1	21.63	22.00	1.089	0.19	0.524	0.571
	LTE Band 2_Ant 1	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	18700	1860	SKU7	Battery1	24.64	24.70	1.014	-0.18	0.063	0.064
	LTE Band 2_Ant 1	20M	QPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	18700	1860	SKU7	Battery1	23.60	23.90	1.072	0.1	0.047	0.050
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	18700	1860	SKU7	Battery1	24.64	24.70	1.014	-0.05	0.421	0.427
	LTE Band 2_Ant 1	20M	QPSK	50	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	18700	1860	SKU7	Battery1	23.60	23.90	1.072	-0.18	0.327	0.350
	LTE Band 2_Ant 1	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	18700	1860	SKU7	Battery1	24.64	24.70	1.014	-0.07	0.001	0.001
	LTE Band 2_Ant 1	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	18700	1860	SKU7	Battery1	23.60	23.90	1.072	0.08	0.001	0.001
	LTE Band 2C_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	18700+18898	1860	SKU7	Battery1	24.38	24.70	1.076	0.11	0.381	0.410
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	18700	1860	SKU1	Battery2	24.64	24.70	1.014	-0.02	0.396	0.402
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	18700	1860	SKU2	Battery3	24.64	24.70	1.014	-0.03	0.419	0.425
	LTE Band 2_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	18700	1860	SKU5	Battery4	24.64	24.70	1.014	0.11	0.376	0.381

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 5	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	21100	2535	SKU12	Battery1	25.38	25.70	1.076	0.01	0.654	0.704
	LTE Band 7_Ant 5	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	21100	2535	SKU12	Battery1	24.42	24.70	1.067	0.1	0.515	0.549
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	21100	2535	SKU12	Battery1	25.38	25.70	1.076	0.09	0.974	1.048
29	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	20850	2510	SKU12	Battery1	25.24	25.70	1.112	-0.15	1.070	1.190
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	21350	2560	SKU12	Battery1	25.31	25.70	1.094	-0.14	1.060	1.160
	LTE Band 7_Ant 5	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	21100	2535	SKU12	Battery1	24.42	24.70	1.067	0.06	0.758	0.808
	LTE Band 7_Ant 5	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	20850	2510	SKU12	Battery1	24.32	24.70	1.091	0	0.824	0.899
	LTE Band 7_Ant 5	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	21350	2560	SKU12	Battery1	24.23	24.70	1.114	0.16	0.797	0.888
	LTE Band 7_Ant 5	20M	QPSK	100	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	20850	2510	SKU12	Battery1	24.36	24.70	1.081	0.13	0.723	0.782
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	21100	2535	SKU12	Battery1	25.38	25.70	1.076	-0.09	0.356	0.383
	LTE Band 7_Ant 5	20M	QPSK	50	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	21100	2535	SKU12	Battery1	24.42	24.70	1.067	-0.13	0.266	0.284
	LTE Band 7_Ant 5	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	21100	2535	SKU12	Battery1	25.38	25.70	1.076	-0.18	0.741	0.798
	LTE Band 7_Ant 5	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	21100	2535	SKU12	Battery1	24.42	24.70	1.067	-0.12	0.662	0.706
	LTE Band 7C_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	21100+20902	2535	SKU12	Battery1	25.31	25.70	1.094	0.05	1.000	1.094
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	20850	2510	SKU12	Battery2	25.24	25.70	1.112	-0.15	1.030	1.145
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	20850	2510	SKU12	Battery3	25.24	25.70	1.112	-0.12	1.000	1.112
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	20850	2510	SKU4	Battery4	25.24	25.70	1.112	-0.14	1.030	1.145
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	21100	2535	SKU4	Battery4	25.38	25.70	1.076	-0.03	0.970	1.044
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	21350	2560	SKU4	Battery4	25.31	25.70	1.094	-0.11	1.000	1.094
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN ON	-	20850	2510	SKU12	Battery1	23.39	23.80	1.099	-0.07	0.522	0.574
	LTE Band 7_Ant 5	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	21100	2535	SKU7	Battery1	25.38	25.70	1.076	-0.03	0.176	0.189
	LTE Band 7_Ant 5	20M	QPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	21100	2535	SKU7	Battery1	24.42	24.70	1.067	0.01	0.129	0.138
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	21100	2535	SKU7	Battery1	25.38	25.70	1.076	-0.07	0.448	0.482
	LTE Band 7_Ant 5	20M	QPSK	50	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	21100	2535	SKU7	Battery1	24.42	24.70	1.067	-0.13	0.421	0.449
	LTE Band 7_Ant 5	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	21100	2535	SKU7	Battery1	25.38	25.70	1.076	0.1	0.439	0.473
	LTE Band 7_Ant 5	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	21100	2535	SKU7	Battery1	24.42	24.70	1.067	-0.06	0.403	0.430
	LTE Band 7C_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	21100+20902	2535	SKU7	Battery1	25.31	25.70	1.094	0.09	0.422	0.462
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	21100	2535	SKU1	Battery2	25.38	25.70	1.076	0.11	0.401	0.432
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	21100	2535	SKU2	Battery3	25.38	25.70	1.076	-0.12	0.426	0.459
	LTE Band 7_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	21100	2535	SKU5	Battery4	25.38	25.70	1.076	0.1	0.441	0.475
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	23095	707.5	SKU12	Battery1	25.53	25.70	1.040	0.02	0.273	0.284
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	23095	707.5	SKU12	Battery1	24.58	24.70	1.028	-0.07	0.232	0.238
30	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	23095	707.5	SKU12	Battery1	25.53	25.70	1.040	0.02	0.477	0.496
	LTE Band 12_Ant 1	10M	QPSK	25	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	23095	707.5	SKU12	Battery1	24.58	24.70	1.028	-0.15	0.429	0.441
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	23095	707.5	SKU12	Battery1	25.53	25.70	1.040	-0.12	0.001	0.001
	LTE Band 12_Ant 1	10M	QPSK	25	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	23095	707.5	SKU12	Battery1	24.58	24.70	1.028	-0.1	0.001	0.001
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	23095	707.5	SKU12	Battery1	25.53	25.70	1.040	0.08	0.090	0.094
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	23095	707.5	SKU12	Battery1	24.58	24.70	1.028	-0.01	0.037	0.038
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	23095	707.5	SKU12	Battery2	25.53	25.70	1.040	0	0.446	0.464
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	23095	707.5	SKU12	Battery3	25.53	25.70	1.040	-0.19	0.468	0.487
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	23095	707.5	SKU4	Battery4	25.53	25.70	1.040	0.02	0.421	0.438
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	23095	707.5	SKU7	Battery1	25.53	25.70	1.040	-0.01	0.119	0.124
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	23095	707.5	SKU7	Battery1	24.58	24.70	1.028	0.11	0.100	0.103
	LTE Band 12_Ant 1	10M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	23095	707.5	SKU7	Battery1	25.53	25.70	1.040	0.01	0.103	0.107
	LTE Band 12_Ant 1	10M	QPSK	25	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	23095	707.5	SKU7	Battery1	24.58	24.70	1.028	-0.08	0.076	0.078
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	23095	707.5	SKU7	Battery1	25.53	25.70	1.040	-0.1	0.086	0.089
	LTE Band 12_Ant 1	10M	QPSK	25	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	23095	707.5	SKU7	Battery1	24.58	24.70	1.028	0.1	0.048	0.049
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	23095	707.5	SKU1	Battery2	25.53	25.70	1.040	-0.14	0.116	0.121
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	23095	707.5	SKU2	Battery3	25.53	25.70	1.040	-0.02	0.113	0.118
	LTE Band 12_Ant 1	10M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	23095	707.5	SKU5	Battery4	25.53	25.70	1.040	-0.19	0.102	0.106

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 26_Ant 1	15M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery1	25.47	25.70	1.054			-0.07	0.725	0.764
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery1	24.53	24.70	1.040			-0.15	0.623	0.648
31	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery1	25.47	25.70	1.054			0.05	0.971	1.024
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery1	24.53	24.70	1.040			-0.09	0.823	0.856
	LTE Band 26_Ant 1	15M	QPSK	75	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery1	24.48	24.70	1.052			0.09	0.700	0.736
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	26865	831.5	SKU12	Battery1	25.47	25.70	1.054			-0.07	0.104	0.110
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	26865	831.5	SKU12	Battery1	24.53	24.70	1.040			-0.15	0.070	0.073
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	26865	831.5	SKU12	Battery1	25.47	25.70	1.054			-0.05	0.199	0.210
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	26865	831.5	SKU12	Battery1	24.53	24.70	1.040			-0.13	0.120	0.125
	LTE Band 5B_Ant 1	15M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	20475+20574	831.5	SKU12	Battery1	25.30	25.70	1.096			-0.01	0.896	0.982
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery2	25.47	25.70	1.054			0.17	0.966	1.019
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery3	25.47	25.70	1.054			0.15	0.953	1.005
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU4	Battery4	25.47	25.70	1.054			0.07	0.953	1.005
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN ON	-	26865	831.5	SKU12	Battery1	22.89	23.50	1.151			-0.01	0.460	0.529
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	26865	831.5	SKU7	Battery1	25.47	25.70	1.054			0.01	0.237	0.250
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	26865	831.5	SKU7	Battery1	24.53	24.70	1.040			-0.16	0.200	0.208
	LTE Band 26_Ant 1	15M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	26865	831.5	SKU7	Battery1	25.47	25.70	1.054			-0.1	0.155	0.163
	LTE Band 26_Ant 1	15M	QPSK	36	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	26865	831.5	SKU7	Battery1	24.53	24.70	1.040			-0.08	0.115	0.120
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	26865	831.5	SKU7	Battery1	25.47	25.70	1.054			0.11	0.140	0.148
	LTE Band 26_Ant 1	15M	QPSK	36	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	26865	831.5	SKU7	Battery1	24.53	24.70	1.040			0.06	0.103	0.107
	LTE Band 5B_Ant 1	15M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	20475+20574	831.5	SKU7	Battery1	25.30	25.70	1.096			0.03	0.199	0.218
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	26865	831.5	SKU1	Battery2	25.47	25.70	1.054			-0.1	0.208	0.219
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	26865	831.5	SKU2	Battery3	25.47	25.70	1.054			0.01	0.234	0.247
	LTE Band 26_Ant 1	15M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	26865	831.5	SKU5	Battery4	25.47	25.70	1.054			0.07	0.221	0.233
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	132072	1720	SKU12	Battery1	22.30	22.60	1.072			-0.17	0.127	0.136
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	132072	1720	SKU12	Battery1	21.31	21.60	1.069			-0.09	0.100	0.107
32	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132072	1720	SKU12	Battery1	22.30	22.60	1.072			-0.09	0.953	1.021
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132322	1745	SKU12	Battery1	22.18	22.60	1.102			-0.12	0.862	0.950
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132572	1770	SKU12	Battery1	22.00	22.60	1.148			0.06	0.727	0.835
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132072	1720	SKU12	Battery1	21.31	21.60	1.069			-0.1	0.843	0.901
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132322	1745	SKU12	Battery1	21.10	21.60	1.122			0.03	0.743	0.834
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132572	1770	SKU12	Battery1	21.12	21.60	1.117			-0.05	0.700	0.782
	LTE Band 66_Ant 1	20M	QPSK	100	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132072	1720	SKU12	Battery1	21.21	21.60	1.094			-0.18	0.711	0.778
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	132072	1720	SKU12	Battery1	22.30	22.60	1.072			0.08	0.118	0.126
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	132072	1720	SKU12	Battery1	21.31	21.60	1.069			-0.01	0.081	0.087
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	132072	1720	SKU12	Battery1	22.30	22.60	1.072			0.02	0.001	0.001
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	132072	1720	SKU12	Battery1	21.31	21.60	1.069			-0.06	0.001	0.001
	LTE Band 66B_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132322+132229	1745	SKU12	Battery1	22.24	22.60	1.086			0.03	0.922	1.002
	LTE Band 66C_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132322+132124	1745	SKU12	Battery1	22.23	22.60	1.089			0.13	0.903	0.983
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132072	1720	SKU12	Battery2	22.30	22.60	1.072			0.05	0.902	0.967
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132072	1720	SKU12	Battery3	22.30	22.60	1.072			0.11	0.916	0.982
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132072	1720	SKU4	Battery4	22.30	22.60	1.072			-0.01	0.902	0.967
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132322	1745	SKU4	Battery4	22.18	22.60	1.102			0	0.885	0.975
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	132572	1770	SKU4	Battery4	22.00	22.60	1.148			0.15	0.793	0.910
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN ON	-	132072	1720	SKU12	Battery1	20.43	20.60	1.040			-0.13	0.521	0.542
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	132072	1720	SKU7	Battery1	22.30	22.60	1.072			0.11	0.049	0.053
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	132072	1720	SKU7	Battery1	21.31	21.60	1.069			-0.19	0.023	0.025
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	132072	1720	SKU7	Battery1	22.30	22.60	1.072			0.05	0.469	0.503
	LTE Band 66_Ant 1	20M	QPSK	50	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	132072	1720	SKU7	Battery1	21.31	21.60	1.069			-0.17	0.400	0.428
	LTE Band 66_Ant 1	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	132072	1720	SKU7	Battery1	22.30	22.60	1.072			-0.08	0.001	0.001
	LTE Band 66_Ant 1	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	132072	1720	SKU7	Battery1	21.31	21.60	1.069			-0.04	0.001	0.001
	LTE Band 66B_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	132322+132229	1745	SKU1	Battery2	22.24	22.60	1.086			0.08	0.444	0.482

	LTE Band 66C_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	132322+132124	1745	SKU2	Battery3	22.23	22.60	1.089			0.13	0.431	0.469
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	132072	1720	SKU1	Battery2	22.30	22.60	1.072			0.09	0.396	0.424
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	132072	1720	SKU2	Battery3	22.30	22.60	1.072			-0.08	0.401	0.430
	LTE Band 66_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	132072	1720	SKU5	Battery4	22.30	22.60	1.072			0.03	0.399	0.428
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	133297	680.5	SKU12	Battery1	24.85	25.00	1.035			-0.04	0.165	0.171
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	133297	680.5	SKU12	Battery1	23.89	24.00	1.026			-0.19	0.132	0.135
33	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	133297	680.5	SKU12	Battery1	24.85	25.00	1.035			0.02	0.253	0.262
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	133297	680.5	SKU12	Battery1	23.89	24.00	1.026			0.07	0.219	0.225
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	133297	680.5	SKU12	Battery1	24.85	25.00	1.035			-0.11	0.001	0.001
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	133297	680.5	SKU12	Battery1	23.89	24.00	1.026			0.02	0.001	0.001
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	133297	680.5	SKU12	Battery1	24.85	25.00	1.035			-0.19	0.080	0.083
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	133297	680.5	SKU12	Battery1	23.89	24.00	1.026			0.1	0.060	0.062
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	133297	680.5	SKU12	Battery2	24.85	25.00	1.035			0.12	0.241	0.249
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	133297	680.5	SKU12	Battery3	24.85	25.00	1.035			0.06	0.250	0.259
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	133297	680.5	SKU4	Battery4	24.85	25.00	1.035			-0.15	0.234	0.242
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	133297	680.5	SKU7	Battery1	24.85	25.00	1.035			-0.02	0.092	0.095
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	133297	680.5	SKU7	Battery1	23.89	24.00	1.026			-0.09	0.077	0.079
	LTE Band 71_Ant 1	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	133297	680.5	SKU7	Battery1	24.85	25.00	1.035			-0.16	0.072	0.075
	LTE Band 71_Ant 1	20M	QPSK	50	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	133297	680.5	SKU7	Battery1	23.89	24.00	1.026			0.07	0.048	0.049
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	133297	680.5	SKU7	Battery1	24.85	25.00	1.035			-0.04	0.080	0.083
	LTE Band 71_Ant 1	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	133297	680.5	SKU7	Battery1	23.89	24.00	1.026			0.04	0.051	0.052
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	133297	680.5	SKU1	Battery2	24.85	25.00	1.035			-0.08	0.088	0.091
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	133297	680.5	SKU2	Battery3	24.85	25.00	1.035			0.02	0.086	0.089
	LTE Band 71_Ant 1	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	133297	680.5	SKU5	Battery4	24.85	25.00	1.035			-0.11	0.081	0.084
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	40620	2593	SKU12	Battery1	24.76	25.00	1.057	62.9	1.006	-0.09	0.240	0.255
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	40620	2593	SKU12	Battery1	23.77	24.00	1.054	62.9	1.006	-0.08	0.207	0.220
34	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	40620	2593	SKU12	Battery1	24.76	25.00	1.057	62.9	1.006	0.12	0.463	0.492
	LTE Band 41_Ant 5	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	40620	2593	SKU12	Battery1	23.77	24.00	1.054	62.9	1.006	-0.08	0.365	0.387
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	40620	2593	SKU12	Battery1	24.76	25.00	1.057	62.9	1.006	-0.07	0.120	0.128
	LTE Band 41_Ant 5	20M	QPSK	50	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	40620	2593	SKU12	Battery1	23.77	24.00	1.054	62.9	1.006	0	0.099	0.105
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	40620	2593	SKU12	Battery1	24.76	25.00	1.057	62.9	1.006	-0.17	0.196	0.208
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	40620	2593	SKU12	Battery1	23.77	24.00	1.054	62.9	1.006	0.04	0.135	0.143
	LTE Band 41C_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	40620+40422	2593	SKU12	Battery1	24.52	25.00	1.117	62.9	1.006	0.02	0.433	0.487
	LTE Band 41D_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	40620+40422	2593	SKU12	Battery1	24.42	25.00	1.143	62.9	1.006	0.18	0.421	0.484
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	40620	2593	SKU12	Battery2	24.76	25.00	1.057	62.9	1.006	-0.13	0.419	0.445
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	40620	2593	SKU12	Battery3	24.76	25.00	1.057	62.9	1.006	-0.08	0.407	0.433
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	40620	2593	SKU4	Battery4	24.76	25.00	1.057	62.9	1.006	0.06	0.410	0.436
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	40620	2593	SKU7	Battery1	24.76	25.00	1.057	62.9	1.006	-0.19	0.079	0.084
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	40620	2593	SKU7	Battery1	23.77	24.00	1.054	62.9	1.006	-0.07	0.060	0.064
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	40620	2593	SKU7	Battery1	24.76	25.00	1.057	62.9	1.006	-0.01	0.213	0.226
	LTE Band 41_Ant 5	20M	QPSK	50	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	40620	2593	SKU7	Battery1	23.77	24.00	1.054	62.9	1.006	-0.01	0.171	0.181
	LTE Band 41_Ant 5	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	40620	2593	SKU7	Battery1	24.76	25.00	1.057	62.9	1.006	0	0.207	0.220
	LTE Band 41_Ant 5	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	40620	2593	SKU7	Battery1	23.77	24.00	1.054	62.9	1.006	-0.18	0.160	0.170
	LTE Band 41C_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	40620+40422	2593	SKU7	Battery1	24.52	25.00	1.117	62.9	1.006	0.01	0.179	0.201
	LTE Band 41D_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	40620+40422	2593	SKU7	Battery1	24.42	25.00	1.143	62.9	1.006	0.17	0.182	0.209
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	40620	2593	SKU1	Battery2	24.76	25.00	1.057	62.9	1.006	-0.16	0.202	0.215
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	40620	2593	SKU2	Battery3	24.76	25.00	1.057	62.9	1.006	-0.06	0.203	0.216
	LTE Band 41_Ant 5	20M	QPSK	1	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	40620	2593	SKU5	Battery4	24.76	25.00	1.057	62.9	1.006	-0.17	0.159	0.169
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42590	3500	SKU12	Battery1	24.53	25.00	1.114	62.9	1.006	-0.08	0.723	0.810
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42190	3460	SKU12	Battery1	24.52	25.00	1.117	62.9	1.006	-0.19	0.503	0.565
35	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42990	3540	SKU12	Battery1	24.50	25.00	1.122	62.9	1.006	0.1	0.743	0.839
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42590	3500	SKU12	Battery1	23.59	24.00	1.099	62.9	1.006	0.01	0.611	0.676
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42190	3460	SKU12	Battery1	23.53	24.00	1.114	62.9	1.006	0.01	0.423	0.474
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42990	3540	SKU12	Battery1	23.55	24.00	1.109	62.9	1.006	0.01	0.633	0.706
	LTE Band 42_Ant 8	20M	QPSK	100	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42990	3540	SKU12	Battery1	23.52	24.00	1.117	62.9	1.006	0.01	0.590	0.663
	LTE Band 42_Ant 8	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	42590	3500	SKU12	Battery1	24.53	25.00	1.114	62.9	1.006	-0.12	0.566	0.634

	LTE Band 42_Ant 8	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	42590	3500	SKU12	Battery1	23.59	24.00	1.099	62.9	1.006	-0.06	0.509	0.563
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	42590	3500	SKU12	Battery1	24.53	25.00	1.114	62.9	1.006	0.04	0.234	0.262
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	42590	3500	SKU12	Battery1	23.59	24.00	1.099	62.9	1.006	-0.03	0.201	0.222
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	42590	3500	SKU12	Battery1	24.53	25.00	1.114	62.9	1.006	0.08	0.430	0.482
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	42590	3500	SKU12	Battery1	23.59	24.00	1.099	62.9	1.006	-0.19	0.377	0.417
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42590	3500	SKU12	Battery2	24.53	25.00	1.114	62.9	1.006	0.15	0.722	0.809
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42590	3500	SKU12	Battery3	24.53	25.00	1.114	62.9	1.006	0	0.731	0.819
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	42590	3500	SKU4	Battery4	24.53	25.00	1.114	62.9	1.006	-0.13	0.738	0.827
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	42590	3500	SKU7	Battery1	24.53	25.00	1.114	62.9	1.006	-0.08	0.288	0.323
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	42590	3500	SKU7	Battery1	23.59	24.00	1.099	62.9	1.006	-0.15	0.243	0.269
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	42590	3500	SKU7	Battery1	24.53	25.00	1.114	62.9	1.006	-0.15	0.595	0.667
	LTE Band 42_Ant 8	20M	QPSK	50	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	42590	3500	SKU7	Battery1	23.59	24.00	1.099	62.9	1.006	0.03	0.529	0.585
	LTE Band 42_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	42590	3500	SKU7	Battery1	24.53	25.00	1.114	62.9	1.006	-0.12	0.303	0.340
	LTE Band 42_Ant 8	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	42590	3500	SKU7	Battery1	23.59	24.00	1.099	62.9	1.006	-0.02	0.277	0.306
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	42590	3500	SKU1	Battery2	24.53	25.00	1.114	62.9	1.006	-0.18	0.581	0.651
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	42590	3500	SKU2	Battery3	24.53	25.00	1.114	62.9	1.006	0.01	0.531	0.595
	LTE Band 42_Ant 8	20M	QPSK	1	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	42590	3500	SKU5	Battery4	24.53	25.00	1.114	62.9	1.006	-0.11	0.541	0.606
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	44690	3710	SKU12	Battery1	24.10	25.00	1.230	62.9	1.006	-0.03	0.701	0.868
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	44690	3710	SKU12	Battery1	23.03	24.00	1.250	62.9	1.006	-0.1	0.602	0.757
	LTE Band 43_Ant 8	20M	QPSK	1	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	44690	3710	SKU12	Battery1	24.10	25.00	1.230	62.9	1.006	-0.12	0.582	0.720
	LTE Band 43_Ant 8	20M	QPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	44690	3710	SKU12	Battery1	23.03	24.00	1.250	62.9	1.006	-0.19	0.543	0.683
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	44690	3710	SKU12	Battery1	24.10	25.00	1.230	62.9	1.006	0.11	0.435	0.538
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	44690	3710	SKU12	Battery1	23.03	24.00	1.250	62.9	1.006	-0.11	0.411	0.517
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	44690	3710	SKU12	Battery1	24.10	25.00	1.230	62.9	1.006	-0.13	0.675	0.835
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	44690	3710	SKU12	Battery1	23.03	24.00	1.250	62.9	1.006	-0.04	0.623	0.784
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	44690	3710	SKU12	Battery2	24.10	25.00	1.230	62.9	1.006	-0.15	0.664	0.822
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	44690	3710	SKU12	Battery3	24.10	25.00	1.230	62.9	1.006	-0.12	0.629	0.778
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	45490	3790	SKU4	Battery4	23.70	25.00	1.349	62.9	1.006	-0.08	0.635	0.862
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	44690	3710	SKU7	Battery1	24.10	25.00	1.230	62.9	1.006	0.03	0.284	0.351
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	44690	3710	SKU7	Battery1	23.03	24.00	1.250	62.9	1.006	-0.18	0.221	0.278
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	44690	3710	SKU7	Battery1	24.10	25.00	1.230	62.9	1.006	0.11	0.624	0.772
	LTE Band 43_Ant 8	20M	QPSK	50	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	44690	3710	SKU7	Battery1	23.03	24.00	1.250	62.9	1.006	-0.08	0.583	0.733
36	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	44690	3710	SKU7	Battery1	24.10	25.00	1.230	62.9	1.006	-0.16	0.795	0.984
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45090	3750	SKU7	Battery1	23.96	25.00	1.271	62.9	1.006	0.02	0.761	0.973
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45490	3790	SKU7	Battery1	23.70	25.00	1.349	62.9	1.006	-0.15	0.703	0.954
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	44690	3710	SKU7	Battery1	23.03	24.00	1.250	62.9	1.006	-0.19	0.622	0.782
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45090	3750	SKU7	Battery1	22.90	24.00	1.288	62.9	1.006	0.15	0.583	0.756
	LTE Band 43_Ant 8	20M	QPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45490	3790	SKU7	Battery1	22.60	24.00	1.380	62.9	1.006	0.02	0.511	0.710
	LTE Band 43_Ant 8	20M	QPSK	100	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	44690	3710	SKU7	Battery1	23.01	24.00	1.256	62.9	1.006	0.09	0.599	0.757
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	44690	3710	SKU1	Battery2	24.10	25.00	1.230	62.9	1.006	0.08	0.780	0.965
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45090	3750	SKU1	Battery2	23.96	25.00	1.271	62.9	1.006	0.13	0.733	0.937
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45490	3790	SKU1	Battery2	23.70	25.00	1.349	62.9	1.006	0.14	0.700	0.950
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	44690	3710	SKU2	Battery3	24.10	25.00	1.230	62.9	1.006	-0.02	0.762	0.943
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45090	3750	SKU2	Battery3	23.96	25.00	1.271	62.9	1.006	-0.17	0.728	0.931
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45490	3790	SKU2	Battery3	23.70	25.00	1.349	62.9	1.006	0.19	0.682	0.926
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	44690	3710	SKU5	Battery4	24.10	25.00	1.230	62.9	1.006	-0.06	0.717	0.887
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45090	3750	SKU5	Battery4	23.96	25.00	1.271	62.9	1.006	0.15	0.765	0.978
	LTE Band 43_Ant 8	20M	QPSK	1	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	45490	3790	SKU5	Battery4	23.70	25.00	1.349	62.9	1.006	0.13	0.698	0.947

<5G NR SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 n2_Ant 1	20M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	372000	1860	SKU12	Battery1	23.83	23.90	1.016	-0.12	0.141	0.143
	FR1 n2_Ant 1	20M	BPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	372000	1860	SKU12	Battery1	23.64	23.90	1.062	0	0.111	0.118
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	372000	1860	SKU12	Battery1	23.83	23.90	1.016	0.08	0.991	1.007
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	376000	1880	SKU12	Battery1	23.82	23.90	1.019	0.01	1.050	1.070
37	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	380000	1900	SKU12	Battery1	23.46	23.90	1.107	0.13	1.060	1.173
	FR1 n2_Ant 1	20M	BPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	372000	1860	SKU12	Battery1	23.64	23.90	1.062	0.02	0.813	0.863
	FR1 n2_Ant 1	20M	BPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	376000	1880	SKU12	Battery1	23.57	23.90	1.079	0.11	0.868	0.937
	FR1 n2_Ant 1	20M	BPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	380000	1900	SKU12	Battery1	23.57	23.90	1.079	-0.06	0.877	0.946
	FR1 n2_Ant 1	20M	BPSK	100	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	380000	1900	SKU12	Battery1	23.46	23.90	1.107	0.05	0.802	0.888
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	372000	1860	SKU12	Battery1	23.83	23.90	1.016	-0.19	0.293	0.298
	FR1 n2_Ant 1	20M	BPSK	50	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	372000	1860	SKU12	Battery1	23.64	23.90	1.062	0.05	0.261	0.277
	FR1 n2_Ant 1	20M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	372000	1860	SKU12	Battery1	23.83	23.90	1.016	-0.13	0.001	0.001
	FR1 n2_Ant 1	20M	BPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	372000	1860	SKU12	Battery1	23.64	23.90	1.062	-0.14	0.001	0.001
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	380000	1900	SKU12	Battery2	23.46	23.90	1.107	0	0.998	1.104
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	380000	1900	SKU12	Battery3	23.46	23.90	1.107	0.06	1.000	1.107
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	380000	1900	SKU4	Battery4	23.46	23.90	1.107	0.02	1.050	1.162
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	372000	1860	SKU4	Battery4	23.83	23.90	1.016	0.03	1.010	1.026
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	376000	1880	SKU4	Battery4	23.82	23.90	1.019	0.12	1.070	1.090
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN ON	-	380000	1900	SKU12	Battery1	20.97	21.60	1.156	-0.02	0.468	0.541
	FR1 n2_Ant 1	20M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	372000	1860	SKU7	Battery1	23.83	23.90	1.016	0	0.054	0.055
	FR1 n2_Ant 1	20M	BPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	372000	1860	SKU7	Battery1	23.64	23.90	1.062	0.08	0.040	0.042
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	372000	1860	SKU7	Battery1	23.83	23.90	1.016	0.01	0.466	0.474
	FR1 n2_Ant 1	20M	BPSK	50	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	372000	1860	SKU7	Battery1	23.64	23.90	1.062	-0.04	0.412	0.437
	FR1 n2_Ant 1	20M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	372000	1860	SKU7	Battery1	23.83	23.90	1.016	0.1	0.001	0.001
	FR1 n2_Ant 1	20M	BPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	372000	1860	SKU7	Battery1	23.64	23.90	1.062	-0.08	0.001	0.001
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	372000	1860	SKU1	Battery2	23.83	23.90	1.016	0.01	0.488	0.496
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	372000	1860	SKU2	Battery3	23.83	23.90	1.016	0	0.500	0.508
	FR1 n2_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	372000	1860	SKU5	Battery4	23.83	23.90	1.016	-0.12	0.433	0.440
	FR1 n7_Ant 5	40M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery1	25.49	25.70	1.050	-0.14	0.517	0.543
	FR1 n7_Ant 5	40M	BPSK	108	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery1	25.18	25.70	1.127	0.04	0.455	0.513
38	FR1 n7_Ant 5	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery1	25.49	25.70	1.050	-0.1	1.110	1.165
	FR1 n7_Ant 5	40M	BPSK	108	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery1	25.18	25.70	1.127	0.04	1.000	1.127
	FR1 n7_Ant 5	40M	BPSK	216	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery1	25.15	25.70	1.135	0.03	0.866	0.983
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	507000	2535	SKU12	Battery1	25.49	25.70	1.050	-0.09	0.292	0.306
	FR1 n7_Ant 5	40M	BPSK	108	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	507000	2535	SKU12	Battery1	25.18	25.70	1.127	-0.18	0.223	0.251
	FR1 n7_Ant 5	40M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	507000	2535	SKU12	Battery1	25.49	25.70	1.050	-0.08	0.725	0.761
	FR1 n7_Ant 5	40M	BPSK	108	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	507000	2535	SKU12	Battery1	25.18	25.70	1.127	-0.04	0.642	0.724
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery2	25.49	25.70	1.050	0	1.030	1.081
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery3	25.49	25.70	1.050	0.03	1.050	1.102
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU4	Battery4	25.49	25.70	1.050	0.01	1.100	1.154
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN ON	-	507000	2535	SKU12	Battery1	22.20	22.50	1.072	-0.12	0.441	0.473
	FR1 n7_Ant 5	40M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	507000	2535	SKU7	Battery1	25.49	25.70	1.050	-0.03	0.092	0.097
	FR1 n7_Ant 5	40M	BPSK	108	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	507000	2535	SKU7	Battery1	25.18	25.70	1.127	0.08	0.071	0.080
	FR1 n7_Ant 5	40M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	507000	2535	SKU7	Battery1	25.49	25.70	1.050	0.09	0.268	0.281
	FR1 n7_Ant 5	40M	BPSK	108	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	507000	2535	SKU7	Battery1	25.18	25.70	1.127	0.08	0.215	0.242
	FR1 n7_Ant 5	40M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	507000	2535	SKU7	Battery1	25.49	25.70	1.050	0.1	0.279	0.293
	FR1 n7_Ant 5	40M	BPSK	108	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	507000	2535	SKU7	Battery1	25.18	25.70	1.127	-0.03	0.241	0.272
	FR1 n7_Ant 5	40M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	507000	2535	SKU1	Battery2	25.49	25.70	1.050	0.1	0.251	0.263
	FR1 n7_Ant 5	40M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	507000	2535	SKU2	Battery3	25.49	25.70	1.050	0	0.256	0.269
	FR1 n7_Ant 5	40M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	507000	2535	SKU5	Battery4	25.49	25.70	1.050	0.05	0.262	0.275

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 1	15M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	141500	707.5	SKU12	Battery1	25.08	25.70	1.153	-0.12	0.306	0.353
	FR1 n12_Ant 1	15M	BPSK	36	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	141500	707.5	SKU12	Battery1	24.97	25.70	1.183	-0.02	0.248	0.293
39	FR1 n12_Ant 1	15M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	141500	707.5	SKU12	Battery1	25.08	25.70	1.153	0.02	0.477	0.550
	FR1 n12_Ant 1	15M	BPSK	36	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	141500	707.5	SKU12	Battery1	24.97	25.70	1.183	-0.18	0.386	0.457
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	141500	707.5	SKU12	Battery1	25.08	25.70	1.153	0.1	0.001	0.001
	FR1 n12_Ant 1	15M	BPSK	36	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	141500	707.5	SKU12	Battery1	24.97	25.70	1.183	0.06	0.001	0.001
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	141500	707.5	SKU12	Battery1	25.08	25.70	1.153	0.03	0.109	0.126
	FR1 n12_Ant 1	15M	BPSK	36	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	141500	707.5	SKU12	Battery1	24.97	25.70	1.183	0.06	0.087	0.103
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	141500	707.5	SKU12	Battery2	25.08	25.70	1.153	-0.01	0.419	0.483
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	141500	707.5	SKU12	Battery3	25.08	25.70	1.153	0.12	0.433	0.499
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	141500	707.5	SKU4	Battery4	25.08	25.70	1.153	0.04	0.452	0.521
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	141500	707.5	SKU7	Battery1	25.08	25.70	1.153	-0.11	0.115	0.133
	FR1 n12_Ant 1	15M	BPSK	36	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	141500	707.5	SKU7	Battery1	24.97	25.70	1.183	-0.01	0.100	0.118
	FR1 n12_Ant 1	15M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	141500	707.5	SKU7	Battery1	25.08	25.70	1.153	-0.01	0.109	0.126
	FR1 n12_Ant 1	15M	BPSK	36	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	141500	707.5	SKU7	Battery1	24.97	25.70	1.183	0.02	0.089	0.105
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	141500	707.5	SKU7	Battery1	25.08	25.70	1.153	-0.08	0.098	0.113
	FR1 n12_Ant 1	15M	BPSK	36	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	141500	707.5	SKU7	Battery1	24.97	25.70	1.183	0.02	0.091	0.108
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	141500	707.5	SKU1	Battery2	25.08	25.70	1.153	0.02	0.114	0.131
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	141500	707.5	SKU2	Battery3	25.08	25.70	1.153	-0.16	0.103	0.119
	FR1 n12_Ant 1	15M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	141500	707.5	SKU5	Battery4	25.08	25.70	1.153	-0.02	0.105	0.121
	FR1 n26_Ant 1	20M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	166300	831.5	SKU12	Battery1	24.89	25.70	1.205	-0.19	0.700	0.844
	FR1 n26_Ant 1	20M	BPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	166300	831.5	SKU12	Battery1	24.67	25.70	1.268	-0.09	0.623	0.790
40	FR1 n26_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	166300	831.5	SKU12	Battery1	24.89	25.70	1.205	-0.14	0.932	1.123
	FR1 n26_Ant 1	20M	BPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	166300	831.5	SKU12	Battery1	24.67	25.70	1.268	-0.1	0.796	1.009
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	166300	831.5	SKU12	Battery1	24.89	25.70	1.205	-0.15	0.108	0.130
	FR1 n26_Ant 1	20M	BPSK	50	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	166300	831.5	SKU12	Battery1	24.67	25.70	1.268	-0.14	0.081	0.103
	FR1 n26_Ant 1	20M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	166300	831.5	SKU12	Battery1	24.89	25.70	1.205	-0.11	0.215	0.259
	FR1 n26_Ant 1	20M	BPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	166300	831.5	SKU12	Battery1	24.67	25.70	1.268	-0.17	0.159	0.202
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	166300	831.5	SKU12	Battery2	24.89	25.70	1.205	0.02	0.877	1.057
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	166300	831.5	SKU12	Battery3	24.89	25.70	1.205	0.01	0.893	1.076
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	166300	831.5	SKU4	Battery4	24.89	25.70	1.205	0	0.923	1.112
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN ON	-	166300	831.5	SKU12	Battery1	22.12	22.50	1.091	0.03	0.455	0.497
	FR1 n26_Ant 1	20M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	166300	831.5	SKU7	Battery1	24.89	25.70	1.205	0.09	0.219	0.264
	FR1 n26_Ant 1	20M	BPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	166300	831.5	SKU7	Battery1	24.67	25.70	1.268	0.01	0.168	0.213
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	166300	831.5	SKU7	Battery1	24.89	25.70	1.205	0.07	0.233	0.281
	FR1 n26_Ant 1	20M	BPSK	50	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	166300	831.5	SKU7	Battery1	24.67	25.70	1.268	-0.19	0.201	0.255
	FR1 n26_Ant 1	20M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	166300	831.5	SKU7	Battery1	24.89	25.70	1.205	-0.03	0.202	0.243
	FR1 n26_Ant 1	20M	BPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	166300	831.5	SKU7	Battery1	24.67	25.70	1.268	-0.17	0.173	0.219
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	166300	831.5	SKU1	Battery2	24.89	25.70	1.205	-0.08	0.227	0.274
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	166300	831.5	SKU2	Battery3	24.89	25.70	1.205	-0.13	0.224	0.270
	FR1 n26_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	166300	831.5	SKU5	Battery4	24.89	25.70	1.205	0.06	0.204	0.246

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 1	40M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	349000	1745	SKU12	Battery1	22.51	22.80	1.069	-0.17	0.110	0.118
	FR1 n66_Ant 1	40M	BPSK	108	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	349000	1745	SKU12	Battery1	22.38	22.80	1.102	-0.01	0.088	0.097
41	FR1 n66_Ant 1	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	349000	1745	SKU12	Battery1	22.51	22.80	1.069	-0.13	0.991	1.059
	FR1 n66_Ant 1	40M	BPSK	108	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	349000	1745	SKU12	Battery1	22.38	22.80	1.102	-0.05	0.880	0.969
	FR1 n66_Ant 1	40M	BPSK	216	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	349000	1745	SKU12	Battery1	22.33	22.80	1.114	0.01	0.728	0.811
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	349000	1745	SKU12	Battery1	22.51	22.80	1.069	0.04	0.143	0.153
	FR1 n66_Ant 1	40M	BPSK	108	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	349000	1745	SKU12	Battery1	22.38	22.80	1.102	0.08	0.121	0.133
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	349000	1745	SKU12	Battery1	22.51	22.80	1.069	0.08	0.001	0.001
	FR1 n66_Ant 1	40M	BPSK	108	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	349000	1745	SKU12	Battery1	22.38	22.80	1.102	-0.12	0.001	0.001
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	349000	1745	SKU12	Battery2	22.51	22.80	1.069	0.04	0.919	0.982
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	349000	1745	SKU12	Battery3	22.51	22.80	1.069	-0.01	0.928	0.992
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	349000	1745	SKU4	Battery4	22.51	22.80	1.069	0.06	0.965	1.032
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN ON	-	349000	1745	SKU12	Battery1	19.58	20.30	1.180	0.07	0.492	0.581
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	349000	1745	SKU7	Battery1	22.51	22.80	1.069	-0.04	0.060	0.064
	FR1 n66_Ant 1	40M	BPSK	108	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	349000	1745	SKU7	Battery1	22.38	22.80	1.102	-0.16	0.048	0.053
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	349000	1745	SKU7	Battery1	22.51	22.80	1.069	0.09	0.390	0.417
	FR1 n66_Ant 1	40M	BPSK	108	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	349000	1745	SKU7	Battery1	22.38	22.80	1.102	0.08	0.319	0.351
	FR1 n66_Ant 1	40M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	349000	1745	SKU7	Battery1	22.51	22.80	1.069	-0.14	0.001	0.001
	FR1 n66_Ant 1	40M	BPSK	108	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	349000	1745	SKU7	Battery1	22.38	22.80	1.102	0.03	0.001	0.001
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	349000	1745	SKU1	Battery2	22.51	22.80	1.069	-0.14	0.368	0.393
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	349000	1745	SKU2	Battery3	22.51	22.80	1.069	0	0.383	0.409
	FR1 n66_Ant 1	40M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	349000	1745	SKU5	Battery4	22.51	22.80	1.069	-0.18	0.373	0.399
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	136100	680.5	SKU12	Battery1	24.25	25.00	1.189	-0.04	0.170	0.202
	FR1 n71_Ant 1	20M	BPSK	50	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	136100	680.5	SKU12	Battery1	24.12	25.00	1.225	-0.14	0.138	0.169
42	FR1 n71_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	136100	680.5	SKU12	Battery1	24.25	25.00	1.189	-0.14	0.240	0.285
	FR1 n71_Ant 1	20M	BPSK	50	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	136100	680.5	SKU12	Battery1	24.12	25.00	1.225	0.02	0.194	0.238
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	136100	680.5	SKU12	Battery1	24.25	25.00	1.189	-0.17	0.001	0.001
	FR1 n71_Ant 1	20M	BPSK	50	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	136100	680.5	SKU12	Battery1	24.12	25.00	1.225	-0.05	0.001	0.001
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	136100	680.5	SKU12	Battery1	24.25	25.00	1.189	0.08	0.080	0.095
	FR1 n71_Ant 1	20M	BPSK	50	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	136100	680.5	SKU12	Battery1	24.12	25.00	1.225	-0.04	0.065	0.080
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	136100	680.5	SKU12	Battery2	24.25	25.00	1.189	-0.06	0.228	0.271
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	136100	680.5	SKU12	Battery3	24.25	25.00	1.189	-0.03	0.233	0.277
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	136100	680.5	SKU4	Battery4	24.25	25.00	1.189	0.08	0.226	0.269
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	136100	680.5	SKU7	Battery1	24.25	25.00	1.189	-0.18	0.078	0.093
	FR1 n71_Ant 1	20M	BPSK	50	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	136100	680.5	SKU7	Battery1	24.12	25.00	1.225	-0.18	0.063	0.077
	FR1 n71_Ant 1	20M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	136100	680.5	SKU7	Battery1	24.25	25.00	1.189	0.1	0.068	0.081
	FR1 n71_Ant 1	20M	BPSK	50	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	136100	680.5	SKU7	Battery1	24.12	25.00	1.225	0.09	0.055	0.067
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	136100	680.5	SKU7	Battery1	24.25	25.00	1.189	0.07	0.084	0.100
	FR1 n71_Ant 1	20M	BPSK	50	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	136100	680.5	SKU7	Battery1	24.12	25.00	1.225	-0.07	0.068	0.083
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	136100	680.5	SKU1	Battery2	24.25	25.00	1.189	0.08	0.081	0.096
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	136100	680.5	SKU2	Battery3	24.25	25.00	1.189	-0.03	0.071	0.084
	FR1 n71_Ant 1	20M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	136100	680.5	SKU5	Battery4	24.25	25.00	1.189	0.11	0.077	0.092

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 5	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	25.29	25.70	1.099	0.1	0.447	0.491
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	25.26	25.70	1.107	-0.03	0.362	0.401
43	FR1 n41_Ant 5	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	25.29	25.70	1.099	0.04	0.672	0.739
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	25.26	25.70	1.107	-0.03	0.544	0.602
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU12	Battery1	25.29	25.70	1.099	0.06	0.231	0.254
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU12	Battery1	25.26	25.70	1.107	-0.15	0.187	0.207
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU12	Battery1	25.29	25.70	1.099	0.06	0.573	0.630
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU12	Battery1	25.26	25.70	1.107	-0.18	0.464	0.513
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	27.19	27.50	1.074	-0.11	0.550	0.591
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery2	25.29	25.70	1.099	0.03	0.657	0.722
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery3	25.29	25.70	1.099	0.08	0.638	0.701
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU4	Battery4	25.29	25.70	1.099	-0.08	0.595	0.654
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN ON	-	518598	2592.99	SKU12	Battery1	23.42	23.50	1.019	-0.07	0.452	0.460
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	518598	2592.99	SKU7	Battery1	25.29	25.70	1.099	0.09	0.174	0.191
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	15mm	Gun	DSI 1	WLAN OFF	-	518598	2592.99	SKU7	Battery1	25.26	25.70	1.107	-0.16	0.141	0.156
	FR1 n41_Ant 5	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU7	Battery1	25.29	25.70	1.099	-0.05	0.439	0.482
	FR1 n41_Ant 5	100M	BPSK	135	69	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU7	Battery1	25.26	25.70	1.107	0.1	0.355	0.393
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU7	Battery1	25.29	25.70	1.099	-0.16	0.530	0.582
	FR1 n41_Ant 5	100M	BPSK	135	69	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU7	Battery1	25.26	25.70	1.107	0.09	0.429	0.475
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU7	Battery1	27.19	27.50	1.074	-0.11	0.281	0.302
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU1	Battery2	25.29	25.70	1.099	-0.02	0.522	0.574
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU2	Battery3	25.29	25.70	1.099	0.08	0.498	0.547
	FR1 n41_Ant 5	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU5	Battery4	25.29	25.70	1.099	0.05	0.518	0.569
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	23.00	23.00	1.000	-0.04	0.176	0.176
	FR1 n41_Ant 2	100M	BPSK	135	138	Front	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	22.26	22.50	1.057	-0.1	0.144	0.152
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	23.00	23.00	1.000	-0.16	0.656	0.656
	FR1 n41_Ant 2	100M	BPSK	135	138	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	22.26	22.50	1.057	-0.12	0.538	0.569
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU12	Battery1	23.00	23.00	1.000	-0.13	0.099	0.099
	FR1 n41_Ant 2	100M	BPSK	135	138	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU12	Battery1	22.26	22.50	1.057	0.04	0.081	0.086
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU12	Battery1	23.00	23.00	1.000	-0.11	0.048	0.048
	FR1 n41_Ant 2	100M	BPSK	135	138	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU12	Battery1	22.26	22.50	1.057	0.08	0.039	0.041
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery2	23.00	23.00	1.000	0.04	0.622	0.622
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery3	23.00	23.00	1.000	0.11	0.611	0.611
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF		518598	2592.99	SKU4	Battery4	23.00	23.00	1.000	-0.13	0.584	0.584
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	518598	2592.99	SKU7	Battery1	23.00	23.00	1.000	0.1	0.083	0.083
	FR1 n41_Ant 2	100M	BPSK	135	138	Front	15mm	Gun	DSI 1	WLAN OFF	-	518598	2592.99	SKU7	Battery1	22.26	22.50	1.057	-0.19	0.072	0.076
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU7	Battery1	23.00	23.00	1.000	-0.04	0.204	0.204
	FR1 n41_Ant 2	100M	BPSK	135	138	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU7	Battery1	22.26	22.50	1.057	-0.08	0.169	0.179
	FR1 n41_Ant 2	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU7	Battery1	23.00	23.00	1.000	0.1	0.072	0.072
	FR1 n41_Ant 2	100M	BPSK	135	138	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU7	Battery1	22.26	22.50	1.057	-0.03	0.059	0.062
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU1	Battery2	23.00	23.00	1.000	0	0.178	0.178
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU2	Battery3	23.00	23.00	1.000	-0.1	0.172	0.172
	FR1 n41_Ant 2	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU5	Battery4	23.00	23.00	1.000	-0.01	0.182	0.182
	FR1 n41_Ant 3	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	22.21	22.50	1.069	-0.03	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	22.18	22.50	1.076	0.06	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	22.21	22.50	1.069	0.18	0.043	0.046
	FR1 n41_Ant 3	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery1	22.18	22.50	1.076	-0.08	0.019	0.020
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU12	Battery1	22.21	22.50	1.069	-0.01	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU12	Battery1	22.18	22.50	1.076	-0.18	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU12	Battery1	22.21	22.50	1.069	-0.09	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU12	Battery1	22.18	22.50	1.076	-0.03	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery2	22.21	22.50	1.069	0.03	0.035	0.037
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	518598	2592.99	SKU12	Battery3	22.21	22.50	1.069	0.07	0.039	0.042

	FR1 n41_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF		518598	2592.99	SKU4	Battery4	22.21	22.50	1.069	-0.14	0.037	0.040
	FR1 n41_Ant 3	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	518598	2592.99	SKU7	Battery1	22.21	22.50	1.069	0.09	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	518598	2592.99	SKU7	Battery1	22.18	22.50	1.076	0	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU7	Battery1	22.21	22.50	1.069	-0.02	0.002	0.002
	FR1 n41_Ant 3	100M	BPSK	135	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU7	Battery1	22.18	22.50	1.076	0	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU7	Battery1	22.21	22.50	1.069	-0.07	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	518598	2592.99	SKU7	Battery1	22.18	22.50	1.076	-0.02	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU1	Battery2	22.21	22.50	1.069	-0.1	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU2	Battery3	22.21	22.50	1.069	0	0.001	0.001
	FR1 n41_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	518598	2592.99	SKU5	Battery4	22.21	22.50	1.069	-0.09	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	528000	2640	SKU12	Battery1	22.25	22.50	1.059	0.04	0.190	0.201
	FR1 n41_Ant 4	100M	BPSK	135	69	Front	5mm	Brick	DSI 1	WLAN OFF	-	528000	2640	SKU12	Battery1	22.23	22.50	1.064	-0.15	0.167	0.178
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	528000	2640	SKU12	Battery1	22.25	22.50	1.059	0.01	0.434	0.460
	FR1 n41_Ant 4	100M	BPSK	135	69	Back	5mm	Brick	DSI 1	WLAN OFF	-	528000	2640	SKU12	Battery1	22.23	22.50	1.064	-0.18	0.379	0.403
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	528000	2640	SKU12	Battery1	22.25	22.50	1.059	-0.04	0.209	0.221
	FR1 n41_Ant 4	100M	BPSK	135	69	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	528000	2640	SKU12	Battery1	22.23	22.50	1.064	0.02	0.173	0.184
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	528000	2640	SKU12	Battery1	22.25	22.50	1.059	-0.13	0.238	0.252
	FR1 n41_Ant 4	100M	BPSK	135	69	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	528000	2640	SKU12	Battery1	22.23	22.50	1.064	0.05	0.202	0.215
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	528000	2640	SKU12	Battery2	22.25	22.50	1.059	0.04	0.379	0.401
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	528000	2640	SKU12	Battery3	22.25	22.50	1.059	-0.15	0.410	0.434
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	528000	2640	SKU4	Battery4	22.25	22.50	1.059	0.09	0.419	0.444
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	528000	2640	SKU7	Battery1	22.25	22.50	1.059	0.11	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	135	69	Front	15mm	Gun	DSI 1	WLAN OFF	-	528000	2640	SKU7	Battery1	22.23	22.50	1.064	-0.01	0.001	0.001
	FR1 n41_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	528000	2640	SKU7	Battery1	22.25	22.50	1.059	0.02	0.068	0.072
	FR1 n41_Ant 4	100M	BPSK	135	69	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	528000	2640	SKU7	Battery1	22.23	22.50	1.064	-0.17	0.053	0.056
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	528000	2640	SKU7	Battery1	22.25	22.50	1.059	-0.1	0.141	0.149
	FR1 n41_Ant 4	100M	BPSK	135	69	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	528000	2640	SKU7	Battery1	22.23	22.50	1.064	-0.17	0.129	0.137
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	528000	2640	SKU1	Battery2	22.25	22.50	1.059	0.1	0.138	0.146
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	528000	2640	SKU2	Battery3	22.25	22.50	1.059	-0.18	0.110	0.117
	FR1 n41_Ant 4	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	528000	2640	SKU5	Battery4	22.25	22.50	1.059	0.05	0.132	0.140

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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 9	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	21.44	21.50	1.014	-0.14	0.127	0.129
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	21.30	21.50	1.047	0.03	0.103	0.108
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	21.44	21.50	1.014	-0.11	0.312	0.316
	FR1 n77_Ant 9	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	21.30	21.50	1.047	0.01	0.252	0.264
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU12	Battery1	21.44	21.50	1.014	0.11	0.076	0.077
	FR1 n77_Ant 9	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU12	Battery1	21.30	21.50	1.047	-0.1	0.061	0.064
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU12	Battery1	21.44	21.50	1.014	-0.04	0.116	0.118
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU12	Battery1	21.30	21.50	1.047	0.04	0.094	0.098
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	24.45	24.50	1.012	-0.14	0.281	0.284
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery2	21.44	21.50	1.014	0.18	0.292	0.296
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery3	21.44	21.50	1.014	-0.04	0.300	0.304
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU4	Battery4	21.44	21.50	1.014	-0.06	0.286	0.290
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	656000	3840	SKU7	Battery1	21.44	21.50	1.014	0.04	0.047	0.048
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	656000	3840	SKU7	Battery1	21.30	21.50	1.047	0.17	0.035	0.037
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	21.44	21.50	1.014	0.13	0.168	0.170
	FR1 n77_Ant 9	100M	BPSK	135	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	21.30	21.50	1.047	0.04	0.149	0.156
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU7	Battery1	21.44	21.50	1.014	-0.09	0.148	0.150
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU7	Battery1	21.30	21.50	1.047	-0.01	0.122	0.128
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	24.45	24.50	1.012	-0.04	0.214	0.216
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU1	Battery2	24.45	24.50	1.012	-0.1	0.205	0.207
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU2	Battery3	24.45	24.50	1.012	-0.05	0.198	0.200
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU5	Battery4	24.45	24.50	1.012	0.09	0.196	0.198
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.40	21.50	1.023	-0.15	0.183	0.187
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.19	21.50	1.074	0.05	0.148	0.159
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.40	21.50	1.023	0.1	0.223	0.228
	FR1 n77_Ant 9	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.19	21.50	1.074	0.14	0.180	0.193
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU12	Battery1	21.40	21.50	1.023	-0.06	0.137	0.140
	FR1 n77_Ant 9	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU12	Battery1	21.19	21.50	1.074	0.03	0.110	0.118
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU12	Battery1	21.40	21.50	1.023	-0.14	0.068	0.070
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU12	Battery1	21.19	21.50	1.074	0.01	0.055	0.059
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	24.46	24.50	1.009	0.11	0.210	0.212
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery2	21.40	21.50	1.023	-0.05	0.209	0.214
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery3	21.40	21.50	1.023	-0.01	0.199	0.204
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU4	Battery4	21.40	21.50	1.023	-0.04	0.204	0.209
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	633332	3499.98	SKU7	Battery1	21.40	21.50	1.023	-0.11	0.083	0.085
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	633332	3499.98	SKU7	Battery1	21.19	21.50	1.074	0.05	0.067	0.072
	FR1 n77_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	21.40	21.50	1.023	0.04	0.307	0.314
	FR1 n77_Ant 9	100M	BPSK	135	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	21.19	21.50	1.074	0.04	0.248	0.266
	FR1 n77_Ant 9	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU7	Battery1	21.40	21.50	1.023	-0.09	0.088	0.090
	FR1 n77_Ant 9	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU7	Battery1	21.19	21.50	1.074	0.01	0.071	0.076
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	24.46	24.50	1.009	-0.03	0.331	0.334
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU1	Battery2	24.46	24.50	1.009	-0.03	0.282	0.285
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU2	Battery3	24.46	24.50	1.009	-0.16	0.299	0.302
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU5	Battery4	24.46	24.50	1.009	-0.14	0.301	0.304
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	21.44	21.50	1.014	-0.16	0.259	0.263
	FR1 n77/n78_Ant 9	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	21.29	21.50	1.050	0.06	0.209	0.219
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	21.44	21.50	1.014	-0.14	0.163	0.165
	FR1 n77/n78_Ant 9	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	21.29	21.50	1.050	0.09	0.132	0.139
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU12	Battery1	21.44	21.50	1.014	0	0.067	0.068
	FR1 n77/n78_Ant 9	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU12	Battery1	21.29	21.50	1.050	-0.14	0.054	0.057
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU12	Battery1	21.44	21.50	1.014	-0.15	0.080	0.081
	FR1 n77/n78_Ant 9	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU12	Battery1	21.29	21.50	1.050	-0.15	0.064	0.067
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery2	21.44	21.50	1.014	0	0.233	0.236

	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery3	21.44	21.50	1.014	0.01	0.250	0.253
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU4	Battery4	21.44	21.50	1.014	0.07	0.221	0.224
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU7	Battery1	21.44	21.50	1.014	0.11	0.190	0.193
	FR1 n77/n78_Ant 9	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU7	Battery1	21.29	21.50	1.050	0.04	0.153	0.161
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	21.44	21.50	1.014	0.03	0.598	0.606
	FR1 n77/n78_Ant 9	100M	BPSK	135	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	21.29	21.50	1.050	0.03	0.484	0.508
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU7	Battery1	21.44	21.50	1.014	-0.13	0.104	0.105
	FR1 n77/n78_Ant 9	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU7	Battery1	21.29	21.50	1.050	-0.18	0.084	0.088
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU1	Battery2	21.44	21.50	1.014	-0.1	0.548	0.556
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU2	Battery3	21.44	21.50	1.014	-0.01	0.496	0.503
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU5	Battery4	21.44	21.50	1.014	-0.04	0.578	0.586
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	23.02	23.30	1.067	-0.17	0.700	0.747
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	22.90	23.30	1.096	0.06	0.549	0.602
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	23.02	23.30	1.067	-0.14	0.519	0.554
	FR1 n77_Ant 8	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	22.90	23.30	1.096	-0.03	0.420	0.461
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU12	Battery1	23.02	23.30	1.067	0.05	0.442	0.471
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU12	Battery1	22.90	23.30	1.096	-0.16	0.358	0.393
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU12	Battery1	23.02	23.30	1.067	-0.14	0.648	0.691
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU12	Battery1	22.90	23.30	1.096	-0.01	0.524	0.575
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	26.01	26.30	1.069	-0.08	0.777	0.831
	FR1 n77_HPUE_Ant 8	100M	BPSK	270	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	25.73	26.30	1.140	0.01	0.599	0.683
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery2	26.01	26.30	1.069	0.09	0.723	0.773
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery3	26.01	26.30	1.069	0.05	0.751	0.803
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU4	Battery4	26.01	26.30	1.069	-0.11	0.664	0.710
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN ON	-	656000	3840	SKU12	Battery1	22.26	23.30	1.271	0.05	0.389	0.494
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	656000	3840	SKU7	Battery1	23.02	23.30	1.067	-0.16	0.387	0.413
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	656000	3840	SKU7	Battery1	22.90	23.30	1.096	-0.01	0.321	0.352
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	23.02	23.30	1.067	-0.04	0.800	0.853
	FR1 n77_Ant 8	100M	BPSK	135	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	22.90	23.30	1.096	0.15	0.629	0.690
	FR1 n77_Ant 8	100M	BPSK	270	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	22.76	23.30	1.132	0.08	0.601	0.681
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU7	Battery1	23.02	23.30	1.067	-0.13	0.732	0.781
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU7	Battery1	22.90	23.30	1.096	-0.04	0.688	0.754
44	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	26.01	26.30	1.069	-0.15	0.855	0.914
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU1	Battery2	26.01	26.30	1.069	0.01	0.775	0.829
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU2	Battery3	26.01	26.30	1.069	-0.18	0.771	0.824
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU5	Battery4	26.01	26.30	1.069	0.08	0.846	0.904
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN ON	Soft holster	656000	3840	SKU7	Battery1	22.26	23.30	1.271	0.01	0.444	0.564
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	22.72	23.30	1.143	-0.15	0.451	0.515
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	22.69	23.30	1.151	0.09	0.366	0.421
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	22.72	23.30	1.143	-0.08	0.417	0.477
	FR1 n77_Ant 8	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	22.69	23.30	1.151	-0.13	0.338	0.389
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU12	Battery1	22.72	23.30	1.143	0.09	0.221	0.253
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU12	Battery1	22.69	23.30	1.151	0.03	0.179	0.206
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU12	Battery1	22.72	23.30	1.143	-0.09	0.381	0.435
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU12	Battery1	22.69	23.30	1.151	-0.07	0.309	0.356
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	25.80	26.30	1.122	0.17	0.449	0.504
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery2	22.72	23.30	1.143	0.05	0.414	0.473
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery3	22.72	23.30	1.143	0.03	0.429	0.490
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU4	Battery4	22.72	23.30	1.143	-0.1	0.427	0.488
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	633332	3499.98	SKU7	Battery1	22.72	23.30	1.143	-0.12	0.308	0.352
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	633332	3499.98	SKU7	Battery1	22.69	23.30	1.151	-0.11	0.255	0.293
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	22.72	23.30	1.143	-0.15	0.669	0.765
	FR1 n77_Ant 8	100M	BPSK	135	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	22.69	23.30	1.151	0.1	0.554	0.638
	FR1 n77_Ant 8	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU7	Battery1	22.72	23.30	1.143	-0.13	0.461	0.527
	FR1 n77_Ant 8	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU7	Battery1	22.69	23.30	1.151	-0.04	0.382	0.440
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	25.80	26.30	1.122	-0.03	0.686	0.770

	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU1	Battery2	25.80	26.30	1.122	-0.16	0.643	0.721
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU2	Battery3	25.80	26.30	1.122	0.07	0.601	0.674
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU5	Battery4	25.80	26.30	1.122	-0.16	0.619	0.695
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN ON	Soft holster	633332	3499.98	SKU7	Battery1	22.35	23.30	1.245	0.02	0.340	0.423
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	22.80	23.30	1.122	-0.18	0.645	0.724
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	22.47	23.30	1.211	-0.19	0.541	0.655
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	22.80	23.30	1.122	0.1	0.604	0.678
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	22.47	23.30	1.211	-0.14	0.507	0.614
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU12	Battery1	22.80	23.30	1.122	-0.14	0.316	0.355
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU12	Battery1	22.47	23.30	1.211	-0.03	0.265	0.321
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU12	Battery1	22.80	23.30	1.122	-0.16	0.517	0.580
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU12	Battery1	22.47	23.30	1.211	-0.04	0.434	0.525
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery2	22.80	23.30	1.122	0.02	0.619	0.695
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery3	22.80	23.30	1.122	0.09	0.608	0.682
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU4	Battery4	22.80	23.30	1.122	0.06	0.626	0.702
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU7	Battery1	22.80	23.30	1.122	-0.16	0.327	0.367
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU7	Battery1	22.47	23.30	1.211	0.09	0.278	0.337
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	22.80	23.30	1.122	-0.16	0.797	0.894
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	22.47	23.30	1.211	-0.03	0.678	0.821
	FR1 n77/n78_Ant 8	100M	BPSK	270	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	22.46	23.30	1.213	0.02	0.643	0.780
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU7	Battery1	22.80	23.30	1.122	0	0.625	0.701
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU7	Battery1	22.47	23.30	1.211	-0.06	0.531	0.643
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU1	Battery2	22.80	23.30	1.122	0.07	0.751	0.843
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU2	Battery3	22.80	23.30	1.122	0.02	0.723	0.811
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU5	Battery4	22.80	23.30	1.122	-0.17	0.756	0.848
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN ON	Soft holster	641666	3624.99	SKU7	Battery1	19.34	20.30	1.247	-0.04	0.402	0.501
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	21.62	22.00	1.091	-0.06	0.145	0.158
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	21.50	22.00	1.122	0.05	0.122	0.137
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	21.62	22.00	1.091	-0.07	0.227	0.248
	FR1 n77_Ant 3	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	21.50	22.00	1.122	-0.05	0.191	0.214
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU12	Battery1	21.62	22.00	1.091	0.06	0.069	0.075
	FR1 n77_Ant 3	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU12	Battery1	21.50	22.00	1.122	0.02	0.058	0.065
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU12	Battery1	21.62	22.00	1.091	-0.18	0.166	0.181
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU12	Battery1	21.50	22.00	1.122	-0.09	0.139	0.156
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery2	21.62	22.00	1.091	0.08	0.211	0.230
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery3	21.62	22.00	1.091	0.04	0.209	0.228
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU4	Battery4	21.62	22.00	1.091	-0.01	0.215	0.235
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	656000	3840	SKU7	Battery1	21.62	22.00	1.091	-0.05	0.104	0.114
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	656000	3840	SKU7	Battery1	21.50	22.00	1.122	-0.01	0.087	0.098
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	21.62	22.00	1.091	-0.11	0.336	0.367
	FR1 n77_Ant 3	100M	BPSK	135	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	21.50	22.00	1.122	-0.17	0.283	0.318
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU7	Battery1	21.62	22.00	1.091	0.11	0.210	0.229
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU7	Battery1	21.50	22.00	1.122	-0.15	0.177	0.199
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU1	Battery2	21.62	22.00	1.091	-0.15	0.314	0.343
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU2	Battery3	21.62	22.00	1.091	-0.08	0.326	0.356
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU5	Battery4	21.62	22.00	1.091	-0.08	0.303	0.331
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.51	22.00	1.119	-0.09	0.117	0.131
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.32	22.00	1.169	-0.15	0.099	0.116
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.51	22.00	1.119	0.03	0.694	0.777
	FR1 n77_Ant 3	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.32	22.00	1.169	-0.12	0.629	0.736
	FR1 n77_Ant 3	100M	BPSK	270	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	21.36	22.00	1.159	0	0.626	0.725
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU12	Battery1	21.51	22.00	1.119	-0.05	0.439	0.491
	FR1 n77_Ant 3	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU12	Battery1	21.32	22.00	1.169	-0.12	0.371	0.434
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU12	Battery1	21.51	22.00	1.119	-0.18	0.131	0.147
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU12	Battery1	21.32	22.00	1.169	-0.16	0.111	0.130
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery2	21.51	22.00	1.119	0.01	0.679	0.760

	FR1 n77_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery3	21.51	22.00	1.119	0.02	0.666	0.746
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU4	Battery4	21.51	22.00	1.119	-0.01	0.680	0.761
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	633332	3499.98	SKU7	Battery1	21.51	22.00	1.119	0	0.075	0.084
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	633332	3499.98	SKU7	Battery1	21.32	22.00	1.169	-0.16	0.063	0.074
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	21.51	22.00	1.119	0	0.247	0.277
	FR1 n77_Ant 3	100M	BPSK	135	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	21.32	22.00	1.169	0	0.209	0.244
	FR1 n77_Ant 3	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU7	Battery1	21.51	22.00	1.119	-0.02	0.117	0.131
	FR1 n77_Ant 3	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU7	Battery1	21.32	22.00	1.169	0.11	0.099	0.116
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU1	Battery2	21.51	22.00	1.119	-0.05	0.218	0.244
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU2	Battery3	21.51	22.00	1.119	0	0.235	0.263
	FR1 n77_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU5	Battery4	21.51	22.00	1.119	0.11	0.211	0.236
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	20.08	20.40	1.076	-0.11	0.090	0.097
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	19.86	20.40	1.132	0.06	0.076	0.086
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	20.08	20.40	1.076	-0.02	0.269	0.290
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	19.86	20.40	1.132	-0.07	0.228	0.258
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU12	Battery1	20.08	20.40	1.076	-0.02	0.128	0.138
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU12	Battery1	19.86	20.40	1.132	0.04	0.108	0.122
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU12	Battery1	20.08	20.40	1.076	0.1	0.087	0.094
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU12	Battery1	19.86	20.40	1.132	0.02	0.073	0.083
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery2	20.08	20.40	1.076	0.04	0.255	0.274
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery3	20.08	20.40	1.076	-0.11	0.263	0.283
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU4	Battery4	20.08	20.40	1.076	-0.05	0.248	0.267
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU7	Battery1	20.08	20.40	1.076	0.03	0.048	0.052
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU7	Battery1	19.86	20.40	1.132	0.04	0.040	0.045
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	20.08	20.40	1.076	0.07	0.202	0.217
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	19.86	20.40	1.132	0.01	0.171	0.194
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU7	Battery1	20.08	20.40	1.076	-0.11	0.095	0.102
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU7	Battery1	19.86	20.40	1.132	-0.17	0.080	0.091
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU1	Battery2	20.08	20.40	1.076	-0.16	0.181	0.195
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU2	Battery3	20.08	20.40	1.076	0.05	0.167	0.180
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Left Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU5	Battery4	20.08	20.40	1.076	0.07	0.173	0.186
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	18.90	19.20	1.072	0.09	0.068	0.073
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	18.77	19.20	1.104	0	0.057	0.063
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	18.90	19.20	1.072	0.01	0.671	0.719
	FR1 n77_Ant 4	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery1	18.77	19.20	1.104	0.03	0.562	0.620
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU12	Battery1	18.90	19.20	1.072	0.04	0.107	0.115
	FR1 n77_Ant 4	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU12	Battery1	18.77	19.20	1.104	0.04	0.089	0.098
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU12	Battery1	18.90	19.20	1.072	0.07	0.045	0.048
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU12	Battery1	18.77	19.20	1.104	-0.15	0.037	0.041
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery2	18.90	19.20	1.072	0.01	0.655	0.702
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU12	Battery3	18.90	19.20	1.072	0.03	0.628	0.673
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	656000	3840	SKU4	Battery4	18.90	19.20	1.072	-0.12	0.667	0.715
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	656000	3840	SKU7	Battery1	18.90	19.20	1.072	0.07	0.036	0.039
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	656000	3840	SKU7	Battery1	18.77	19.20	1.104	0.07	0.022	0.024
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	18.90	19.20	1.072	0.03	0.232	0.249
	FR1 n77_Ant 4	100M	BPSK	135	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	18.77	19.20	1.104	-0.11	0.199	0.220
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU7	Battery1	18.90	19.20	1.072	-0.08	0.048	0.051
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	656000	3840	SKU7	Battery1	18.77	19.20	1.104	-0.12	0.023	0.025
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU1	Battery2	18.90	19.20	1.072	-0.03	0.195	0.209
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU2	Battery3	18.90	19.20	1.072	0.1	0.180	0.193
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU5	Battery4	18.90	19.20	1.072	-0.17	0.158	0.169
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	19.01	19.20	1.045	0	0.092	0.096
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	18.86	19.20	1.081	0.01	0.079	0.085
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	19.01	19.20	1.045	-0.08	0.223	0.233
	FR1 n77_Ant 4	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery1	18.86	19.20	1.081	-0.02	0.193	0.209

	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU12	Battery1	19.01	19.20	1.045	0.1	0.063	0.066
	FR1 n77_Ant 4	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU12	Battery1	18.86	19.20	1.081	0.11	0.054	0.058
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU12	Battery1	19.01	19.20	1.045	-0.14	0.043	0.045
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU12	Battery1	18.86	19.20	1.081	0.03	0.037	0.040
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery2	19.01	19.20	1.045	0	0.208	0.217
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU12	Battery3	19.01	19.20	1.045	0.01	0.217	0.227
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	633332	3499.98	SKU4	Battery4	19.01	19.20	1.045	-0.18	0.218	0.228
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	633332	3499.98	SKU7	Battery1	19.01	19.20	1.045	-0.14	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	633332	3499.98	SKU7	Battery1	18.86	19.20	1.081	0.01	0.001	0.001
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	19.01	19.20	1.045	-0.18	0.287	0.300
	FR1 n77_Ant 4	100M	BPSK	135	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU7	Battery1	18.86	19.20	1.081	-0.18	0.236	0.255
	FR1 n77_Ant 4	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU7	Battery1	19.01	19.20	1.045	-0.15	0.082	0.086
	FR1 n77_Ant 4	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	633332	3499.98	SKU7	Battery1	18.86	19.20	1.081	0.02	0.067	0.072
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU1	Battery2	19.01	19.20	1.045	0.06	0.247	0.258
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU2	Battery3	19.01	19.20	1.045	0.05	0.276	0.288
	FR1 n77_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	633332	3499.98	SKU5	Battery4	19.01	19.20	1.045	0.01	0.243	0.254
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	18.99	19.20	1.050	-0.05	0.132	0.139
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Front	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	18.94	19.20	1.062	0.11	0.108	0.115
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	18.99	19.20	1.050	-0.1	0.370	0.388
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery1	18.94	19.20	1.062	-0.14	0.295	0.313
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU12	Battery1	18.99	19.20	1.050	-0.03	0.095	0.100
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Back	0mm	Brick	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU12	Battery1	18.94	19.20	1.062	-0.04	0.078	0.083
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU12	Battery1	18.99	19.20	1.050	-0.16	0.056	0.059
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Front	0mm	Brick	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU12	Battery1	18.94	19.20	1.062	-0.09	0.046	0.049
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery2	18.99	19.20	1.050	0.03	0.334	0.351
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU12	Battery3	18.99	19.20	1.050	0.01	0.355	0.373
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	5mm	Brick	DSI 1	WLAN OFF	-	641666	3624.99	SKU4	Battery4	18.99	19.20	1.050	-0.17	0.326	0.342
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Front	15mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU7	Battery1	18.99	19.20	1.050	-0.12	0.049	0.051
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Front	15mm	Gun	DSI 1	WLAN OFF	-	641666	3624.99	SKU7	Battery1	18.94	19.20	1.062	-0.11	0.040	0.042
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	18.99	19.20	1.050	0.16	0.266	0.279
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU7	Battery1	18.94	19.20	1.062	0.09	0.206	0.219
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU7	Battery1	18.99	19.20	1.050	-0.15	0.091	0.096
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Front	0mm	Gun	DSI 1	WLAN OFF	Rigid holster	641666	3624.99	SKU7	Battery1	18.94	19.20	1.062	-0.18	0.074	0.079
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU1	Battery2	18.99	19.20	1.050	-0.17	0.215	0.226
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU2	Battery3	18.99	19.20	1.050	0.1	0.224	0.235
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	641666	3624.99	SKU5	Battery4	18.99	19.20	1.050	0.06	0.199	0.209

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Holster	Ch.	Freq. (MHz)	SKU	Battery	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	5mm	Ant 6	Brick	Set 2 Non-DBS	-	6	2437	SKU 12	Battery1	18.85	19.00	1.035	98.35	1.017	0.03	0.108	0.114
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	Brick	Set 2 Non-DBS	-	6	2437	SKU 12	Battery1	18.85	19.00	1.035	98.35	1.017	0	0.273	0.287
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 6	Brick	Set 2 Non-DBS	Rigid holster	6	2437	SKU 12	Battery1	18.85	19.00	1.035	98.35	1.017	0.05	0.052	0.055
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 6	Brick	Set 2 Non-DBS	Soft holster	6	2437	SKU 12	Battery1	18.85	19.00	1.035	98.35	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Brick	Set 2 Non-DBS	Soft holster	6	2437	SKU 12	Battery1	18.85	19.00	1.035	98.35	1.017	-0.16	0.415	0.437
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Brick	Set 2 Non-DBS	Soft holster	6	2437	SKU 4	Battery2	18.85	19.00	1.035	98.35	1.017	0.08	0.370	0.390
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Brick	Set 2 Non-DBS	Soft holster	6	2437	SKU 12	Battery3	18.85	19.00	1.035	98.35	1.017	0.17	0.400	0.421
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Brick	Set 2 Non-DBS	Soft holster	6	2437	SKU 12	Battery4	18.85	19.00	1.035	98.35	1.017	0.12	0.389	0.410
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 6	Gun	Set 2 Non-DBS	-	6	2437	SKU 7	Battery1	18.85	19.00	1.035	98.35	1.017	-0.05	0.051	0.054
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 6	Gun	Set 2 Non-DBS	Rigid holster	6	2437	SKU 7	Battery1	18.85	19.00	1.035	98.35	1.017	-0.01	0.046	0.048
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6	Gun	Set 2 Non-DBS	Soft holster	6	2437	SKU 7	Battery1	18.85	19.00	1.035	98.35	1.017	0.11	0.251	0.264
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6	Gun	Set 2 Non-DBS	Soft holster	6	2437	SKU 1	Battery2	18.85	19.00	1.035	98.35	1.017	0	0.250	0.263
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6	Gun	Set 2 Non-DBS	Soft holster	6	2437	SKU 2	Battery3	18.85	19.00	1.035	98.35	1.017	-0.03	0.238	0.251
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6	Gun	Set 2 Non-DBS	Soft holster	6	2437	SKU 5	Battery4	18.85	19.00	1.035	98.35	1.017	-0.13	0.237	0.249
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7	Brick	Set 2 Non-DBS	-	1	2412	SKU 12	Battery1	18	19.00	1.259	97.9	1.021	0	0.146	0.188
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7	Brick	Set 2 Non-DBS	-	1	2412	SKU 12	Battery1	18	19.00	1.259	97.9	1.021	-0.19	0.207	0.266
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 7	Brick	Set 2 Non-DBS	Rigid holster	1	2412	SKU 12	Battery1	18	19.00	1.259	97.9	1.021	-0.17	0.167	0.215
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 7	Brick	Set 2 Non-DBS	Soft holster	1	2412	SKU 12	Battery1	18	19.00	1.259	97.9	1.021	0.02	0.111	0.143
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 7	Brick	Set 2 Non-DBS	Soft holster	1	2412	SKU 12	Battery1	18	19.00	1.259	97.9	1.021	0.01	0.078	0.100
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7	Brick	Set 2 Non-DBS	-	1	2412	SKU 4	Battery2	18	19.00	1.259	97.9	1.021	0.15	0.189	0.243
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7	Brick	Set 2 Non-DBS	-	1	2412	SKU 12	Battery3	18	19.00	1.259	97.9	1.021	0.04	0.196	0.252
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7	Brick	Set 2 Non-DBS	-	1	2412	SKU 12	Battery4	18	19.00	1.259	97.9	1.021	-0.07	0.201	0.258
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 7	Gun	Set 2 Non-DBS	-	1	2412	SKU 7	Battery1	18	19.00	1.259	97.9	1.021	-0.17	0.016	0.021
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 7	Gun	Set 2 Non-DBS	Rigid holster	1	2412	SKU 7	Battery1	18	19.00	1.259	97.9	1.021	-0.08	0.077	0.099
	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 7	Gun	Set 2 Non-DBS	Soft holster	1	2412	SKU 7	Battery1	18	19.00	1.259	97.9	1.021	0.01	0.052	0.067
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 7	Gun	Set 2 Non-DBS	Rigid holster	1	2412	SKU 1	Battery2	18	19.00	1.259	97.9	1.021	0.07	0.076	0.098
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 7	Gun	Set 2 Non-DBS	Rigid holster	1	2412	SKU 2	Battery3	18	19.00	1.259	97.9	1.021	-0.17	0.072	0.093
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 7	Gun	Set 2 Non-DBS	Rigid holster	1	2412	SKU 5	Battery4	18	19.00	1.259	97.9	1.021	0.08	0.075	0.096
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	1	2412	SKU 12	Battery1	18.54	19.00	1.112	98.05	1.020	-0.11	0.118	0.134
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	1	2412	SKU 12	Battery1	18.54	19.00	1.112	98.05	1.020	-0.14	0.223	0.253
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Rigid holster	1	2412	SKU 12	Battery1	18.54	19.00	1.112	98.05	1.020	0.07	0.107	0.121
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	1	2412	SKU 12	Battery1	18.54	19.00	1.112	98.05	1.020	0.08	0.453	0.514
45	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	1	2412	SKU 12	Battery1	18.54	19.00	1.112	98.05	1.020	-0.03	0.462	0.524
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	1	2412	SKU 4	Battery2	18.54	19.00	1.112	98.05	1.020	0.02	0.450	0.510
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	1	2412	SKU 12	Battery3	18.54	19.00	1.112	98.05	1.020	0.03	0.453	0.514
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	1	2412	SKU 12	Battery4	18.54	19.00	1.112	98.05	1.020	0.09	0.449	0.509
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	-	1	2412	SKU 7	Battery1	18.54	19.00	1.112	98.05	1.020	-0.17	0.134	0.152
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Rigid holster	1	2412	SKU 7	Battery1	18.54	19.00	1.112	98.05	1.020	-0.06	0.399	0.452
	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	1	2412	SKU 7	Battery1	18.54	19.00	1.112	98.05	1.020	0.01	0.184	0.209
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	1	2412	SKU 7	Battery1	18.54	19.00	1.112	98.05	1.020	0.04	0.456	0.517
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	1	2412	SKU 1	Battery2	18.54	19.00	1.112	98.05	1.020	0	0.431	0.489
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	1	2412	SKU 2	Battery3	18.54	19.00	1.112	98.05	1.020	-0.02	0.400	0.454
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	1	2412	SKU 5	Battery4	18.54	19.00	1.112	98.05	1.020	0.01	0.399	0.452

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Holster	Ch.	Freq. (MHz)	SKU	Battery	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	Front	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.63	1.004	0.08	0.379	0.513
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.63	1.004	0.01	0.184	0.249
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Rigid holster	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.63	1.004	0.08	0.127	0.172
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.63	1.004	-0.09	0.070	0.095
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.63	1.004	0.08	0.102	0.138
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	58	5290	SKU 4	Battery2	15.7	17.00	1.349	99.63	1.004	0	0.353	0.478
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	58	5290	SKU 12	Battery3	15.7	17.00	1.349	99.63	1.004	-0.07	0.354	0.479
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	58	5290	SKU 12	Battery4	15.7	17.00	1.349	99.63	1.004	0.09	0.366	0.496
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	5mm	Ant 6+7(6)	Brick	Set 2 DBS	-	50	5250	SKU 12	Battery1	13.88	15.00	1.294	99.51	1.005	-0.15	0.210	0.273
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	-	58	5290	SKU 7	Battery1	15.7	17.00	1.349	99.63	1.004	-0.14	0.144	0.195
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Rigid holster	58	5290	SKU 7	Battery1	15.7	17.00	1.349	99.63	1.004	0.1	0.095	0.129
46	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	58	5290	SKU 7	Battery1	15.7	17.00	1.349	99.63	1.004	-0.03	0.439	0.595
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	58	5290	SKU 7	Battery1	15.7	17.00	1.349	99.63	1.004	0.1	0.131	0.177
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	58	5290	SKU 1	Battery2	15.7	17.00	1.349	99.63	1.004	0.04	0.422	0.572
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	58	5290	SKU 2	Battery3	15.7	17.00	1.349	99.63	1.004	-0.06	0.356	0.482
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	58	5290	SKU 5	Battery4	15.7	17.00	1.349	99.63	1.004	-0.18	0.324	0.439
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	-0.1	0.380	0.476
47	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	0.04	0.605	0.758
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Rigid holster	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	0	0.092	0.115
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	-0.13	0.086	0.108
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	-0.03	0.188	0.235
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	106	5530	SKU 4	Battery2	15.54	16.50	1.247	99.63	1.004	0.09	0.553	0.693
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	106	5530	SKU 12	Battery3	15.54	16.50	1.247	99.63	1.004	-0.13	0.588	0.736
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	106	5530	SKU 12	Battery4	15.54	16.50	1.247	99.63	1.004	-0.1	0.597	0.748
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 DBS	-	114	5570	SKU 12	Battery1	10.52	12.00	1.406	99.51	1.005	-0.1	0.316	0.447
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	-	106	5530	SKU 7	Battery1	15.54	16.50	1.247	99.63	1.004	0.01	0.267	0.334
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Rigid holster	106	5530	SKU 7	Battery1	15.54	16.50	1.247	99.63	1.004	0.05	0.116	0.145
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	106	5530	SKU 7	Battery1	15.54	16.50	1.247	99.63	1.004	-0.09	0.504	0.631
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	106	5530	SKU 7	Battery1	15.54	16.50	1.247	99.63	1.004	-0.05	0.202	0.253
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	106	5530	SKU 1	Battery2	15.54	16.50	1.247	99.63	1.004	0.11	0.367	0.460
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	106	5530	SKU 2	Battery3	15.54	16.50	1.247	99.63	1.004	0.04	0.313	0.392
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	106	5530	SKU 5	Battery4	15.54	16.50	1.247	99.63	1.004	-0.03	0.272	0.341
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	155	5775	SKU 12	Battery1	16.05	16.50	1.109	99.63	1.004	-0.09	0.404	0.450
48	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	155	5775	SKU 12	Battery1	16.05	16.50	1.109	99.63	1.004	-0.05	0.710	0.791
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Rigid holster	155	5775	SKU 12	Battery1	16.05	16.50	1.109	99.63	1.004	-0.13	0.093	0.104
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	155	5775	SKU 12	Battery1	16.05	16.50	1.109	99.63	1.004	0.08	0.077	0.086
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	Soft holster	155	5775	SKU 12	Battery1	16.05	16.50	1.109	99.63	1.004	-0.13	0.310	0.345
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	155	5775	SKU 4	Battery2	16.05	16.50	1.109	99.63	1.004	-0.16	0.539	0.600
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	155	5775	SKU 12	Battery3	16.05	16.50	1.109	99.63	1.004	0.04	0.692	0.771
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	155	5775	SKU 12	Battery4	16.05	16.50	1.109	99.63	1.004	0.18	0.701	0.781
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 DBS	-	155	5775	SKU 12	Battery1	12.93	13.50	1.140	99.63	1.004	-0.08	0.387	0.443
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	-	155	5775	SKU 7	Battery1	16.05	16.50	1.109	99.63	1.004	-0.03	0.202	0.225
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Rigid holster	155	5775	SKU 7	Battery1	16.05	16.50	1.109	99.63	1.004	0.1	0.090	0.100
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	155	5775	SKU 7	Battery1	16.05	16.50	1.109	99.63	1.004	-0.06	0.581	0.647
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	155	5775	SKU 7	Battery1	16.05	16.50	1.109	99.63	1.004	0.04	0.211	0.235
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	155	5775	SKU 1	Battery2	16.05	16.50	1.109	99.63	1.004	-0.05	0.482	0.537
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	155	5775	SKU 2	Battery3	16.05	16.50	1.109	99.63	1.004	0.11	0.443	0.493
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	155	5775	SKU 5	Battery4	16.05	16.50	1.109	99.63	1.004	0.02	0.415	0.462

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Holster	Ch.	Freq. (MHz)	SKU	Battery	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	5mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	-	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	0	0.116	0.127	1.03	1.131
49	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	-	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	0.09	0.182	0.200	1.62	1.779
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	Soft holster	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	-0.1	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	Soft holster	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	0.11	0.087	0.096	0.857	0.941
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	Rigid holster	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	-0.03	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	-	47	6185	SKU 12	Battery1	10.5	11.50	1.259	99.42	1.006	-0.15	0.153	0.194	1.29	1.634
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	-	111	6505	SKU 12	Battery1	8.84	10.00	1.306	99.42	1.006	-0.11	0.063	0.083	0.56	0.736
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	-	143	6665	SKU 12	Battery1	8.25	9.50	1.334	99.42	1.006	0.12	0.088	0.118	0.743	0.997
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	-	207	6985	SKU 12	Battery1	10.2	11.00	1.202	99.42	1.006	-0.06	0.085	0.103	0.702	0.849
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	-	15	6025	SKU 4	Battery2	11.12	11.50	1.091	99.42	1.006	0.16	0.175	0.192	1.6	1.757
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	-	15	6025	SKU 12	Battery3	11.12	11.50	1.091	99.42	1.006	0.16	0.176	0.193	1.53	1.680
	WLAN6GHz	802.11ax-HE160 MCS0	Back	5mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	-	15	6025	SKU 12	Battery4	11.12	11.50	1.091	99.42	1.006	-0.12	0.173	0.190	1.55	1.702
	WLAN6GHz	802.11ax-HE160 MCS0	Front	15mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	-	47	6185	SKU 7	Battery1	10.5	11.50	1.259	99.42	1.006	0.11	0.062	0.079	0.566	0.717
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Rigid holster	47	6185	SKU 7	Battery1	10.5	11.50	1.259	99.42	1.006	0	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	47	6185	SKU 7	Battery1	10.5	11.50	1.259	99.42	1.006	0.14	0.127	0.161	1.13	1.431
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	47	6185	SKU 7	Battery1	10.5	11.50	1.259	99.42	1.006	-0.07	0.156	0.198	1.4	1.773
	WLAN6GHz	802.11ax-HE160 MCS0	Front	15mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	-	15	6025	SKU 7	Battery1	11.12	11.50	1.091	99.42	1.006	0.04	0.044	0.048	0.398	0.437
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Rigid holster	15	6025	SKU 7	Battery1	11.12	11.50	1.091	99.42	1.006	0.01	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	15	6025	SKU 7	Battery1	11.12	11.50	1.091	99.42	1.006	0.1	0.090	0.099	0.795	0.873
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	15	6025	SKU 7	Battery1	11.12	11.50	1.091	99.42	1.006	-0.06	0.111	0.122	0.986	1.083
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	111	6505	SKU 7	Battery1	8.84	10.00	1.306	99.42	1.006	-0.12	0.143	0.188	1.26	1.656
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	143	6665	SKU 7	Battery1	8.25	9.50	1.334	99.42	1.006	0.01	0.136	0.182	1.18	1.583
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	Soft holster	207	6985	SKU 7	Battery1	10.2	11.00	1.202	99.42	1.006	-0.02	0.138	0.167	1.21	1.463
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	47	6185	SKU 1	Battery2	10.5	11.50	1.259	99.42	1.006	0.17	0.150	0.190	1.32	1.672
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	47	6185	SKU 2	Battery3	10.5	11.50	1.259	99.42	1.006	0.03	0.134	0.170	1.26	1.596
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Gun	Set 2 Non-DBS	Soft holster	47	6185	SKU 5	Battery4	10.5	11.50	1.259	99.42	1.006	0.03	0.125	0.158	1.14	1.444

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Holster	Ch.	Freq. (MHz)	SKU	Battery	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	5mm	Ant 6	Brick	Set 1 Non-DBS	-	0	2402	SKU 12	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	5mm	Ant 6	Brick	Set 1 Non-DBS	-	0	2402	SKU 12	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 6	Brick	Set 1 Non-DBS	Soft holster	0	2402	SKU 12	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
50	Bluetooth	1Mbps	Back	0mm	Ant 6	Brick	Set 1 Non-DBS	Soft holster	0	2402	SKU 12	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 6	Brick	Set 1 Non-DBS	Rigid holster	0	2402	SKU 12	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 6	Brick	Set 1 Non-DBS	Soft holster	0	2402	SKU 4	Battery2	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 6	Brick	Set 1 Non-DBS	Soft holster	0	2402	SKU 12	Battery3	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 6	Brick	Set 1 Non-DBS	Soft holster	0	2402	SKU 12	Battery4	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front	15mm	Ant 6	Gun	Set 1 Non-DBS	-	0	2402	SKU 7	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	0mm	Ant 6	Gun	Set 1 Non-DBS	Soft holster	0	2402	SKU 7	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 6	Gun	Set 1 Non-DBS	Rigid holster	0	2402	SKU 7	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	0mm	Ant 6	Gun	Set 1 Non-DBS	Soft holster	0	2402	SKU 1	Battery2	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	0mm	Ant 6	Gun	Set 1 Non-DBS	Soft holster	0	2402	SKU 2	Battery3	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right Side	0mm	Ant 6	Gun	Set 1 Non-DBS	Soft holster	0	2402	SKU 5	Battery4	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front	5mm	Ant 7	Brick	Set 1 Non-DBS	-	39	2441	SKU 12	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	5mm	Ant 7	Brick	Set 1 Non-DBS	-	39	2441	SKU 12	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 7	Brick	Set 1 Non-DBS	Soft holster	39	2441	SKU 12	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 7	Brick	Set 1 Non-DBS	Soft holster	39	2441	SKU 12	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 7	Brick	Set 1 Non-DBS	Rigid holster	39	2441	SKU 12	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	5mm	Ant 7	Brick	Set 1 Non-DBS	-	39	2441	SKU 4	Battery2	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	5mm	Ant 7	Brick	Set 1 Non-DBS	-	39	2441	SKU 12	Battery3	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	5mm	Ant 7	Brick	Set 1 Non-DBS	-	39	2441	SKU 12	Battery4	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Front	15mm	Ant 7	Gun	Set 1 Non-DBS	-	39	2441	SKU 7	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Left Side	0mm	Ant 7	Gun	Set 1 Non-DBS	Soft holster	39	2441	SKU 7	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 7	Gun	Set 1 Non-DBS	Rigid holster	39	2441	SKU 7	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 7	Gun	Set 1 Non-DBS	Rigid holster	39	2441	SKU 1	Battery2	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 7	Gun	Set 1 Non-DBS	Rigid holster	39	2441	SKU 2	Battery3	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Front	0mm	Ant 7	Gun	Set 1 Non-DBS	Rigid holster	39	2441	SKU 5	Battery4	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001

13.3 Extremity SAR

<WCDMA SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
51	WCDMA II_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	9538	1907.6	SKU7	Battery1	23.47	23.90	1.104	0.06	0.948	1.047
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	9538	1907.6	SKU1	Battery2	23.47	23.90	1.104	-0.09	0.661	0.730
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	9538	1907.6	SKU2	Battery3	23.47	23.90	1.104	-0.02	0.895	0.988
	WCDMA II_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	9538	1907.6	SKU5	Battery4	23.47	23.90	1.104	-0.04	0.933	1.030
52	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	1513	1752.6	SKU7	Battery1	23.22	23.30	1.019	0.18	1.110	1.131
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	1513	1752.6	SKU1	Battery2	23.22	23.30	1.019	-0.05	1.100	1.120
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	1513	1752.6	SKU2	Battery3	23.22	23.30	1.019	-0.03	0.973	0.991
	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	1513	1752.6	SKU5	Battery4	23.22	23.30	1.019	-0.06	1.090	1.110
53	WCDMA V_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	4182	836.4	SKU7	Battery1	24.23	25.00	1.194	-0.01	0.535	0.639
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	4182	836.4	SKU1	Battery2	24.23	25.00	1.194	0.18	0.375	0.448
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	4182	836.4	SKU2	Battery3	24.23	25.00	1.194	-0.12	0.353	0.421
	WCDMA V_Ant 1	RMC 12.2Kbps	Back	0mm	Gun	DSI 1	4182	836.4	SKU5	Battery4	24.23	25.00	1.194	0.18	0.343	0.410

<LTE SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
54	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	18700	1860	SKU7	Battery1	24.64	24.70	1.014	-0.14	1.200	1.217
	LTE Band 2_Ant 1	20M	QPSK	50	0	Back	0mm	Gun	DSI 1	18700	1860	SKU7	Battery1	23.60	23.90	1.072	0.08	1.008	1.080
	LTE Band 2C_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	18700+18898	1860	SKU7	Battery1	24.38	24.70	1.076	0.02	1.120	1.206
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	18700	1860	SKU1	Battery2	24.64	24.70	1.014	-0.05	0.994	1.008
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	18700	1860	SKU2	Battery3	24.64	24.70	1.014	0.02	1.170	1.186
	LTE Band 2_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	18700	1860	SKU5	Battery4	24.64	24.70	1.014	-0.05	1.154	1.170
55	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	21100	2535	SKU7	Battery1	25.38	25.70	1.076	0.08	0.875	0.942
	LTE Band 7_Ant 5	20M	QPSK	50	0	Back	0mm	Gun	DSI 1	21100	2535	SKU7	Battery1	24.42	24.70	1.067	0.04	0.745	0.795
	LTE Band 7C_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	21100+20902	2535	SKU7	Battery1	25.31	25.70	1.094	0.12	0.851	0.931
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	21100	2535	SKU1	Battery2	25.38	25.70	1.076	-0.18	0.823	0.886
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	21100	2535	SKU2	Battery3	25.38	25.70	1.076	0.07	0.782	0.842
	LTE Band 7_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	21100	2535	SKU5	Battery4	25.38	25.70	1.076	0.01	0.798	0.859
56	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	0mm	Gun	DSI 1	23095	707.5	SKU7	Battery1	25.49	25.70	1.050	0.12	0.555	0.582
	LTE Band 12_Ant 1	10M	QPSK	25	0	Back	0mm	Gun	DSI 1	23095	707.5	SKU7	Battery1	24.51	24.70	1.045	0.08	0.460	0.481
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	0mm	Gun	DSI 1	23095	707.5	SKU1	Battery2	25.49	25.70	1.050	-0.01	0.546	0.573
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	0mm	Gun	DSI 1	23095	707.5	SKU2	Battery3	25.49	25.70	1.050	-0.18	0.521	0.547
	LTE Band 12_Ant 1	10M	QPSK	1	0	Back	0mm	Gun	DSI 1	23095	707.5	SKU5	Battery4	25.49	25.70	1.050	0.14	0.436	0.458
57	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	0mm	Gun	DSI 1	26865	831.5	SKU7	Battery1	25.56	25.70	1.033	0.06	0.678	0.700
	LTE Band 26_Ant 1	15M	QPSK	36	0	Back	0mm	Gun	DSI 1	26865	831.5	SKU7	Battery1	24.55	24.70	1.035	0.01	0.551	0.570
	LTE Band 5B_Ant 1	15M	QPSK	1	0	Back	0mm	Gun	DSI 1	20475+20574	831.5	SKU7	Battery1	25.30	25.70	1.096	0.02	0.623	0.683
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	0mm	Gun	DSI 1	26865	831.5	SKU1	Battery2	25.56	25.70	1.033	-0.04	0.578	0.597
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	0mm	Gun	DSI 1	26865	831.5	SKU2	Battery3	25.56	25.70	1.033	-0.15	0.478	0.494
	LTE Band 26_Ant 1	15M	QPSK	1	0	Back	0mm	Gun	DSI 1	26865	831.5	SKU5	Battery4	25.56	25.70	1.033	0.09	0.561	0.579
58	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	132072	1720	SKU7	Battery1	22.30	22.60	1.072	0.13	1.030	1.104
	LTE Band 66_Ant 1	20M	QPSK	50	0	Back	0mm	Gun	DSI 1	132072	1720	SKU7	Battery1	21.31	21.60	1.069	-0.08	0.875	0.935
	LTE Band 66B_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	132322+132229	1745	SKU7	Battery1	22.24	22.60	1.086	0.12	0.985	1.070
	LTE Band 66C_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	132322+132124	1745	SKU7	Battery1	22.23	22.60	1.089	0.02	0.969	1.055
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	132072	1720	SKU1	Battery2	22.30	22.60	1.072	0.17	1.000	1.072
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	132072	1720	SKU2	Battery3	22.30	22.60	1.072	-0.1	0.985	1.055
	LTE Band 66_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	132072	1720	SKU5	Battery4	22.30	22.60	1.072	-0.16	1.020	1.093

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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)
59	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	133297	680.5	SKU7	Battery1	24.92	25.00	1.019			0.16	0.346	0.352
	LTE Band 71_Ant 1	20M	QPSK	50	0	Back	0mm	Gun	DSI 1	133297	680.5	SKU7	Battery1	23.87	24.00	1.030			0.12	0.275	0.283
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	133297	680.5	SKU1	Battery2	24.92	25.00	1.019			-0.12	0.329	0.335
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	133297	680.5	SKU2	Battery3	24.92	25.00	1.019			-0.02	0.337	0.343
	LTE Band 71_Ant 1	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	133297	680.5	SKU5	Battery4	24.92	25.00	1.019			0.13	0.320	0.326
60	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	40620	2593	SKU7	Battery1	24.76	25.00	1.057	62.9	1.006	-0.09	0.334	0.355
	LTE Band 41_Ant 5	20M	QPSK	50	0	Back	0mm	Gun	DSI 1	40620	2593	SKU7	Battery1	23.77	24.00	1.054	62.9	1.006	-0.05	0.275	0.292
	LTE Band 41C_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	40620+40422	2593	SKU7	Battery1	24.52	25.00	1.117	62.9	1.006	0.12	0.302	0.339
	LTE Band 41D_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	40620+40422	2593	SKU7	Battery1	24.42	25.00	1.143	62.9	1.006	0.16	0.293	0.337
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	40620	2593	SKU1	Battery2	24.76	25.00	1.057	62.9	1.006	0.04	0.313	0.333
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	40620	2593	SKU2	Battery3	24.76	25.00	1.057	62.9	1.006	-0.05	0.320	0.340
	LTE Band 41_Ant 5	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	40620	2593	SKU5	Battery4	24.76	25.00	1.057	62.9	1.006	0.08	0.315	0.335
61	LTE Band 42_Ant 8	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	42590	3500	SKU7	Battery1	24.53	25.00	1.114	62.9	1.006	-0.07	0.243	0.272
	LTE Band 42_Ant 8	20M	QPSK	50	0	Back	0mm	Gun	DSI 1	42590	3500	SKU7	Battery1	23.59	24.00	1.099	62.9	1.006	0.14	0.210	0.232
	LTE Band 42_Ant 8	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	42590	3500	SKU1	Battery2	24.53	25.00	1.114	62.9	1.006	0.06	0.228	0.256
	LTE Band 42_Ant 8	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	42590	3500	SKU2	Battery3	24.53	25.00	1.114	62.9	1.006	0.05	0.225	0.252
	LTE Band 42_Ant 8	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	42590	3500	SKU5	Battery4	24.53	25.00	1.114	62.9	1.006	-0.19	0.210	0.235
62	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	0mm	Brick	DSI 1	44690	3710	SKU12	Battery1	24.10	25.00	1.230	62.9	1.006	-0.08	1.830	2.265
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	0mm	Brick	DSI 1	45090	3750	SKU12	Battery1	23.96	25.00	1.271	62.9	1.006	0.01	1.760	2.250
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	0mm	Brick	DSI 1	45490	3790	SKU12	Battery1	23.70	25.00	1.349	62.9	1.006	0.12	1.650	2.239
	LTE Band 43_Ant 8	20M	QPSK	50	0	Right Side	0mm	Brick	DSI 1	44690	3710	SKU12	Battery1	23.03	24.00	1.250	62.9	1.006	0.08	1.750	2.201
	LTE Band 43_Ant 8	20M	QPSK	100	0	Right Side	0mm	Brick	DSI 1	44690	3710	SKU12	Battery1	23.01	24.00	1.256	62.9	1.006	0.01	1.740	2.199
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	0mm	Brick	DSI 1	44690	3710	SKU12	Battery2	24.10	25.00	1.230	62.9	1.006	0.03	1.780	2.203
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	0mm	Brick	DSI 1	44690	3710	SKU12	Battery3	24.10	25.00	1.230	62.9	1.006	-0.08	1.800	2.228
	LTE Band 43_Ant 8	20M	QPSK	1	0	Right Side	0mm	Brick	DSI 1	44690	3710	SKU4	Battery4	24.10	25.00	1.230	62.9	1.006	0.1	1.790	2.215
	LTE Band 43_Ant 8	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	44690	3710	SKU7	Battery1	24.10	25.00	1.230	62.9	1.006	0.02	0.276	0.342
	LTE Band 43_Ant 8	20M	QPSK	50	0	Back	0mm	Gun	DSI 1	44690	3710	SKU7	Battery1	23.03	24.00	1.250	62.9	1.006	0.04	0.268	0.337
	LTE Band 43_Ant 8	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	44690	3710	SKU1	Battery2	24.10	25.00	1.230	62.9	1.006	0.15	0.268	0.332
	LTE Band 43_Ant 8	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	44690	3710	SKU2	Battery3	24.10	25.00	1.230	62.9	1.006	0.09	0.265	0.328
	LTE Band 43_Ant 8	20M	QPSK	1	0	Back	0mm	Gun	DSI 1	44690	3710	SKU5	Battery4	24.10	25.00	1.230	62.9	1.006	-0.12	0.250	0.309

<5G NR SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
63	FR1 n2_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	376000	1880	SKU7	Battery1	23.82	23.90	1.019	0.06	1.000	1.019
	FR1 n2_Ant 1	20M	BPSK	50	0	Back	0mm	Gun	DSI 1	376000	1880	SKU7	Battery1	23.57	23.90	1.079	-0.01	0.940	1.014
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	376000	1880	SKU1	Battery2	23.82	23.90	1.019	0.11	0.730	0.744
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	376000	1880	SKU2	Battery3	23.82	23.90	1.019	-0.17	0.928	0.945
	FR1 n2_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	376000	1880	SKU5	Battery4	23.82	23.90	1.019	0.12	0.933	0.950
64	FR1 n7_Ant 5	40M	BPSK	1	1	Back	0mm	Gun	DSI 1	507000	2535	SKU7	Battery1	25.29	25.50	1.050	-0.09	0.670	0.703
	FR1 n7_Ant 5	40M	BPSK	108	0	Back	0mm	Gun	DSI 1	507000	2535	SKU7	Battery1	25.18	25.50	1.076	-0.12	0.641	0.690
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	0mm	Gun	DSI 1	507000	2535	SKU1	Battery2	25.29	25.50	1.050	-0.02	0.526	0.552
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	0mm	Gun	DSI 1	507000	2535	SKU2	Battery3	25.29	25.50	1.050	-0.11	0.562	0.590
	FR1 n7_Ant 5	40M	BPSK	1	1	Back	0mm	Gun	DSI 1	507000	2535	SKU5	Battery4	25.29	25.50	1.050	-0.04	0.523	0.549
65	FR1 n12_Ant 1	15M	BPSK	1	1	Back	0mm	Gun	DSI 1	141500	707.5	SKU7	Battery1	25.07	25.70	1.156	0.18	0.559	0.646
	FR1 n12_Ant 1	15M	BPSK	36	0	Back	0mm	Gun	DSI 1	141500	707.5	SKU7	Battery1	24.85	25.20	1.084	0.03	0.527	0.571
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	0mm	Gun	DSI 1	141500	707.5	SKU1	Battery2	25.07	25.70	1.156	0.14	0.520	0.601
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	0mm	Gun	DSI 1	141500	707.5	SKU2	Battery3	25.07	25.70	1.156	0.03	0.549	0.635
	FR1 n12_Ant 1	15M	BPSK	1	1	Back	0mm	Gun	DSI 1	141500	707.5	SKU5	Battery4	25.07	25.70	1.156	0.13	0.528	0.610

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
66	FR1 n26_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	166300	831.5	SKU7	Battery1	24.67	25.00	1.079	-0.03	0.639	0.689
	FR1 n26_Ant 1	20M	BPSK	50	0	Back	0mm	Gun	DSI 1	166300	831.5	SKU7	Battery1	24.46	24.50	1.009	0.07	0.603	0.609
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	166300	831.5	SKU1	Battery2	24.67	25.00	1.079	-0.19	0.559	0.603
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	166300	831.5	SKU2	Battery3	24.67	25.00	1.079	-0.13	0.498	0.537
	FR1 n26_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	166300	831.5	SKU5	Battery4	24.67	25.00	1.079	0.07	0.483	0.521
67	FR1 n66_Ant 1	40M	BPSK	1	1	Back	0mm	Gun	DSI 1	349000	1745	SKU7	Battery1	22.51	22.80	1.069	0.05	1.070	1.144
	FR1 n66_Ant 1	40M	BPSK	108	0	Back	0mm	Gun	DSI 1	349000	1745	SKU7	Battery1	22.38	22.80	1.102	-0.15	1.031	1.136
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	0mm	Gun	DSI 1	349000	1745	SKU1	Battery2	22.51	22.80	1.069	-0.06	0.862	0.922
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	0mm	Gun	DSI 1	349000	1745	SKU2	Battery3	22.51	22.80	1.069	0.1	0.873	0.933
	FR1 n66_Ant 1	40M	BPSK	1	1	Back	0mm	Gun	DSI 1	349000	1745	SKU5	Battery4	22.51	22.80	1.069	0	0.880	0.941
68	FR1 n71_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	136100	680.5	SKU7	Battery1	24.16	25.00	1.213	0	0.294	0.357
	FR1 n71_Ant 1	20M	BPSK	50	0	Back	0mm	Gun	DSI 1	136100	680.5	SKU7	Battery1	24.07	24.50	1.104	0.03	0.284	0.314
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	136100	680.5	SKU1	Battery2	24.16	25.00	1.213	-0.09	0.249	0.302
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	136100	680.5	SKU2	Battery3	24.16	25.00	1.213	0.04	0.292	0.354
	FR1 n71_Ant 1	20M	BPSK	1	1	Back	0mm	Gun	DSI 1	136100	680.5	SKU5	Battery4	24.16	25.00	1.213	0.07	0.256	0.311
69	FR1 n41_Ant 5	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	25.29	25.70	1.099	-0.09	0.700	0.769
	FR1 n41_Ant 5	100M	BPSK	135	69	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	25.26	25.70	1.107	0.05	0.690	0.764
	FR1 n41_HPUE_Ant 5	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	27.19	27.50	1.074	0.11	0.499	0.536
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU1	Battery2	25.29	25.70	1.099	-0.01	0.675	0.742
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU2	Battery3	25.29	25.70	1.099	-0.05	0.652	0.717
	FR1 n41_Ant 5	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU5	Battery4	25.29	25.70	1.099	-0.08	0.639	0.702
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	23	23	1.000	-0.06	0.635	0.635
	FR1 n41_Ant 2	100M	BPSK	135	138	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	22.26	22.5	1.057	-0.08	0.538	0.569
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU1	Battery2	23	23	1.000	-0.03	0.488	0.488
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU2	Battery3	23	23	1.000	0.02	0.612	0.612
	FR1 n41_Ant 2	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU5	Battery4	23	23	1.000	0.06	0.629	0.629
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	22.21	22.5	1.069	-0.03	0.050	0.053
	FR1 n41_Ant 3	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	22.18	22.5	1.076	0.05	0.045	0.048
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU1	Battery2	22.21	22.5	1.069	-0.08	0.035	0.037
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU2	Battery3	22.21	22.5	1.069	0.19	0.050	0.053
	FR1 n41_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU5	Battery4	22.21	22.5	1.069	0.11	0.036	0.038
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	21.8	22.5	1.175	-0.04	0.110	0.129
	FR1 n41_Ant 4	100M	BPSK	135	69	Back	0mm	Gun	DSI 1	518598	2592.99	SKU7	Battery1	21.78	22.5	1.180	-0.01	0.105	0.124
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU1	Battery2	21.8	22.5	1.175	-0.13	0.084	0.099
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU2	Battery3	21.8	22.5	1.175	0.12	0.098	0.115
	FR1 n41_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	518598	2592.99	SKU5	Battery4	21.8	22.5	1.175	0.1	0.095	0.112

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	21.44	21.50	1.014	-0.04	0.162	0.164
	FR1 n77_Ant 9	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	21.30	21.50	1.047	0.09	0.152	0.159
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	24.45	24.50	1.012	0.03	0.159	0.161
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU1	Battery2	21.44	21.50	1.014	-0.12	0.137	0.139
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU2	Battery3	21.44	21.50	1.014	-0.06	0.141	0.143
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU5	Battery4	21.44	21.50	1.014	-0.17	0.148	0.150
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	21.40	21.50	1.023	0	0.196	0.201
	FR1 n77_Ant 9	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	21.19	21.50	1.074	0.09	0.162	0.174
	FR1 n77_HPUE_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	24.46	24.50	1.009	0.19	0.182	0.184
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU1	Battery2	21.40	21.50	1.023	-0.19	0.153	0.157
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU2	Battery3	21.40	21.50	1.023	0.06	0.191	0.195
	FR1 n77_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU5	Battery4	21.40	21.50	1.023	0.13	0.187	0.191
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU7	Battery1	21.44	21.50	1.014	-0.08	0.129	0.131
	FR1 n77/n78_Ant 9	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	641666	3624.99	SKU7	Battery1	21.29	21.50	1.050	0.04	0.115	0.121
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU1	Battery2	21.44	21.50	1.014	0.09	0.119	0.121
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU2	Battery3	21.44	21.50	1.014	0.14	0.125	0.127
	FR1 n77/n78_Ant 9	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU5	Battery4	21.44	21.50	1.014	-0.09	0.109	0.111
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Brick	DSI 1	656000	3840	SKU12	Battery1	23.02	23.30	1.067	-0.04	1.970	2.101
	FR1 n77_Ant 8	100M	BPSK	135	0	Right Side	0mm	Brick	DSI 1	656000	3840	SKU12	Battery1	22.90	23.30	1.096	0.1	1.873	2.054
	FR1 n77_Ant 8	100M	BPSK	270	0	Right Side	0mm	Brick	DSI 1	656000	3840	SKU12	Battery1	22.76	23.30	1.132	-0.18	1.851	2.096
70	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Brick	DSI 1	656000	3840	SKU12	Battery1	26.01	26.30	1.069	-0.1	2.020	2.159
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Brick	DSI 1	656000	3840	SKU12	Battery2	23.02	23.30	1.067	0.1	1.920	2.048
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Brick	DSI 1	656000	3840	SKU12	Battery3	23.02	23.30	1.067	0.12	1.870	1.995
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Brick	DSI 1	656000	3840	SKU4	Battery4	23.02	23.30	1.067	-0.14	2.000	2.133
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	23.02	23.30	1.067	0.04	0.391	0.417
	FR1 n77_Ant 8	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	22.90	23.30	1.096	-0.12	0.369	0.405
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	26.01	26.30	1.069	0.19	0.287	0.307
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU1	Battery2	23.02	23.30	1.067	-0.1	0.370	0.395
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU2	Battery3	23.02	23.30	1.067	-0.12	0.389	0.415
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU5	Battery4	23.02	23.30	1.067	-0.1	0.335	0.357
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	23.02	23.30	1.067	-0.15	1.970	2.101
	FR1 n77_Ant 8	100M	BPSK	135	0	Right Side	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	22.90	23.30	1.096	-0.03	1.840	2.018
	FR1 n77_Ant 8	100M	BPSK	270	0	Right Side	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	22.76	23.30	1.132	0.06	1.780	2.016
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	26.01	26.30	1.069	-0.11	2.020	2.159
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	656000	3840	SKU7	Battery2	23.02	23.30	1.067	0.14	1.880	2.005
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	656000	3840	SKU7	Battery3	23.02	23.30	1.067	0.11	1.920	2.048
	FR1 n77_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	656000	3840	SKU7	Battery4	23.02	23.30	1.067	-0.05	1.870	1.995
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	22.72	23.30	1.143	-0.17	0.256	0.293
	FR1 n77_Ant 8	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	22.69	23.30	1.151	-0.1	0.246	0.283
	FR1 n77_HPUE_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	25.80	26.30	1.122	-0.09	0.131	0.147
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU1	Battery2	22.72	23.30	1.143	-0.1	0.172	0.197
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU2	Battery3	22.72	23.30	1.143	-0.05	0.197	0.225
	FR1 n77_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU5	Battery4	22.72	23.30	1.143	0.11	0.252	0.288
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	641666	3624.99	SKU12	Battery1	22.80	23.30	1.122	0.03	1.780	1.997
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Right Side	0mm	Gun	DSI 1	641666	3624.99	SKU12	Battery1	22.47	23.30	1.211	0.01	1.623	1.965
	FR1 n77/n78_Ant 8	100M	BPSK	270	0	Right Side	0mm	Gun	DSI 1	641666	3624.99	SKU12	Battery1	22.46	23.30	1.213	0.01	1.616	1.961
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	641666	3624.99	SKU12	Battery2	22.80	23.30	1.122	0.03	1.760	1.975
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	641666	3624.99	SKU12	Battery3	22.80	23.30	1.122	-0.08	1.750	1.964
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Right Side	0mm	Gun	DSI 1	641666	3624.99	SKU12	Battery4	22.80	23.30	1.122	-0.05	1.730	1.941
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU7	Battery1	22.80	23.30	1.122	0.17	0.316	0.355
	FR1 n77/n78_Ant 8	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	641666	3624.99	SKU7	Battery1	22.47	23.30	1.211	0.1	0.298	0.361
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU1	Battery2	22.80	23.30	1.122	-0.03	0.310	0.348

	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU2	Battery3	22.80	23.30	1.122	-0.05	0.294	0.330
	FR1 n77/n78_Ant 8	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU5	Battery4	22.80	23.30	1.122	-0.08	0.280	0.314
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	21.62	22	1.091	-0.02	0.366	0.399
	FR1 n77_Ant 3	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	21.5	22	1.122	-0.01	0.328	0.368
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU1	Battery2	21.62	22	1.091	-0.12	0.339	0.370
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU2	Battery3	21.62	22	1.091	0.16	0.324	0.354
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU5	Battery4	21.62	22	1.091	0.18	0.336	0.367
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	21.51	22	1.119	-0.02	0.399	0.447
	FR1 n77_Ant 3	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	21.32	22	1.169	0.07	0.378	0.442
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU1	Battery2	21.51	22	1.119	0.19	0.395	0.442
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU2	Battery3	21.51	22	1.119	0.15	0.387	0.433
	FR1 n77_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU5	Battery4	21.51	22	1.119	-0.18	0.326	0.365
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU7	Battery1	20.08	20.4	1.076	-0.1	0.373	0.402
	FR1 n77/n78_Ant 3	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	641666	3624.99	SKU7	Battery1	19.86	20.4	1.132	-0.04	0.339	0.384
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU1	Battery2	20.08	20.4	1.076	-0.04	0.315	0.339
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU2	Battery3	20.08	20.4	1.076	0.02	0.306	0.329
	FR1 n77/n78_Ant 3	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU5	Battery4	20.08	20.4	1.076	-0.04	0.368	0.396
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	21.97	22	1.007	-0.11	0.391	0.394
	FR1 n77_Ant 4	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	656000	3840	SKU7	Battery1	21.94	22	1.014	0	0.335	0.340
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU1	Battery2	21.97	22	1.007	0.13	0.303	0.305
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU2	Battery3	21.97	22	1.007	-0.15	0.346	0.348
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	656000	3840	SKU5	Battery4	21.97	22	1.007	-0.14	0.284	0.286
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	21.8	22	1.047	-0.11	0.550	0.576
	FR1 n77_Ant 4	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	633332	3499.98	SKU7	Battery1	21.77	22	1.054	-0.06	0.526	0.555
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU1	Battery2	21.8	22	1.047	-0.07	0.547	0.573
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU2	Battery3	21.8	22	1.047	0.08	0.462	0.484
	FR1 n77_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	633332	3499.98	SKU5	Battery4	21.8	22	1.047	-0.09	0.522	0.547
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU7	Battery1	20.26	20.4	1.033	-0.06	0.442	0.456
	FR1 n77/n78_Ant 4	100M	BPSK	135	0	Back	0mm	Gun	DSI 1	641666	3624.99	SKU7	Battery1	20.21	20.4	1.045	0.15	0.411	0.429
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU1	Battery2	20.26	20.4	1.033	-0.11	0.379	0.391
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU2	Battery3	20.26	20.4	1.033	-0.14	0.324	0.335
	FR1 n77/n78_Ant 4	100M	BPSK	1	1	Back	0mm	Gun	DSI 1	641666	3624.99	SKU5	Battery4	20.26	20.4	1.033	-0.11	0.437	0.451

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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)
71	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Gun	Set 2 Non-DBS	6	2437	SKU 7	Battery1	18.85	19.00	1.035	98.05	1.020	0.05	0.394	0.416
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Gun	Set 2 Non-DBS	6	2437	SKU 1	Battery2	18.85	19.00	1.035	98.05	1.020	0.11	0.381	0.402
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Gun	Set 2 Non-DBS	6	2437	SKU 2	Battery3	18.85	19.00	1.035	98.05	1.020	-0.1	0.384	0.405
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Gun	Set 2 Non-DBS	6	2437	SKU 5	Battery4	18.85	19.00	1.035	98.05	1.020	0.08	0.343	0.362
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 7	Gun	Set 2 Non-DBS	1	2412	SKU 7	Battery1	18	19.00	1.259	98.05	1.020	0.05	0.115	0.148
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 7	Gun	Set 2 Non-DBS	1	2412	SKU 1	Battery2	18	19.00	1.259	98.05	1.020	-0.04	0.104	0.134
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 7	Gun	Set 2 Non-DBS	1	2412	SKU 2	Battery3	18	19.00	1.259	98.05	1.020	0.04	0.111	0.143
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 7	Gun	Set 2 Non-DBS	1	2412	SKU 5	Battery4	18	19.00	1.259	98.05	1.020	0.04	0.110	0.141
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	1	2412	SKU 7	Battery1	18.54	19.00	1.112	98.05	1.020	0.01	0.296	0.336
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	1	2412	SKU 1	Battery2	18.54	19.00	1.112	98.05	1.020	-0.1	0.298	0.338
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	1	2412	SKU 2	Battery3	18.54	19.00	1.112	98.05	1.020	-0.15	0.280	0.318
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	1	2412	SKU 5	Battery4	18.54	19.00	1.112	98.05	1.020	0.07	0.265	0.301

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.51	1.005	-0.02	0.236	0.320
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.51	1.005	-0.05	0.131	0.178
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.51	1.005	0.1	1.040	1.410
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	58	5290	SKU 12	Battery1	15.7	17.00	1.349	99.51	1.005	0	0.997	1.352
72	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	58	5290	SKU 4	Battery2	15.7	17.00	1.349	99.51	1.005	0	1.830	2.481
	WLAN5GHz	802.11n-HT40 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	54	5270	SKU 4	Battery2	16.22	17.00	1.197	99.76	1.002	0.15	1.860	2.230
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	58	5290	SKU 12	Battery3	15.7	17.00	1.349	99.51	1.005	-0.19	1.800	2.440
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	58	5290	SKU 12	Battery4	15.7	17.00	1.349	99.51	1.005	-0.06	1.710	2.318
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	58	5290	SKU 7	Battery1	15.7	17.00	1.349	99.51	1.005	0	0.232	0.315
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	58	5290	SKU 1	Battery2	15.7	17.00	1.349	99.51	1.005	0.03	0.299	0.405
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	58	5290	SKU 2	Battery3	15.7	17.00	1.349	99.51	1.005	-0.04	0.213	0.289
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	58	5290	SKU 5	Battery4	15.7	17.00	1.349	99.51	1.005	-0.07	0.202	0.274
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	-0.17	0.175	0.219
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	-0.05	0.227	0.284
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	-0.02	1.260	1.578
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	106	5530	SKU 12	Battery1	15.54	16.50	1.247	99.63	1.004	-0.1	0.892	1.117
73	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	106	5530	SKU 4	Battery2	15.54	16.50	1.247	99.63	1.004	-0.01	1.960	2.455
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	122	5610	SKU 4	Battery2	15.3	16.50	1.318	99.63	1.004	-0.13	1.790	2.369
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	106	5530	SKU 12	Battery3	15.54	16.50	1.247	99.63	1.004	-0.19	1.200	1.503
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	106	5530	SKU 12	Battery4	15.54	16.50	1.247	99.63	1.004	-0.15	1.250	1.565
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	106	5530	SKU 7	Battery1	15.54	16.50	1.247	99.63	1.004	0.08	0.350	0.438
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	106	5530	SKU 1	Battery2	15.54	16.50	1.247	99.63	1.004	0.14	0.373	0.467
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	106	5530	SKU 2	Battery3	15.54	16.50	1.247	99.63	1.004	0.03	0.316	0.396
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	106	5530	SKU 5	Battery4	15.54	16.50	1.247	99.63	1.004	-0.08	0.308	0.386
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	155	5775	SKU 7	Battery1	16.05	16.50	1.109	99.63	1.004	-0.08	0.271	0.302
74	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	155	5775	SKU 1	Battery2	16.05	16.50	1.109	99.63	1.004	0.16	0.276	0.307
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	155	5775	SKU 2	Battery3	16.05	16.50	1.109	99.63	1.004	0.1	0.255	0.284
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6+7(6)	Gun	Set 2 Non-DBS	155	5775	SKU 5	Battery4	16.05	16.50	1.109	99.63	1.004	-0.18	0.270	0.301

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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 6+7(7)	Brick	Set 2 Non-DBS	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	0.13	0.056	0.061	1.35	1.482
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	0.09	0.100	0.110	2.33	2.558
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	-0.08	0.266	0.292	6.18	6.786
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	15	6025	SKU 12	Battery1	11.12	11.50	1.091	99.42	1.006	-0.02	0.277	0.304	6.56	7.203
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 12	Battery1	10.5	11.50	1.259	99.42	1.006	-0.12	0.061	0.077	1.48	1.874
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 12	Battery1	10.5	11.50	1.259	99.42	1.006	-0.12	0.110	0.139	2.57	3.255
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 12	Battery1	10.5	11.50	1.259	99.42	1.006	0.11	0.295	0.374	7.1	8.992
75	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 12	Battery1	10.5	11.50	1.259	99.42	1.006	-0.04	0.306	0.388	7.27	9.207
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	111	6505	SKU 12	Battery1	8.84	10.00	1.306	99.42	1.006	0.04	0.185	0.243	4.44	5.834
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	143	6665	SKU 12	Battery1	8.25	9.50	1.334	99.42	1.006	-0.15	0.162	0.217	3.89	5.219
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	207	6985	SKU 12	Battery1	10.2	11.00	1.202	99.42	1.006	0.02	0.194	0.235	4.6	5.564
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 4	Battery2	10.5	11.50	1.259	99.42	1.006	0	0.258	0.327	6.4	8.105
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 12	Battery3	10.5	11.50	1.259	99.42	1.006	-0.06	0.295	0.374	6.99	8.853
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 12	Battery4	10.5	11.50	1.259	99.42	1.006	-0.17	0.290	0.367	7.1	8.992
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	15	6025	SKU 7	Battery1	11.12	11.50	1.091	99.42	1.006	0.14	0.097	0.107	2.16	2.372
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 7	Battery1	10.5	11.50	1.259	99.42	1.006	-0.18	0.088	0.111	1.98	2.508
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	111	6505	SKU 7	Battery1	8.84	10.00	1.306	99.42	1.006	-0.08	0.059	0.078	1.35	1.774
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	143	6665	SKU 7	Battery1	8.25	9.50	1.334	99.42	1.006	-0.16	0.063	0.085	1.4	1.878
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(6)	Brick	Set 2 Non-DBS	207	6985	SKU 7	Battery1	10.2	11.00	1.202	99.42	1.006	-0.1	0.077	0.093	1.76	2.129
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 1	Battery2	10.5	11.50	1.259	99.42	1.006	-0.07	0.071	0.090	1.89	2.394
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 2	Battery3	10.5	11.50	1.259	99.42	1.006	-0.03	0.071	0.090	0.87	1.102
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 6+7(7)	Brick	Set 2 Non-DBS	47	6185	SKU 5	Battery4	10.5	11.50	1.259	99.42	1.006	-0.15	0.070	0.089	1.89	2.394

<Bluetooth SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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)
76	Bluetooth	1Mbps	Back	0mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 7	Battery1	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 1	Battery2	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 2	Battery3	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 6	Gun	Set 1 Non-DBS	0	2402	SKU 5	Battery4	6.33	6.50	1.039	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 7	Battery1	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 1	Battery2	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 2	Battery3	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001
	Bluetooth	1Mbps	Back	0mm	Ant 7	Gun	Set 1 Non-DBS	39	2441	SKU 5	Battery4	4.62	5.00	1.091	76.8	1.085	0	0.001	0.001

<NFC SAR>

Plot No.	Band	Test Position	Gap (mm)	Brick/ Gun Type	Freq. (MHz)	SKU	Battery	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)
	NFC	Front	0mm	Brick	13.56	SKU 12	Battery1	1.000	0	0.001
77	NFC	Back	0mm	Brick	13.56	SKU 12	Battery1	1.000	-0.11	0.026
	NFC	Left Side	0mm	Brick	13.56	SKU 12	Battery1	1.000	0	0.001
	NFC	Right Side	0mm	Brick	13.56	SKU 12	Battery1	1.000	0	0.001
	NFC	Top Side	0mm	Brick	13.56	SKU 12	Battery1	1.000	0	0.001
	NFC	Back	0mm	Brick	13.56	SKU 4	Battery2	1.000	0.03	0.018
	NFC	Back	0mm	Brick	13.56	SKU 12	Battery3	1.000	0.04	0.020
	NFC	Back	0mm	Brick	13.56	SKU 12	Battery4	1.000	-0.06	0.019
	NFC	Back	0mm	Gun	13.56	SKU 7	Battery1	1.000	0.12	0.015
	NFC	Back	0mm	Gun	13.56	SKU 1	Battery2	1.000	0.09	0.013
	NFC	Back	0mm	Gun	13.56	SKU 2	Battery3	1.000	-0.14	0.009
	NFC	Back	0mm	Gun	13.56	SKU 5	Battery4	1.000	0.13	0.012

13.4 6GHz PD SAR Result

Band	Mode	Test Position	Gap (mm)	Antenna	SKU	Battery	Holster	Brick / Gun Type	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	Right Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	15	6025	11.12	0.0625	3.5	-0.89400411	3.16	3.95
WLAN6GHz	802.11ax-HE160 MCS0	Right Side	10mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	15	6025	11.12	0.25	4.3		1.36	1.48
WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(6)	SKU12	Battery1	-	Brick	207	6985	10.20	0.0625	3.09	-0.89825117	3.69	3.97
WLAN6GHz	802.11ax-HE160 MCS0	Right Side	8.59mm	Ant 6+7(6)	SKU12	Battery1	-	Brick	207	6985	10.20	0.25	3.8		2.28	2.53

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	SKU	Battery	Holster	Brick / Gun Type	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Duty Cycle %	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 6+7(7)	SKU12	Battery1	-	Brick	15	6025	11.12	11.50	99.42	0.0625	1.5535	0.02	0.414	0.71	0.429	0.73
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	15	6025	11.12	11.50	99.42	0.0625	1.5535	-0.05	1.69	2.88	1.75	2.99
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	15	6025	11.12	11.50	99.42	0.0625	1.5535	-0.02	3.2	5.46	3.67	6.26
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	47	6185	10.50	11.50	99.42	0.0625	1.5535	0.16	2.54	5.00	3.19	6.28
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	111	6505	8.84	10.00	99.42	0.0625	1.5535	-0.03	2.12	4.33	2.43	4.96
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	143	6665	8.25	9.50	99.42	0.0625	1.5535	-0.02	1.81	3.77	2.27	4.73
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 6+7(6)	SKU12	Battery1	-	Brick	207	6985	10.20	11.00	99.42	0.0625	1.5535	0.15	1.84	3.46	2.06	3.87
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	15	6025	11.12	11.50	99.42	0.0625	1.5535	0.06	3.16	5.39	3.95	6.74
78	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	47	6185	10.50	11.50	99.42	0.0625	1.5535	0.14	3.55	6.98	3.8	7.48
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	111	6505	8.84	10.00	99.42	0.0625	1.5535	-0.08	2.89	5.90	3.09	6.31
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(7)	SKU12	Battery1	-	Brick	143	6665	8.25	9.50	99.42	0.0625	1.5535	-0.02	2.65	5.52	3.3	6.88
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(6)	SKU12	Battery1	-	Brick	207	6985	10.20	11.00	99.42	0.0625	1.5535	0.06	3.69	6.93	3.97	7.46
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(7)	SKU12	Battery2	-	Brick	47	6185	10.50	11.50	99.42	0.0625	1.5535	0.08	3.35	6.59	3.62	7.12
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(7)	SKU12	Battery3	-	Brick	47	6185	10.50	11.50	99.42	0.0625	1.5535	-0.17	3.42	6.73	3.68	7.24
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(6)	SKU4	Battery1	-	Brick	47	6185	10.50	11.50	99.42	0.0625	1.5535	0.08	3.27	6.43	3.55	6.98
	WLAN6GHz	802.11ax-HE160 MCS0	Front	15mm	Ant 6+7(7)	SKU7	Battery1	-	Gun	15	6025	11.12	11.50	99.42	0.25	1.5535	0	0.025	0.04	0.032	0.05
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(7)	SKU7	Battery1	-	Gun	15	6025	11.12	11.50	99.42	0.0625	1.5535	0.03	1.88	3.21	2.2	3.75
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(7)	SKU7	Battery1	-	Gun	47	6185	10.50	11.50	99.42	0.0625	1.5535	0.09	1.7	3.34	1.82	3.58
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(7)	SKU7	Battery1	-	Gun	111	6505	8.84	10.00	99.42	0.0625	1.5535	-0.01	1.09	2.23	1.21	2.47
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(7)	SKU7	Battery1	-	Gun	143	6665	8.25	9.50	99.42	0.0625	1.5535	0.15	1.16	2.42	1.24	2.58
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(6)	SKU7	Battery1	-	Gun	207	6985	10.20	11.00	99.42	0.0625	1.5535	-0.05	1.34	2.52	1.37	2.57
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 6+7(7)	SKU7	Battery1	Rigid holster	Gun	15	6025	11.12	11.50	99.42	0.0625	1.5535	0	0.012	0.02	0.026	0.04
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 6+7(7)	SKU7	Battery1	Soft holster	Gun	15	6025	11.12	11.50	99.42	0.0625	1.5535	0.02	0.633	1.08	0.651	1.11
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 6+7(7)	SKU7	Battery1	Soft holster	Gun	15	6025	11.12	11.50	99.42	0.0625	1.5535	0.14	0.668	1.14	0.688	1.17
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(7)	SKU7	Battery2	-	Gun	15	6025	11.12	11.50	99.42	0.0625	1.5535	0.08	1.71	2.92	2.02	3.45
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(7)	SKU7	Battery3	-	Gun	15	6025	11.12	11.50	99.42	0.0625	1.5535	0.01	1.81	3.09	2.11	3.60
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 6+7(7)	SKU7	Battery4	-	Gun	15	6025	11.12	11.50	99.42	0.0625	1.5535	0.03	1.84	3.14	2.15	3.67

13.5 Repeated SAR Measurement

No.	Band	Mode	Test Position	Gap (mm)	Antenna	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	19.05	19.50	1.109	98.05	1.020	-0.07	0.853	-	0.965
2nd	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+7(6)	Gun	Set 1 Non-DBS	1	2412	SKU 7	Battery1	19.05	19.50	1.109	98.05	1.020	0.09	0.829	1.03	0.938
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 4	Battery2	15.19	16.50	1.352	99.63	1.004	-0.09	0.879	-	1.193
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	42	5210	SKU 4	Battery2	15.19	16.50	1.352	99.63	1.004	0.12	0.858	1.02	1.165
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 4	Battery2	17.23	17.50	1.064	99.29	1.007	0.15	1.110	-	1.189
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Left Side	10mm	Ant 6+7(6)	Brick	Set 1 Non-DBS	155	5775	SKU 4	Battery2	17.23	17.50	1.064	99.29	1.007	0.11	1.080	1.03	1.157

No.	Band	Mode	Test Position	Gap (mm)	Brick/ Gun Type	Power State	WLAN ON/OFF	Holster	Ch.	Freq. (MHz)	SKU	Battery	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	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1312	1712.4	SKU12	Battery1	23.03	23.30	1.064	-0.14	1.090	-	1.160
2nd	WCDMA IV_Ant 1	RMC 12.2Kbps	Back	5mm	Brick	DSI 1	WLAN OFF	-	1312	1712.4	SKU12	Battery1	23.03	23.30	1.064	0.02	1.030	1.06	1.096
1st	LTE Band 2_Ant 1	20M_QPSK_1_0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery1	24.64	24.70	1.014	-0.08	1.150	-	1.166
2nd	LTE Band 2_Ant 1	20M_QPSK_1_0	Back	5mm	Brick	DSI 1	WLAN OFF	-	18700	1860	SKU12	Battery1	24.64	24.70	1.014	0.02	1.110	1.04	1.125
1st	LTE Band 26_Ant 1	15M_QPSK_1_0	Back	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery1	25.47	25.70	1.054	0.05	0.971	-	1.024
2nd	LTE Band 26_Ant 1	15M_QPSK_1_0	Back	5mm	Brick	DSI 1	WLAN OFF	-	26865	831.5	SKU12	Battery1	25.47	25.70	1.054	0.11	0.963	1.01	1.015
1st	FR1 n7_Ant 5	40M_BPSK_1_1	Back	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery1	25.49	25.70	1.050	-0.1	1.110	-	1.165
2nd	FR1 n7_Ant 5	40M_BPSK_1_1	Back	5mm	Brick	DSI 1	WLAN OFF	-	507000	2535	SKU12	Battery1	25.49	25.70	1.050	0.13	1.080	1.03	1.134
1st	FR1 n77_HPUE_Ant 8	100M_BPSK_1_1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	26.01	26.30	1.069	-0.15	0.855	-	0.914
2nd	FR1 n77_HPUE_Ant 8	100M_BPSK_1_1	Right Side	0mm	Gun	DSI 1	WLAN OFF	Soft holster	656000	3840	SKU7	Battery1	26.01	26.30	1.069	0.13	0.834	1.03	0.892

No.	Band	Mode	Test Position	Gap (mm)	Brick/ Gun Type	Power State	Ch.	Freq. (MHz)	SKU	Battery	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)	Ratio	Reported 10g SAR (W/kg)
1st	FR1 n77_HPUE_Ant 8	100M_BPSK_1_1	Right Side	0mm	Brick	DSI 1	656000	3840	SKU12	Battery1	26.01	26.30	1.069	50	1.000	-0.1	2.020	-	2.159
2nd	FR1 n77_HPUE_Ant 8	100M_BPSK_1_1	Right Side	0mm	Brick	DSI 1	656000	3840	SKU12	Battery1	26.01	26.30	1.069	50	1.000	0.02	1.990	1.02	2.127

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.

13.6 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%

<Hotspot condition>

Ant 5	NR Band 41 (Power Class 3)	NR Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	22	25
Reported 1g SAR (W/kg)	0.506	0.472
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	158.49	158.11
Linearity SAR(W/kg)	0.50	
% deviation from expected linearity		-6.50%

Ant 9	NR Band 77 (Power Class 3)	NR Band 77 (Power Class 2)
Maximum Tune up Power (dBm)	18.5	21.5
Reported 1g SAR (W/kg)	0.349	0.329
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63
Linearity SAR(W/kg)	0.35	
% deviation from expected linearity		-5.51%

Ant 8	NR Band 77 (Power Class 3)	NR Band 77 (Power Class 2)
Maximum Tune up Power (dBm)	18.5	21.5
Reported 1g SAR (W/kg)	0.474	0.5
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63
Linearity SAR(W/kg)	0.47	
% deviation from expected linearity		5.74%

<Body-worn condition>

Ant 5	NR Band 41 (Power Class 3)	NR Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	25.7	27.5
Reported 1g SAR (W/kg)	0.739	0.591
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	371.54	281.17
Linearity SAR(W/kg)	0.56	
% deviation from expected linearity		5.68%

Ant 9	NR Band 77 (Power Class 3)	NR Band 77 (Power Class 2)
Maximum Tune up Power (dBm)	21.5	24.5
Reported 1g SAR (W/kg)	0.314	0.334
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	141.25	140.92
Linearity SAR(W/kg)	0.31	
% deviation from expected linearity		6.62%

Ant 8	NR Band 77 (Power Class 3)	NR Band 77 (Power Class 2)
Maximum Tune up Power (dBm)	23.3	26.3
Reported 1g SAR (W/kg)	0.853	0.914
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	213.80	213.29
Linearity SAR(W/kg)	0.85	
% deviation from expected linearity		7.41%

<Extremity condition>

Ant 5	NR Band 41 (Power Class 3)	NR Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	25.7	27.5
Reported 10g SAR (W/kg)	0.769	0.536
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	371.54	281.17
Linearity SAR(W/kg)	0.58	
% deviation from expected linearity		-7.90%

Ant 9	NR Band 77 (Power Class 3)	NR Band 77 (Power Class 2)
Maximum Tune up Power (dBm)	21.5	24.5
Reported 10g SAR (W/kg)	0.201	0.184
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	141.25	140.92
Linearity SAR(W/kg)	0.20	
% deviation from expected linearity		-8.24%

Ant 8	NR Band 77 (Power Class 3)	NR Band 77 (Power Class 2)
Maximum Tune up Power (dBm)	23.3	26.3
Reported 10g SAR (W/kg)	2.101	2.159
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	213.80	213.29
Linearity SAR(W/kg)	2.10	
% deviation from expected linearity		3.00%

14. Simultaneous Transmission Analysis

NO.	Simultaneous Transmission Configurations	Hotspot	Body-Worn	Extremity
Non-DBS				
1.	WWAN + WLAN2.4GHz Ant 6+7 + NFC	Yes	Yes	Yes
2.	WWAN + WLAN5/6GHz Ant 6+7 + Bluetooth Ant 6 + NFC	Yes	Yes	Yes
3.	WWAN + WLAN5/6GHz Ant 6+7 + Bluetooth Ant 7 + NFC	Yes	Yes	Yes
4.	WWAN + WLAN2.4GHz Ant 6 + Bluetooth Ant 7 + NFC	Yes	Yes	Yes
5.	WWAN + WLAN2.4GHz Ant 7 + Bluetooth Ant 6 + NFC	Yes	Yes	Yes
6.	WLAN5/6GHz Ant 6+7 + Bluetooth Ant 6 + NFC	Yes	Yes	Yes
7.	WLAN5/6GHz Ant 6+7 + Bluetooth Ant 7 + NFC	Yes	Yes	Yes
8.	WLAN2.4GHz Ant 6 + Bluetooth Ant 7 + NFC	Yes	Yes	Yes
9.	WLAN2.4GHz Ant 7 + Bluetooth Ant 6 + NFC	Yes	Yes	Yes
DBS				
10.	WWAN + WLAN2.4GHz Ant 6 + WLAN5/6GHz Ant 6+7 + Bluetooth Ant 7 + NFC	Yes	Yes	Yes
11.	WWAN + WLAN2.4GHz Ant 7 + WLAN5/6GHz Ant 6+7 + Bluetooth Ant 6 + NFC	Yes	Yes	Yes
12.	WWAN + WLAN2.4GHz Ant 6+7 + WLAN5/6GHz Ant 6+7 + NFC	Yes	Yes	Yes
13.	WLAN2.4GHz Ant 6 + WLAN5/6GHz Ant 6+7 + Bluetooth Ant 7 + NFC	Yes	Yes	Yes
14.	WLAN2.4GHz Ant 7 + WLAN5/6GHz Ant 6+7 + Bluetooth Ant 6 + NFC	Yes	Yes	Yes
15.	WLAN2.4GHz Ant 6+7 + WLAN5/6GHz Ant 6+7 + NFC	Yes	Yes	Yes

General Note:

1. The worst case WLAN reported SAR for each configuration was used for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission with WLAN.
2. The Scaled SAR summation is calculated based on the same configuration and test position.
3. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
   i) Scalar SAR summation < 1.6W/kg.
   ii) SPLSR = (SAR1 + SAR2)^1.5 / (min. separation distance, mm), and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
   iii) If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary.
   iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.

14.1 Hotspot Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	5	6	7	NonDBS				
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	1+4 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+2+7 Summed 1g SAR (W/kg)	1+3+6 Summed 1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)					
Ant 1	Front at 10mm Brick	0.245	0.111	0.069	0.153	0.285	0.001	0.001	**0.398**	**0.531**	**0.531**	**0.357**	**0.315**
	Back at 10mm Brick	0.373	0.323	0.145	0.323	0.291	0.001	0.001	**0.696**	**0.665**	**0.665**	**0.697**	**0.519**
	Left Side at 10mm Brick	0.493		0.298	0.300	0.598		0.001	**0.793**	**1.091**	**1.092**	**0.494**	**0.791**
	Right Side at 10mm Brick		0.433		0.430	0.437	0.001		**0.430**	**0.438**	**0.437**	**0.433**	**0.001**
Ant 2	Front at 10mm Brick	0.061	0.111	0.069	0.153	0.285	0.001	0.001	**0.214**	**0.347**	**0.347**	**0.173**	**0.131**
	Back at 10mm Brick	0.164	0.323	0.145	0.323	0.291	0.001	0.001	**0.487**	**0.456**	**0.456**	**0.488**	**0.310**
	Left Side at 10mm Brick			0.298	0.300	0.598		0.001	**0.300**	**0.598**	**0.599**	**0.001**	**0.298**
	Right Side at 10mm Brick	0.133	0.433		0.430	0.437	0.001		**0.563**	**0.571**	**0.570**	**0.566**	**0.134**
Ant 3	Front at 10mm Brick	0.074	0.111	0.069	0.153	0.285	0.001	0.001	**0.227**	**0.360**	**0.360**	**0.186**	**0.144**
	Back at 10mm Brick	0.466	0.323	0.145	0.323	0.291	0.001	0.001	**0.789**	**0.758**	**0.758**	**0.790**	**0.612**
	Left Side at 10mm Brick	0.292		0.298	0.300	0.598		0.001	**0.592**	**0.890**	**0.891**	**0.293**	**0.590**
	Right Side at 10mm Brick		0.433		0.430	0.437	0.001		**0.430**	**0.438**	**0.437**	**0.433**	**0.001**
Ant 4	Front at 10mm Brick	0.044	0.111	0.069	0.153	0.285	0.001	0.001	**0.197**	**0.330**	**0.330**	**0.156**	**0.114**
	Back at 10mm Brick	0.159	0.323	0.145	0.323	0.291	0.001	0.001	**0.482**	**0.451**	**0.451**	**0.483**	**0.305**
	Left Side at 10mm Brick			0.298	0.300	0.598		0.001	**0.300**	**0.598**	**0.599**	**0.001**	**0.298**
	Right Side at 10mm Brick	0.199	0.433		0.430	0.437	0.001		**0.629**	**0.637**	**0.636**	**0.632**	**0.200**
Ant 5	Front at 10mm Brick	0.123	0.111	0.069	0.153	0.285	0.001	0.001	**0.276**	**0.409**	**0.409**	**0.235**	**0.193**
	Back at 10mm Brick	0.241	0.323	0.145	0.323	0.291	0.001	0.001	**0.564**	**0.533**	**0.533**	**0.565**	**0.387**
	Left Side at 10mm Brick	0.573		0.298	0.300	0.598		0.001	**0.873**	**1.171**	**1.172**	**0.574**	**0.871**
	Right Side at 10mm Brick		0.433		0.430	0.437	0.001		**0.430**	**0.438**	**0.437**	**0.433**	**0.001**
Ant 8	Front at 10mm Brick	0.172	0.111	0.069	0.153	0.285	0.001	0.001	**0.325**	**0.458**	**0.458**	**0.284**	**0.242**
	Back at 10mm Brick	0.239	0.323	0.145	0.323	0.291	0.001	0.001	**0.562**	**0.531**	**0.531**	**0.563**	**0.385**
	Left Side at 10mm Brick			0.298	0.300	0.598		0.001	**0.300**	**0.598**	**0.599**	**0.001**	**0.298**
	Right Side at 10mm Brick	0.594	0.433		0.430	0.437	0.001		**1.024**	**1.032**	**1.031**	**1.027**	**0.595**
Ant 9	Front at 10mm Brick	0.095	0.111	0.069	0.153	0.285	0.001	0.001	**0.248**	**0.381**	**0.381**	**0.207**	**0.165**
	Back at 10mm Brick	0.096	0.323	0.145	0.323	0.291	0.001	0.001	**0.419**	**0.388**	**0.388**	**0.420**	**0.242**
	Left Side at 10mm Brick	0.402		0.298	0.300	0.598		0.001	**0.702**	**1.000**	**1.001**	**0.403**	**0.700**
	Right Side at 10mm Brick		0.433		0.430	0.437	0.001		**0.430**	**0.438**	**0.437**	**0.433**	**0.001**

WWAN Band	Exposure Position	1	2	3	4	5	6	7	NonDBS				
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	1+4 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+2+7 Summed 1g SAR (W/kg)	1+3+6 Summed 1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)					
Ant 1	Front at 10mm Gun	0.182	0.095	0.062	0.172	0.319	0.001	0.001	**0.354**	**0.502**	**0.502**	**0.278**	**0.245**
	Left Side at 10mm Gun	0.572		0.230	0.385	0.647		0.001	**0.957**	**1.219**	**1.220**	**0.573**	**0.802**
	Right Side at 10mm Gun		0.548		0.715	0.358	0.001		**0.715**	**0.359**	**0.358**	**0.548**	**0.001**
Ant 2	Front at 10mm Gun	0.049	0.095	0.062	0.172	0.319	0.001	0.001	**0.221**	**0.369**	**0.369**	**0.145**	**0.112**
	Left Side at 10mm Gun			0.230	0.385	0.647		0.001	**0.385**	**0.647**	**0.648**	**0.001**	**0.230**
	Right Side at 10mm Gun	0.170	0.548		0.715	0.358	0.001		**0.885**	**0.529**	**0.528**	**0.718**	**0.171**
Ant 3	Front at 10mm Gun	0.092	0.095	0.062	0.172	0.319	0.001	0.001	**0.264**	**0.412**	**0.412**	**0.188**	**0.155**
	Left Side at 10mm Gun	0.476		0.230	0.385	0.647		0.001	**0.861**	**1.123**	**1.124**	**0.477**	**0.706**
	Right Side at 10mm Gun		0.548		0.715	0.358	0.001		**0.715**	**0.359**	**0.358**	**0.548**	**0.001**
Ant 4	Front at 10mm Gun	0.051	0.095	0.062	0.172	0.319	0.001	0.001	**0.223**	**0.371**	**0.371**	**0.147**	**0.114**
	Left Side at 10mm Gun			0.230	0.385	0.647		0.001	**0.385**	**0.647**	**0.648**	**0.001**	**0.230**
	Right Side at 10mm Gun	0.234	0.548		0.715	0.358	0.001		**0.949**	**0.593**	**0.592**	**0.782**	**0.235**
Ant 5	Front at 10mm Gun	0.119	0.095	0.062	0.172	0.319	0.001	0.001	**0.291**	**0.439**	**0.439**	**0.215**	**0.182**
	Left Side at 10mm Gun	0.461		0.230	0.385	0.647		0.001	**0.846**	**1.108**	**1.109**	**0.462**	**0.691**
	Right Side at 10mm Gun		0.548		0.715	0.358	0.001		**0.715**	**0.359**	**0.358**	**0.548**	**0.001**
Ant 8	Front at 10mm Gun	0.195	0.095	0.062	0.172	0.319	0.001	0.001	**0.367**	**0.515**	**0.515**	**0.291**	**0.258**
	Left Side at 10mm Gun			0.230	0.385	0.647		0.001	**0.385**	**0.647**	**0.648**	**0.001**	**0.230**
	Right Side at 10mm Gun	0.577	0.548		0.715	0.358	0.001		**1.292**	**0.936**	**0.935**	**1.125**	**0.578**
Ant 9	Front at 10mm Gun	0.102	0.095	0.062	0.172	0.319	0.001	0.001	**0.274**	**0.422**	**0.422**	**0.198**	**0.165**
	Left Side at 10mm Gun	0.471		0.230	0.385	0.647		0.001	**0.856**	**1.118**	**1.119**	**0.472**	**0.701**
	Right Side at 10mm Gun		0.548		0.715	0.358	0.001		**0.715**	**0.359**	**0.358**	**0.548**	**0.001**

WWAN Band	Exposure Position	1	2	3	4	5	6	7	DBS		
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	1+2+5+7 Summed 1g SAR (W/kg)	1+3+5+6 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Ant 1	Front at 10mm Brick	0.245	0.111	0.069	0.153	0.285	0.001	0.001	**0.642**	**0.600**	**0.683**
	Back at 10mm Brick	0.373	0.323	0.145	0.323	0.291	0.001	0.001	**0.988**	**0.810**	**0.987**
	Left Side at 10mm Brick	0.493		0.298	0.300	0.598		0.001	**1.092**	**1.389**	**1.391**
	Right Side at 10mm Brick		0.433		0.430	0.437	0.001		**0.870**	**0.438**	**0.867**
Ant 2	Front at 10mm Brick	0.061	0.111	0.069	0.153	0.285	0.001	0.001	**0.458**	**0.416**	**0.499**
	Back at 10mm Brick	0.164	0.323	0.145	0.323	0.291	0.001	0.001	**0.779**	**0.601**	**0.778**
	Left Side at 10mm Brick			0.298	0.300	0.598		0.001	**0.599**	**0.896**	**0.898**
	Right Side at 10mm Brick	0.133	0.433		0.430	0.437	0.001		**1.003**	**0.571**	**1.000**
Ant 3	Front at 10mm Brick	0.074	0.111	0.069	0.153	0.285	0.001	0.001	**0.471**	**0.429**	**0.512**
	Back at 10mm Brick	0.466	0.323	0.145	0.323	0.291	0.001	0.001	**1.081**	**0.903**	**1.080**
	Left Side at 10mm Brick	0.292		0.298	0.300	0.598		0.001	**0.891**	**1.188**	**1.190**
	Right Side at 10mm Brick		0.433		0.430	0.437	0.001		**0.870**	**0.438**	**0.867**
Ant 4	Front at 10mm Brick	0.044	0.111	0.069	0.153	0.285	0.001	0.001	**0.441**	**0.399**	**0.482**
	Back at 10mm Brick	0.159	0.323	0.145	0.323	0.291	0.001	0.001	**0.774**	**0.596**	**0.773**
	Left Side at 10mm Brick			0.298	0.300	0.598		0.001	**0.599**	**0.896**	**0.898**
	Right Side at 10mm Brick	0.199	0.433		0.430	0.437	0.001		**1.069**	**0.637**	**1.066**
Ant 5	Front at 10mm Brick	0.123	0.111	0.069	0.153	0.285	0.001	0.001	**0.520**	**0.478**	**0.561**
	Back at 10mm Brick	0.241	0.323	0.145	0.323	0.291	0.001	0.001	**0.856**	**0.678**	**0.855**
	Left Side at 10mm Brick	0.573		0.298	0.300	0.598		0.001	**1.172**	**1.469**	**1.471**
	Right Side at 10mm Brick		0.433		0.430	0.437	0.001		**0.870**	**0.438**	**0.867**
Ant 8	Front at 10mm Brick	0.172	0.111	0.069	0.153	0.285	0.001	0.001	**0.569**	**0.527**	**0.610**
	Back at 10mm Brick	0.239	0.323	0.145	0.323	0.291	0.001	0.001	**0.854**	**0.676**	**0.853**
	Left Side at 10mm Brick			0.298	0.300	0.598		0.001	**0.599**	**0.896**	**0.898**
	Right Side at 10mm Brick	0.594	0.433		0.430	0.437	0.001		**1.464**	**1.032**	**1.461**
Ant 9	Front at 10mm Brick	0.095	0.111	0.069	0.153	0.285	0.001	0.001	**0.492**	**0.450**	**0.533**
	Back at 10mm Brick	0.096	0.323	0.145	0.323	0.291	0.001	0.001	**0.711**	**0.533**	**0.710**
	Left Side at 10mm Brick	0.402		0.298	0.300	0.598		0.001	**1.001**	**1.298**	**1.300**
	Right Side at 10mm Brick		0.433		0.430	0.437	0.001		**0.870**	**0.438**	**0.867**

WWAN Band	Exposure Position	1	2	3	4	5	6	7	DBS		
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	1+2+5+7 Summed 1g SAR (W/kg)	1+3+5+6 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Ant 1	Front at 10mm Gun	0.182	0.095	0.062	0.172	0.319	0.001	0.001	**0.597**	**0.564**	**0.673**
	Left Side at 10mm Gun	0.572		0.230	0.385	0.444		0.001	**1.017**	**1.246**	**1.401**
	Right Side at 10mm Gun		0.321		0.420	0.358	0.001		**0.679**	**0.359**	**0.778**
Ant 2	Front at 10mm Gun	0.049	0.095	0.062	0.172	0.319	0.001	0.001	**0.464**	**0.431**	**0.540**
	Left Side at 10mm Gun			0.230	0.385	0.444		0.001	**0.445**	**0.674**	**0.829**
	Right Side at 10mm Gun	0.170	0.321		0.420	0.358	0.001		**0.849**	**0.529**	**0.948**
Ant 3	Front at 10mm Gun	0.092	0.095	0.062	0.172	0.319	0.001	0.001	**0.507**	**0.474**	**0.583**
	Left Side at 10mm Gun	0.476		0.230	0.385	0.444		0.001	**0.921**	**1.150**	**1.305**
	Right Side at 10mm Gun		0.321		0.420	0.358	0.001		**0.679**	**0.359**	**0.778**
Ant 4	Front at 10mm Gun	0.051	0.095	0.062	0.172	0.319	0.001	0.001	**0.466**	**0.433**	**0.542**
	Left Side at 10mm Gun			0.230	0.385	0.444		0.001	**0.445**	**0.674**	**0.829**
	Right Side at 10mm Gun	0.234	0.321		0.420	0.358	0.001		**0.913**	**0.593**	**1.012**
Ant 5	Front at 10mm Gun	0.119	0.095	0.062	0.172	0.319	0.001	0.001	**0.534**	**0.501**	**0.610**
	Left Side at 10mm Gun	0.461		0.230	0.385	0.444		0.001	**0.906**	**1.135**	**1.290**
	Right Side at 10mm Gun		0.321		0.420	0.358	0.001		**0.679**	**0.359**	**0.778**
Ant 8	Front at 10mm Gun	0.195	0.095	0.062	0.172	0.319	0.001	0.001	**0.610**	**0.577**	**0.686**
	Left Side at 10mm Gun			0.230	0.385	0.444		0.001	**0.445**	**0.674**	**0.829**
	Right Side at 10mm Gun	0.577	0.321		0.420	0.358	0.001		**1.256**	**0.936**	**1.355**
Ant 9	Front at 10mm Gun	0.102	0.095	0.062	0.172	0.319	0.001	0.001	**0.517**	**0.484**	**0.593**
	Left Side at 10mm Gun	0.471		0.230	0.385	0.444		0.001	**0.916**	**1.145**	**1.300**
	Right Side at 10mm Gun		0.321		0.420	0.358	0.001		**0.679**	**0.359**	**0.778**

14.2 Body-Worn Accessory Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	5	6	7	NonDBS				
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5/6GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	1+4 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+2+7 Summed 1g SAR (W/kg)	1+3+6 Summed 1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)					
Ant 1	Front at 5mm Brick	0.844	0.114	0.188	0.134	0.513	0.001	0.001	**0.978**	**1.358**	**1.358**	**0.959**	**1.033**
	Back at 5mm Brick	0.595	0.287	0.266	0.253	0.791	0.001	0.001	**0.848**	**1.387**	**1.387**	**0.883**	**0.862**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.514**	**0.109**	**0.109**	**0.002**	**0.144**
	Back at 0mm Brick Soft holster	0.450	0.437	0.100	0.524	0.345	0.001	0.001	**0.974**	**0.796**	**0.796**	**0.888**	**0.551**
	Front at 0mm Brick Rigid holster	0.259	0.055	0.215	0.121	0.172	0.001	0.001	**0.380**	**0.432**	**0.432**	**0.315**	**0.475**
Ant 2	Front at 5mm Brick	0.176	0.114	0.188	0.134	0.513	0.001	0.001	**0.310**	**0.690**	**0.690**	**0.291**	**0.365**
	Back at 5mm Brick	0.656	0.287	0.266	0.253	0.791	0.001	0.001	**0.909**	**1.448**	**1.448**	**0.944**	**0.923**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.514**	**0.109**	**0.109**	**0.002**	**0.144**
	Back at 0mm Brick Soft holster	0.099	0.437	0.100	0.524	0.345	0.001	0.001	**0.623**	**0.445**	**0.445**	**0.537**	**0.200**
	Front at 0mm Brick Rigid holster	0.048	0.055	0.215	0.121	0.172	0.001	0.001	**0.169**	**0.221**	**0.221**	**0.104**	**0.264**
Ant 3	Front at 5mm Brick	0.158	0.114	0.188	0.134	0.513	0.001	0.001	**0.292**	**0.672**	**0.672**	**0.273**	**0.347**
	Back at 5mm Brick	0.777	0.287	0.266	0.253	0.791	0.001	0.001	**1.030**	**1.569**	**1.569**	**1.065**	**1.044**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.514**	**0.109**	**0.109**	**0.002**	**0.144**
	Back at 0mm Brick Soft holster	0.491	0.437	0.100	0.524	0.345	0.001	0.001	**1.015**	**0.837**	**0.837**	**0.929**	**0.592**
	Front at 0mm Brick Rigid holster	0.181	0.055	0.215	0.121	0.172	0.001	0.001	**0.302**	**0.354**	**0.354**	**0.237**	**0.397**
Ant 4	Front at 5mm Brick	0.201	0.114	0.188	0.134	0.513	0.001	0.001	**0.335**	**0.715**	**0.715**	**0.316**	**0.390**
	Back at 5mm Brick	0.719	0.287	0.266	0.253	0.791	0.001	0.001	**0.972**	**1.511**	**1.511**	**1.007**	**0.986**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.514**	**0.109**	**0.109**	**0.002**	**0.144**
	Back at 0mm Brick Soft holster	0.221	0.437	0.100	0.524	0.345	0.001	0.001	**0.745**	**0.567**	**0.567**	**0.659**	**0.322**
	Front at 0mm Brick Rigid holster	0.252	0.055	0.215	0.121	0.172	0.001	0.001	**0.373**	**0.425**	**0.425**	**0.308**	**0.468**
Ant 5	Front at 5mm Brick	0.704	0.114	0.188	0.134	0.513	0.001	0.001	**0.838**	**1.218**	**1.218**	**0.819**	**0.893**
	Back at 5mm Brick	0.574	0.287	0.266	0.253	0.791	0.001	0.001	**0.827**	**1.366**	**1.366**	**0.862**	**0.841**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.514**	**0.109**	**0.109**	**0.002**	**0.144**
	Back at 0mm Brick Soft holster	0.383	0.437	0.100	0.524	0.345	0.001	0.001	**0.907**	**0.729**	**0.729**	**0.821**	**0.484**
	Front at 0mm Brick Rigid holster	0.798	0.055	0.215	0.121	0.172	0.001	0.001	**0.919**	**0.971**	**0.971**	**0.854**	**1.014**
Ant 8	Front at 5mm Brick	0.868	0.114	0.188	0.134	0.513	0.001	0.001	**1.002**	**1.382**	**1.382**	**0.983**	**1.057**
	Back at 5mm Brick	0.720	0.287	0.266	0.253	0.791	0.001	0.001	**0.973**	**1.512**	**1.512**	**1.008**	**0.987**
	Front at 0mm Brick Soft holster	0.538	0.001	0.143	0.514	0.108	0.001	0.001	**1.052**	**0.647**	**0.647**	**0.540**	**0.682**
	Back at 0mm Brick Soft holster		0.437	0.100	0.524	0.345	0.001	0.001	**0.524**	**0.346**	**0.346**	**0.438**	**0.101**
	Front at 0mm Brick Rigid holster	0.835	0.055	0.215	0.121	0.172	0.001	0.001	**0.956**	**1.008**	**1.008**	**0.891**	**1.051**
Ant 9	Front at 5mm Brick	0.263	0.114	0.188	0.134	0.513	0.001	0.001	**0.397**	**0.777**	**0.777**	**0.378**	**0.452**
	Back at 5mm Brick	0.316	0.287	0.266	0.253	0.791	0.001	0.001	**0.569**	**1.108**	**1.108**	**0.604**	**0.583**
	Front at 0mm Brick Soft holster	0.068	0.001	0.143	0.514	0.108	0.001	0.001	**0.582**	**0.177**	**0.177**	**0.070**	**0.212**
	Back at 0mm Brick Soft holster	0.140	0.437	0.100	0.524	0.345	0.001	0.001	**0.664**	**0.486**	**0.486**	**0.578**	**0.241**
	Front at 0mm Brick Rigid holster	0.118	0.055	0.215	0.121	0.172	0.001	0.001	**0.239**	**0.291**	**0.291**	**0.174**	**0.334**

									NonDBS				
WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+4 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+2+7 Summed 1g SAR (W/kg)	1+3+6 Summed 1g SAR (W/kg)
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5/6GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7					
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)					
Ant 1	Front at 15mm Gun	0.264	0.054	0.021	0.152	0.334	0.001	0.001	**0.416**	**0.599**	**0.599**	**0.319**	**0.286**
	Left Side at 0mm Gun Soft holster	0.508		0.067	0.209	0.647		0.001	**0.717**	**1.155**	**1.156**	**0.509**	**0.575**
	Right Side at 0mm Gun Soft holster		0.264		0.517	0.253	0.001		**0.517**	**0.254**	**0.253**	**0.264**	**0.001**
	Front at 0mm Gun Rigid holster	0.243	0.048	0.099	0.452	0.145	0.001	0.001	**0.695**	**0.389**	**0.389**	**0.292**	**0.343**
Ant 2	Front at 15mm Gun	0.083	0.054	0.021	0.152	0.334	0.001	0.001	**0.235**	**0.418**	**0.418**	**0.138**	**0.105**
	Left Side at 0mm Gun Soft holster			0.067	0.209	0.647		0.001	**0.209**	**0.647**	**0.648**	**0.001**	**0.067**
	Right Side at 0mm Gun Soft holster	0.204	0.264		0.517	0.253	0.001		**0.721**	**0.458**	**0.457**	**0.468**	**0.205**
	Front at 0mm Gun Rigid holster	0.072	0.048	0.099	0.452	0.145	0.001	0.001	**0.524**	**0.218**	**0.218**	**0.121**	**0.172**
Ant 3	Front at 15mm Gun	0.114	0.054	0.021	0.152	0.334	0.001	0.001	**0.266**	**0.449**	**0.449**	**0.169**	**0.136**
	Left Side at 0mm Gun Soft holster	0.367		0.067	0.209	0.647		0.001	**0.576**	**1.014**	**1.015**	**0.368**	**0.434**
	Right Side at 0mm Gun Soft holster		0.264		0.517	0.253	0.001		**0.517**	**0.254**	**0.253**	**0.264**	**0.001**
	Front at 0mm Gun Rigid holster	0.229	0.048	0.099	0.452	0.145	0.001	0.001	**0.681**	**0.375**	**0.375**	**0.278**	**0.329**
Ant 4	Front at 15mm Gun	0.051	0.054	0.021	0.152	0.334	0.001	0.001	**0.203**	**0.386**	**0.386**	**0.106**	**0.073**
	Left Side at 0mm Gun Soft holster			0.067	0.209	0.647		0.001	**0.209**	**0.647**	**0.648**	**0.001**	**0.067**
	Right Side at 0mm Gun Soft holster	0.300	0.264		0.517	0.253	0.001		**0.817**	**0.554**	**0.553**	**0.564**	**0.301**
	Front at 0mm Gun Rigid holster	0.149	0.048	0.099	0.452	0.145	0.001	0.001	**0.601**	**0.295**	**0.295**	**0.198**	**0.249**
Ant 5	Front at 15mm Gun	0.191	0.054	0.021	0.152	0.334	0.001	0.001	**0.343**	**0.526**	**0.526**	**0.246**	**0.213**
	Left Side at 0mm Gun Soft holster	0.482		0.067	0.209	0.647		0.001	**0.691**	**1.129**	**1.130**	**0.483**	**0.549**
	Right Side at 0mm Gun Soft holster		0.264		0.517	0.253	0.001		**0.517**	**0.254**	**0.253**	**0.264**	**0.001**
	Front at 0mm Gun Rigid holster	0.582	0.048	0.099	0.452	0.145	0.001	0.001	**1.034**	**0.728**	**0.728**	**0.631**	**0.682**
Ant 8	Front at 15mm Gun	0.413	0.054	0.021	0.152	0.334	0.001	0.001	**0.565**	**0.748**	**0.748**	**0.468**	**0.435**
	Left Side at 0mm Gun Soft holster			0.067	0.209	0.647		0.001	**0.209**	**0.647**	**0.648**	**0.001**	**0.067**
	Right Side at 0mm Gun Soft holster	0.914	0.264		0.517	0.253	0.001		**1.431**	**1.168**	**1.167**	**1.178**	**0.915**
	Front at 0mm Gun Rigid holster	0.984	0.048	0.099	0.452	0.145	0.001	0.001	**1.436**	**1.130**	**1.130**	**1.033**	**1.084**
Ant 9	Front at 15mm Gun	0.193	0.054	0.021	0.152	0.334	0.001	0.001	**0.345**	**0.528**	**0.528**	**0.248**	**0.215**
	Left Side at 0mm Gun Soft holster	0.606		0.067	0.209	0.647		0.001	**0.815**	**1.253**	**1.254**	**0.607**	**0.673**
	Right Side at 0mm Gun Soft holster		0.264		0.517	0.253	0.001		**0.517**	**0.254**	**0.253**	**0.264**	**0.001**
	Front at 0mm Gun Rigid holster	0.150	0.048	0.099	0.452	0.145	0.001	0.001	**0.602**	**0.296**	**0.296**	**0.199**	**0.250**

WWAN Band	Exposure Position	1	2	3	4	5	6	7	DBS		
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5/6GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	1+2+5+7 Summed 1g SAR (W/kg)	1+3+5+6 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Ant 1	Front at 5mm Brick	0.844	0.114	0.188	0.134	0.513	0.001	0.001	**1.472**	**1.546**	**1.491**
	Back at 5mm Brick	0.595	0.287	0.266	0.253	0.447	0.001	0.001	**1.330**	**1.309**	**1.295**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.110**	**0.252**	**0.622**
	Back at 0mm Brick Soft holster	0.450	0.437	0.100	0.524	0.345	0.001	0.001	**1.233**	**0.896**	**1.319**
	Front at 0mm Brick Rigid holster	0.259	0.055	0.215	0.121	0.172	0.001	0.001	**0.487**	**0.647**	**0.552**
Ant 2	Front at 5mm Brick	0.176	0.114	0.188	0.134	0.513	0.001	0.001	**0.804**	**0.878**	**0.823**
	Back at 5mm Brick	0.656	0.287	0.266	0.253	0.447	0.001	0.001	**1.391**	**1.370**	**1.356**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.110**	**0.252**	**0.622**
	Back at 0mm Brick Soft holster	0.099	0.437	0.100	0.524	0.345	0.001	0.001	**0.882**	**0.545**	**0.968**
	Front at 0mm Brick Rigid holster	0.048	0.055	0.215	0.121	0.172	0.001	0.001	**0.276**	**0.436**	**0.341**
Ant 3	Front at 5mm Brick	0.158	0.114	0.188	0.134	0.513	0.001	0.001	**0.786**	**0.860**	**0.805**
	Back at 5mm Brick	0.777	0.287	0.266	0.253	0.447	0.001	0.001	**1.512**	**1.491**	**1.477**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.110**	**0.252**	**0.622**
	Back at 0mm Brick Soft holster	0.491	0.437	0.100	0.524	0.345	0.001	0.001	**1.274**	**0.937**	**1.360**
	Front at 0mm Brick Rigid holster	0.181	0.055	0.215	0.121	0.172	0.001	0.001	**0.409**	**0.569**	**0.474**
Ant 4	Front at 5mm Brick	0.201	0.114	0.188	0.134	0.513	0.001	0.001	**0.829**	**0.903**	**0.848**
	Back at 5mm Brick	0.719	0.287	0.266	0.253	0.447	0.001	0.001	**1.454**	**1.433**	**1.419**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.110**	**0.252**	**0.622**
	Back at 0mm Brick Soft holster	0.221	0.437	0.100	0.524	0.345	0.001	0.001	**1.004**	**0.667**	**1.090**
	Front at 0mm Brick Rigid holster	0.252	0.055	0.215	0.121	0.172	0.001	0.001	**0.480**	**0.640**	**0.545**
Ant 5	Front at 5mm Brick	0.704	0.114	0.188	0.134	0.513	0.001	0.001	**1.332**	**1.406**	**1.351**
	Back at 5mm Brick	0.574	0.287	0.266	0.253	0.447	0.001	0.001	**1.309**	**1.288**	**1.274**
	Front at 0mm Brick Soft holster		0.001	0.143	0.514	0.108	0.001	0.001	**0.110**	**0.252**	**0.622**
	Back at 0mm Brick Soft holster	0.383	0.437	0.100	0.524	0.345	0.001	0.001	**1.166**	**0.829**	**1.252**
	Front at 0mm Brick Rigid holster	0.798	0.055	0.215	0.121	0.172	0.001	0.001	**1.026**	**1.186**	**1.091**
Ant 8	Front at 5mm Brick	0.868	0.114	0.188	0.134	0.513	0.001	0.001	**1.496**	**1.570**	**1.515**
	Back at 5mm Brick	0.720	0.287	0.266	0.253	0.447	0.001	0.001	**1.455**	**1.434**	**1.420**
	Front at 0mm Brick Soft holster	0.538	0.001	0.143	0.514	0.108	0.001	0.001	**0.648**	**0.790**	**1.160**
	Back at 0mm Brick Soft holster		0.437	0.100	0.524	0.345	0.001	0.001	**0.783**	**0.446**	**0.869**
	Front at 0mm Brick Rigid holster	0.835	0.055	0.215	0.121	0.172	0.001	0.001	**1.063**	**1.223**	**1.128**
Ant 9	Front at 5mm Brick	0.263	0.114	0.188	0.134	0.513	0.001	0.001	**0.891**	**0.965**	**0.910**
	Back at 5mm Brick	0.316	0.287	0.266	0.253	0.447	0.001	0.001	**1.051**	**1.030**	**1.016**
	Front at 0mm Brick Soft holster	0.068	0.001	0.143	0.514	0.108	0.001	0.001	**0.178**	**0.320**	**0.690**
	Back at 0mm Brick Soft holster	0.140	0.437	0.100	0.524	0.345	0.001	0.001	**0.923**	**0.586**	**1.009**
	Front at 0mm Brick Rigid holster	0.118	0.055	0.215	0.121	0.172	0.001	0.001	**0.346**	**0.506**	**0.411**

WWAN Band	Exposure Position	1	2	3	4	5	6	7	DBS		
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5/6GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	1+2+5+7 Summed 1g SAR (W/kg)	1+3+5+6 Summed 1g SAR (W/kg)	1+4+5 Summed 1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Ant 1	Front at 15mm Gun	0.264	0.054	0.021	0.152	0.334	0.001	0.001	**0.653**	**0.620**	**0.750**
	Left Side at 0mm Gun Soft holster	0.508		0.067	0.209	0.647		0.001	**1.156**	**1.222**	**1.364**
	Right Side at 0mm Gun Soft holster		0.264		0.517	0.253	0.001		**0.517**	**0.254**	**0.770**
	Front at 0mm Gun Rigid holster	0.243	0.048	0.099	0.452	0.145	0.001	0.001	**0.437**	**0.488**	**0.840**
Ant 2	Front at 15mm Gun	0.083	0.054	0.021	0.152	0.334	0.001	0.001	**0.472**	**0.439**	**0.569**
	Left Side at 0mm Gun Soft holster			0.067	0.209	0.647		0.001	**0.648**	**0.714**	**0.856**
	Right Side at 0mm Gun Soft holster	0.204	0.264		0.517	0.253	0.001		**0.721**	**0.458**	**0.974**
	Front at 0mm Gun Rigid holster	0.072	0.048	0.099	0.452	0.145	0.001	0.001	**0.266**	**0.317**	**0.669**
Ant 3	Front at 15mm Gun	0.114	0.054	0.021	0.152	0.334	0.001	0.001	**0.503**	**0.470**	**0.600**
	Left Side at 0mm Gun Soft holster	0.367		0.067	0.209	0.647		0.001	**1.015**	**1.081**	**1.223**
	Right Side at 0mm Gun Soft holster		0.264		0.517	0.253	0.001		**0.517**	**0.254**	**0.770**
	Front at 0mm Gun Rigid holster	0.229	0.048	0.099	0.452	0.145	0.001	0.001	**0.423**	**0.474**	**0.826**
Ant 4	Front at 15mm Gun	0.051	0.054	0.021	0.152	0.334	0.001	0.001	**0.440**	**0.407**	**0.537**
	Left Side at 0mm Gun Soft holster			0.067	0.209	0.647		0.001	**0.648**	**0.714**	**0.856**
	Right Side at 0mm Gun Soft holster	0.300	0.264		0.517	0.253	0.001		**0.817**	**0.554**	**1.070**
	Front at 0mm Gun Rigid holster	0.149	0.048	0.099	0.452	0.145	0.001	0.001	**0.343**	**0.394**	**0.746**
Ant 5	Front at 15mm Gun	0.191	0.054	0.021	0.152	0.334	0.001	0.001	**0.580**	**0.547**	**0.677**
	Left Side at 0mm Gun Soft holster	0.482		0.067	0.209	0.647		0.001	**1.130**	**1.196**	**1.338**
	Right Side at 0mm Gun Soft holster		0.264		0.517	0.253	0.001		**0.517**	**0.254**	**0.770**
	Front at 0mm Gun Rigid holster	0.582	0.048	0.099	0.452	0.145	0.001	0.001	**0.776**	**0.827**	**1.179**
Ant 8	Front at 15mm Gun	0.413	0.054	0.021	0.152	0.334	0.001	0.001	**0.802**	**0.769**	**0.899**
	Left Side at 0mm Gun Soft holster			0.067	0.209	0.647		0.001	**0.648**	**0.714**	**0.856**
	Right Side at 0mm Gun Soft holster	0.564	0.264		0.517	0.253	0.001		**1.081**	**0.818**	**1.334**
	Front at 0mm Gun Rigid holster	0.984	0.048	0.099	0.452	0.145	0.001	0.001	**1.178**	**1.229**	**1.581**
Ant 9	Front at 15mm Gun	0.193	0.054	0.021	0.152	0.334	0.001	0.001	**0.582**	**0.549**	**0.679**
	Left Side at 0mm Gun Soft holster	0.606		0.067	0.209	0.647		0.001	**1.254**	**1.320**	**1.462**
	Right Side at 0mm Gun Soft holster		0.264		0.517	0.253	0.001		**0.517**	**0.254**	**0.770**
	Front at 0mm Gun Rigid holster	0.150	0.048	0.099	0.452	0.145	0.001	0.001	**0.344**	**0.395**	**0.747**

14.3 Product Specific Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	NonDBS					DBS		
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5/6GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	NFC	1+4+8 Summed 10g SAR (W/kg)	1+5+6+8 Summed 10g SAR (W/kg)	1+5+7+8 Summed 10g SAR (W/kg)	1+2+7+8 Summed 10g SAR (W/kg)	1+3+6+8 Summed 10g SAR (W/kg)	1+2+5+7+8 Summed 10g SAR (W/kg)	1+3+5+6+8 Summed 10g SAR (W/kg)	1+4+5+8 Summed 10g SAR (W/kg)
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)								
Ant 8	Right side at 0mm Brick	2.265				1.352			0.001	**2.266**	**3.618**	**3.618**	**2.266**	**2.266**	**3.618**	**3.618**	**3.618**

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	NonDBS					DBS		
		WWAN	WLAN2.4GHz Ant 6	WLAN2.4GHz Ant 7	WLAN2.4GHz Ant 6+7	WLAN5/6GHz Ant 6+7	Bluetooth Ant 6	Bluetooth Ant 7	NFC	1+4+8 Summed 10g SAR (W/kg)	1+5+6+8 Summed 10g SAR (W/kg)	1+5+7+8 Summed 10g SAR (W/kg)	1+2+7+8 Summed 10g SAR (W/kg)	1+3+6+8 Summed 10g SAR (W/kg)	1+2+5+7+8 Summed 10g SAR (W/kg)	1+3+5+6+8 Summed 10g SAR (W/kg)	1+4+5+8 Summed 10g SAR (W/kg)
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)								
Ant 1	Back at 0mm Gun	1.217	0.416	0.148	0.338	0.467	0.001	0.001	0.015	**1.570**	**1.700**	**1.700**	**1.649**	**1.381**	**2.116**	**1.848**	**2.037**
Ant 2	Back at 0mm Gun	0.635	0.416	0.148	0.338	0.467	0.001	0.001	0.015	**0.988**	**1.118**	**1.118**	**1.067**	**0.799**	**1.534**	**1.266**	**1.455**
Ant 3	Back at 0mm Gun	0.447	0.416	0.148	0.338	0.467	0.001	0.001	0.015	**0.800**	**0.930**	**0.930**	**0.879**	**0.611**	**1.346**	**1.078**	**1.267**
Ant 4	Back at 0mm Gun	0.576	0.416	0.148	0.338	0.467	0.001	0.001	0.015	**0.929**	**1.059**	**1.059**	**1.008**	**0.740**	**1.475**	**1.207**	**1.396**
Ant 5	Back at 0mm Gun	0.942	0.416	0.148	0.338	0.467	0.001	0.001	0.015	**1.295**	**1.425**	**1.425**	**1.374**	**1.106**	**1.841**	**1.573**	**1.762**
Ant 8	Back at 0mm Gun	0.417	0.416	0.148	0.338	0.467	0.001	0.001	0.015	**0.770**	**0.900**	**0.900**	**0.849**	**0.581**	**1.316**	**1.048**	**1.237**
Ant 9	Back at 0mm Gun	0.201	0.416	0.148	0.338	0.467	0.001	0.001	0.015	**0.554**	**0.684**	**0.684**	**0.633**	**0.365**	**1.100**	**0.832**	**1.021**

Test Engineer： Elio Wei, Dennis Hsieh, Jacky Chen and Jay Chien

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 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.

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

[14] 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

[15] SPEAG DASY6 System Handbook

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