FCC SAR TEST REPORT

FCC ID	:	**2AGOZ-NU4**
Equipment	:	**SMART GLASSES**
Brand Name	:	**Meta**
Model Name	:	**NU4, Aria Gen 2**
Applicant	:	**Meta Platforms Technologies, LLC 1 Hacker Way, Menlo Park, CA 94025, USA**
Manufacturer	:	**Meta Platforms Technologies, LLC 1 Hacker Way, Menlo Park, CA 94025, USA**
Standard	:	**FCC 47 CFR Part 2 (2.1093)**

The product was received on Jan. 09, 2025 and testing was started from Feb. 07, 2025 and completed on Mar. 23, 2025. 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.

Approved by: Cona Huang / Deputy Manager

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

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History of this test report

Report No.	Version	Description	Issued Date
FA472626	01	Initial issue of report	Apr. 28, 2025

1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for Meta Platforms Technologies, LLC, SMART GLASSES, NU4, Aria Gen 2, are as follows.

Equipment Class	Frequency Band	Highest SAR Summary			Highest Simultaneous Transmission 1g SAR (W/kg)	Highest Simultaneous Transmission 10g SAR (W/kg)
		Head (Separation 0mm)	Body-worn (Separation 0mm)	Handheld (Separation 0mm)		
		1g SAR (W/kg)		10g SAR (W/kg)		
DTS	2.4GHz WLAN	0.13	0.28	0.10	1.52	0.32
NII	5GHz WLAN	0.50	1.05	0.21	1.52	0.36
DSS	Bluetooth	0.06	0.11	0.01	1.41	0.33
Date of Testing:		2025/02/07 ~ 2025/03/23				

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 Handheld 10g SAR) specified in FCC 47 CFR part 2 (2.1093) 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. 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 248227 D01 802.11 Wi-Fi SAR v02r02

3. Equipment Under Test (EUT) Information

3.1 General Information

Product Feature & Specification	
Equipment Name	SMART GLASSES
Brand Name	Meta
Model Name	NU4, Aria Gen 2
FCC ID	2AGOZ-NU4
Wireless Technology and Frequency Range	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 Bluetooth: 2400 MHz ~ 2483.5 MHz Sub-G: 903.4 MHz ~ 927.4 MHz
Mode	WLAN: 802.11a/b/g/n/ac/ax HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE Sub-G: 2FSK
HW Version	EVT
EUT Stage	Identical Prototype
Remark: 1. There are six SKUs: SKU 1(LSH), SKU 2(LLH), SKU 3(LSL), SKU 4(SSL), SKU 5(SLL) and SKU 6(SLH). Details on the differences can be found in the Operational Description of Product Equality Declaration, which is exhibited separately. Based on these differences, SKU 1 (LSH) is selected for full testing, while SKU 2(LLH), SKU 3(LSL), SKU 4(SSL), SKU 5(SLL) and SKU 6(SLH) are verified based on these differences.	

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.

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:

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

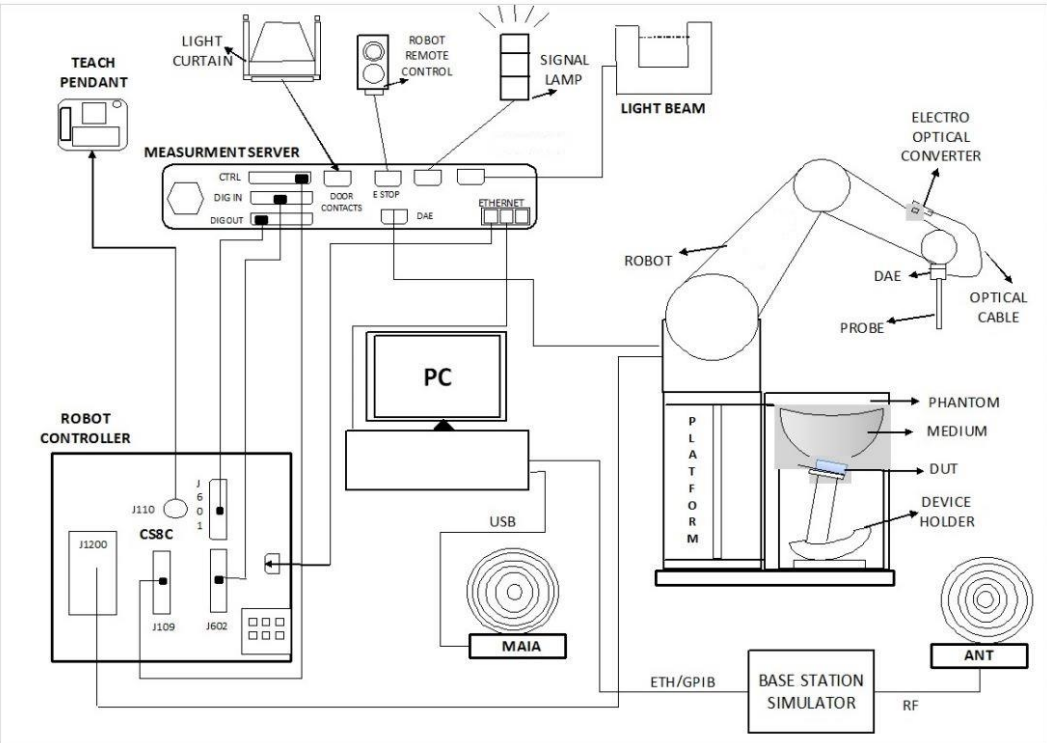
SAR is expressed in units of Watts per kilogram (W/kg)

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

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 v16.4 for RF Exposure testing
- 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	

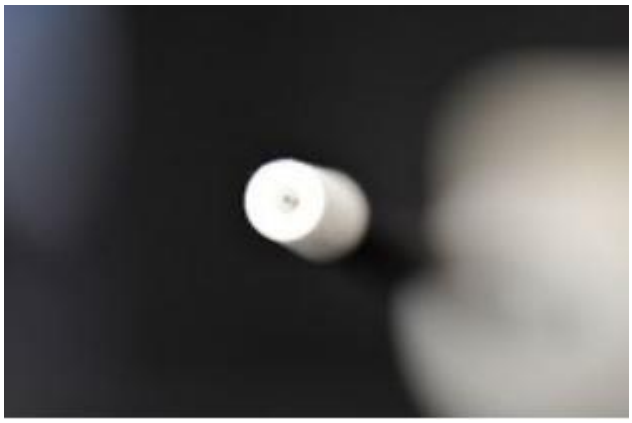
<EX3DV4 Probe>

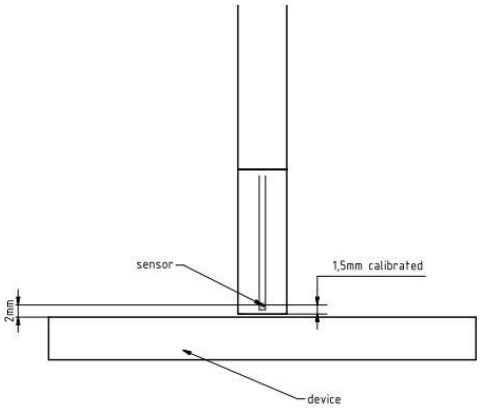
Construction	Symmetric design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Frequency	4 MHz – >6 GHz Linearity: ±0.2 dB (30 MHz – 6 GHz)	
Directivity	±0.3 dB in TSL (rotation around probe axis) ±0.5 dB in TSL (rotation 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 EUmmWave Probe / E-Field 5G Probe

The probe design allows measurements at distances as small as 2 mm from the sensors to the surface of the device under test (DUT). The typical sensor to probe tip distance is 1.5 mm.

Frequency	750 MHz – 110 GHz
Probe Overall Length	320 mm
Probe Body Diameter	8.0 mm
Tip Length	23.0 mm
Tip Diameter	8.0 mm
Probe's two dipoles length	0.9 mm – Diode loaded
Dynamic Range	< 20 V/m - 10000 V/m with PRE-10 (min < 50 V/m - 3000 V/m)
Position Precision	< 0.2 mm
Distance between diode sensors and probe's tip	1.5 mm
Minimum Mechanical separation between probe tip and a Surface	0.5 mm
Applications	E-field measurements of 5G devices and other mm-wave transmitters operating above 10GHz in < 2 mm distance from device (free-space) Power density, H-field and far-field analysis using total field reconstruction.
Compatibility	cDASY6 + 5G-Module SW1.0 and higher





6.4 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.

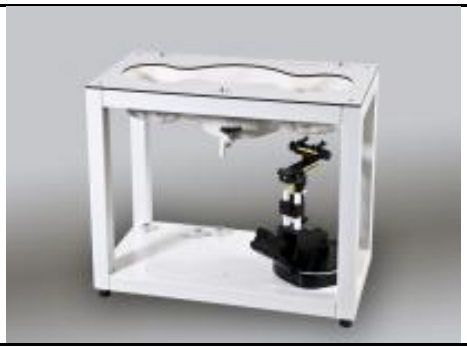
The input impedance of the DAE is 200 MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

Fig 5.1 Photo of DAE

6.5 Phantom

<SAM Twin Phantom>

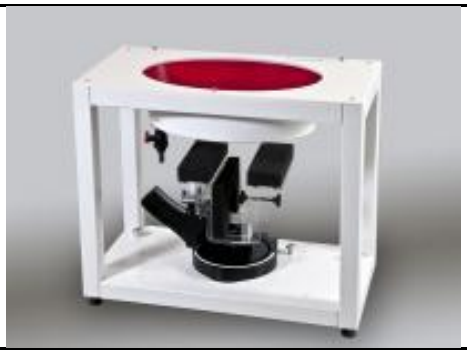
Shell Thickness	2 ± 0.2 mm; Center ear point: 6 ± 0.2 mm
Filling Volume	Approx. 25 liters
Dimensions	Length: 1000 mm; Width: 500 mm; Height: adjustable feet
Measurement Areas	Left Hand, Right Hand, Flat Phantom



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

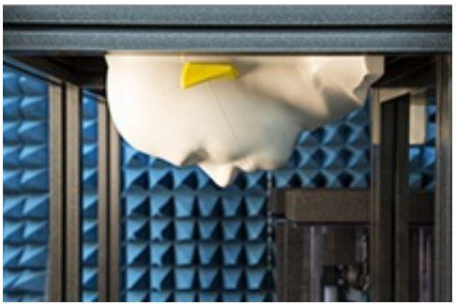


The ELI phantom is intended for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI4 is fully compatible with standard and all known tissue simulating liquids.

<SAM Head-Stand Phantom>

Liquid Compatibility	The phantom shell is compatible with SPEAG's tissue simulating liquids both sugar and oil based. Other liquids may be used however liquids that are corrosive, including liquids containing DGBE, must not be used as they will cause damage to the phantom and render the warranty void (see note or consult SPEAG support).	
Shell Thickness	2 ± 0.2 mm (6 mm at ear point)	
Head Shape	Standard compatible SAM head.	

<SAM Face-Down Phantom>

Liquid Compatibility	The phantom shell is compatible with SPEAG's tissue simulating liquids both sugar and oil-based. Other liquids may be used however liquids that are corrosive, including liquids containing DGBE, must not be used as they will cause damage to the phantom and render the warranty void (see note or consult SPEAG support).	
Shell Thickness	2 ± 0.2 mm (6 mm at ear point)	
Head Shape	Standard compatible SAM head.	

6.6 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	$\leq 1.5 \cdot \Delta z_{Zoom}(n-1)$	
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. Spatial Averaged Power Density Measurement Procedure

A DASY Module mmWave supports “5G Scan”, a fine resolution scan performed on two different planes which is used to reconstruct the E- and H-fields as well as the power density; the average power density is derived from this measurement

8.1 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 devise under test.

8.2 5G Scan

The electric field polarization ellipses are fist computed. Then, a novel plane-to-plane reconstruction algorithm is used to obtain the phase of the measured field. The H-field and Pointing Vector are then computed. The peak spatial averaged power density psPDn+, psPDtot+ and psPDmod+ values are calculated for the user-specified averaging areas with two different averaging geometries: a circle and a rotating square. The steps in the X, Y, and Z directions are specified in terms of fractions of the signal wavelength, lambda. Area Scan Parameters extracted from section 5.1.3 of SPEAG DASY System Handbook.

Frequency [GHz]	Grid step	Grid extent X/Y [mm]	Measurement points
10	0.125 $\left(\frac{\lambda}{8}\right)$	60/60	18×18
30	0.25 $\left(\frac{\lambda}{4}\right)$	60/60	26×26
45	0.25 $\left(\frac{\lambda}{4}\right)$	42/42	28×28
60	0.25 $\left(\frac{\lambda}{4}\right)$	32.5/32.5	28×28
90	0.25 $\left(\frac{\lambda}{4}\right)$	30/30	38×38

8.3 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.
When the drift is larger than ± 5 %, test is repeated from step**1.**

9. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	2450MHz System Validation Kit	D2450V2	736	Aug. 15, 2024	Aug. 14, 2025
SPEAG	2450MHz System Validation Kit(2)	D2450V2	806	Mar. 24, 2022	Mar. 21, 2025
SPEAG	5GHz System Validation Kit	D5GHzV2	1171	Apr. 19, 2024	Apr. 18, 2025
SPEAG	Data Acquisition Electronics	DAE4ip	1823	Jul. 15, 2024	Jul. 14, 2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7822	Sep. 03, 2024	Sep. 02, 2025
Testo	Hygro meter	608-H1	45196600	Oct. 28, 2024	Oct. 27, 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
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. The dipoles are also not physically damaged, or repaired during the interval. The justification data in appendix C can be found which the return loss is < -20dB, within 20% of prior calibration, the impedance is within 5 ohm of prior calibration for each dipole.

10. System Verification

10.1 Tissue Verification

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

<Tissue Dielectric Parameter Check Results>

Frequency (MHz)	Phantom	Liquid Temp. (℃)	Conductivity (σ)	Permittivity (ε_r)	Conductivity Target (σ)	Permittivity Target (ε_r)	Delta (σ) (%)	Delta (ε_r) (%)	Limit (%)	Date
2450	SAM-twin	22.5	1.850	38.900	1.80	39.20	2.78	-0.77	±5	2025/2/7
2450	SAM-twin	22.2	1.800	38.800	1.80	39.20	0.00	-1.02	±5	2025/3/19
2450	SAM-twin	22.3	1.790	38.700	1.80	39.20	-0.56	-1.28	±5	2025/3/20
2450	SAM-twin	22.2	1.770	38.500	1.80	39.20	-1.67	-1.79	±5	2025/3/21
5250	SAM-twin	22.6	4.690	36.800	4.71	35.95	-0.42	2.36	±5	2025/2/8
5250	SAM-twin	22.5	4.760	36.100	4.71	35.95	1.06	0.42	±5	2025/2/10
5250	SAM-twin	22.5	4.790	36.500	4.71	35.95	1.70	1.53	±5	2025/2/11
5250	SAM-twin	22.4	4.580	35.400	4.71	35.95	-2.76	-1.53	±5	2025/2/14
5250	SAM-twin	22.3	4.620	35.500	4.71	35.95	-1.91	-1.25	±5	2025/3/15
5250	SAM-twin	22.5	4.570	35.400	4.71	35.95	-2.97	-1.53	±5	2025/3/17
5600	SAM-twin	22.6	5.100	36.100	5.07	35.50	0.59	1.69	±5	2025/2/8
5600	SAM-twin	22.5	5.190	35.400	5.07	35.50	2.37	-0.28	±5	2025/2/10
5600	SAM-twin	22.5	5.220	35.800	5.07	35.50	2.96	0.85	±5	2025/2/11
5600	SAM-twin	22.4	4.970	34.800	5.07	35.50	-1.97	-1.97	±5	2025/2/14
5600	SAM-twin	22.3	5.010	34.900	5.07	35.50	-1.18	-1.69	±5	2025/3/15
5600	SAM-twin	22.6	4.950	34.700	5.07	35.50	-2.37	-2.25	±5	2025/3/18
5800	SAM-twin	22.6	5.350	35.700	5.27	35.30	1.52	1.13	±5	2025/2/8
5800	SAM-twin	22.5	5.450	35.100	5.27	35.30	3.42	-0.57	±5	2025/2/10
5800	SAM-twin	22.2	5.190	34.500	5.27	35.30	-1.52	-2.27	±5	2025/3/16
5800	SAM-twin	22.4	5.170	34.400	5.27	35.30	-1.90	-2.55	±5	2025/3/23
2450	Head Stand_Left(90) at C	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Head Stand_Right(90) at C	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
5800	Head Stand_Left(90) at C	22.5	5.490	35.500	5.27	35.30	4.17	0.57	±5	2025/2/11
5800	Head Stand_Right(90) at C	22.5	5.490	35.500	5.27	35.30	4.17	0.57	±5	2025/2/11
2450	Face Down_Left(0) at F	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Left(90) at F	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Right(0) at F	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Right(90) at F	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
5800	Face Down_Left(90) at I	22.3	5.190	34.500	5.27	35.30	-1.52	-2.27	±5	2025/2/14
5800	Face Down_Right(90) at I	22.3	5.190	34.500	5.27	35.30	-1.52	-2.27	±5	2025/2/14
2450	Face Down_Left(0) at C	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Left(90) at C	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Right(0) at C	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Right(90) at C	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Left(0) at H	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Left(90) at H	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Right(0) at H	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12
2450	Face Down_Right(90) at H	22.4	1.810	39.400	1.80	39.20	0.56	0.51	±5	2025/2/12

10.2 System Performance Check Results

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

<System Check Results at SAM-twin Phantom>

Test Site	Phantom	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 (dB)	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (dB)
SAR-10	SAM-twin	2025/2/7	2450	50	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	2.620	52.700	52.4	-0.02	1.240	24.400	24.8	0.07
SAR-10	SAM-twin	2025/3/19	2450	50	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	2.670	51.400	53.4	0.17	1.260	24.200	25.2	0.18
SAR-10	SAM-twin	2025/3/20	2450	50	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	2.680	51.400	53.6	0.18	1.270	24.200	25.4	0.21
SAR-10	SAM-twin	2025/3/21	2450	50	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	2.620	51.400	52.4	0.08	1.240	24.200	24.8	0.11
SAR-10	SAM-twin	2025/2/8	5250	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.680	78.700	73.6	-0.29	1.100	22.700	22	-0.14
SAR-10	SAM-twin	2025/2/10	5250	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.560	78.700	71.2	-0.43	1.030	22.700	20.6	-0.42
SAR-10	SAM-twin	2025/2/11	5250	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.600	78.700	72	-0.39	1.030	22.700	20.6	-0.42
SAR-10	SAM-twin	2025/2/14	5250	100	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	7.570	78.700	75.7	-0.17	2.160	22.700	21.6	-0.22
SAR-10	SAM-twin	2025/3/15	5250	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.660	78.700	73.2	-0.31	1.060	22.700	21.2	-0.30
SAR-10	SAM-twin	2025/3/17	5250	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.740	78.700	74.8	-0.22	1.080	22.700	21.6	-0.22
SAR-10	SAM-twin	2025/2/8	5600	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.880	81.400	77.6	-0.21	1.080	23.400	21.6	-0.35
SAR-10	SAM-twin	2025/2/10	5600	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	4.010	81.400	80.2	-0.06	1.140	23.400	22.8	-0.11
SAR-10	SAM-twin	2025/2/11	5600	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.970	81.400	79.4	-0.11	1.070	23.400	21.4	-0.39
SAR-10	SAM-twin	2025/2/14	5600	100	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	8.180	81.400	81.8	0.02	2.330	23.400	23.3	-0.02
SAR-10	SAM-twin	2025/3/15	5600	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	4.060	81.400	81.2	-0.01	1.150	23.400	23	-0.07
SAR-10	SAM-twin	2025/3/18	5600	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	4.100	81.400	82	0.03	1.160	23.400	23.2	-0.04
SAR-10	SAM-twin	2025/2/8	5800	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.690	78.900	73.8	-0.29	1.040	22.400	20.8	-0.32
SAR-10	SAM-twin	2025/2/10	5800	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.880	78.900	77.6	-0.07	1.060	22.400	21.2	-0.24
SAR-10	SAM-twin	2025/3/16	5800	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.800	78.900	76	-0.16	1.080	22.400	21.6	-0.16
SAR-10	SAM-twin	2025/3/23	5800	50	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	3.920	78.900	78.4	-0.03	1.110	22.400	22.2	-0.04

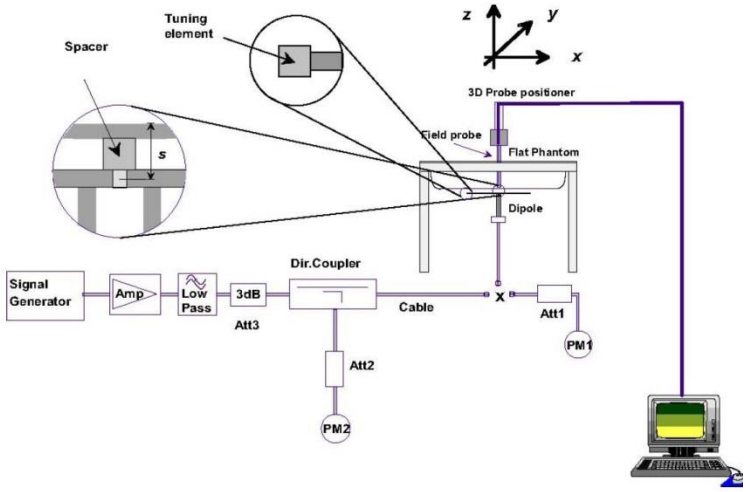


Fig 8.3.1 System Performance Check Setup

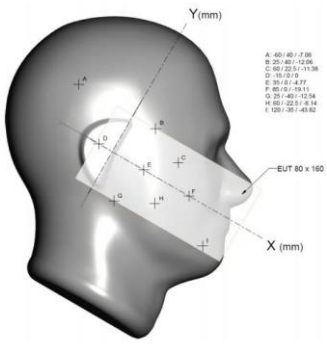
Fig 8.3.2 Setup Photo

<System Check Results under SAM Head-Stand Phantom>

Mount SAM Head-Stand Phantom System Validation Masks provided by SPEAG on the faces and mark Reference Point B

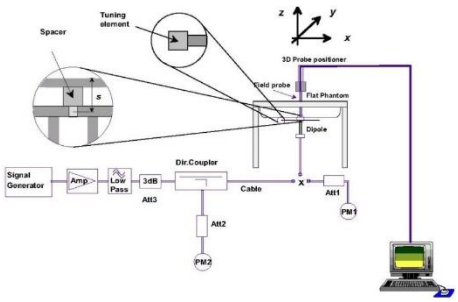
Comparing to the original SAR value provided by SPEAG, the verification data should be within its specification of 1.2dB under the SAM Head-stand Phantom. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion and the plots can be referred to Appendix A of this report.

Test Site	Phantom	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 (dB)	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (dB)
SAR-10	Head Stand_Left(90) at C	2025/2/12	2450	250	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	14.000	54.800	56	0.09	6.320	24.900	25.28	0.07
SAR-10	Head Stand_Right(90) at C	2025/2/12	2450	250	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	12.200	54.800	48.8	-0.50	5.710	24.900	22.84	-0.38
SAR-10	Head Stand_Left(90) at C	2025/2/11	5800	100	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	1.610	17.100	16.1	-0.26	0.582	5.970	5.82	-0.11
SAR-10	Head Stand_Right(90) at C	2025/2/11	5800	100	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	1.430	17.100	14.3	-0.78	0.504	5.970	5.04	-0.74



SAM Face-Down Reference Point

Setup Photo at SAM Face-Down Phantom



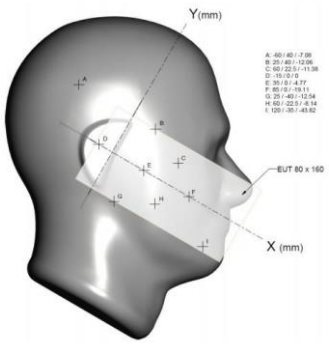
System Performance Check Setup

<System Check Results under SAM Face-Down Phantom>

Mount SAM Face-Down Phantom System Validation Masks provided by SPEAG on both faces (Left/Right) and mark Reference Point F.

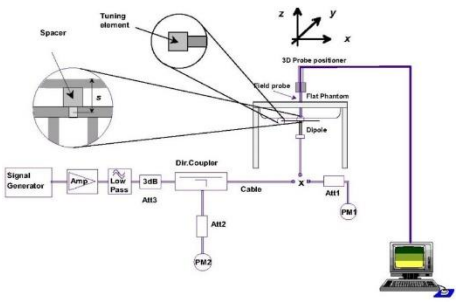
Comparing to the original SAR value provided by SPEAG, the verification data should be within its specification of 1.2dB under the SAM Face-Down Phantom. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion and the plots can be referred to Appendix A of this report.

Test Site	Frequency (MHz)	Phantom	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 (dB)	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (dB)
SAR-10	2450	Face Down_Left(0) at F	2025/2/12	2450	250	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	14.300	53.200	57.2	0.31	6.570	24.000	26.28	0.39
SAR-10	2450	Face Down_Left(90) at F	2025/2/12	2450	250	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	14.700	54.800	58.8	0.31	6.720	24.900	26.88	0.33
SAR-10	2450	Face Down_Right(0) at F	2025/2/12	2450	250	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	13.900	53.200	55.6	0.19	6.470	24.000	25.88	0.33
SAR-10	2450	Face Down_Right(90) at F	2025/2/12	2450	250	D2450V2-736	EX3DV4 - SN7822	DAE4ip Sn1823	14.300	54.800	57.2	0.19	6.640	24.900	26.56	0.28
SAR-10	5800	Face Down_Left(90) at I	2025/2/14	5800	100	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	1.870	15.600	18.7	0.79	0.672	5.730	6.72	0.69
SAR-10	5800	Face Down_Right(90) at I	2025/2/14	5800	100	D5GHzV2-1171	EX3DV4 - SN7822	DAE4ip Sn1823	1.970	15.600	19.7	1.01	0.724	5.730	7.24	1.02
SAR-10	2450	Face Down_Left(0) at C	2025/2/12	2450	250	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	14.900	52.800	59.6	0.53	6.940	24.400	27.76	0.56
SAR-10	2450	Face Down_Left(90) at C	2025/2/12	2450	250	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	14.100	54.800	56.4	0.12	6.620	24.800	26.48	0.28
SAR-10	2450	Face Down_Right(0) at C	2025/2/12	2450	250	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	13.300	52.800	53.2	0.03	6.320	24.400	25.28	0.15
SAR-10	2450	Face Down_Right(90) at C	2025/2/12	2450	250	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	14.000	54.800	56	0.09	6.680	24.800	26.72	0.32
SAR-10	2450	Face Down_Left(0) at H	2025/2/12	2450	250	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	15.200	51.400	60.8	0.73	6.950	23.500	27.8	0.73
SAR-10	2450	Face Down_Left(90) at H	2025/2/12	2450	250	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	13.200	56.000	52.8	-0.26	6.160	27.500	24.64	-0.48
SAR-10	2450	Face Down_Right(0) at H	2025/2/12	2450	250	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	12.800	51.400	51.2	-0.02	6.060	23.500	24.24	0.13
SAR-10	2450	Face Down_Right(90) at H	2025/2/12	2450	250	D2450V2-806	EX3DV4 - SN7822	DAE4ip Sn1823	14.100	56.000	56.4	0.03	6.590	27.500	26.36	-0.18



SAM Face-Down Reference Point

Setup Photo at SAM Face-Down Phantom



System Performance Check Setup

11. WiFi/BT/Sub-G Output Power (Unit: dBm)

General Note:

1. The Six sku support the same tune-up limit for each wireless mode for WLAN and Bluetooth, and only LSH sku power show the complete support modulation, other sku power table only show the required test modulation.
2. For each antenna, transmit power in SISO operation is larger than (or equal to) the power in MIMO operation, RF exposure compliance of MIMO mode can be deduced from the compliance simultaneous transmission of antennas operating in SISO mode.
3. Per KDB 248227 D01v02r02, the simultaneous SAR provisions in KDB publication 447498 should be applied to determine simultaneous transmission SAR test exclusion for WiFi MIMO. If the sum of 1g single transmission chain SAR measurements is < 1.6W/kg and SAR peak to location ratio ≤ 0.04, no additional SAR measurements for MIMO.
4. The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures. For “Not required”, SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, additional output power measurements were not necessary.
5. Per KDB 248227 D01v02r02, SAR test reduction is determined according to 802.11 transmission mode configurations and certain exposure conditions with multiple test positions. In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. For OFDM, in both 2.4 and 5 GHz bands, an initial test configuration must be determined for each standalone and aggregated frequency band, according to the transmission mode configuration with the highest maximum output power specified for production units to perform SAR measurements. If the same highest maximum output power applies to different combinations of channel bandwidths, modulations and data rates, additional procedures are applied to determine which test configurations require SAR measurement. When applicable, an initial test position may be applied to reduce the number of SAR measurements required for next to the ear, UMPC mini-tablet or hotspot mode configurations with multiple test positions.
6. For 2.4 GHz 802.11b DSSS, either the initial test position procedure for multiple exposure test positions or the DSSS procedure for fixed exposure position is applied; these are mutually exclusive. For 2.4 GHz and 5 GHz OFDM configurations, the initial test configuration is applied to measure SAR using either the initial test position procedure for multiple exposure test position configurations or the initial test configuration procedures for fixed exposure test conditions. Based on the reported SAR of the measured configurations and maximum output power of the transmission mode configurations that are not included in the initial test configuration, the subsequent test configuration and initial test position procedures are applied to determine if SAR measurements are required for the remaining OFDM transmission configurations. In general, the number of test channels that require SAR measurement is minimized based on maximum output power measured for the test sample(s).
7. For OFDM transmission configurations in the 2.4 GHz and 5 GHz bands, When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel for each frequency band.
8. DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures.18 The initial test position procedure is described in the following:
    a. When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band.
    b. 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.
    c. 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.
9. Per 201904 TCBC workshops, General principles of FCC KDB Publication 248227 D01 can be applied to determine the SAR Initial Test Configurations and test reduction for 802.11ax SAR testing. For the table below the 802.11ax maximum power is SU (non-OFDMA), and the SU maximum power also higher than RU (OFDMA)
10. In applying the test guidance, the IEEE 802.11 mode with the maximum output power (out of all modes) should be considered for testing
11. For modes with the same maximum output power, the guidance from section 5.3.2 a) of FCC KDB Publication 248227 D01 should be applied, with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency bands
12. When SAR testing for 802.11ax is required
    a. If the maximum output power is highest for OFDMA scenarios, choose the tone size with the maximum number of tones and the highest maximum output power
    b. Otherwise, consider the fully allocated channel for SAR testing
    c. When SAR testing is required on RU sizes less than the fully allocated channel, use the RU number closest to the middle of the channel, choosing the higher RU number when two RUs are equidistant to the middle of the channel

<LLH>

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.70	19.00	98.37	18.00	19.00	98.23
		6	2437	17.80	19.00		18.10	19.00	
		11	2462	17.40	19.00		17.90	19.00	
		12	2467	15.60	17.00		15.70	17.00	
		13	2472	13.40	14.50		13.50	14.50	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	15.90	17.00	99.15	15.40	17.00	99.10
		56	5280	16.00	17.00		15.50	17.00	
		60	5300	15.60	17.00		15.20	17.00	
		64	5320	15.70	17.00		15.30	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.50	17.00	99.15	15.40	17.00	99.10
		116	5580	15.80	17.00		15.60	17.00	
		124	5620	15.60	17.00		15.40	17.00	
		132	5660	15.70	17.00		15.20	17.00	
		140	5700	15.70	17.00		15.30	17.00	
		144	5720	15.60	17.00		15.20	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.90	17.00	99.15	15.60	17.00	99.10
		157	5785	16.00	17.00		15.70	17.00	
		165	5825	15.80	17.00		15.50	17.00	

<LSH>

				Ant 0			Ant 1			Ant 0+1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.60	19.00	98.37	17.90	19.00	98.23	Not Required	22.00	Not Required
		6	2437	17.70	19.00		18.00	19.00			22.00	
		11	2462	17.30	19.00		17.80	19.00			22.00	
		12	2467	15.50	17.00		15.60	17.00			20.00	
		13	2472	13.30	14.50		13.40	14.50			17.50	
	802.11g 6Mbps	1	2412	Not Required	18.00	Not Required	Not Required	18.00	Not Required		21.00	
		6	2437		18.00			18.00			21.00	
		11	2462		16.50			16.50			19.50	
		12	2467		12.00			12.00			15.00	
		13	2472		2.50			2.50			5.50	
	802.11n-HT20 MCS0	1	2412		18.00			18.00			21.00	
		6	2437		18.00			18.00			21.00	
		11	2462		15.00			15.00			18.00	
		12	2467		12.00			12.00			15.00	
		13	2472		2.00			2.00			5.00	
	802.11ac-VHT20 MCS0	1	2412		18.00			18.00			21.00	
		6	2437		18.00			18.00			21.00	
		11	2462		15.00			15.00			18.00	
		12	2467		12.00			12.00			15.00	
		13	2472		2.00			2.00			5.00	
	802.11ax-HE20 MCS0	1	2412		18.00			18.00			21.00	
		6	2437		18.00			18.00			21.00	
		11	2462		16.00			16.00			19.00	
		12	2467		16.00			16.00			19.00	
		13	2472		6.00			6.00			9.00	

				Ant 0			Ant 1			Ant 0+1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	17.00	Not Required	Not Required	17.00	Not Required	Not Required	20.00	Not Required
		40	5200		17.00			17.00			20.00	
		44	5220		17.00			17.00			20.00	
		48	5240		17.00			17.00			20.00	
	802.11n-HT20 MCS0	36	5180		16.00			16.00			19.00	
		40	5200		16.00			16.00			19.00	
		44	5220		16.00			16.00			19.00	
		48	5240		16.00			16.00			19.00	
	802.11n-HT40 MCS0	38	5190		14.00			14.00			17.00	
		46	5230		14.00			14.00			17.00	
	802.11ac-VHT20 MCS0	36	5180		16.00			16.00			19.00	
		40	5200		16.00			16.00			19.00	
		44	5220		16.00			16.00			19.00	
		48	5240		16.00			16.00			19.00	
	802.11ac-VHT40 MCS0	38	5190		15.00			15.00			18.00	
		46	5230		15.00			15.00			18.00	
	802.11ac-VHT80 MCS0	42	5210		15.00			15.00			18.00	
	802.11ax-HE20 MCS0	36	5180		16.00			16.00			19.00	
		40	5200		16.00			16.00			19.00	
		44	5220		16.00			16.00			19.00	
		48	5240		16.00			16.00			19.00	
	802.11ax-HE40 MCS0	38	5190		15.00			15.00			18.00	
		46	5230		15.00			15.00			18.00	
	802.11ax-HE80 MCS0	42	5210		15.00			15.00			18.00	

				Ant 0			Ant 1			Ant 0+1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	15.80	17.00	99.15	15.30	17.00	99.10	Not Required	20.00	Not Required
		56	5280	15.90	17.00		15.40	17.00			20.00	
		60	5300	15.50	17.00		15.10	17.00			20.00	
		64	5320	15.60	17.00		15.20	17.00			20.00	
	802.11n-HT20 MCS0	52	5260	Not Required	16.00	Not Required	Not Required	16.00	Not Required		19.00	
		56	5280		16.00			16.00			19.00	
		60	5300		16.00			16.00			19.00	
		64	5320		16.00			16.00			19.00	
	802.11n-HT40 MCS0	54	5270		15.00			15.00			18.00	
		62	5310		15.00			15.00			18.00	
	802.11ac-VHT20 MCS0	52	5260		16.00			16.00			19.00	
		56	5280		16.00			16.00			19.00	
		60	5300		16.00			16.00			19.00	
		64	5320		16.00			16.00			19.00	
	802.11ac-VHT40 MCS0	54	5270		15.00			15.00			18.00	
		62	5310		15.00			15.00			18.00	
	802.11ac-VHT80 MCS0	58	5290		15.00			15.00			18.00	
	802.11ac-VHT160 MCS0	50	5250		15.00			15.00			18.00	
	802.11ax-HE20 MCS0	52	5260		16.00			16.00			19.00	
		56	5280		16.00			16.00			19.00	
		60	5300		16.00			16.00			19.00	
		64	5320		16.00			16.00			19.00	
	802.11ax-HE40 MCS0	54	5270		15.00			15.00			18.00	
		62	5310		15.00			15.00			18.00	
	802.11ax-HE80 MCS0	58	5290		15.00			15.00			18.00	
	802.11ax-HE160 MCS0	50	5250		15.00			15.00			18.00	

				Ant 0			Ant 1			Ant 0+1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.40	17.00	99.15	15.30	17.00	99.10	Not Required	20.00	Not Required
		116	5580	15.70	17.00		15.40	17.00			20.00	
		124	5620	15.50	17.00		15.20	17.00			20.00	
		132	5660	15.60	17.00		15.10	17.00			20.00	
		140	5700	15.60	17.00		15.20	17.00			20.00	
		144	5720	15.50	17.00		15.10	17.00			20.00	
	802.11n-HT20 MCS0	100	5500	Not Required	16.00	Not Required	Not Required	16.00	Not Required		19.00	
		116	5580		16.00			16.00			19.00	
		124	5620		16.00			16.00			19.00	
		132	5660		16.00			16.00			19.00	
		140	5700		16.00			16.00			19.00	
		144	5720		16.00			16.00			19.00	
	802.11n-HT40 MCS0	102	5510		14.00			14.00			17.00	
		110	5550		14.00			14.00			17.00	
		126	5630		14.00			14.00			17.00	
		134	5670		14.00			14.00			17.00	
		142	5710		14.00			14.00			17.00	
	802.11ac-VHT20 MCS0	100	5500		16.00			16.00			19.00	
		116	5580		16.00			16.00			19.00	
		124	5620		16.00			16.00			19.00	
		132	5660		16.00			16.00			19.00	
		140	5700		16.00			16.00			19.00	
		144	5720		16.00			16.00			19.00	
	802.11ac-VHT40 MCS0	102	5510		14.00			14.00			17.00	
		110	5550		14.00			14.00			17.00	
		126	5630		14.00			14.00			17.00	
		134	5670		14.00			14.00			17.00	
		142	5710		14.00			14.00			17.00	
	802.11ac-VHT80 MCS0	106	5530		14.00			14.00			17.00	
		122	5610		14.00			14.00			17.00	
		138	5690		14.00			14.00			17.00	
	802.11ac-VHT160 MCS0	114	5570		14.00			14.00			17.00	
	802.11ax-HE20 MCS0	100	5500		16.00			16.00			19.00	
		116	5580		16.00			16.00			19.00	
		124	5620		16.00			16.00			19.00	
		132	5660		16.00			16.00			19.00	
		140	5700		16.00			16.00			19.00	
		144	5720		16.00			16.00			19.00	
	802.11ax-HE40 MCS0	102	5510		14.00			14.00			17.00	
		110	5550		14.00			14.00			17.00	
		126	5630		14.00			14.00			17.00	
		134	5670		14.00			14.00			17.00	
		142	5710		14.00			14.00			17.00	
	802.11ax-HE80 MCS0	106	5530		14.00			14.00			17.00	
		122	5610		14.00			14.00			17.00	
		138	5690		14.00			14.00			17.00	
	802.11ax-HE160 MCS0	114	5570		14.00			14.00			17.00	

				Ant 0			Ant 1			Ant 0+1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.80	17.00	99.15	15.50	17.00	99.10	Not Required	20.00	Not Required
		157	5785	15.90	17.00		15.60	17.00			20.00	
		165	5825	15.70	17.00		15.40	17.00			20.00	
	802.11n-HT20 MCS0	149	5745	Not Required	16.00	Not Required	Not Required	16.00	Not Required		19.00	
		157	5785		16.00			16.00			19.00	
		165	5825		16.00			16.00			19.00	
	802.11n-HT40 MCS0	151	5755		14.00			14.00			17.00	
		159	5795		14.00			14.00			17.00	
	802.11ac-VHT20 MCS0	149	5745		16.00			16.00			19.00	
		157	5785		16.00			16.00			19.00	
		165	5825		16.00			16.00			19.00	
	802.11ac-VHT40 MCS0	151	5755		14.00			14.00			17.00	
		159	5795		14.00			14.00			17.00	
	802.11ac-VHT80 MCS0	155	5775		14.00			14.00			17.00	
	802.11ax-HE20 MCS0	149	5745		16.00			16.00			19.00	
		157	5785		16.00			16.00			19.00	
		165	5825		16.00			16.00			19.00	
	802.11ax-HE40 MCS0	151	5755		14.00			14.00			17.00	
		159	5795		14.00			14.00			17.00	
	802.11ax-HE80 MCS0	155	5775		14.00			14.00			17.00	

<LSL>

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.80	19.00	98.37	18.10	19.00	98.23
		6	2437	17.90	19.00		18.20	19.00	
		11	2462	17.50	19.00		18.00	19.00	
		12	2467	15.70	17.00		15.80	17.00	
		13	2472	13.50	14.50		13.60	14.50	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.00	17.00	99.15	15.50	17.00	99.10
		56	5280	16.10	17.00		15.60	17.00	
		60	5300	15.70	17.00		15.30	17.00	
		64	5320	15.80	17.00		15.40	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.60	17.00	99.15	15.50	17.00	99.10
		116	5580	15.90	17.00		15.80	17.00	
		124	5620	15.70	17.00		15.60	17.00	
		132	5660	15.80	17.00		15.30	17.00	
		140	5700	15.80	17.00		15.40	17.00	
		144	5720	15.70	17.00		15.30	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	16.00	17.00	99.15	15.70	17.00	99.10
		157	5785	16.10	17.00		15.80	17.00	
		165	5825	15.90	17.00		15.60	17.00	

<SLH>

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.70	19.00	98.37	18.00	19.00	98.23
		6	2437	17.80	19.00		18.10	19.00	
		11	2462	17.40	19.00		17.90	19.00	
		12	2467	15.60	17.00		15.70	17.00	
		13	2472	13.40	14.50		13.50	14.50	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	15.90	17.00	99.15	15.40	17.00	99.10
		56	5280	16.00	17.00		15.50	17.00	
		60	5300	15.60	17.00		15.20	17.00	
		64	5320	15.70	17.00		15.30	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.50	17.00	99.15	15.40	17.00	99.10
		116	5580	15.80	17.00		15.60	17.00	
		124	5620	15.60	17.00		15.40	17.00	
		132	5660	15.70	17.00		15.20	17.00	
		140	5700	15.70	17.00		15.30	17.00	
		144	5720	15.60	17.00		15.20	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.90	17.00	99.15	15.60	17.00	99.10
		157	5785	16.00	17.00		15.70	17.00	
		165	5825	15.80	17.00		15.50	17.00	

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				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.60	19.00	98.37	17.90	19.00	98.23
		6	2437	17.70	19.00		18.00	19.00	
		11	2462	17.30	19.00		17.80	19.00	
		12	2467	15.50	17.00		15.60	17.00	
		13	2472	13.30	14.50		13.40	14.50	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	15.80	17.00	99.15	15.30	17.00	99.10
		56	5280	15.90	17.00		15.40	17.00	
		60	5300	15.50	17.00		15.10	17.00	
		64	5320	15.60	17.00		15.20	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.40	17.00	99.15	15.30	17.00	99.10
		116	5580	15.70	17.00		15.40	17.00	
		124	5620	15.50	17.00		15.20	17.00	
		132	5660	15.60	17.00		15.10	17.00	
		140	5700	15.60	17.00		15.20	17.00	
		144	5720	15.50	17.00		15.10	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.80	17.00	99.15	15.50	17.00	99.10
		157	5785	15.90	17.00		15.60	17.00	
		165	5825	15.70	17.00		15.40	17.00	

<SSL>

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.50	19.00	98.37	17.80	19.00	98.23
		6	2437	17.60	19.00		17.90	19.00	
		11	2462	17.20	19.00		17.70	19.00	
		12	2467	15.40	17.00		15.50	17.00	
		13	2472	13.20	14.50		13.30	14.50	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	15.70	17.00	99.15	15.20	17.00	99.10
		56	5280	15.80	17.00		15.30	17.00	
		60	5300	15.40	17.00		15.00	17.00	
		64	5320	15.50	17.00		15.10	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.30	17.00	99.15	15.20	17.00	99.10
		116	5580	15.60	17.00		15.20	17.00	
		124	5620	15.40	17.00		15.00	17.00	
		132	5660	15.50	17.00		15.00	17.00	
		140	5700	15.50	17.00		15.10	17.00	
		144	5720	15.40	17.00		15.00	17.00	

				Ant 0			Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.70	17.00	99.15	15.40	17.00	99.10
		157	5785	15.80	17.00		15.50	17.00	
		165	5825	15.60	17.00		15.30	17.00	

<Sub-G>

Sub-G	Channel	Frequency (MHz)	Tune-Up Limit
	10	903.4	10.00
	25	915.4	10.00
	40	927.4	10.00

General Note:

1. Per KDB 447498 D01v06 section 4.3.1,a), the Sub-SAR exclusion value is 1.93 which is less them exemption limit of 3, therefore, the Sub-SAR is exemption from testing.

<2.4GHz Bluetooth>

<LLH>

				Ant 0			Ant 1		
Bluetooth	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	BR / EDR 1Mbps	0	2402	9.10	10.00	76.93	8.50	10.00	76.93
		39	2441	10.00	10.00		9.30	10.00	
		78	2480	10.00	10.00		9.30	10.00	

<LSH>

				Ant 0			Ant 1		
Bluetooth	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	BR / EDR 1Mbps	0	2402	9.00	10.00	76.93	8.40	10.00	76.93
		39	2441	9.90	10.00		9.20	10.00	
		78	2480	9.90	10.00		9.20	10.00	
	BR / EDR 2Mbps	0	2402	Not Required	10.00	Not Required	Not Required	10.00	Not Required
		39	2441		10.00			10.00	
		78	2480		10.00			10.00	
	BR / EDR 3Mbps	0	2402		10.00			10.00	
		39	2441		10.00			10.00	
		78	2480		10.00			10.00	
	LE 1Mbps	0	2402		9.00			9.00	
		19	2440		9.00			9.00	
		39	2480		9.00			9.00	
	LE 2Mbps	0	2402		9.00			9.00	
		19	2440		9.00			9.00	
		39	2480		9.00			9.00	

<LSL>

				Ant 0			Ant 1		
Bluetooth	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	BR / EDR 1Mbps	0	2402	9.20	10.00	76.93	8.60	10.00	76.93
		39	2441	10.00	10.00		9.40	10.00	
		78	2480	10.00	10.00		9.40	10.00	

<SLH>

				Ant 0			Ant 1		
Bluetooth	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	BR / EDR 1Mbps	0	2402	9.10	10.00	76.93	8.50	10.00	76.93
		39	2441	9.90	10.00		9.30	10.00	
		78	2480	9.90	10.00		9.30	10.00	

<SLL>

				Ant 0			Ant 1		
Bluetooth	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	BR / EDR 1Mbps	0	2402	9.00	10.00	76.93	8.40	10.00	76.93
		39	2441	9.80	10.00		9.20	10.00	
		78	2480	9.80	10.00		9.20	10.00	

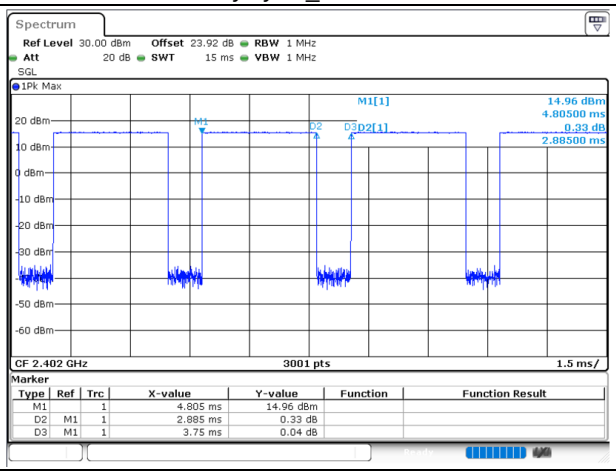
<SSL>

				Ant 0			Ant 1		
Bluetooth	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	BR / EDR 1Mbps	0	2402	8.90	10.00	76.93	8.30	10.00	76.93
		39	2441	9.70	10.00		9.10	10.00	
		78	2480	9.70	10.00		9.10	10.00	

General Note:

1. For 2.4GHz Bluetooth SAR Ant 0 / Ant 1 testing was selected 1Mbps due to its highest average power and duty cycle is 76.93% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.

BT Duty cycle_ Ant 0 / Ant 1



12. SAR Test Results

General Note:

2. 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 WLAN/Bluetooth: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor
3. 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
4. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg.
5. The device supports dual band simultaneous for 2.4GHz and 5GHz WLAN, Sim-Tx analysis include in section 13.

WLAN Note:

1. The Ant 0 = left ant, ant1 = right ant.
2. 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.
3. 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.
4. 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.
5. 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.
6. For WLAN SAR testing was performed on single antenna RF power in SISO mode is larger or equal to the single antenna RF power in MIMO mode, and for RF exposure assessment of MIMO mode simultaneous transmission exclusion analysis was performed with SAR test results of each antenna in SISO mode.
7. Per KDB 248227 D01v02r02, the simultaneous SAR provisions in KDB publication 447498 should be applied to determine simultaneous transmission SAR test exclusion for WiFi MIMO. If the sum of 1g single transmission chain SAR measurements is < 1.6W/kg and SAR peak to location ratio ≤ 0.04, no additional SAR measurements for MIMO.
8. During SAR testing the WLAN transmission was verified using a spectrum analyzer.

12.1 Head SAR

<Face-worn Exposure Condition with Face-down Phantom>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 0	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0.17	0.057	0.078
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 0	LLH	6	2437	17.80	19.00	1.318	98.37	1.017	-0.15	0.054	0.072
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 0	LSL	6	2437	17.90	19.00	1.288	98.37	1.017	0.1	0.050	0.066
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 0	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	-0.15	0.052	0.073
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 0	SLL	6	2437	17.70	19.00	1.349	98.37	1.017	-0.16	0.048	0.066
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 0	SLH	6	2437	17.80	19.00	1.318	98.37	1.017	0	0.042	0.056
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 1	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0.1	0.048	0.062
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 1	LLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.19	0.040	0.050
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 1	LSL	6	2437	18.20	19.00	1.202	98.23	1.018	-0.06	0.045	0.055
01	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 1	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0.19	0.084	0.110
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 1	SLL	6	2437	18.00	19.00	1.259	98.23	1.018	0.13	0.080	0.103
	WLAN2.4GHz	802.11b 1Mbps	Face-Worn	0mm	Ant 1	SLH	6	2437	18.10	19.00	1.230	98.23	1.018	-0.04	0.075	0.094
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.07	0.057	0.074
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.19	0.052	0.066
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LSL	56	5280	16.10	17.00	1.230	99.15	1.009	0	0.055	0.068
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0.09	0.091	0.121
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SLL	56	5280	15.90	17.00	1.288	99.15	1.009	0.06	0.084	0.109
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.15	0.086	0.109
02	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.11	0.142	0.207
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.13	0.132	0.188
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LSL	56	5280	15.60	17.00	1.380	99.1	1.009	0.03	0.138	0.192
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	-0.06	0.101	0.151
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SLL	56	5280	15.40	17.00	1.445	99.1	1.009	0.01	0.092	0.134
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.19	0.084	0.120

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0.09	0.046	0.063
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LLH	116	5580	15.80	17.00	1.318	99.15	1.009	-0.09	0.043	0.057
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LSL	116	5580	15.90	17.00	1.288	99.15	1.009	0.13	0.032	0.042
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	-0.15	0.156	0.217
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SLL	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.152	0.207
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SLH	116	5580	15.80	17.00	1.318	99.15	1.009	0.08	0.143	0.190
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	-0.13	0.089	0.130
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.15	0.080	0.111
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LSL	116	5580	15.80	17.00	1.318	99.1	1.009	0.03	0.073	0.097
03	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0.02	0.182	0.278
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SSL	100	5500	15.20	17.00	1.514	99.1	1.009	0.06	0.175	0.267
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SSL	124	5620	15.00	17.00	1.585	99.1	1.009	-0.12	0.161	0.257
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SSL	132	5660	15.00	17.00	1.585	99.1	1.009	0.02	0.168	0.269
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SSL	140	5700	15.10	17.00	1.549	99.1	1.009	-0.14	0.159	0.248
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SSL	144	5720	15.00	17.00	1.585	99.1	1.009	0.07	0.155	0.248
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SLL	116	5580	15.40	17.00	1.445	99.1	1.009	0.03	0.175	0.255
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.05	0.169	0.235
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.02	0.038	0.049
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LLH	157	5785	16.00	17.00	1.259	99.15	1.009	0.07	0.032	0.041
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	LSL	157	5785	16.10	17.00	1.230	99.15	1.009	-0.15	0.024	0.030
04	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0.05	0.103	0.137
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SLL	157	5785	15.90	17.00	1.288	99.15	1.009	0.17	0.090	0.117
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 0	SLH	157	5785	16.00	17.00	1.259	99.15	1.009	-0.11	0.083	0.105
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0.09	0.039	0.054
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LLH	157	5785	15.70	17.00	1.349	99.1	1.009	-0.11	0.024	0.033
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	LSL	157	5785	15.80	17.00	1.318	99.1	1.009	0.1	0.028	0.037
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0.04	0.040	0.057
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SLL	157	5785	15.60	17.00	1.380	99.1	1.009	0.14	0.035	0.049
	WLAN5GHz	802.11a 6Mbps	Face-Worn	0mm	Ant 1	SLH	157	5785	15.70	17.00	1.349	99.1	1.009	0.18	0.031	0.042

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 0	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0.02	0.027	0.030
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 0	LLH	39	2441	10.00	10.00	1.000	76.93	1.083	-0.11	0.015	0.016
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 0	LSL	39	2441	10.00	10.00	1.000	76.93	1.083	0.01	0.020	0.022
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 0	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	-0.06	0.026	0.030
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 0	SLL	39	2441	9.80	10.00	1.047	76.93	1.083	0.04	0.024	0.027
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 0	SLH	39	2441	9.90	10.00	1.023	76.93	1.083	0.1	0.018	0.020
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 1	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	-0.02	0.018	0.023
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 1	LLH	39	2441	9.30	10.00	1.175	76.93	1.083	0.13	0.010	0.013
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 1	LSL	39	2441	9.40	10.00	1.148	76.93	1.083	-0.04	0.005	0.006
06	Bluetooth	1Mbps	Face-Worn	0mm	Ant 1	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	-0.07	0.027	0.036
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 1	SLL	39	2441	9.20	10.00	1.202	76.93	1.083	0.08	0.021	0.027
	Bluetooth	1Mbps	Face-Worn	0mm	Ant 1	SLH	39	2441	9.30	10.00	1.175	76.93	1.083	0.13	0.018	0.023

<Rest-on-Head Exposure Condition with Head-stand Phantom>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
07	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 0	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0.02	0.096	0.132
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 0	LLH	6	2437	17.80	19.00	1.318	98.37	1.017	0.18	0.078	0.105
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 0	LSL	6	2437	17.90	19.00	1.288	98.37	1.017	-0.01	0.081	0.106
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 0	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	-0.11	0.067	0.094
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 0	SLL	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.062	0.085
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 0	SLH	6	2437	17.80	19.00	1.318	98.37	1.017	0.16	0.058	0.078
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 1	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0.02	0.084	0.108
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 1	LLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.04	0.080	0.100
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 1	LSL	6	2437	18.20	19.00	1.202	98.23	1.018	0.18	0.078	0.095
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 1	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	-0.12	0.090	0.118
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 1	SLL	6	2437	18.00	19.00	1.259	98.23	1.018	0.19	0.084	0.108
	WLAN2.4GHz	802.11b 1Mbps	Rest-on-Head	0mm	Ant 1	SLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.05	0.086	0.108
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.07	0.067	0.087
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.04	0.065	0.083
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LSL	56	5280	16.10	17.00	1.230	99.15	1.009	0.17	0.062	0.077
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0.05	0.107	0.142
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SLL	56	5280	15.90	17.00	1.288	99.15	1.009	-0.18	0.101	0.131
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.19	0.092	0.117
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.02	0.337	0.491
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSH	52	5260	15.30	17.00	1.479	99.1	1.009	0.18	0.322	0.481
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSH	60	5300	15.10	17.00	1.549	99.1	1.009	-0.06	0.309	0.483
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSH	64	5320	15.20	17.00	1.514	99.1	1.009	0.15	0.311	0.475
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.06	0.315	0.449
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSL	56	5280	15.60	17.00	1.380	99.1	1.009	0.01	0.328	0.457
08	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.12	0.335	0.500
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SLL	56	5280	15.40	17.00	1.445	99.1	1.009	0.19	0.324	0.473
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SLH	56	5280	15.50	17.00	1.413	99.1	1.009	0	0.329	0.469
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.05	0.054	0.073
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LLH	116	5580	15.80	17.00	1.318	99.15	1.009	-0.01	0.052	0.069
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LSL	116	5580	15.90	17.00	1.288	99.15	1.009	0.09	0.050	0.065
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	-0.11	0.094	0.131
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SLL	116	5580	15.70	17.00	1.349	99.15	1.009	0.15	0.090	0.122
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SLH	116	5580	15.80	17.00	1.318	99.15	1.009	-0.05	0.084	0.112
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0.05	0.205	0.299
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LLH	116	5580	15.60	17.00	1.380	99.1	1.009	-0.18	0.198	0.276
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSL	116	5580	15.80	17.00	1.318	99.1	1.009	0.16	0.201	0.267
09	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0.12	0.302	0.461
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SLL	116	5580	15.40	17.00	1.445	99.1	1.009	0.06	0.286	0.417
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.07	0.295	0.411
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.13	0.100	0.130
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LLH	157	5785	16.00	17.00	1.259	99.15	1.009	0.12	0.086	0.109
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	LSL	157	5785	16.10	17.00	1.230	99.15	1.009	0.13	0.080	0.099
10	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0.12	0.202	0.269
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SLL	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.195	0.253
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 0	SLH	157	5785	16.00	17.00	1.259	99.15	1.009	0.16	0.187	0.238
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	-0.13	0.085	0.118
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LLH	157	5785	15.70	17.00	1.349	99.1	1.009	0.09	0.076	0.103
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	LSL	157	5785	15.80	17.00	1.318	99.1	1.009	0	0.080	0.106
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	-0.16	0.107	0.153
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SLL	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.100	0.139
	WLAN5GHz	802.11a 6Mbps	Rest-on-Head	0mm	Ant 1	SLH	157	5785	15.70	17.00	1.349	99.1	1.009	0.03	0.092	0.125

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
12	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 0	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0.09	0.051	0.057
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 0	LLH	39	2441	10.00	10.00	1.000	76.93	1.083	0.17	0.043	0.047
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 0	LSL	39	2441	10.00	10.00	1.000	76.93	1.083	0	0.048	0.052
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 0	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	-0.1	0.035	0.041
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 0	SLL	39	2441	9.80	10.00	1.047	76.93	1.083	0.14	0.027	0.031
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 0	SLH	39	2441	9.90	10.00	1.023	76.93	1.083	0.01	0.029	0.032
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 1	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0.11	0.030	0.039
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 1	LLH	39	2441	9.30	10.00	1.175	76.93	1.083	-0.19	0.024	0.031
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 1	LSL	39	2441	9.40	10.00	1.148	76.93	1.083	0.11	0.029	0.036
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 1	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0.18	0.038	0.051
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 1	SLL	39	2441	9.20	10.00	1.202	76.93	1.083	0.15	0.032	0.042
	Bluetooth	1Mbps	Rest-on-Head	0mm	Ant 1	SLH	39	2441	9.30	10.00	1.175	76.93	1.083	-0.12	0.027	0.034

12.2 Body-Worn Accessory SAR

<Rest-on-shirt Exposure Condition with SAM-twin Phantom>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 0	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	-0.14	0.019	0.026
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 0	LLH	6	2437	17.80	19.00	1.318	98.37	1.017	0.13	0.012	0.016
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 0	LSL	6	2437	17.90	19.00	1.288	98.37	1.017	0.18	0.015	0.020
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 0	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	-0.12	0.016	0.022
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 0	SLL	6	2437	17.70	19.00	1.349	98.37	1.017	0.15	0.011	0.015
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 0	SLH	6	2437	17.80	19.00	1.318	98.37	1.017	0.05	0.017	0.023
13	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 1	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	-0.08	0.026	0.033
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 1	LLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.14	0.021	0.026
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 1	LSL	6	2437	18.20	19.00	1.202	98.23	1.018	0.04	0.019	0.023
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 1	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0.11	0.022	0.029
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 1	SLL	6	2437	18.00	19.00	1.259	98.23	1.018	0.16	0.019	0.024
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 1	SLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.14	0.025	0.031
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.02	0.089	0.116
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.18	0.074	0.094
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LSL	56	5280	16.10	17.00	1.230	99.15	1.009	0.05	0.082	0.102
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0.15	0.085	0.113
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SLL	56	5280	15.90	17.00	1.288	99.15	1.009	0.04	0.079	0.103
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.14	0.081	0.103
14	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0.08	0.114	0.166
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.15	0.108	0.154
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LSL	56	5280	15.60	17.00	1.380	99.1	1.009	0.06	0.112	0.156
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	-0.18	0.103	0.154
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SLL	56	5280	15.40	17.00	1.445	99.1	1.009	0.13	0.111	0.162
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.08	0.107	0.153
15	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.14	0.155	0.211
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LLH	116	5580	15.80	17.00	1.318	99.15	1.009	0.07	0.142	0.189
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LSL	116	5580	15.90	17.00	1.288	99.15	1.009	0.15	0.132	0.172
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.04	0.144	0.201
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SLL	116	5580	15.70	17.00	1.349	99.15	1.009	0.13	0.149	0.203
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SLH	116	5580	15.80	17.00	1.318	99.15	1.009	0.17	0.139	0.185
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	-0.01	0.124	0.181
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.09	0.108	0.150
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LSL	116	5580	15.80	17.00	1.318	99.1	1.009	0.06	0.113	0.150
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0.18	0.113	0.173
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SLL	116	5580	15.40	17.00	1.445	99.1	1.009	0.06	0.110	0.160
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.15	0.108	0.150
16	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.05	0.166	0.216
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LSH	149	5745	15.80	17.00	1.318	99.15	1.009	0.09	0.149	0.198
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LSH	165	5825	15.70	17.00	1.349	99.15	1.009	-0.13	0.139	0.189
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LLH	157	5785	16.00	17.00	1.259	99.15	1.009	0.06	0.154	0.196
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	LSL	157	5785	16.10	17.00	1.230	99.15	1.009	0.01	0.143	0.178
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0.03	0.159	0.211
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SLL	157	5785	15.90	17.00	1.288	99.15	1.009	0.01	0.148	0.192
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 0	SLH	157	5785	16.00	17.00	1.259	99.15	1.009	0.12	0.149	0.189
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	-0.04	0.072	0.100
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LLH	157	5785	15.70	17.00	1.349	99.1	1.009	0.1	0.055	0.075
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	LSL	157	5785	15.80	17.00	1.318	99.1	1.009	0.14	0.043	0.057
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	-0.06	0.066	0.094
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SLL	157	5785	15.60	17.00	1.380	99.1	1.009	0.07	0.049	0.068
	WLAN5GHz	802.11a 6Mbps	Back	0mm	Ant 1	SLH	157	5785	15.70	17.00	1.349	99.1	1.009	0.19	0.045	0.061

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
18	Bluetooth	1Mbps	Back	0mm	Ant 0	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	-0.16	0.008	0.009
	Bluetooth	1Mbps	Back	0mm	Ant 0	LLH	39	2441	10.00	10.00	1.000	76.93	1.083	0.06	0.002	0.002
	Bluetooth	1Mbps	Back	0mm	Ant 0	LSL	39	2441	10.00	10.00	1.000	76.93	1.083	0.08	0.004	0.004
	Bluetooth	1Mbps	Back	0mm	Ant 0	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0.02	0.006	0.007
	Bluetooth	1Mbps	Back	0mm	Ant 0	SLL	39	2441	9.80	10.00	1.047	76.93	1.083	0.19	0.005	0.006
	Bluetooth	1Mbps	Back	0mm	Ant 0	SLH	39	2441	9.90	10.00	1.023	76.93	1.083	0.02	0.003	0.003
	Bluetooth	1Mbps	Back	0mm	Ant 1	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	-0.17	0.007	0.009
	Bluetooth	1Mbps	Back	0mm	Ant 1	LLH	39	2441	9.30	10.00	1.175	76.93	1.083	0.16	0.005	0.006
	Bluetooth	1Mbps	Back	0mm	Ant 1	LSL	39	2441	9.40	10.00	1.148	76.93	1.083	0.11	0.005	0.006
	Bluetooth	1Mbps	Back	0mm	Ant 1	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0.04	0.006	0.008
	Bluetooth	1Mbps	Back	0mm	Ant 1	SLL	39	2441	9.20	10.00	1.202	76.93	1.083	0.13	0.004	0.005
	Bluetooth	1Mbps	Back	0mm	Ant 1	SLH	39	2441	9.30	10.00	1.175	76.93	1.083	0.07	0.003	0.004

<Pocketing Exposure Condition with SAM-twin Phantom>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
19	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 0	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0.02	0.206	0.283
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 0	LLH	6	2437	17.80	19.00	1.318	98.37	1.017	0.09	0.200	0.268
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 0	LSL	6	2437	17.90	19.00	1.288	98.37	1.017	0	0.203	0.266
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 0	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	-0.15	0.200	0.281
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 0	SLL	6	2437	17.70	19.00	1.349	98.37	1.017	0.09	0.195	0.268
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 0	SLH	6	2437	17.80	19.00	1.318	98.37	1.017	0.17	0.198	0.265
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 1	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0.01	0.168	0.215
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 1	LLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.1	0.156	0.195
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 1	LSL	6	2437	18.20	19.00	1.202	98.23	1.018	0.04	0.158	0.193
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 1	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0.18	0.162	0.212
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 1	SLL	6	2437	18.00	19.00	1.259	98.23	1.018	0.08	0.164	0.210
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 1	SLH	6	2437	18.10	19.00	1.230	98.23	1.018	0	0.159	0.199
20	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.07	0.642	0.834
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	52	5260	15.80	17.00	1.318	99.15	1.009	0.06	0.618	0.822
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	60	5300	15.50	17.00	1.413	99.15	1.009	0.09	0.566	0.807
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	64	5320	15.60	17.00	1.380	99.15	1.009	0.18	0.594	0.827
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.17	0.631	0.802
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	52	5260	15.90	17.00	1.288	99.15	1.009	-0.18	0.618	0.803
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	60	5300	15.60	17.00	1.380	99.15	1.009	0.06	0.577	0.804
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	64	5320	15.70	17.00	1.349	99.15	1.009	0.19	0.593	0.807
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSL	56	5280	16.10	17.00	1.230	99.15	1.009	0	0.628	0.780
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSL	52	5260	16.00	17.00	1.259	99.15	1.009	-0.12	0.612	0.777
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSL	60	5300	15.70	17.00	1.349	99.15	1.009	0.06	0.579	0.788
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSL	64	5320	15.80	17.00	1.318	99.15	1.009	0.05	0.588	0.782
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0.09	0.625	0.831
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	52	5260	15.70	17.00	1.349	99.15	1.009	-0.12	0.612	0.833
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	60	5300	15.40	17.00	1.445	99.15	1.009	0.06	0.548	0.799
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	64	5320	15.50	17.00	1.413	99.15	1.009	0.18	0.559	0.797
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SLL	56	5280	15.90	17.00	1.288	99.15	1.009	0.11	0.579	0.753
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SLH	56	5280	16.00	17.00	1.259	99.15	1.009	0	0.512	0.650
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.01	0.522	0.761
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.03	0.429	0.611
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LSL	56	5280	15.60	17.00	1.380	99.1	1.009	-0.15	0.388	0.540
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.05	0.496	0.740
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SLL	56	5280	15.40	17.00	1.445	99.1	1.009	0.17	0.414	0.604
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.17	0.398	0.567

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
21	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.02	0.683	0.930
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	100	5500	15.40	17.00	1.445	99.15	1.009	0.15	0.615	0.897
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	124	5620	15.50	17.00	1.413	99.15	1.009	-0.06	0.623	0.888
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	132	5660	15.60	17.00	1.380	99.15	1.009	0.17	0.650	0.905
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	140	5700	15.60	17.00	1.380	99.15	1.009	0.06	0.642	0.894
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	144	5720	15.50	17.00	1.413	99.15	1.009	-0.15	0.614	0.875
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	116	5580	15.80	17.00	1.318	99.15	1.009	0.11	0.672	0.894
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	100	5500	15.50	17.00	1.413	99.15	1.009	0.03	0.588	0.838
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	124	5620	15.60	17.00	1.380	99.15	1.009	0.14	0.599	0.834
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	132	5660	15.70	17.00	1.349	99.15	1.009	0.06	0.613	0.834
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	140	5700	15.70	17.00	1.349	99.15	1.009	-0.18	0.639	0.870
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	144	5720	15.60	17.00	1.380	99.15	1.009	0.18	0.633	0.882
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSL	116	5580	15.90	17.00	1.288	99.15	1.009	0	0.577	0.750
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.09	0.666	0.928
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	100	5500	15.30	17.00	1.479	99.15	1.009	-0.12	0.588	0.878
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	124	5620	15.40	17.00	1.445	99.15	1.009	0.02	0.593	0.865
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	132	5660	15.50	17.00	1.413	99.15	1.009	0	0.625	0.891
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	140	5700	15.50	17.00	1.413	99.15	1.009	-0.11	0.603	0.859
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	144	5720	15.40	17.00	1.445	99.15	1.009	0.14	0.622	0.907
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SLL	116	5580	15.70	17.00	1.349	99.15	1.009	0.03	0.481	0.655
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SLH	116	5580	15.80	17.00	1.318	99.15	1.009	0.19	0.453	0.603
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0.01	0.370	0.540
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LLH	116	5580	15.60	17.00	1.380	99.1	1.009	-0.12	0.299	0.416
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LSL	116	5580	15.80	17.00	1.318	99.1	1.009	-0.08	0.267	0.355
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	-0.18	0.364	0.556
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SLL	116	5580	15.40	17.00	1.445	99.1	1.009	0.03	0.277	0.404
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.02	0.216	0.301
22	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.02	0.807	1.049
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	149	5745	15.80	17.00	1.318	99.15	1.009	-0.18	0.772	1.027
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	165	5825	15.70	17.00	1.349	99.15	1.009	0.06	0.745	1.014
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	157	5785	16.00	17.00	1.259	99.15	1.009	-0.08	0.798	1.014
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	149	5745	15.90	17.00	1.288	99.15	1.009	0.17	0.749	0.974
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LLH	165	5825	15.80	17.00	1.318	99.15	1.009	0.19	0.751	0.999
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSL	157	5785	16.10	17.00	1.230	99.15	1.009	0.04	0.762	0.946
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSL	149	5745	16.00	17.00	1.259	99.15	1.009	-0.15	0.725	0.921
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSL	165	5825	15.90	17.00	1.288	99.15	1.009	0.09	0.745	0.968
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	-0.06	0.788	1.048
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	149	5745	15.70	17.00	1.349	99.15	1.009	0.15	0.746	1.015
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SSL	165	5825	15.60	17.00	1.380	99.15	1.009	-0.11	0.721	1.004
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SLL	157	5785	15.90	17.00	1.288	99.15	1.009	0.13	0.611	0.794
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	SLH	157	5785	16.00	17.00	1.259	99.15	1.009	0.02	0.592	0.752
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	-0.03	0.287	0.400
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LLH	157	5785	15.70	17.00	1.349	99.1	1.009	0.16	0.206	0.280
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	LSL	157	5785	15.80	17.00	1.318	99.1	1.009	-0.03	0.144	0.192
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0.15	0.281	0.400
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SLL	157	5785	15.60	17.00	1.380	99.1	1.009	-0.16	0.176	0.245
	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 1	SLH	157	5785	15.70	17.00	1.349	99.1	1.009	-0.18	0.133	0.181

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
24	Bluetooth	1Mbps	Front	5mm	Ant 0	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	-0.11	0.097	0.107
	Bluetooth	1Mbps	Front	5mm	Ant 0	LLH	39	2441	10.00	10.00	1.000	76.93	1.083	-0.19	0.092	0.100
	Bluetooth	1Mbps	Front	5mm	Ant 0	LSL	39	2441	10.00	10.00	1.000	76.93	1.083	-0.11	0.094	0.102
	Bluetooth	1Mbps	Front	5mm	Ant 0	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	-0.15	0.092	0.107
	Bluetooth	1Mbps	Front	5mm	Ant 0	SLL	39	2441	9.80	10.00	1.047	76.93	1.083	0.09	0.094	0.107
	Bluetooth	1Mbps	Front	5mm	Ant 0	SLH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.090	0.100
	Bluetooth	1Mbps	Front	5mm	Ant 1	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0.03	0.041	0.053
	Bluetooth	1Mbps	Front	5mm	Ant 1	LLH	39	2441	9.30	10.00	1.175	76.93	1.083	-0.04	0.032	0.041
	Bluetooth	1Mbps	Front	5mm	Ant 1	LSL	39	2441	9.40	10.00	1.148	76.93	1.083	0.19	0.028	0.035
	Bluetooth	1Mbps	Front	5mm	Ant 1	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0.03	0.033	0.044
	Bluetooth	1Mbps	Front	5mm	Ant 1	SLL	39	2441	9.20	10.00	1.202	76.93	1.083	-0.14	0.036	0.047
	Bluetooth	1Mbps	Front	5mm	Ant 1	SLH	39	2441	9.30	10.00	1.175	76.93	1.083	0.18	0.032	0.041

<Pocketing (in case) Exposure Condition with SAM-twin Phantom>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
25	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 0	Triangle	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0.15	0.052	0.071
	WLAN2.4GHz	802.11b 1Mbps	Back edge	5mm	Ant 0	Triangle	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge	5mm	Ant 0	Triangle	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 0	Triangle	LLH	6	2437	17.80	19.00	1.318	98.37	1.017	-0.11	0.039	0.052
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 0	Triangle	LSL	6	2437	17.90	19.00	1.288	98.37	1.017	0.14	0.044	0.058
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 0	Triangle	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	-0.12	0.049	0.069
	WLAN2.4GHz	802.11b 1Mbps	Back edge	5mm	Ant 0	Triangle	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge	5mm	Ant 0	Triangle	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 0	Triangle	SLL	6	2437	17.70	19.00	1.349	98.37	1.017	-0.019	0.045	0.062
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 0	Triangle	SLH	6	2437	17.80	19.00	1.318	98.37	1.017	0.18	0.028	0.038
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 1	Triangle	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	-0.06	0.037	0.047
	WLAN2.4GHz	802.11b 1Mbps	Back edge	5mm	Ant 1	Triangle	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge	5mm	Ant 1	Triangle	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 1	Triangle	LLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.11	0.042	0.053
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 1	Triangle	LSL	6	2437	18.20	19.00	1.202	98.23	1.018	0.1	0.039	0.048
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 1	Triangle	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0.14	0.032	0.042
	WLAN2.4GHz	802.11b 1Mbps	Back edge	5mm	Ant 1	Triangle	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge	5mm	Ant 1	Triangle	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 1	Triangle	SLL	6	2437	18.00	19.00	1.259	98.23	1.018	-0.05	0.030	0.038
	WLAN2.4GHz	802.11b 1Mbps	Front edge	5mm	Ant 1	Triangle	SLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.019	0.028	0.035

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0.07	0.121	0.157
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 0	Triangle	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.05	0.022	0.029
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 0	Triangle	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.12	0.110	0.140
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LSL	56	5280	16.10	17.00	1.230	99.15	1.009	-0.03	0.115	0.143
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0.02	0.115	0.153
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 0	Triangle	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	-0.19	0.019	0.025
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 0	Triangle	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SLL	56	5280	15.90	17.00	1.288	99.15	1.009	-0.04	0.105	0.136
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.1	0.108	0.137
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
26	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0.11	0.129	0.188
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 1	Triangle	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.05	0.034	0.050
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 1	Triangle	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0.18	0.081	0.118
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.12	0.122	0.174
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LSL	56	5280	15.60	17.00	1.380	99.1	1.009	-0.05	0.119	0.166
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	-0.05	0.122	0.182
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 1	Triangle	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.05	0.029	0.043
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 1	Triangle	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.13	0.077	0.115
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SLL	56	5280	15.40	17.00	1.445	99.1	1.009	-0.18	0.119	0.174
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SLH	56	5280	15.50	17.00	1.413	99.1	1.009	0.09	0.116	0.165

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
27	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.07	0.140	0.191
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 0	Triangle	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0.12	0.072	0.098
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 0	Triangle	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0.01	0.037	0.050
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LLH	116	5580	15.80	17.00	1.318	99.15	1.009	-0.14	0.136	0.181
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LSL	116	5580	15.90	17.00	1.288	99.15	1.009	0.08	0.132	0.172
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.19	0.129	0.180
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 0	Triangle	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.05	0.065	0.091
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 0	Triangle	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	-0.11	0.032	0.045
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SLL	116	5580	15.70	17.00	1.349	99.15	1.009	0.12	0.129	0.176
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SLH	116	5580	15.80	17.00	1.318	99.15	1.009	0.14	0.125	0.166
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0.08	0.114	0.166
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 1	Triangle	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0.14	0.056	0.082
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 1	Triangle	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	-0.02	0.085	0.124
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.18	0.110	0.153
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LSL	116	5580	15.80	17.00	1.318	99.1	1.009	0.02	0.105	0.140
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.002
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.002
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.002
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.002
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.002
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.002
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	-0.02	0.110	0.168
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 1	Triangle	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0.19	0.051	0.078
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 1	Triangle	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	-0.05	0.082	0.125
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SLL	116	5580	15.40	17.00	1.445	99.1	1.009	0.06	0.105	0.153
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.14	0.100	0.139

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
28	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.15	0.156	0.203
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 0	Triangle	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.03	0.049	0.064
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 0	Triangle	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0.02	0.033	0.043
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LLH	157	5785	16.00	17.00	1.259	99.15	1.009	0.15	0.155	0.197
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	LSL	157	5785	16.10	17.00	1.230	99.15	1.009	-0.17	0.151	0.187
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0.05	0.148	0.197
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 0	Triangle	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0.13	0.042	0.056
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 0	Triangle	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	-0.04	0.028	0.037
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SLL	157	5785	15.90	17.00	1.288	99.15	1.009	0.03	0.141	0.183
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 0	Triangle	SLH	157	5785	16.00	17.00	1.259	99.15	1.009	-0.08	0.136	0.173
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0.07	0.043	0.060
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 1	Triangle	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	-0.04	0.037	0.052
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 1	Triangle	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0.02	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LLH	157	5785	15.70	17.00	1.349	99.1	1.009	0.18	0.038	0.052
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	LSL	157	5785	15.80	17.00	1.318	99.1	1.009	0.14	0.035	0.047
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0.18	0.038	0.054
	WLAN5GHz	802.11a 6Mbps	Back edge	5mm	Ant 1	Triangle	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0.06	0.032	0.046
	WLAN5GHz	802.11a 6Mbps	Bottom edge	5mm	Ant 1	Triangle	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	-0.05	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SLL	157	5785	15.60	17.00	1.380	99.1	1.009	0.03	0.034	0.047
	WLAN5GHz	802.11a 6Mbps	Front edge	5mm	Ant 1	Triangle	SLH	157	5785	15.70	17.00	1.349	99.1	1.009	-0.16	0.033	0.045

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
30	Bluetooth	1Mbps	Front edge	5mm	Ant 0	Triangle	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0.06	0.011	0.012
	Bluetooth	1Mbps	Back edge	5mm	Ant 0	Triangle	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge	5mm	Ant 0	Triangle	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	5mm	Ant 0	Triangle	LLH	39	2441	10.00	10.00	1.000	76.93	1.083	-0.11	0.008	0.009
	Bluetooth	1Mbps	Front edge	5mm	Ant 0	Triangle	LSL	39	2441	10.00	10.00	1.000	76.93	1.083	0.07	0.010	0.011
	Bluetooth	1Mbps	Top edge at 0°	5mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at 45°	5mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at -45°	5mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 0°	5mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 45°	5mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at -45°	5mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	5mm	Ant 0	Triangle	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0.02	0.009	0.010
	Bluetooth	1Mbps	Back edge	5mm	Ant 0	Triangle	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge	5mm	Ant 0	Triangle	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	5mm	Ant 0	Triangle	SLL	39	2441	9.80	10.00	1.047	76.93	1.083	-0.05	0.006	0.007
	Bluetooth	1Mbps	Front edge	5mm	Ant 0	Triangle	SLH	39	2441	9.90	10.00	1.023	76.93	1.083	-0.11	0.008	0.009
	Bluetooth	1Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	5mm	Ant 1	Triangle	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0.02	0.006	0.008
	Bluetooth	1Mbps	Back edge	5mm	Ant 1	Triangle	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge	5mm	Ant 1	Triangle	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	5mm	Ant 1	Triangle	LLH	39	2441	9.30	10.00	1.175	76.93	1.083	0.09	0.005	0.006
	Bluetooth	1Mbps	Front edge	5mm	Ant 1	Triangle	LSL	39	2441	9.40	10.00	1.148	76.93	1.083	-0.13	0.002	0.002
	Bluetooth	1Mbps	Top edge at 0°	5mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at 45°	5mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at -45°	5mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 0°	5mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 45°	5mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at -45°	5mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	5mm	Ant 1	Triangle	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0.02	0.005	0.007
	Bluetooth	1Mbps	Back edge	5mm	Ant 1	Triangle	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge	5mm	Ant 1	Triangle	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	5mm	Ant 1	Triangle	SLL	39	2441	9.20	10.00	1.202	76.93	1.083	-0.18	0.004	0.005
	Bluetooth	1Mbps	Front edge	5mm	Ant 1	Triangle	SLH	39	2441	9.30	10.00	1.175	76.93	1.083	-0.11	0.005	0.006

12.3 Handheld SAR

<Handheld (in case) Exposure Condition with SAM-twin Phantom>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back edge	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 0	Clamshell	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	0mm	Ant 0	Triangle	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back edge	0mm	Ant 0	Triangle	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 0	Triangle	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 0	Triangle	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	-0.07	0.024	0.033
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge	0mm	Ant 0	Triangle	LSH	6	2437	17.70	19.00	1.349	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 0	Triangle	LLH	6	2437	17.80	19.00	1.318	98.37	1.017	-0.02	0.019	0.025
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 0	Triangle	LSL	6	2437	17.90	19.00	1.288	98.37	1.017	-0.16	0.020	0.026
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back edge	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 0	Clamshell	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	0mm	Ant 0	Triangle	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back edge	0mm	Ant 0	Triangle	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 0	Triangle	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 0	Triangle	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	-0.02	0.024	0.034
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge	0mm	Ant 0	Triangle	SSL	6	2437	17.60	19.00	1.380	98.37	1.017	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 0	Triangle	SLL	6	2437	17.70	19.00	1.349	98.37	1.017	0.14	0.023	0.032
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 0	Triangle	SLH	6	2437	17.80	19.00	1.318	98.37	1.017	-0.04	0.018	0.024
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back edge	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 1	Clamshell	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	0mm	Ant 1	Triangle	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back edge	0mm	Ant 1	Triangle	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
31	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 1	Triangle	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0.15	0.074	0.095
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 1	Triangle	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge	0mm	Ant 1	Triangle	LSH	6	2437	18.00	19.00	1.259	98.23	1.018	-0.12	0.055	0.070
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 1	Triangle	LLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.08	0.067	0.084

	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 1	Triangle	LSL	6	2437	18.20	19.00	1.202	98.23	1.018	0.15	0.060	0.073
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back edge	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 1	Clamshell	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Front edge	0mm	Ant 1	Triangle	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Back edge	0mm	Ant 1	Triangle	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 1	Triangle	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	-0.18	0.071	0.093
	WLAN2.4GHz	802.11b 1Mbps	Right edge	0mm	Ant 1	Triangle	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Bottom edge	0mm	Ant 1	Triangle	SSL	6	2437	17.90	19.00	1.288	98.23	1.018	0.07	0.051	0.067
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 1	Triangle	SLL	6	2437	18.00	19.00	1.259	98.23	1.018	0.03	0.071	0.091
	WLAN2.4GHz	802.11b 1Mbps	Left edge	0mm	Ant 1	Triangle	SLH	6	2437	18.10	19.00	1.230	98.23	1.018	0.15	0.067	0.084

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0.1	0.008	0.010
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Clamshell	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.02	0.010	0.013
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Triangle	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.15	0.072	0.094
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Triangle	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0.18	0.010	0.013
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Triangle	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.16	0.074	0.096
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 0	Triangle	LSH	56	5280	15.90	17.00	1.288	99.15	1.009	-0.12	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LLH	56	5280	16.00	17.00	1.259	99.15	1.009	0.06	0.070	0.089
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LSL	56	5280	16.10	17.00	1.230	99.15	1.009	0.1	0.068	0.084
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	-0.08	0.007	0.009
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Clamshell	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	-0.08	0.008	0.011
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Triangle	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0.19	0.073	0.097
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Triangle	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0.15	0.010	0.013
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Triangle	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	0.1	0.074	0.098
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 0	Triangle	SSL	56	5280	15.80	17.00	1.318	99.15	1.009	-0.1	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SLL	56	5280	15.90	17.00	1.288	99.15	1.009	-0.19	0.073	0.095
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SLH	56	5280	16.00	17.00	1.259	99.15	1.009	0	0.071	0.090
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0.02	0.010	0.015
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.04	0.016	0.023
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0.1	0.022	0.032
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Clamshell	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.13	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Triangle	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.07	0.082	0.120
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Triangle	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.01	0.018	0.026
32	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	-0.15	0.147	0.214
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Triangle	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 1	Triangle	LSH	56	5280	15.40	17.00	1.445	99.1	1.009	0.04	0.071	0.104
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LLH	56	5280	15.50	17.00	1.413	99.1	1.009	-0.03	0.144	0.205
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LSL	56	5280	15.60	17.00	1.380	99.1	1.009	-0.17	0.143	0.199
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001

	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.18	0.008	0.012
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.15	0.013	0.019
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.03	0.019	0.028
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Clamshell	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Triangle	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.01	0.081	0.121
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Triangle	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	-0.01	0.018	0.027
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0.02	0.141	0.210
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Triangle	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 1	Triangle	SSL	56	5280	15.30	17.00	1.479	99.1	1.009	-0.04	0.069	0.103
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SLL	56	5280	15.40	17.00	1.445	99.1	1.009	0.06	0.142	0.207
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SLH	56	5280	15.50	17.00	1.413	99.1	1.009	-0.07	0.139	0.198

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.07	0.021	0.029
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.12	0.036	0.049
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Clamshell	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0.04	0.038	0.052
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Triangle	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.19	0.017	0.023
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Triangle	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0.06	0.069	0.094
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Triangle	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.11	0.087	0.118
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 0	Triangle	LSH	116	5580	15.70	17.00	1.349	99.15	1.009	-0.09	0.024	0.033
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LLH	116	5580	15.80	17.00	1.318	99.15	1.009	-0.17	0.065	0.086
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LSL	116	5580	15.90	17.00	1.288	99.15	1.009	0.09	0.073	0.095
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.08	0.009	0.013
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	-0.11	0.013	0.018
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Clamshell	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.08	0.017	0.024
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Triangle	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.16	0.081	0.113
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Triangle	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.07	0.030	0.042
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Triangle	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	0.1	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	-0.08	0.087	0.121
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 0	Triangle	SSL	116	5580	15.60	17.00	1.380	99.15	1.009	-0.01	0.011	0.015
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SLL	116	5580	15.70	17.00	1.349	99.15	1.009	-0.09	0.083	0.113
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SLH	116	5580	15.80	17.00	1.318	99.15	1.009	0.12	0.081	0.108
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	-0.03	0.018	0.026
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Clamshell	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Triangle	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	-0.01	0.044	0.064
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Triangle	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0.15	0.019	0.028
33	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	-0.13	0.122	0.178
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Triangle	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0.12	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 1	Triangle	LSH	116	5580	15.40	17.00	1.445	99.1	1.009	0.14	0.048	0.070
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LLH	116	5580	15.60	17.00	1.380	99.1	1.009	0.12	0.120	0.167
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LSL	116	5580	15.80	17.00	1.318	99.1	1.009	-0.02	0.118	0.157
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001

	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	-0.14	0.010	0.015
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Clamshell	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Triangle	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0.01	0.043	0.066
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Triangle	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0.09	0.012	0.018
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	-0.18	0.112	0.171
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Triangle	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 1	Triangle	SSL	116	5580	15.20	17.00	1.514	99.1	1.009	-0.05	0.038	0.058
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SLL	116	5580	15.40	17.00	1.445	99.1	1.009	-0.17	0.116	0.169
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SLH	116	5580	15.60	17.00	1.380	99.1	1.009	-0.01	0.112	0.156

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0.07	0.012	0.016
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0.04	0.015	0.019
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0.03	0.028	0.036
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Clamshell	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.19	0.014	0.018
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Triangle	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.08	0.107	0.139
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Triangle	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.05	0.042	0.055
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Triangle	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.001	0.001
34	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0	0.131	0.170
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 0	Triangle	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.02	0.021	0.027
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LLH	157	5785	16.00	17.00	1.259	99.15	1.009	-0.19	0.124	0.158
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	LSL	157	5785	16.10	17.00	1.230	99.15	1.009	0.06	0.128	0.159
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0.06	0.008	0.011
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	-0.09	0.010	0.013
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0.05	0.025	0.033
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Clamshell	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	-0.18	0.012	0.016
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 0	Triangle	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	-0.16	0.104	0.138
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 0	Triangle	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0.14	0.040	0.053
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 0	Triangle	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	-0.16	0.127	0.169
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 0	Triangle	SSL	157	5785	15.80	17.00	1.318	99.15	1.009	-0.15	0.017	0.023
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SLL	157	5785	15.90	17.00	1.288	99.15	1.009	0.19	0.123	0.160
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 0	Triangle	SLH	157	5785	16.00	17.00	1.259	99.15	1.009	0.11	0.118	0.150
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0.17	0.014	0.019
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Clamshell	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Triangle	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0.18	0.043	0.060
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Triangle	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0.19	0.019	0.026
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	-0.11	0.121	0.169
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Triangle	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 1	Triangle	LSH	157	5785	15.60	17.00	1.380	99.1	1.009	-0.13	0.026	0.036
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LLH	157	5785	15.70	17.00	1.349	99.1	1.009	0.06	0.120	0.163
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	LSL	157	5785	15.80	17.00	1.318	99.1	1.009	-0.08	0.116	0.154
	WLAN5GHz	802.11a 6Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001

	WLAN5GHz	802.11a 6Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	-0.05	0.009	0.013
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Clamshell	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Front edge	0mm	Ant 1	Triangle	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	-0.15	0.041	0.058
	WLAN5GHz	802.11a 6Mbps	Back edge	0mm	Ant 1	Triangle	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0.04	0.016	0.023
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	-0.18	0.113	0.161
	WLAN5GHz	802.11a 6Mbps	Right edge	0mm	Ant 1	Triangle	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.001	0.001
	WLAN5GHz	802.11a 6Mbps	Bottom edge	0mm	Ant 1	Triangle	SSL	157	5785	15.50	17.00	1.413	99.1	1.009	0	0.023	0.033
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SLL	157	5785	15.60	17.00	1.380	99.1	1.009	0.02	0.115	0.160
	WLAN5GHz	802.11a 6Mbps	Left edge	0mm	Ant 1	Triangle	SLH	157	5785	15.70	17.00	1.349	99.1	1.009	-0.02	0.118	0.161

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Storage Case	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	Bluetooth	1Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back edge	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right edge	0mm	Ant 0	Clamshell	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	0mm	Ant 0	Triangle	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back edge	0mm	Ant 0	Triangle	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 0	Triangle	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right edge	0mm	Ant 0	Triangle	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	-0.11	0.003	0.003
	Bluetooth	1Mbps	Bottom edge	0mm	Ant 0	Triangle	LSH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right edge	0mm	Ant 0	Triangle	LLH	39	2441	10.00	10.00	1.000	76.93	1.083	0.02	0.002	0.002
	Bluetooth	1Mbps	Right edge	0mm	Ant 0	Triangle	LSL	39	2441	10.00	10.00	1.000	76.93	1.083	-0.14	0.002	0.002
	Bluetooth	1Mbps	Top edge at 0°	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at 45°	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at -45°	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 0°	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 45°	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at -45°	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back edge	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right edge	0mm	Ant 0	Clamshell	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	0mm	Ant 0	Triangle	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back edge	0mm	Ant 0	Triangle	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 0	Triangle	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right edge	0mm	Ant 0	Triangle	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	-0.16	0.002	0.002
	Bluetooth	1Mbps	Bottom edge	0mm	Ant 0	Triangle	SSL	39	2441	9.70	10.00	1.072	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right edge	0mm	Ant 0	Triangle	SLL	39	2441	9.80	10.00	1.047	76.93	1.083	0.09	0.002	0.002
	Bluetooth	1Mbps	Right edge	0mm	Ant 0	Triangle	SLH	39	2441	9.90	10.00	1.023	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back edge	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right edge	0mm	Ant 1	Clamshell	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	0mm	Ant 1	Triangle	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back edge	0mm	Ant 1	Triangle	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
36	Bluetooth	1Mbps	Left edge	0mm	Ant 1	Triangle	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	-0.09	0.011	0.014
	Bluetooth	1Mbps	Right edge	0mm	Ant 1	Triangle	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge	0mm	Ant 1	Triangle	LSH	39	2441	9.20	10.00	1.202	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 1	Triangle	LLH	39	2441	9.30	10.00	1.175	76.93	1.083	-0.02	0.008	0.010
	Bluetooth	1Mbps	Left edge	0mm	Ant 1	Triangle	LSL	39	2441	9.40	10.00	1.148	76.93	1.083	0.17	0.007	0.009
	Bluetooth	1Mbps	Top edge at 0°	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001

	Bluetooth	1Mbps	Top edge at 45°	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Top edge at -45°	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 0°	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at 45°	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge at -45°	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back edge	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Right edge	0mm	Ant 1	Clamshell	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Front edge	0mm	Ant 1	Triangle	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Back edge	0mm	Ant 1	Triangle	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 1	Triangle	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0.1	0.008	0.011
	Bluetooth	1Mbps	Right edge	0mm	Ant 1	Triangle	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Bottom edge	0mm	Ant 1	Triangle	SSL	39	2441	9.10	10.00	1.230	76.93	1.083	0	0.001	0.001
	Bluetooth	1Mbps	Left edge	0mm	Ant 1	Triangle	SLL	39	2441	9.20	10.00	1.202	76.93	1.083	-0.1	0.006	0.008
	Bluetooth	1Mbps	Left edge	0mm	Ant 1	Triangle	SLH	39	2441	9.30	10.00	1.175	76.93	1.083	-0.04	0.007	0.009

12.4 Repeated SAR Measurement

No.	Band	Mode	Test Position	Gap (mm)	Antenna	EUT	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	-0.02	0.807	-	1.049
2nd	WLAN5GHz	802.11a 6Mbps	Front	5mm	Ant 0	LSH	157	5785	15.90	17.00	1.288	99.15	1.009	0.11	0.801	1.01	1.041

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. The ratio is the difference in percentage between original and repeated *measured SAR*.
4. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

13. Simultaneous Transmission Analysis

NO.	Simultaneous Transmission Configurations	Head	Body	Handheld
1.	WLAN2.4GHz Ant 0 + WLAN2.4GHz Ant 1 + Sub-G	Yes	Yes	Yes
2.	WLAN5GHz Ant 0 + WLAN5GHz Ant 1 + Sub-G	Yes	Yes	Yes
3.	WLAN2.4GHz Ant 0 + WLAN5GHz Ant 1 + Sub-G	Yes	Yes	Yes
4.	WLAN2.4GHz Ant 1 + WLAN5GHz Ant 0 + Sub-G	Yes	Yes	Yes
5.	WLAN5GHz Ant 0 + Bluetooth Ant 0 + Sub-G	Yes	Yes	Yes
6.	WLAN5GHz Ant 1 + Bluetooth Ant 0 + Sub-G	Yes	Yes	Yes
7.	WLAN5GHz Ant 0 + Bluetooth Ant 1 + Sub-G	Yes	Yes	Yes
8.	WLAN5GHz Ant 1 + Bluetooth Ant 1 + Sub-G	Yes	Yes	Yes

General Note:

1. According to KDB 447498 D01 Section 4.3.2,b), when standalone Sub-G SAR testing is not required, the estimated SAR values of 0.257W/kg for 1g and 0.103W/kg for 10g and these results were performed Sim-Tx analysis
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.
   v) The SPLSR calculated results please refer to section 13.4

13.1 Head Exposure Conditions

<Face-worn Exposure Condition with Face-down Phantom>

Exposure Position	1	2	3	4	5	6	7	1+2+7 Summed 1g SAR (W/kg)	3+4+7 Summed 1g SAR (W/kg)	1+4+7 Summed 1g SAR (W/kg)	2+3+7 Summed 1g SAR (W/kg)	3+5+7 Summed 1g SAR (W/kg)	4+5+7 Summed 1g SAR (W/kg)	3+6+7 Summed 1g SAR (W/kg)	4+6+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 0	WLAN2.4GHz Ant 1	WLAN5GHz Ant 0	WLAN5GHz Ant 1	Bluetooth Ant 0	Bluetooth Ant 1	Sub G								
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)								
Face-Worn	0.078	0.110	0.217	0.278	0.030	0.036	0.257	**0.445**	**0.752**	**0.613**	**0.584**	**0.504**	**0.565**	**0.510**	**0.571**

<Rest-on-Head Exposure Condition with Head-stand Phantom>

Exposure Position	1	2	3	4	5	6	7	1+2+7 Summed 1g SAR (W/kg)	3+4+7 Summed 1g SAR (W/kg)	1+4+7 Summed 1g SAR (W/kg)	2+3+7 Summed 1g SAR (W/kg)	3+5+7 Summed 1g SAR (W/kg)	4+5+7 Summed 1g SAR (W/kg)	3+6+7 Summed 1g SAR (W/kg)	4+6+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 0	WLAN2.4GHz Ant 1	WLAN5GHz Ant 0	WLAN5GHz Ant 1	Bluetooth Ant 0	Bluetooth Ant 1	Sub G								
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)								
Rest-on-Head	0.132	0.118	0.269	0.500	0.057	0.051	0.257	**0.507**	**1.026**	**0.889**	**0.644**	**0.583**	**0.814**	**0.577**	**0.808**

13.2 Body-Worn Accessory Exposure Conditions

<Rest-on-shirt Exposure Condition with SAM-twin Phantom>

Exposure Position	1	2	3	4	5	6	7	1+2+7 Summed 1g SAR (W/kg)	3+4+7 Summed 1g SAR (W/kg)	1+4+7 Summed 1g SAR (W/kg)	2+3+7 Summed 1g SAR (W/kg)	3+5+7 Summed 1g SAR (W/kg)	4+5+7 Summed 1g SAR (W/kg)	3+6+7 Summed 1g SAR (W/kg)	4+6+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 0	WLAN2.4GHz Ant 1	WLAN5GHz Ant 0	WLAN5GHz Ant 1	Bluetooth Ant 0	Bluetooth Ant 1	Sub G								
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)								
Back	0.026	0.033	0.216	0.181	0.009	0.009	0.257	**0.316**	**0.654**	**0.464**	**0.506**	**0.482**	**0.447**	**0.482**	**0.447**

<Pocketing Exposure Condition with SAM-twin Phantom>

Exposure Position	1	2	3	4	5	6	7	1+2+7 Summed 1g SAR (W/kg)	3+4+7 Summed 1g SAR (W/kg)	1+4+7 Summed 1g SAR (W/kg)	2+3+7 Summed 1g SAR (W/kg)	3+5+7 Summed 1g SAR (W/kg)	4+5+7 Summed 1g SAR (W/kg)	3+6+7 Summed 1g SAR (W/kg)	4+6+7 Summed 1g SAR (W/kg)	3+4+7 SPLSR	3+4+7 Case No
	WLAN2.4GHz Ant 0	WLAN2.4GHz Ant 1	WLAN5GHz Ant 0	WLAN5GHz Ant 1	Bluetooth Ant 0	Bluetooth Ant 1	Sub G										
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)										
Front	0.283	0.215	1.049	0.761	0.107	0.053	0.257	**0.755**	2.067	**1.301**	**1.521**	**1.413**	**1.125**	**1.359**	**1.071**	0.02	Case 1

<Pocketing (in case) Exposure Condition with SAM-twin Phantom>

Exposure Position	1	2	3	4	5	6	7	1+2+7 Summed 1g SAR (W/kg)	3+4+7 Summed 1g SAR (W/kg)	1+4+7 Summed 1g SAR (W/kg)	2+3+7 Summed 1g SAR (W/kg)	3+5+7 Summed 1g SAR (W/kg)	4+5+7 Summed 1g SAR (W/kg)	3+6+7 Summed 1g SAR (W/kg)	4+6+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 0	WLAN2.4GHz Ant 1	WLAN5GHz Ant 0	WLAN5GHz Ant 1	Bluetooth Ant 0	Bluetooth Ant 1	Sub G								
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)								
Top edge Clamshell	0.001	0.001	0.001	0.002	0.001	0.001	0.257	**0.259**	**0.260**	**0.260**	**0.259**	**0.259**	**0.260**	**0.259**	**0.260**
Bottom edge Clamshell	0.001	0.001	0.001	0.002	0.001	0.001	0.257	**0.259**	**0.260**	**0.260**	**0.259**	**0.259**	**0.260**	**0.259**	**0.260**
Front edge Triangle	0.071	0.053	0.203	0.188	0.012	0.008	0.257	**0.381**	**0.648**	**0.516**	**0.513**	**0.472**	**0.457**	**0.468**	**0.453**
Back edge Triangle	0.001	0.001	0.098	0.082	0.001	0.001	0.257	**0.259**	**0.437**	**0.340**	**0.356**	**0.356**	**0.340**	**0.356**	**0.340**
Bottom edge Triangle	0.001	0.001	0.050	0.125	0.001	0.001	0.257	**0.259**	**0.432**	**0.383**	**0.308**	**0.308**	**0.383**	**0.308**	**0.383**

13.3 Handheld Exposure Conditions

<Handheld (in case) Exposure Condition with SAM-twin Phantom>

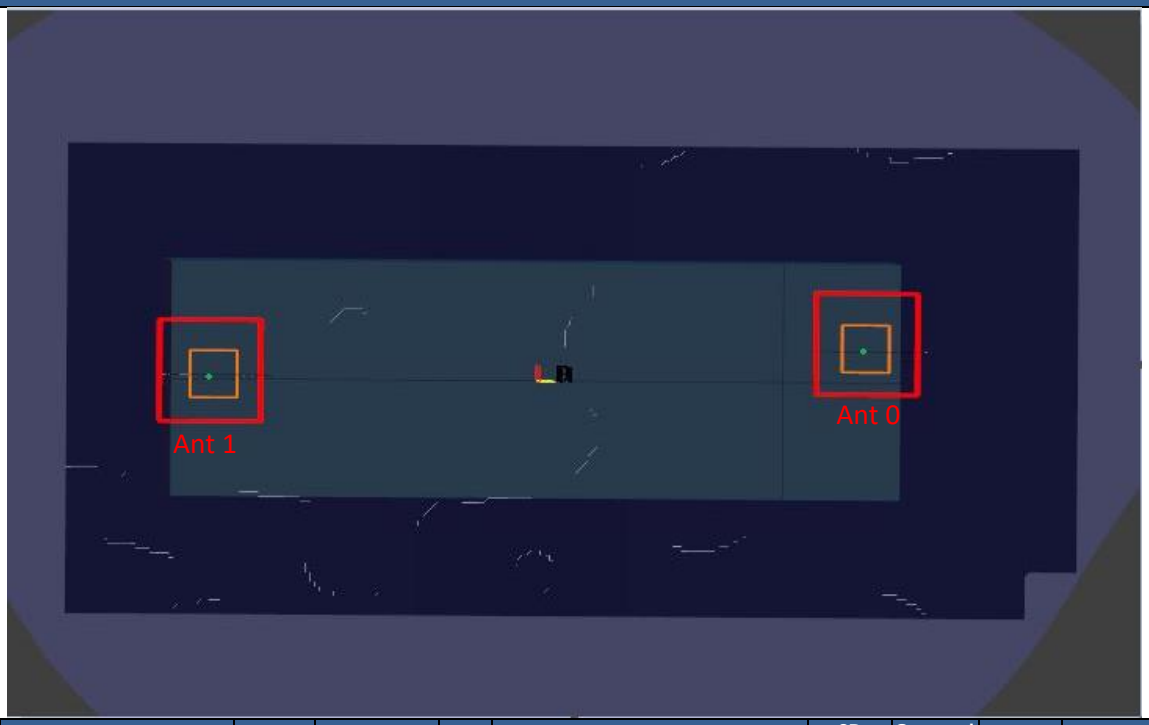
Exposure Position	1	2	3	4	5	6	7	1+2+7 Summed 10g SAR (W/kg)	3+4+7 Summed 10g SAR (W/kg)	1+4+7 Summed 10g SAR (W/kg)	2+3+7 Summed 10g SAR (W/kg)	3+5+7 Summed 10g SAR (W/kg)	4+5+7 Summed 10g SAR (W/kg)	3+6+7 Summed 10g SAR (W/kg)	4+6+7 Summed 10g SAR (W/kg)
	WLAN2.4GHz Ant 0	WLAN2.4GHz Ant 1	WLAN5GHz Ant 0	WLAN5GHz Ant 1	Bluetooth Ant 0	Bluetooth Ant 1	Sub G								
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	Estimated 10g SAR (W/kg)								
Top edge Clamshell	0.001	0.001	0.001	0.001	0.001	0.001	0.103	**0.105**	**0.105**	**0.105**	**0.105**	**0.105**	**0.105**	**0.105**	**0.105**
Bottom edge Clamshell	0.001	0.001	0.001	0.001	0.001	0.001	0.103	**0.105**	**0.105**	**0.105**	**0.105**	**0.105**	**0.105**	**0.105**	**0.105**
Front edge Clamshell	0.001	0.001	0.016	0.015	0.001	0.001	0.103	**0.105**	**0.134**	**0.119**	**0.120**	**0.120**	**0.119**	**0.120**	**0.119**
Back edge Clamshell	0.001	0.001	0.029	0.023	0.001	0.001	0.103	**0.105**	**0.155**	**0.127**	**0.133**	**0.133**	**0.127**	**0.133**	**0.127**
Left edge Clamshell	0.001	0.001	0.049	0.032	0.001	0.001	0.103	**0.105**	**0.184**	**0.136**	**0.153**	**0.153**	**0.136**	**0.153**	**0.136**
Right edge Clamshell	0.001	0.001	0.052	0.001	0.001	0.001	0.103	**0.105**	**0.156**	**0.105**	**0.156**	**0.156**	**0.105**	**0.156**	**0.105**
Front edge Triangle	0.001	0.001	0.139	0.121	0.001	0.001	0.103	**0.105**	**0.363**	**0.225**	**0.243**	**0.243**	**0.225**	**0.243**	**0.225**
Back edge Triangle	0.001	0.001	0.094	0.028	0.001	0.001	0.103	**0.105**	**0.225**	**0.132**	**0.198**	**0.198**	**0.132**	**0.198**	**0.132**
Left edge Triangle	0.001	0.095	0.001	0.214	0.001	0.014	0.103	**0.199**	**0.318**	**0.318**	**0.199**	**0.105**	**0.318**	**0.118**	**0.331**
Right edge Triangle	0.034	0.001	0.170	0.001	0.003	0.001	0.103	**0.138**	**0.274**	**0.138**	**0.274**	**0.276**	**0.107**	**0.274**	**0.105**
Bottom edge Triangle	0.001	0.070	0.033	0.104	0.001	0.001	0.103	**0.174**	**0.240**	**0.208**	**0.206**	**0.137**	**0.208**	**0.137**	**0.208**

13.4 SPLSR Evaluation and Analysis

General Note:

1. Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneously transmitting antenna. When the sum of 1-g or 10-g SAR of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit, SAR test exclusion applies to that simultaneous transmission configuration. Therefore, the adjacent transmit antennas will be summed first, and then the SPLSR calculation will be evaluated with the farther transmitted antennas.
2. SPLSR = $(SAR_1 + SAR_2)^{1.5}$ / (*min. separation distance, mm*). If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary
3. The detail hotspot point for each transmitter in each exposure condition are showing as below figure and the minimum 3D distance for each sum combination is used for SPLSR analysis.

Front hotspot point



Case 1	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (mm) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WLAN5GHz Ant 0	Front	1.049	5mm	-31.7	69.7	-207.0	138.3	2.07	0.02	Not required
	WLAN5GHz Ant 1 + Sub-G		1.018	5mm	-25.9	-68.5	-207.0				

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14. 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**

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

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

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

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