

**FCC 47 CFR § 2.1093
IEEE Std 1528-2013**

**SAR EVALUATION REPORT
(Part 0 : SAR CHARACTERIZATION)**

FOR

GSM/WCDMA/LTE/NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, NFC, UWB and WPT

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TL-637

Revision History

Rev.	Date	Revisions	Revised By
V1	2026-05-14	Initial Issue	--
V2	2026-05-18	Corrected Plimit value SAR Characterizations table in Sec.5.5.	Eunji Choi
V3	2026-06-10	Updated n41 Ant.F spot-check SAR test results in Sec.6.	Eunji Choi

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1. Attestation of SAR Characterization

Applicant Name	SAMSUNG ELECTRONICS CO.,LTD.
FCC ID	A3LSMF971B
Model Number	SM-F971B
Applicable Standards	FCC 47 CFR Sec 2.1093, IEEE Std 1528: 2013 Published RF exposure KDB procedures
Report type	Part.0 : SAR Characterization
Date Tested	2026-04-06 to 2026-05-13 and 2026-06-08 to 2026-06-10
Part 0 Purpose	Part 0 is the procedures for determining P_{Limit} for WWAN/WLAN/BT/NTN to satisfy <i>SAR_design_target</i> in order to FCC limit's requirement.
UL Korea, Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Korea, Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report. Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Korea, Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Korea, Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by IAS, any agency of the Federal Government, or any agency of any government	
Approved & Released By:	Prepared By:
	
Justin Park Operations Leader UL Korea, Ltd. Suwon Laboratory	Eunji Choi Senior Laboratory Engineer UL Korea, Ltd. Suwon Laboratory

2. Introduction

This purpose of the part 0 report is to determine SAR char is derived from SAR test measurements and conducted power measurements to determine P_{Limit} for each technology/band. The P_{Limit} represents the maximum time-averaged power level for the corresponding radio/antenna configuration.

3. Facilities and Accreditation

The test sites and measurement facilities used to collect data are located at

Suwon	
SAR 1 Room	SAR 7 Room
SAR 2 Room	SAR 8 Room
SAR 3 Room	SAR 9 Room
SAR 4 Room	SAR 10 Room
SAR 5 Room	SAR 11 Room
SAR 6 Room	

UL Korea, Ltd. is accredited by IAS, Laboratory Code TL-637.

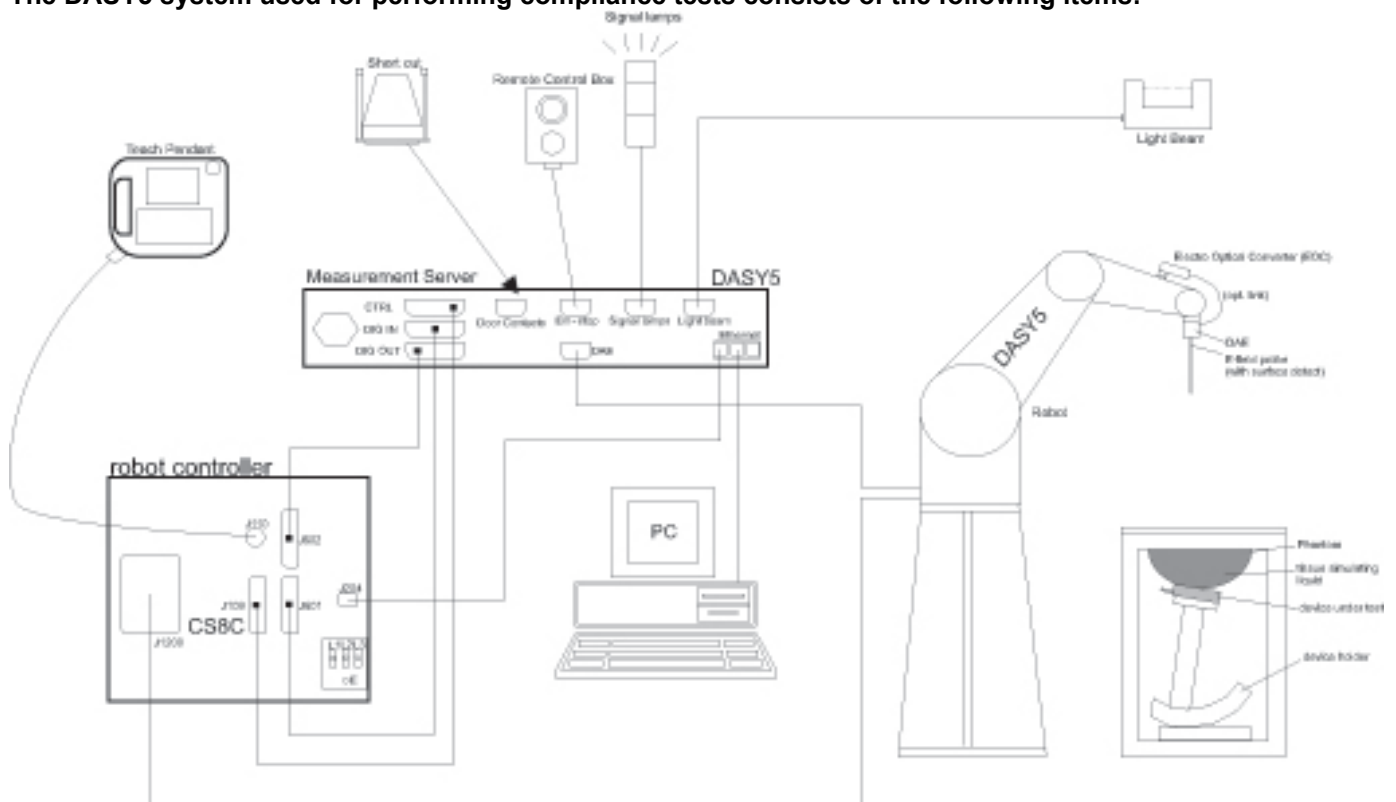
The full scope of accreditation can be viewed at

<https://www.iasonline.org/wp-content/uploads/2017/05/TL-637-cert-New.pdf>.

4. SAR Measurement System & Test Equipment

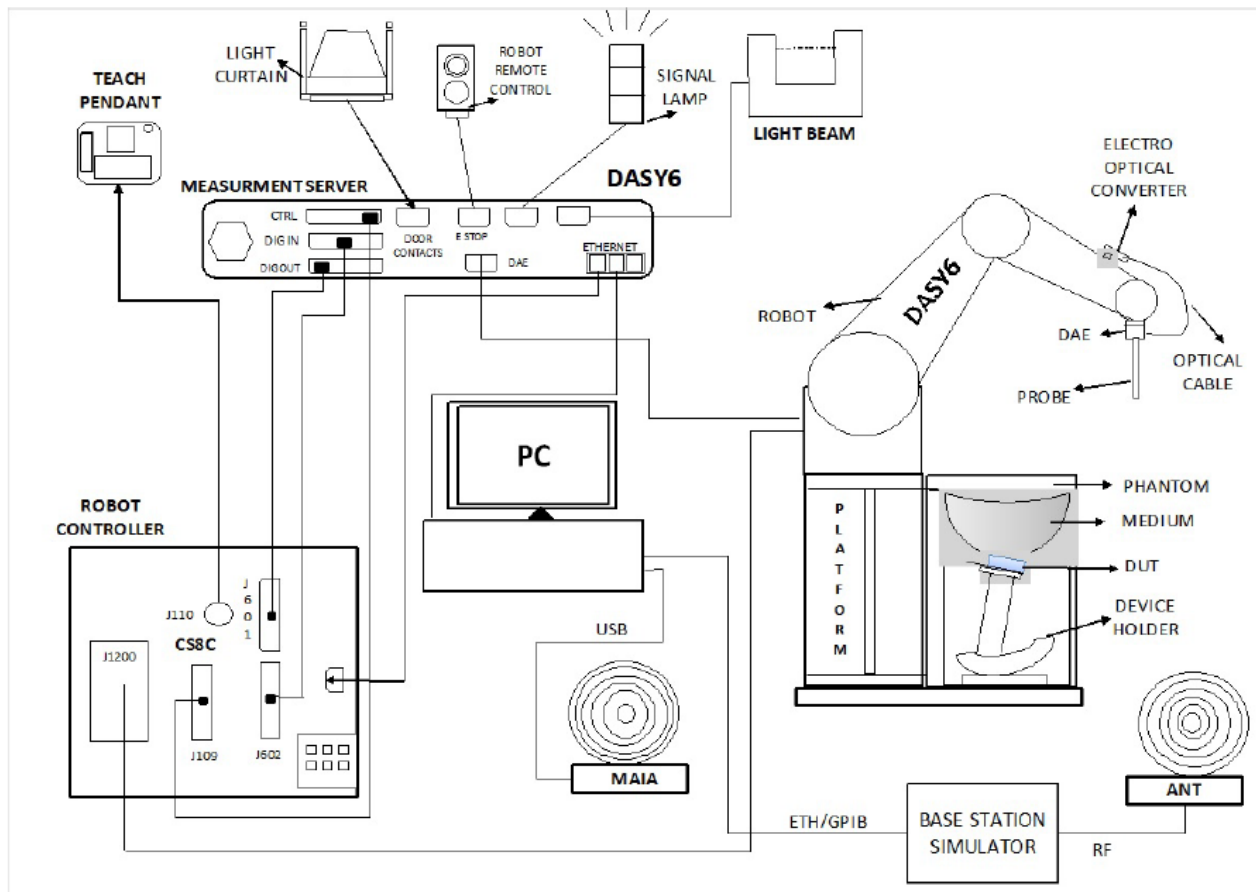
4.1. SAR Measurement System

The DASY5 system used for performing compliance tests consists of the following items:



- 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 Win11 and the DASY5 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.

The DASY6 & 8 system used for performing compliance tests consists of the following items:



- 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 Win11 and the DASY6 or 8 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.

4.2. SAR Scan Procedures

Step 1: 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. The minimum distance of probe sensors to surface is 2.1 mm. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

Step 2: 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 locations even in relatively coarse grids. When an Area Scan has measured all reachable points, it computes the field maximal found in the scanned area, within a range of the global maximum. The range (in dB) 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 KDB 865664 D01 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	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5$ mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: $\Delta x_{\text{Area}}, \Delta y_{\text{Area}}$	≤ 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 $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

Step 3: Zoom Scan

Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. The Zoom Scan measures points (refer to table below) within a cube whose 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 g and 10 g and displays these values next to the job's label.

Zoom Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: $\Delta x_{\text{Zoom}}, \Delta y_{\text{Zoom}}$			≤ 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: $\Delta z_{\text{Zoom}}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1)$	
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 <u>reported</u> SAR from the <i>area scan based 1-g SAR estimation</i> 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.				

Step 4: Power drift measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1.

4.3. Test equipment

Please refer to RFx Part.1 report.

5. SAR Characterizations

5.1. Time-Averaging for SAR

This device is enabled with Qualcomm Smart Transmit algorithm to control and manage transmitting power in real time and to ensure that the time-averaged RF exposure from WWAN/WIFI/BT/NTN is compliance with FCC requirement. This part.0 report shows SAR characterization of WWAN/WLAN/BT/NTN. Characterization is achieved by determining P_{limit} for WWAN/WIFI/BT/NTN that correspond to the SAR_{design_target} after accounting for all device design related uncertainty. The SAR Characterization is denoted as SAR Char in this report.

5.2. Nomenclature for Part 0 Report

Technology	Term	Description
WWAN (2G/3G/4G/ 5G NR Sub6) and WLAN/BT/NTN	P_{limit}	Power level that corresponds to the exposure design target (SAR_{design_target}) after accounting for all device design related uncertainties
	P_{max}	Maximum tune up output power
	SAR_{design_target}	Target SAR level < FCC SAR limit after accounting for all device design related uncertainties
	SAR_{Char}	Table containing P_{limit} for all technologies and bands

5.3. SAR Design Target

SAR_{Design_target} is determined by ensuring that it is less than FCC SAR limit after accounting for total device designed related uncertainties specified by the manufacturer.

SAR_{design_target}			
$SAR_{design_target} < SAR_{regulatory_limit} \times 10^{\frac{-Total\ Uncertainty}{10}}$			
1g SAR (W/kg)		10g SAR (W/kg)	
Total Uncertainty	1.0 dB	Total Uncertainty	1.0 dB
$SAR_{regulatory_limit}$	1.6 W/kg	$SAR_{regulatory_limit}$	4.0 W/kg
SAR_{design_target}	1.0 W/kg	SAR_{design_target}	2.5 W/kg

5.4. DSI and SAR Determination

This device uses different Device State Index (DSI) to configure different time averaged power levels based on certain exposure scenarios. Depending on the detection scheme implemented in the Tablet, the worst-case SAR was determined by measurements for the relevant exposure conditions for that DSI. Detailed descriptions of the detection mechanisms are included in the operational description.

The device state index (DSI) conditions used in below table represent different exposure scenarios.

DSI and Corresponding Exposure Scenarios

RF exposure Scenarios	DSI No.	Description	KDB guide For SAR test
Folder Opened - Head	2	1. Next to the ear exposure condition. 2. Handset's Receiver(ear piece) is active during voice or VoIP call.	KDB 648474 D04
Folder Closed - Head	3	1. Next to the ear exposure condition. 2. Handset's Receiver(ear piece) is active during voice or VoIP call.	KDB 648474 D04
Folder Opened - Body	0	1. Handsets supports Hotspot mode that Active near body. 2. Handsets are carried in body-worn accessories. 3. Hand use conditions for Handsets(Phablet).	KDB 648474 D04 KDB 941225 D06
Folder Closed - Body	1	1. Handsets supports Hotspot mode that Active near body. 2. Handsets are carried in body-worn accessories. 3. Hand use conditions for Handsets(Phablet).	KDB 648474 D04 KDB 941225 D06

5.5. SAR Char

SAR results corresponding to P_{max} for each antenna/technology/band/DSI can be found in Section.6. P_{limit} is calculated by linearly scaling with the measured SAR at the P_{max} to correspond to the SAR_design_target. P_{limit} determination for each exposure scenario corresponding to SAR_design_target are shown in table.

P_{Limit} Determination

Device State Index (DSI)	P_{limit} Determination Scenarios
DSI = 0	The worst-case SAR exposure is determined as maximum SAR normalized to the limit among; 1. Body-worn 1-g SAR at 5 mm in Folder Open condition. 2. Hotspot 1-g SAR at 10 mm in Folder Open condition. 3. Extremity 10-g SAR at 0 mm in Folder Open condition.
DSI = 1	The worst-case SAR exposure is determined as maximum SAR normalized to the limit among; 1. Body-worn 1-g SAR at 5 mm in Folder Close condition. 2. Hotspot 1-g SAR at 10 mm in Folder Close condition. 3. Extremity 10-g SAR at 0 mm in Folder Close condition.
DSI = 2/3	1. P_{limit} is calculated based on Head exposure SAR

Notes:

1. For DSI = 0/1, P_{limit} is calculated by:

All Antennas

$P_{limit} = \min\{ P_{limit} \text{ corresponding to Body-worn \& Hotspot 1g SAR evaluation, } P_{limit} \text{ corresponding to Product specific 10g SAR evaluation of each antennas} \}$

SAR Characterizations

Exposure condition			Folder Open Body-worn & Hotspot	Folder Open Product Specific 10-g	Folder Closed Body-worn & Hotspot	Folder Closed Product Specific 10-g	Folder Open Head	Folder Closed Head	P _{max} (Maximum tune-up Power) (dBm)
Spatial-average Test distance (mm)			1g	10g	1g	10g	1g	1g	
Configuration			5/10	0	5/10	0	0	0	
DSI:			Folder Open	Folder Open	Folder Closed	Folder Closed	Folder Open	Folder Closed	
			0		1		2	3	
RF Air Interface	Antenna	Antenna Group	P _{limit} corresponding to 1.0 W/kg (SAR _{design_target}) (1g) / 2.5 W/kg (SAR _{design_target}) (10g)						
GSM 850	A, A+B	AG 0	21.3		21.3		26.3	27.3	25.3
GSM 850	D	AG 1	20.3		20.3		26.1	28.4	25.1
GSM 1900	B	AG 0	16.3		18.3		16.3	24.3	22.3
WCDMA 2	F	AG 1	15.5		16.5		15.5	20.5	24.0
WCDMA 4	F	AG 1	15.5		15.5		15.5	19.0	23.5
WCDMA 5	A, A+B	AG 0	22.0		22.0		25.3	25.3	24.3
WCDMA 5	D	AG 1	21.0		21.0		29.4	27.5	24.3
LTE Band 12 (17)	A, A+B	AG 0	22.0		22.0		29.0	28.4	24.2
LTE Band 12 (17)	D	AG 1	22.0		23.0		29.7	31.0	24.0
LTE Band 13	A, A+B	AG 0	22.0		22.0		27.1	27.6	24.5
LTE Band 13	D	AG 1	22.0		23.0		27.3	27.7	24.0
LTE Band 26	A, A+B	AG 0	22.0		22.0		26.2	26.1	24.5
LTE Band 26	D	AG 1	21.0		21.0		25.7	27.7	24.0
LTE Band 5	A, A+B	AG 0	22.0		22.0		26.4	25.7	24.5
LTE Band 5	D	AG 1	21.0		21.0		26.5	28.2	24.0
LTE Band 66(4)	B	AG 0	15.0		15.0		15.0	25.0	24.0
LTE Band 66(4)	F	AG 1	15.5		15.5		19.0	20.0	24.2
LTE Band 25(2)	B	AG 0	15.5		17.0		15.5	25.0	24.0
LTE Band 25(2)	F	AG 1	15.5		16.5		19.0	21.0	24.2
LTE Band 41 PC3	B	AG 0	14.5		16.0		14.5	28.4	22.0
LTE Band 41 PC3	F	AG 1	14.0		16.0		14.0	15.5	22.0
LTE Band 41 PC2	B	AG 0	14.5		16.0		14.5	28.4	22.0
LTE Band 41 PC2	F	AG 1	14.0		16.0		14.0	15.5	22.0
NR Band n71	A, A+B	AG 0	22.0		22.0		29.3	29.8	24.5
NR Band n71	D	AG 1	22.0		23.0		29.0	32.0	24.5
NR Band n5	A, A+B	AG 0	22.0		22.0		25.5	25.7	24.5
NR Band n5	D	AG 1	21.0		21.0		25.5	27.6	24.5
NR Band n66	B	AG 0	15.0		16.0		15.0	25.7	24.0
NR Band n66	F	AG 1	15.5		15.5		19.0	20.0	24.2
NR Band n25(2)	B	AG 0	15.5		17.0		15.5	26.4	24.0
NR Band n25(2)	F	AG 1	15.5		16.5		19.0	21.0	24.2
NR Band n41 SRS1 (PC3)	F	AG 1	14.0		16.0		14.0	15.5	24.0
NR Band n41 SRS2 (PC3)	B	AG 0	14.5		16.0		14.5	19.0	23.0
NR Band n41 SRS3 (PC3)	E	AG 1	12.0		12.0		12.0	12.0	23.0
NR Band n41 SRS4 (PC3)	C	AG 0	12.0		12.0		12.0	12.0	22.5
NR Band n41 Switching SRS1 (PC3)	B	AG 0	14.5		16.0		14.5	23.0	24.0
NR Band n41 Switching SRS2 (PC3)	F	AG 1	14.0		16.0		14.0	15.5	23.5
NR Band n41 Switching SRS3 (PC3)	C	AG 0	12.0		12.0		12.0	12.0	23.5
NR Band n41 Switching SRS4 (PC3)	E	AG 1	12.0		12.0		12.0	12.0	22.0
NR Band n77(78) SRS1 (PC2)	E	AG 1	15.0		16.0		16.0	18.0	26.0
NR Band n77(78) SRS2 (PC2)	A	AG 0	12.0		12.0		12.0	12.0	23.0
NR Band n77(78) SRS3 (PC2)	F	AG 1	12.0		12.0		12.0	12.0	24.0
NR Band n77(78) SRS4 (PC2)	C	AG 0	12.0		12.0		12.0	12.0	23.0
DTS SISO Ant. 1	D	AG 1	17.0		17.0		14.5	14.5	19.0
DTS SISO Ant. 2	G	AG 1	17.0		17.0		14.5	14.5	19.0
DTS MIMO	D+G	AG 1	16.0		17.0		14.5	14.5	17.0
UNII-2A SISO Ant. 1	E	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-2A SISO Ant. 2	D	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-2A MIMO	E+D	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-2C SISO Ant. 1	E	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-2C SISO Ant. 2	D	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-2C MIMO	E+D	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-3 SISO Ant. 1	E	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-3 SISO Ant. 2	D	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-3 MIMO	E+D	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-4 SISO Ant. 1	E	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-4 SISO Ant. 2	D	AG 1	13.0		13.0		15.0	15.0	17.0
UNII-4 MIMO	E+D	AG 1	13.0		13.0		15.0	15.0	17.0
WiFi 6E SISO Ant. 1	E	AG 1	11.5		11.5		11.5	11.5	16.0
WiFi 6E SISO Ant. 2	D	AG 1	11.5		11.5		11.5	11.5	16.0
WiFi 6E MIMO	E+D	AG 1	11.5		11.5		11.5	11.5	16.0
Bluetooth Ant. 1	D	AG 1	15.0		15.0		12.5	12.5	19.0
Bluetooth Ant. 2	G	AG 1	15.0		15.0		12.5	12.5	19.0
Bluetooth MIMO	D+G	AG 1	19.9		26.4		12.5	12.5	14.0

Notes:

1. If P_{limit} is higher than P_{max} for some modes / bands, The modes/bands will operate at a power level up to P_{max} .
2. P_{max} (Maximum tune-up power) is specified in tune-up document. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty.
3. All P_{limit} EFS and maximum tune up output P_{max} levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (e.g GSM and LTE TDD).
4. P_{limit} (DSI=0&1) was determined to be the lower of “Body-worn & Hotspot” and “Product Specific 10-g” in each WWAN Bands.
5. Some band's DSIs were determined more conservative P_{limit} instead of calculation P_{limit} in Section.7.

6. Part.0 Plimit calculation for Product Specific 10-g SAR

The results of Product Specific 10-g SAR listed here are the results of verification to satisfy Plimit, although the FCC does not require testing. The results for the remaining conditions are also included in Sec.10 of Part.1 report.

Folder Closed

Worst-case Spot-check SAR test results and criteria

Equipment Cases	Band	Antenna Group	Antenna	RF Exposure Conditions	Mode / Modulation / Waveform	BW (MHz)	DS	Distance (m)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB offset	Tune-up Line (dBm)	Reference Worst-Case				Variant Test (Spot-check)				Relative Difference (δ_{rel})	Spot-check Parameter		Y/N	Pass Criterion			
															Measured Power (dBm)	Measured SAR (W/kg)	Reported SAR (W/kg)	TER _L	PartID	Measured Power (dBm)	Measured SAR (W/kg)	Reported SAR (W/kg)		TER _L	PartID			Ref. No.	Margin (M)	$\delta_{100\text{MHz}}$ (M)
PCE	GSM850	AG.0	Ant.A	Product Specific 10-g	GPRS 4 slots		1	0	Bottom	190	836.6			25.50	24.63	0.890	1.087	0.272	25.9	24.55	0.740	0.921	0.230	26.6	0.153	0.728	0.478	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	GSM850	AG.0	Ant.A+B	Product Specific 10-g	GPRS 4 slots		1	0	Bottom	190	836.6			25.50	24.63	0.639	0.781	0.195	27.3	24.55	0.927	1.154	0.288	25.6	0.478	0.805	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	GSM850	AG.1	Ant.D	Product Specific 10-g	GPRS 1 slot		1	0	Top	190	836.6			30.50	28.87	0.751	1.093	0.273	24.9	29.25	0.461	0.615	0.154	27.4	0.438	0.727	0.477	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	GSM1900	AG.0	Ant.B	Product Specific 10-g	GPRS 4 slots		1	0	Bottom	661	1880.0			22.50	21.70	1.270	1.527	0.382	21.4	21.17	1.340	1.820	0.455	20.7	0.192	0.618	0.368	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	WCDMA5	AG.0	Ant.A+B	Product Specific 10-g	Rel 99 RMC		1	0	Bottom	4183	836.6			23.00	22.22	1.490	1.783	0.446	24.4	22.23	1.530	1.827	0.457	24.3	0.024	0.554	0.304	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	WCDMA5	AG.0	Ant.A+B	Product Specific 10-g	Rel 99 RMC		1	0	Bottom	4183	836.6			23.00	22.22	1.500	1.795	0.449	24.4	22.23	1.400	1.672	0.418	24.7	0.069	0.551	0.301	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	WCDMA5	AG.1	Ant.D	Product Specific 10-g	Rel 99 RMC		1	0	Right	4132	826.4			22.00	20.17	0.987	1.504	0.376	24.2	20.28	0.952	1.415	0.354	24.4	0.060	0.624	0.374	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	WCDMA4	AG.1	Ant.F	Product Specific 10-g	Rel 99 RMC		1	0	Top	1413	1732.6			16.50	15.44	0.856	0.837	0.209	21.2	15.78	0.668	0.788	0.197	21.5	0.058	0.791	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	WCDMA2	AG.1	Ant.F	Product Specific 10-g	Rel 99 RMC		1	0	Top	9400	1880.0			17.50	16.70	0.838	1.007	0.252	21.4	16.85	1.180	1.371	0.343	20.1	0.360	0.748	0.498	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)	
PCE	LTE B12	AG.0	Ant.A	Product Specific 10-g	QPSK		10	1	0	Bottom	23095	707.5	1	25	23.00	22.37	0.889	1.028	0.257	26.8	22.41	1.110	1.272	0.318	25.9	0.237	0.743	0.493	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B12	AG.0	Ant.A+B	Product Specific 10-g	QPSK		10	1	0	Right	23095	707.5	1	25	23.00	22.37	0.901	1.042	0.260	26.8	22.41	0.886	1.015	0.254	26.9	0.026	0.740	0.490	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B12	AG.1	Ant.D	Product Specific 10-g	QPSK		10	1	0	Right	23095	707.5	1	0	24.00	23.46	1.050	1.189	0.297	27.2	23.46	1.060	1.200	0.300	27.1	0.010	0.703	0.453	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B13	AG.0	Ant.A	Product Specific 10-g	QPSK		10	1	0	Bottom	23230	782.0	1	0	23.00	22.34	0.842	0.980	0.245	27.0	22.01	1.160	1.457	0.364	25.3	0.486	0.755	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B13	AG.0	Ant.A+B	Product Specific 10-g	QPSK		10	1	0	Right	23230	782.0	1	0	23.00	22.34	0.948	1.104	0.276	26.5	21.82	0.858	1.126	0.281	26.4	0.020	0.724	0.474	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B13	AG.1	Ant.D	Product Specific 10-g	QPSK		10	1	0	Right	23230	782.0	1	49	24.00	22.15	1.210	1.653	0.463	25.3	22.18	1.290	1.962	0.490	25.0	0.059	0.537	0.287	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B26	AG.0	Ant.A	Product Specific 10-g	QPSK		15	1	0	Bottom	26865	831.5	1	0	23.00	22.78	1.360	1.431	0.358	25.4	22.31	1.440	1.688	0.422	24.7	0.180	0.642	0.352	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B26	AG.0	Ant.A+B	Product Specific 10-g	QPSK		15	1	0	Right	26865	831.5	1	0	23.00	22.78	1.230	1.294	0.323	25.8	22.31	1.130	1.325	0.331	25.7	0.024	0.677	0.427	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B26	AG.1	Ant.D	Product Specific 10-g	QPSK		15	1	0	Right	26865	831.5	1	0	22.00	20.65	0.880	1.201	0.300	25.1	20.30	1.010	1.494	0.373	24.2	0.244	0.709	0.450	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B5	AG.0	Ant.A	Product Specific 10-g	QPSK		10	1	0	Bottom	20525	836.5	1	0	23.00	22.35	1.310	1.521	0.380	25.1	22.46	1.340	1.517	0.379	25.1	0.053	0.620	0.370	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B5	AG.0	Ant.A+B	Product Specific 10-g	QPSK		10	1	0	Right	20525	836.5	1	0	23.00	22.35	1.320	1.533	0.383	25.1	22.46	1.220	1.382	0.345	25.5	0.099	0.617	0.367	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B5	AG.1	Ant.D	Product Specific 10-g	QPSK		10	1	0	Right	20525	836.5	1	0	22.00	20.60	0.824	1.137	0.284	25.4	20.16	0.905	1.362	0.346	24.5	0.215	0.716	0.466	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B66	AG.0	Ant.B	Product Specific 10-g	QPSK		20	1	0	Bottom	132322	1745.0	1	0	17.00	16.64	0.800	0.852	0.163	22.8	15.97	0.771	0.977	0.244	21.0	0.499	0.837	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B66	AG.1	Ant.F	Product Specific 10-g	QPSK		20	1	0	Top	132072	1720.0	1	99	16.50	15.62	0.724	0.887	0.222	21.0	15.65	0.770	0.936	0.234	20.7	0.056	0.778	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B25	AG.0	Ant.B	Product Specific 10-g	QPSK		20	1	0	Bottom	26365	1882.5	1	0	18.00	17.53	0.878	0.978	0.245	22.0	17.06	1.100	1.366	0.341	21.6	0.396	0.755	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B25	AG.1	Ant.F	Product Specific 10-g	QPSK		20	1	0	Top	26590	1905.0	1	0	17.50	16.70	0.763	0.917	0.229	21.8	16.82	0.950	1.111	0.278	21.0	0.211	0.771	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	LTE B41	AG.0	Ant.B	Product Specific 10-g	QPSK		20	1	0	Bottom	41055	2636.5	1	0	19.00	18.28	0.903	0.994	0.148	23.2	18.52	0.811	0.906	0.226	21.4	0.526	0.852	0.500	N	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n71	AG.0	Ant.A	Product Specific 10-g	OFDM-QPSK		35	1	0	Right	136100	880.5	1	93	23.00	22.27	0.921	1.090	0.272	26.6	22.38	1.150	1.326	0.332	25.7	0.217	0.728	0.478	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n71	AG.0	Ant.A+B	Product Specific 10-g	OFDM-QPSK		35	1	0	Right	136100	880.5	1	93	23.00	22.27	1.470	1.739	0.435	24.5	22.21	1.020	1.223	0.306	26.1	0.296	0.565	0.315	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n71	AG.1	Ant.D	Product Specific 10-g	OFDM-QPSK		35	1	0	Right	136100	880.5	1	93	24.00	22.45	1.030	1.472	0.368	26.3	22.76	1.260	1.676	0.419	25.7	0.139	0.632	0.382	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n5	AG.0	Ant.A	Product Specific 10-g	OFDM-QPSK		20	1	0	Right	167300	836.5	1	1	23.00	22.17	1.440	1.743	0.436	24.5	22.34	1.140	1.327	0.332	25.7	0.239	0.564	0.314	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n5	AG.0	Ant.A+B	Product Specific 10-g	OFDM-QPSK		20	1	0	Bottom	167300	836.5	1	1	23.00	22.17	1.400	1.695	0.424	24.6	22.34	1.310	1.525	0.381	25.1	0.100	0.576	0.326	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n5	AG.1	Ant.D	Product Specific 10-g	OFDM-QPSK		20	1	0	Right	167300	836.5	1	1	22.00	20.49	0.762	1.107	0.277	25.5	20.13	0.678	1.043	0.261	25.7	0.058	0.723	0.473	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n66	AG.0	Ant.B	Product Specific 10-g	OFDM-QPSK		45	1	0	Bottom	349000	1745.0	1	1	17.00	16.45	0.748	0.849	0.212	21.6	16.34	0.698	0.813	0.203	21.8	0.043	0.788	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n66	AG.1	Ant.F	Product Specific 10-g	OFDM-QPSK		45	1	0	Top	349000	1745.0	1	1	16.50	15.69	0.748	0.901	0.225	20.9	15.90	0.828	0.951	0.238	20.6	0.055	0.775	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n25	AG.0	Ant.B	Product Specific 10-g	OFDM-QPSK		40	1	0	Bottom	376500	1882.5	1	1	18.00	17.59	1.050	1.154	0.288	21.3	16.92	1.040	1.334	0.333	20.7	0.156	0.712	0.462	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n25	AG.1	Ant.F	Product Specific 10-g	OFDM-QPSK		40	1	0	Top	376500	1882.5	1	1	17.50	16.73	0.778	0.929	0.232	21.7	16.85	1.020	1.185	0.296	20.7	0.275	0.768	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n41	AG.0	Ant.B	Product Specific 10-g	OFDM-QPSK		100	1	0	Bottom	518598	2592.99	1	1	17.00	16.47	1.320	1.491	0.373	19.2	16.66	1.320	1.427	0.357	19.4	0.043	0.627	0.377	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n41	AG.0	Ant.C	Product Specific 10-g	SRS OV		100	1	0	Bottom	518598	2592.99			13.00	12.54	0.414	0.460	0.115	20.3	12.81	0.313	0.327	0.082	21.8	0.290	0.885	0.500	Y	$\delta_{100\text{MHz}} \delta_{100\text{MHz}}$ (M)
PCE	NR n77	AG.0	Ant.A	Product Specific 10-g	SRS OV		100	1	0	Bottom>																				

Equipment Class	Band	Antenna Group	Antenna	RF Exposure Conditions	Mod / Modulation / Waveform	BW (MHz)	DS	Distance (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB offset	Tune-up Limit (dBm)	Reference Worst-Case				Variant Test (Spot-check)				Relative Difference (dB)	Spot-check Parameter		Y/N	Pass Criterion		
															Measured Power (dBm)	Measured SAR (W/kg)	Reported SAR (W/kg)	TER _{lim}	Part0 Plmit	Measured Power (dBm)	Measured SAR (W/kg)	Reported SAR (W/kg)		TER _{lim}	Part0 Plmit			Plot No.	Margin (M)
PCE	LTE B41	AG.1	Ant.F	Product Specific 10-g	QPSK	20	1	0	Top	40185	2549.5	1	0	19.00	17.93	0.957	1.224	0.306	20.1	18.45	0.927	1.052	0.283	20.7	0.141	0.594	0.444	Y	σ ₁₀₀₀₀ < 0.10000 (M)
PCE	NR n41	AG.1	Ant.F	Product Specific 10-g	SRS CW	100	1	0	Top	518598	2592.99			17.00	16.93	1.830	1.860	0.465	18.2	16.74	2.090	2.219	0.555	17.5	0.193	0.535	0.285	Y	σ ₁₀₀₀₀ < 0.10000 (M)
PCE	NR n41	AG.1	Ant.E	Product Specific 10-g	SRS CW	100	1	0	Top	518598	2592.99			13.00	11.98	0.191	0.242	0.060	23.1	11.54	0.130	0.182	0.045	24.3	0.247	0.940	0.500	Y	σ ₁₀₀₀₀ < 0.10000 (M)
PCE	NR n41	AG.1	Ant.E	Product Specific 10-g	SRS CW	100	1	0	Left	518598	2592.99			13.00	11.98	0.000	0.000	0.000	N/A	11.54	0.000	0.000	0.000	N/A	N/A	N/A	N/A	N/A	σ ₁₀₀₀₀ < 0.10000 (M)
PCE	NR n77	AG.1	Ant.E	Product Specific 10-g	DFT-s OFDM QPSK	100	1	0	Top	662000	3930.00	1	271	17.00	16.53	1.210	1.348	0.337	19.6	16.66	0.446	0.482	0.121	24.1	0.642	0.663	0.413	N	σ ₁₀₀₀₀ < 0.10000 (M)
PCE	NR n77	AG.1	Ant.E	Product Specific 10-g	DFT-s OFDM QPSK	100	1	0	Left	662000	3930.00	1	271	17.00	16.53	0.102	0.114	0.028	30.4	16.66	0.043	0.047	0.012	34.3	0.591	0.972	0.500	N	σ ₁₀₀₀₀ < 0.10000 (M)
PCE	NR n77	AG.1	Ant.F	Product Specific 10-g	SRS CW	100	1	0	Top	662000	3930.00			13.00	12.72	0.376	0.401	0.100	20.9	12.46	0.221	0.250	0.063	22.9	0.376	0.900	0.500	Y	σ ₁₀₀₀₀ < 0.10000 (M)

LTE Band 41

Antenna Group	Antenna	RF Exposure Conditions	Waveform/Modulation	Bandwidth (MHz)	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	RB Allocation	RB offset	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.0	Ant.B	Product Specific 10-g 0 mm	QPSK	20	1	0	Bottom	41055	2636.5	1	0	19.00	18.52	0.811	0.906		21.4

NR Band n77

Antenna Group	Antenna	RF Exposure Conditions	Waveform/Modulation	Bandwidth (MHz)	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	RB Allocation	RB offset	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.E	Product Specific 10-g	DFT-s OFDM QPSK	100	1	0	Top	662000	3930.00	1	271	17.00	16.66	0.446	0.482		24.1
AG.1	Ant.E	Product Specific 10-g	DFT-s OFDM QPSK	100	1	0	Left	662000	3930.00	1	271	17.00	16.66	0.043	0.047		34.3

Antenna Group	Antenna	RF Exposure Conditions	Waveform/Modulation	Bandwidth (MHz)	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.0	Ant.C	Product Specific 10-g 0 mm	SRS CW	100	1	0	Left	650000	3750.00	13.00	11.56	0.000	0.000		N/A
AG.0	Ant.C	Product Specific 10-g 0 mm	SRS CW	100	1	0	Bottom	650000	3750.00	13.00	11.56	0.022	0.031		32.1

Wi-Fi 2.4GHz MIMO

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power Ant.1 (dBm)	Measured Power Ant.2 (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D+G	Product Specific 10-g 0 mm	802.11g 6Mbps	1	0	Top	1	2412.0	5.505	89.27%	18.00	17.02	16.38	1.280	2.082		18.7
AG.1	Ant.D+G	Product Specific 10-g 0 mm	802.11g 6Mbps	1	0	Right	1	2412.0	2.974	89.27%	18.00	17.02	16.38	0.963	1.566		20.0

Wi-Fi 5GHz

U-NII 2A

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	58	5290.0	1.400	94.26%	14.00	12.93	0.280	0.380		22.1
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Right	58	5290.0	0.353	94.26%	14.00	12.93				

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power Ant.1 (dBm)	Measured Power Ant.2 (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D+E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	58	5290.0	1.340	94.26%	14.00	12.65	12.68	0.419	0.607	75	20.1
AG.1	Ant.D+E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Left	58	5290.0	0.060	94.26%	14.00	12.65	12.68				
AG.1	Ant.D+E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Right	58	5290.0	0.416	94.26%	14.00	12.65	12.68				

U-NII 2C

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	122	5610.0	2.260	94.26%	14.00	13.73	0.393	0.444	77	21.5
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Right	122	5610.0	0.554	94.26%	14.00	13.73				

U-NII 3

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	155	5775.0	2.560	94.26%	14.00	13.66	0.541	0.621		20.0
AG.1	Ant.E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Left	155	5775.0	0.067	94.26%	14.00	13.66				

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power Ant.1 (dBm)	Measured Power Ant.2 (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D+E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	155	5775.0	2.790	94.26%	14.00	12.70	12.44	0.619	0.941	78	<u>18.2</u>
AG.1	Ant.D+E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Left	155	5775.0	0.110	94.26%	14.00	12.70	12.44				
AG.1	Ant.D+E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Right	155	5775.0	0.874	94.26%	14.00	12.70	12.44				

U-NII 4

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	171	5855.0	2.280	94.26%	14.00	12.83	0.469	0.651	79	<u>19.8</u>
AG.1	Ant.E	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Left	171	5855.0	0.057	94.26%	14.00	12.83				

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	171	5855.0	1.860	94.26%	14.00	13.42	0.298	0.361		<u>22.4</u>
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Right	171	5855.0	0.729	94.26%	14.00	13.42				

Bluetooth

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D	Product Specific 10-g 0 mm	BLE	1	0	Top	37	2402.0	85.03%	16.00	15.29	0.131	0.158		27.9
AG.1	Ant.D	Product Specific 10-g 0 mm	BLE	1	0	Right	37	2402.0	85.03%	16.00	15.29	0.597	0.719		<u>21.4</u>

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.G	Product Specific 10-g 0 mm	BLE	1	0	Top	17	2440.0	85.03%	16.00	15.32	0.547	0.655		<u>21.8</u>

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Duty Cycle	Tune-up Limit (dBm)	Measured Power Ant.1 (dBm)	Measured Power Ant.2 (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D+G	Product Specific 10-g 0 mm	BDR	1	0	Top	0	2402.0	76.61%	15.00	13.15	14.91	0.499	0.788		20.0
AG.1	Ant.D+G	Product Specific 10-g 0 mm	BDR	1	0	Right	0	2402.0	76.61%	15.00	13.15	14.91	0.695	1.097		<u>18.5</u>

Folder Open

Worst-case Spot-check SAR test results and criteria

Equipment Class	Band	Antenna Group	Antenna	RF Exposure Conditions	Mode / Modulation / Waveform	BW (MHz)	DS	Distance (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB offset	Tune-up Limit (dBm)	Reference Worst-Case					Variant Test (Spot-check)					Relative Difference (d _{rel})	Spot-check Parameter		Y/N	Pass Criterion
															Measured Power (dBm)	Measured SAR (W/kg)	Reported SAR (W/kg)	TER _L	Perf ₀ Point	Measured Power (dBm)	Measured SAR (W/kg)	Reported SAR (W/kg)	TER _L	Perf ₀ Point	Ref. No.	Margin (M)	d _{120mm} (M)		
PCE	GSM850	AG.0	Ant.A+B	Product Specific 10-g	GPRS 4 slots	0	0	0	Right	190	836.6	0	0	25.50	24.63	0.527	0.644	0.161	28.2	24.55	0.706	0.879	0.220	26.8	0.365	0.639	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	GSM850	AG.1	Ant.D	Product Specific 10-g	GPRS 1 slot	0	0	0	Right	190	836.6	0	0	30.50	28.87	0.732	1.065	0.266	25.0	29.25	0.851	1.135	0.284	24.7	0.065	0.734	0.484	Y	d _{125d} ≤d _{120mm} (M)
PCE	GSM1900	AG.0	Ant.B	Product Specific 10-g	GPRS 4 slots	0	0	0	Bottom	661	1880.0	0	0	20.50	19.28	1.230	1.629	0.407	19.1	18.94	1.010	1.447	0.362	19.7	0.112	0.593	0.343	Y	d _{125d} ≤d _{120mm} (M)
PCE	WCDMA5	AG.0	Ant.A+B	Product Specific 10-g	Rel 99 RMC	0	0	0	Right	4183	836.6	0	0	23.00	22.22	1.030	1.233	0.308	26.0	22.23	0.974	1.163	0.291	26.3	0.057	0.692	0.442	Y	d _{125d} ≤d _{120mm} (M)
PCE	WCDMA5	AG.1	Ant.D	Product Specific 10-g	Rel 99 RMC	0	0	0	Right	4183	836.6	0	0	22.00	20.12	1.030	1.588	0.397	23.9	20.28	0.872	1.296	0.324	24.8	0.184	0.603	0.353	Y	d _{125d} ≤d _{120mm} (M)
PCE	WCDMA2	AG.1	Ant.F	Product Specific 10-g	Rel 99 RMC	0	0	0	Top	9400	1880.0	0	0	16.50	15.68	1.120	1.353	0.338	19.1	15.83	1.230	1.435	0.359	18.9	0.061	0.692	0.412	Y	d _{125d} ≤d _{120mm} (M)
PCE	WCDMA4	AG.1	Ant.F	Product Specific 10-g	Rel 99 RMC	0	0	0	Top	1413	1732.6	0	0	16.50	15.44	1.010	1.289	0.322	19.3	15.71	0.722	0.866	0.217	21.1	0.328	0.678	0.428	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B12	AG.0	Ant.A+B	Product Specific 10-g	QPSK	10	0	0	Right	23095	707.5	1	25	23.00	22.37	0.784	0.906	0.227	27.4	22.41	0.870	0.997	0.249	26.9	0.100	0.773	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B12	AG.1	Ant.D	Product Specific 10-g	QPSK	10	0	0	Right	23095	707.5	1	25	23.00	22.45	0.945	1.073	0.268	26.6	21.08	0.856	1.332	0.333	25.7	0.242	0.732	0.482	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B13	AG.0	Ant.A+B	Product Specific 10-g	QPSK	10	0	0	Bottom	23230	782.0	1	0	23.00	22.34	0.764	0.889	0.222	27.4	21.82	0.454	0.596	0.149	29.2	0.330	0.778	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B13	AG.1	Ant.D	Product Specific 10-g	QPSK	10	0	0	Right	23230	782.0	1	25	23.00	21.11	1.020	1.576	0.394	25.0	20.98	1.250	1.990	0.498	23.9	0.263	0.606	0.356	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B26	AG.0	Ant.A+B	Product Specific 10-g	QPSK	15	0	0	Right	26865	831.5	1	0	23.00	22.78	1.200	1.382	0.316	25.9	22.31	1.030	1.207	0.302	26.1	0.044	0.684	0.434	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B26	AG.1	Ant.D	Product Specific 10-g	QPSK	15	0	0	Right	26865	831.5	1	0	22.00	20.85	0.905	1.235	0.309	25.0	20.30	1.070	1.583	0.396	23.9	0.262	0.691	0.441	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B5	AG.0	Ant.A+B	Product Specific 10-g	QPSK	10	0	0	Right	20525	836.5	1	0	23.00	22.35	1.100	1.278	0.319	25.9	22.46	1.050	1.189	0.297	26.2	0.069	0.681	0.431	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B5	AG.1	Ant.D	Product Specific 10-g	QPSK	10	0	0	Right	20525	836.5	1	0	22.00	20.60	0.958	1.322	0.331	24.7	20.16	0.906	1.384	0.346	24.5	0.047	0.699	0.419	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B66	AG.0	Ant.A+B	Product Specific 10-g	QPSK	20	0	0	Bottom	132322	1745.0	1	0	16.00	15.46	0.795	0.900	0.225	20.4	15.15	0.780	0.949	0.237	20.2	0.054	0.775	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B66	AG.1	Ant.F	Product Specific 10-g	QPSK	20	0	0	Top	132072	1720.0	1	89	16.50	15.62	0.809	0.891	0.248	20.5	15.27	0.851	1.130	0.282	19.9	0.140	0.752	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B25	AG.0	Ant.A+B	Product Specific 10-g	QPSK	20	0	0	Bottom	26365	1862.5	1	0	16.50	16.27	0.956	1.008	0.252	20.4	15.65	0.964	1.172	0.293	19.7	0.163	0.748	0.498	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B25	AG.1	Ant.F	Product Specific 10-g	QPSK	20	0	0	Top	26590	1905.0	1	0	16.50	16.01	0.968	1.016	0.254	20.4	15.16	1.040	1.416	0.354	18.9	0.393	0.746	0.496	Y	d _{125d} ≤d _{120mm} (M)
PCE	LTE B41	AG.0	Ant.B	Product Specific 10-g	QPSK	20	0	0	Bottom	41055	2036.5	1	0	17.50	16.82	0.533	0.623	0.156	21.5	16.84	0.784	0.913	0.228	19.8	0.464	0.844	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n71	AG.0	Ant.A+B	Product Specific 10-g	DTT-s OFDM QPSK	35	0	0	Bottom	136100	680.5	1	83	23.00	22.27	0.574	0.679	0.170	28.6	22.45	0.653	0.741	0.185	28.2	0.091	0.830	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n71	AG.1	Ant.D	Product Specific 10-g	DTT-s OFDM QPSK	35	0	0	Right	136100	680.5	1	83	23.00	21.50	0.840	1.187	0.297	26.2	21.80	0.992	1.308	0.327	25.8	0.102	0.703	0.453	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n5	AG.0	Ant.A+B	Product Specific 10-g	DTT-s OFDM QPSK	20	0	0	Right	167300	836.5	1	1	23.00	22.17	0.917	1.110	0.278	26.5	22.21	0.899	1.078	0.270	26.6	0.026	0.672	0.472	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n5	AG.1	Ant.D	Product Specific 10-g	DTT-s OFDM QPSK	20	0	0	Right	167300	836.5	1	1	22.00	20.49	0.880	0.963	0.241	26.1	20.17	0.844	1.286	0.322	24.8	0.336	0.759	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n6	AG.0	Ant.B	Product Specific 10-g	DTT-s OFDM QPSK	45	0	0	Bottom	348000	1745.0	1	1	16.00	15.55	0.887	0.984	0.246	20.0	15.70	0.822	0.881	0.220	20.5	0.105	0.754	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n6	AG.1	Ant.F	Product Specific 10-g	DTT-s OFDM QPSK	45	0	0	Top	348000	1745.0	1	1	16.50	15.69	0.933	1.124	0.281	19.9	15.85	0.755	0.877	0.219	21.0	0.220	0.719	0.469	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n25	AG.0	Ant.A+B	Product Specific 10-g	DTT-s OFDM QPSK	40	0	0	Bottom	376500	1862.5	1	1	16.50	15.79	0.979	1.153	0.288	19.8	16.20	1.000	1.072	0.268	20.1	0.071	0.712	0.462	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n25	AG.1	Ant.F	Product Specific 10-g	DTT-s OFDM QPSK	40	0	0	Top	376500	1862.5	1	1	16.50	15.81	0.869	1.019	0.255	20.3	15.37	0.842	1.092	0.273	20.0	0.072	0.745	0.465	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n41	AG.0	Ant.B	Product Specific 10-g	DTT-s OFDM QPSK	100	0	0	Bottom	518598	2592.99	1	1	15.50	15.12	1.140	1.244	0.311	18.5	15.30	1.130	1.183	0.296	18.7	0.049	0.689	0.430	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n41	AG.0	Ant.B	Product Specific 10-g	SRS CW	100	0	0	Bottom	518598	2592.99	0	0	13.00	12.54	0.340	0.378	0.094	21.2	12.81	0.275	0.287	0.072	22.3	0.240	0.906	0.500	Y	d _{125d} ≤d _{120mm} (M)
PCE	NR n77	AG.0	Ant.A	Product Specific 10-g	SRS CW	100	0	0	Bottom	662000	3930.00	0	0	13.00	11.69	0.189	0.256	0.064	22.9	12.00	0.092	0.116	0.029	26.3	0.547	0.936	0.500	N	d _{125d} ≤d _{120mm} (M)
PCE	NR n77	AG.0	Ant.C	Product Specific 10-g	SRS CW	100	0	0	Bottom	650000	3750.00	0	0	13.00	11.89	0.112	0.145	0.036	25.3	11.51	0.043	0.061	0.015	29.1	0.581	0.964	0.500	N	d _{125d} ≤d _{120mm} (M)

Equipment Class	Band	Antenna Group	Antenna	RF Exposure Conditions	Mode	DS	Distance (mm)	Test Position	Channel	Freq. (MHz)	Max Duty Cycle (%)	Tested Duty Cycle (%)	Tune-up Limit (dBm)	Reference Worst-Case					Variant Test (Spot-check)					Relative Difference (d _{rel})	Spot-check Parameter		Y/N	Pass Criterion	
														Measured Power (dBm)	Measured SAR (W/kg)	Reported SAR (W/kg)	TER _L	Perf ₀ Point	Measured Power (dBm)	Measured SAR (W/kg)	Reported SAR (W/kg)	TER _L	Perf ₀ Point		Ref. No.	Margin (M)			d _{120mm} (M)
DTT	WLAN 2.4GHz	AG.1	Ant.D	Product Specific 10-g	802.11b Mbps	0	0	Right	1	2412.0	100.00%	97.27%	18.00	17.63	0.929	1.040	0.280	21.8	17.46	1.140	1.327	0.332	20.7	0.276	0.740	0.490	Y	d _{125d} ≤d _{120mm} (M)	
DTT	WLAN 2.4GHz	AG.1	Ant.G	Product Specific 10-g	802.11b Mbps	0	0	Top	6	2437.0	100.00%	97.27%	18.00	17.37	1.440	1.711	0.428	19.6	17.06	1.740	2.221	0.555	18.5	0.298	0.572	0.322	Y	d _{125d} ≤d _{120mm} (M)	
NI	U-NI 2A	AG.1	Ant.D+E	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	58	5290.0	100.00%	94.26%	14.00	12.75	0.381	0.539	0.135	20.6	12.65	0.425	0.615	0.154	20.0	46	0.141	0.865	0.500	Y	d _{125d} ≤d _{120mm} (M)
NI	U-NI 2A	AG.1	Ant.E	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	58	5290.0	100.00%	94.26%	14.00	12.94	0.333	0.451	0.113	21.4	13.50	0.413	0.492	0.123	21.0	0.090	0.887	0.500	Y	d _{125d} ≤d _{120mm} (M)	
NI	U-NI 2A	AG.1	Ant.D	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	58	5290.0	100.00%	94.26%	14.00	12.68	0.240	0.345	0.086	22.6	12.93	0.245	0.333	0.083	22.7	0.036	0.914	0.500	Y	d _{125d} ≤d _{120mm} (M)	
NI	U-NI 2C	AG.1	Ant.D+E	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	122	5610.0	100.00%	94.26%	14.00	12.76	0.526	0.742	0.186	19.2	12.42	0.507	0.774	0.193	19.0	47	0.042	0.914	0.500	Y	d _{125d} ≤d _{120mm} (M)
NI	U-NI 2C	AG.1	Ant.E	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	106	5530.0	100.00%	94.26%	14.00	13.23	0.400	0.507	0.127	20.9	13.39	0.442	0.540	0.135	20.6	0.065	0.873	0.500	Y	d _{125d} ≤d _{120mm} (M)	
NI	U-NI 2C	AG.1	Ant.D	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	122	5610.0	100.00%	94.26%	14.00	12.93	0.149	0.202	0.051	24.9	13.73	0.258	0.291	0.073	23.3	0.440	0.949	0.500	Y	d _{125d} ≤d _{120mm} (M)	
NI	U-NI 3	AG.1	Ant.D+E	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	155	5775.0	100.00%	94.26%	14.00	12.82	0.481	0.670	0.167	19.7	12.44	0.469	0.713	0.178	19.4	48	0.064	0.833	0.500	Y	d _{125d} ≤d _{120mm} (M)
NI	U-NI 3	AG.1	Ant.E	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	155	5775.0	100.00%	94.26%	14.00	12.86	0.423	0.583	0.146	20.3	13.66	0.405	0.465	0.116	21.3	0.204	0.854	0.500	Y	d _{125d} ≤d _{120mm} (M)	
NI	U-NI 3	AG.1	Ant.D	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	155	5775.0	100.00%	94.26%	14.00	13.08	0.119	0.156	0.039	26.0	13.46	0.259	0.311	0.078	23.0	0.994	0.961	0.500	N	d _{125d} ≤d _{120mm} (M)	
NI	U-NI 4	AG.1	Ant.D+E	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	171	5855.0	100.00%	94.26%	14.00	12.82	0.418	0.609	0.152	20.1	12.33	0.432	0.673	0.168	19.6	49	0.105	0.846	0.500	Y	d _{125d} ≤d _{120mm} (M)
NI	U-NI 4	AG.1	Ant.E	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	171	5855.0	100.00%	94.26%	14.00	12.83	0.403	0.560	0.140	20.4	13.69	0.375	0.427	0.107	21.6	0.237	0.860	0.500	Y	d _{125d} ≤d _{120mm} (M)	
NI	U-NI 4	AG.1	Ant.D	Product Specific 10-g	802.11ac VHT80 MCS0	0	0	Top	171	5855.0	100.00%	94.26%	14.00	12.94	0.113	0.153	0.038	26.1	13.42	0.283	0.319	0.080	22.9	1.084	0.962	0.500	N	d _{125d} ≤d _{120mm} (M)	
6CDV/L	U-NI 5-8	AG.1	Ant.D+E	Product Specific 10-g	802.11be EHT320 MCS0	0	0	Top	63	6285.0	100.00%	99.18%	12.50	11.69	0.259	0.315	0.079	21.5	11.74	0.269	0.323	0.081	21.3	0.027	0.921	0.500	Y	d _{125d} ≤d _{120mm} (M)	
6CDV/L	U-NI 5-8	AG.1	Ant.E	Product Specific 10-g	802.11be EHT320 MCS0	0	0	Front	191	6905.0	100.00%	99.18%	12.50	11.37	0.288	0.377	0.094	20.7	11.40	0.261	0.339	0.085	21.1	0.100	0.906	0.500	Y	d _{125d} ≤d _{120mm} (M)	
6CDV/L	U-NI 5-8	AG.1	Ant.D	Product Specific 10-g	802.11be EHT320 MCS0	0	0	Front	159	6745.0	100.00%	99.18%	12.50	11.35	0.352	0.463	0.116	19.8	11.76	0.349	0.417	0.104	20.2	50	0.098	0.884	0.500	Y	d _{125d} ≤d _{120mm} (M)

NR Band n77

Antenna Group	Antenna	RF Exposure Conditions	Waveform/Modulation	Bandwidth (MHz)	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.0	Ant.A	Product Specific 10-g 0 mm	SRS CW	100	0	0	Bottom	662000	3930.00	13.00	12.00	0.092	0.116		<u>26.3</u>
AG.0	Ant.A	Product Specific 10-g 0 mm	SRS CW	100	0	0	Right	662000	3930.00	13.00	12.00	0.037	0.047		30.2

Antenna Group	Antenna	RF Exposure Conditions	Waveform/Modulation	Bandwidth (MHz)	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.0	Ant.C	Product Specific 10-g 0 mm	SRS CW	100	0	0	Bottom	650000	3750.00	13.00	11.51	0.043	0.061		29.1

Wi-Fi 2.4GHz MIMO

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power Ant.1 (dBm)	Measured Power Ant.2 (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D+G	Product Specific 10-g 0 mm	802.11g 6Mbps	0	0	Top	1	2412.0	6.770	89.27%	17.00	16.62	15.20	1.500	2.543		<u>16.9</u>
AG.1	Ant.D+G	Product Specific 10-g 0 mm	802.11g 6Mbps	0	0	Right	1	2412.0	5.330	89.27%	17.00	16.62	15.20	1.210	2.052		17.8

Wi-Fi 5GHz**U-NII 3**

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	155	5775.0	1.090	94.26%	14.00	13.46	0.259	0.311	66	<u>23.0</u>
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Right	155	5775.0	0.621	94.26%	14.00	13.46				

U-NII 4

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Area Scan Max SAR	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Top	171	5855.0	1.570	94.26%	14.00	13.42	0.263	0.319	67	<u>22.9</u>
AG.1	Ant.D	Product Specific 10-g 0 mm	802.11ac VHT80 MCS0	1	0	Right	171	5855.0	0.698	94.26%	14.00	13.42				

Bluetooth

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D	Product Specific 10-g 0 mm	BLE	0	0	Top	37	2402.0	85.03%	16.00	15.29	1.230	1.482		<u>18.2</u>
AG.1	Ant.D	Product Specific 10-g 0 mm	BLE	0	0	Right	37	2402.0	85.03%	16.00	15.29	0.827	0.996		19.9

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Duty Cycle	Tune-up Limit (dBm)	Measured Power (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.G	Product Specific 10-g 0 mm	BLE	0	0	Top	17	2440.0	85.03%	16.00	15.32	1.230	1.472		<u>18.3</u>

Antenna Group	Antenna	RF Exposure Conditions	Mode	DSI	Distance (mm)	Test Position	Channel	Frequency (MHz)	Duty Cycle	Tune-up Limit (dBm)	Measured Power Ant.1 (dBm)	Measured Power Ant.2 (dBm)	Measured SAR 10-g (W/kg)	Reported SAR 10-g (W/kg)	Plot No.	Part0 Plimit
AG.1	Ant.D+G	Product Specific 10-g 0 mm	BDR	0	0	Top	0	2402.0	76.61%	15.00	13.15	14.91	0.410	0.647		<u>20.8</u>
AG.1	Ant.D+G	Product Specific 10-g 0 mm	BDR	0	0	Right	0	2402.0	76.61%	15.00	13.15	14.91	0.126	0.199		25.9

Notes:

- The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
- Measured Output power refer to Sec.9 in **parent model [FCC ID : A3LSMF971U]** SAR part.1 report.
- Some bands were determined more conservative P_{limit} instead of calculation P_{limit} .

END OF REPORT