

FCC SAR TEST REPORT

FCC ID : QXO-AP5060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5060U
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina United States 27560
Standard : FCC 47 CFR Part 2 (2.1093)

The product was received on Sep. 09, 2025 and testing was started from Oct. 01, 2025 and completed on Dec. 16, 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



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Table of Contents

1. Statement of Compliance	4
2. Guidance Applied.....	4
3. Equipment Under Test (EUT) Information	5
3.1 General Information	5
4. RF Exposure Limits.....	6
4.1 Uncontrolled Environment.....	6
4.2 Controlled Environment.....	6
4.3 RF Exposure limit for above 6GHz.....	7
5. Specific Absorption Rate (SAR).....	8
5.1 Introduction	8
5.2 SAR Definition.....	8
6. System Description and Setup	9
6.1 Test Site Location	9
6.2 E-Field Probe	10
6.3 Data Acquisition Electronics (DAE).....	10
6.4 Phantom.....	11
6.5 Device Holder.....	12
7. Measurement Procedures	13
7.1 Spatial Peak SAR Evaluation.....	13
7.2 Power Reference Measurement.....	14
7.3 Area Scan	14
7.4 Zoom Scan.....	15
7.5 Volume Scan Procedures	15
7.6 Power Drift Monitoring.....	15
8. Test Equipment List.....	16
9. System Verification	17
9.1 Tissue Verification.....	17
9.2 System Performance Check Results.....	18
9.3 PD System Performance Check Results.....	19
10. WiFi/Bluetooth Output Power (Unit: dBm)	20
11. SAR Test Results	60
11.1 Body SAR	61
11.2 Extremity SAR.....	65
11.3 6GHz PD SAR Result	69
12. Simultaneous Transmission Analysis	70
12.1 Body Exposure Conditions	71
12.2 Extremity Exposure Conditions	73
13. Uncertainty Assessment	75
14. References.....	78
Appendix A. Plots of System Performance Check	
Appendix B. Plots of High SAR Measurement	
Appendix C. DASY Calibration Certificate	
Appendix D. Test Setup Photos	

History of this test report

Report No.	Version	Description	Issued Date
FA561916-01	01	Initial issue of report	Jan. 28, 2026



1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for Extreme Networks, Inc., Access Point, AP5060U, are as follows.

Frequency Band	Highest SAR Summary		Highest Simultaneous Transmission 1g SAR (W/kg)	Highest Simultaneous Transmission 10g SAR (W/kg)
	Body (Separation 25mm)	Extremity (Separation 0mm)		
	1g SAR (W/kg)	10g SAR (W/kg)		
2.4GHz WLAN	0.37	0.53	1.46	3.59
5GHz WLAN	0.67	1.60	1.53	3.90
6GHz WLAN	0.15	0.35	1.53	3.90
Bluetooth	0.01	0.01	1.49	3.84
802.15.4	0.06	0.07	1.53	3.90
Frequency Band	Body	Extremity	Reported PD (mW/cm^2)	
	Reported APD (mW/cm^2)			
6GHz WLAN	0.14	0.77	0.67	
Date of Testing:	2025/10/01 ~ 2025/12/16			

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation and the FCC designation No. TW3786 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC test. This device is in compliance with Specific Absorption Rate (SAR) general population/uncontrolled exposure limits (1.6 W/kg for Partial-Body 1g SAR) specified in FCC 47 CFR part 2 (2.1093), Human Exposure to RF Radiation Limits (1.0 mW/cm²=10 W/m²) specified in FCC 47 CFR part 1.1310 and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications.

Reviewed by: Jason Wang
Report Producer: Paula Chen

2. 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
- IEC/IEEE 62209-1528:2020
- SPEAG DASY6 System Handbook
- SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)

3. Equipment Under Test (EUT) Information

3.1 General Information

Product Feature & Specification	
Equipment Name	Access Point
Brand Name	Extreme Networks
Model Name	AP5060U
FCC ID	QXO-AP5060
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 5.8 GHz Band: 5725 MHz ~ 5850 MHz WLAN 6GHz Band: 5925MHz~6425MHz,6425 MHz~6525 MHz,6525 MHz~6875 MHz,6875MHz~7125 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz 802.15.4: 2405 MHz ~2480 MHz
Mode	WLAN: 802.11a/b/g/n/ac/ax HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160 Bluetooth LE 802.15.4: O-QPSK
Remark: The EUT has three radios, the information as following table.	

Radio	Function (Non-beamforming mode)			
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth / 802.15.4
1	V	V	V	-
2	-	V	-	-
3	-	-	V	-
4	V	V	V	-
5	-	-	-	V

Radio	Function (Beamforming mode)			
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth / 802.15.4
1	V	V	V	-
2	-	V	-	-
3	-	-	V	-
4	-	-	-	-
5	-	-	-	V

4. RF Exposure Limits

4.1 Uncontrolled Environment

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

4.2 Controlled Environment

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

Limits for Occupational/Controlled Exposure (W/kg)

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

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

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

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

4.3 RF Exposure limit for above 6GHz

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

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

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

5. 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:

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

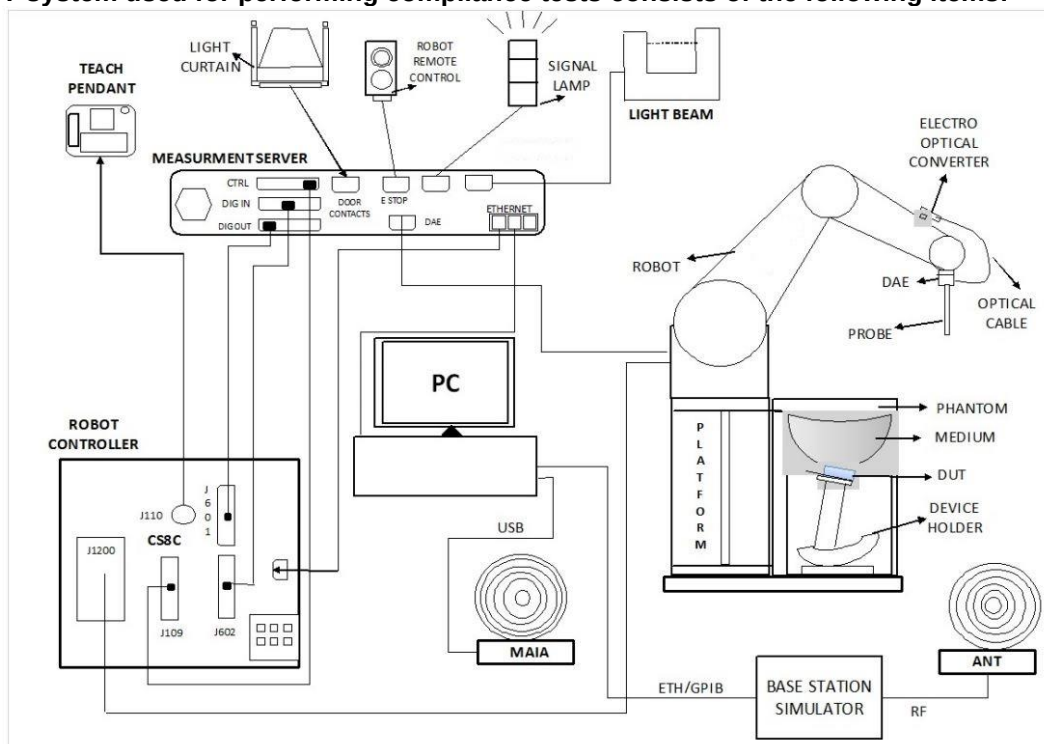
SAR is expressed in units of Watts per kilogram (W/kg)

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

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

6. System Description and Setup

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



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

6.1 Test Site Location

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

Laboratory	EMC & Wireless Communications Laboratory		Wensan Laboratory					
Test Site Location	TW1190		TW3786					
	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan		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 μ W/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 μ W/g – > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 μ W/g)	
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: 2.5 mm (body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm	

6.3 Data Acquisition Electronics (DAE)

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

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



Fig 5.1 Photo of DAE

6.4 Phantom

< SAM Twin Phantom >

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

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

< ELI Phantom >

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

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

6.5 Device Holder

< Mounting Device for Hand-Held Transmitter >

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



Mounting Device for Hand-Held Transmitters



Mounting Device Adaptor for Wide-Phones

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

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



Mounting Device for Laptops

7. Measurement Procedures

The measurement procedures are as follows:

- (a) Configure the device RF transmitters to be in continuous transmission mode., 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 from 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	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5$ mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: 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 $\leq$ 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 to 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 whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the zoom scan evaluates the averaged SAR for 1 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: $\Delta x_{\text{Zoom}}, \Delta y_{\text{Zoom}}$			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{\text{Zoom}}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm
Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.				
* When zoom scan is required and the <i>reported</i> SAR from the <i>area scan based 1-g SAR estimation</i> procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

7.5 Volume Scan Procedures

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

7.6 Power Drift Monitoring

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

8. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	2450MHz System Validation Kit	D2450V2	736	Aug. 15, 2024	Aug. 13, 2026
SPEAG	2450MHz System Validation Kit	D2450V2	929	Nov. 21, 2022	Nov. 18, 2025
SPEAG	5GHz System Validation Kit	D5GHzV2	1006	Oct. 15, 2024	Oct. 13, 2026
SPEAG	6500MHz System Validation Kit	D6.5GHzV2	1003	Mar. 14, 2025	Mar. 13, 2026
SPEAG	5G Verification Source	10GHz	1020	Jan. 14, 2025	Jan. 13, 2026
SPEAG	EUmmWV Probe Tip Protection	EUmmWV4	9461	Oct. 16, 2024	Oct. 15, 2025
SPEAG	Data Acquisition Electronics	DAE4	656	Jan. 16, 2025	Jan. 15, 2026
SPEAG	Data Acquisition Electronics	DAE4	699	Feb. 18, 2025	Feb. 17, 2026
SPEAG	Data Acquisition Electronics	DAE4	1424	Dec. 19, 2024	Dec. 18, 2025
SPEAG	Data Acquisition Electronics	DAE4	1805	May. 21, 2025	May. 20, 2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	3931	Nov. 19, 2024	Nov. 18, 2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7793	Feb. 18, 2025	Feb. 17, 2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7813	May. 21, 2025	May. 20, 2026
Testo	Hygro meter	608-H1	45142597	Jan. 09, 2025	Jan. 08, 2026
R&S	BT Base Station	CBT	100815	Feb. 26, 2025	Feb. 25, 2026
SPEAG	Device Holder	N/A	N/A	N/A	N/A
Anritsu	Signal Generator	MG3692C	113508	Jan. 22, 2025	Jan. 21, 2026
Keysight	ENA Network Analyzer	E5071C	MY46104758	Oct. 20, 2024	Oct. 19, 2025
Keysight	ENA Network Analyzer	E5071C	MY46104758	Oct. 14, 2025	Oct. 13, 2026
SPEAG	Dielectric Probe Kit	DAK-3.5	1146	Jul. 14, 2025	Jul. 13, 2026
LINE SEIKI	Digital Thermometer	DTM3000-spezial	3690	Aug. 14, 2025	Aug. 13, 2026
Anritsu	Power Meter	ML2495A	1804003	Aug. 18, 2025	Aug. 17, 2026
Anritsu	Power Sensor	MA2411B	1726150	Aug. 18, 2025	Aug. 17, 2026
Anritsu	Spectrum Analyzer	MS2830A	6201396378	Jul. 09, 2025	Jul. 08, 2026
Mini-Circuits	Power Amplifier	ZVE-8G+	D120604	2024/10/16	Oct. 15, 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.

9. System Verification

9.1 Tissue Verification

The tissue dielectric parameters of tissue-equivalent media used for SAR measurements must be characterized within a temperature range of 18°C to 25°C, 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°C to 25°C and within $\pm 2^\circ\text{C}$ 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

The SPEAG Dasy Measurement system implement a SAR error compensation algorithm as documented in IEEE Std 1528-2013 to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, according to KDB 865664 D01 and IEC/IEEE 62209-1528, the tolerance for "Delta (σ)" and "Delta (ϵ_r)" can be relaxed to $\pm 10\%$

< Tissue Dielectric Parameter Check Results >

Frequency (MHz)	Liquid Temp. (°C)	Conductivity (σ)	Permittivity (ϵ_r)	Conductivity Target (σ)	Permittivity Target (ϵ_r)	Delta (σ) (%)	Delta (ϵ_r) (%)	Limit (%)	Date
2450	22.5	1.820	38.900	1.80	39.20	1.11	-0.77	± 10	2025/10/1
2450	22.2	1.820	38.300	1.80	39.20	1.11	-2.30	± 10	2025/10/13
2450	22.5	1.840	38.500	1.80	39.20	2.22	-1.79	± 10	2025/10/14
5250	22.5	4.620	35.500	4.71	35.95	-1.91	-1.25	± 10	2025/10/3
5250	22.5	4.66	35.7	4.71	35.95	-1.06	-0.70	± 10	2025/10/5
5250	22.5	4.73	36.1	4.71	35.95	0.42	0.42	± 10	2025/10/8
5250	22.5	4.720	36.700	4.71	35.95	0.21	2.09	± 10	2025/10/13
5250	22.5	4.940	36.600	4.71	35.95	4.88	1.81	± 10	2025/10/21
5250	22.5	4.550	35.300	4.71	35.95	-3.40	-1.81	± 10	2025/11/6
5250	22.5	4.360	35.900	4.71	35.95	-7.43	-0.14	± 10	2025/11/8
5250	22.5	4.580	38.500	4.71	35.95	-2.76	7.09	± 10	2025/11/17
5250	22.5	4.560	38.200	4.71	35.95	-3.18	6.26	± 10	2025/12/10
5250	22.5	4.520	38.100	4.71	35.95	-4.03	5.98	± 10	2025/12/11
5800	22.5	5.450	35.800	5.27	35.30	3.42	1.42	± 10	2025/10/9
5800	22.5	5.310	35.900	5.27	35.30	0.76	1.70	± 10	2025/10/13
5800	22.5	5.430	35.400	5.27	35.30	3.04	0.28	± 10	2025/10/20
5800	22.5	5.110	35.100	5.27	35.30	-3.04	-0.57	± 10	2025/11/6
5800	22.5	5.220	37.600	5.27	35.30	-0.95	6.52	± 10	2025/11/17
5800	22.5	5.200	37.300	5.27	35.30	-1.33	5.67	± 10	2025/12/10
5800	22.5	5.150	37.100	5.27	35.30	-2.28	5.10	± 10	2025/12/11
6500	22.5	5.930	32.900	6.07	34.50	-2.31	-4.64	± 10	2025/11/5
6500	22.5	6.010	36.000	6.07	34.50	-0.99	4.35	± 10	2025/12/12
6500	22.5	5.960	35.900	6.07	34.50	-1.81	4.06	± 10	2025/12/15

9.2 System Performance Check Results

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

Test Site	Date	Frequency (MHz)	Input Power (mW)	Dipole S/N	Probe S/N	DAE S/N	Measured 1g SAR (W/kg)	Targeted 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (%)
SAR-18	2025/10/1	2450	50	D2450V2-929	EX3DV4 - SN7793	DAE4 Sn1805	2.520	52.400	50.400	-3.817	1.200	24.700	24.000	-2.834
SAR-18	2025/10/13	2450	50	D2450V2-736	EX3DV4 - SN7793	DAE4 Sn1805	2.550	51.400	51.000	-0.778	1.200	24.200	24.000	-0.826
SAR-18	2025/10/14	2450	50	D2450V2-736	EX3DV4 - SN7793	DAE4 Sn1805	2.670	51.400	53.400	3.891	1.260	24.200	25.200	4.132
SAR-18	2025/10/3	5250	47	D5GHzV2-1006-5250	EX3DV4 - SN7793	DAE4 Sn1805	3.420	80.600	72.766	-9.720	0.970	22.800	20.638	-9.481
SAR-18	2025/10/5	5250	47	D5GHzV2-1006-5250	EX3DV4 - SN7793	DAE4 Sn1805	3.530	80.600	75.106	-6.816	1.010	22.800	21.489	-5.748
SAR-18	2025/10/8	5250	47	D5GHzV2-1006-5250	EX3DV4 - SN7793	DAE4 Sn1805	3.510	80.600	74.681	-7.344	0.999	22.800	21.255	-6.775
SAR-18	2025/10/13	5250	47	D5GHzV2-1006-5250	EX3DV4 - SN7793	DAE4 Sn1805	3.600	80.600	76.596	-4.968	1.040	22.800	22.128	-2.949
SAR-18	2025/10/21	5250	47	D5GHzV2-1006-5250	EX3DV4 - SN7793	DAE4 Sn1805	3.880	80.600	82.553	2.423	1.120	22.800	23.830	4.517
SAR-18	2025/11/6	5250	50	D5GHzV2-1006-5250	EX3DV4 - SN7793	DAE4 Sn1805	3.780	80.600	75.600	-6.203	1.090	22.800	21.800	-4.386
SAR-18	2025/11/8	5250	50	D5GHzV2-1006-5250	EX3DV4 - SN7793	DAE4 Sn1805	4.180	80.600	83.600	3.722	1.170	22.800	23.400	2.632
SAR-20	2025/11/17	5250	48	D5GHzV2-1006-5250	EX3DV4 - SN7813	DAE4 Sn1424	3.510	80.600	73.125	-9.274	1.010	22.800	21.042	-7.712
SAR-19	2025/12/10	5250	50	D5GHzV2-1006-5250	EX3DV4 - SN3931	DAE4 Sn656	3.680	80.600	73.600	-8.685	1.080	22.800	21.600	-5.263
SAR-19	2025/12/11	5250	50	D5GHzV2-1006-5250	EX3DV4 - SN3931	DAE4 Sn656	3.770	80.600	75.400	-6.452	1.100	22.800	22.000	-3.509
SAR-18	2025/10/9	5800	50	D5GHzV2-1006-5800	EX3DV4 - SN7793	DAE4 Sn1805	3.880	80.600	77.600	-3.722	1.100	22.700	22.000	-3.084
SAR-18	2025/10/13	5800	50	D5GHzV2-1006-5800	EX3DV4 - SN7793	DAE4 Sn1805	3.700	80.600	74.000	-8.189	1.060	22.700	21.200	-6.608
SAR-18	2025/10/20	5800	47	D5GHzV2-1006-5800	EX3DV4 - SN7793	DAE4 Sn1805	3.890	80.600	82.766	2.687	1.110	22.700	23.617	4.040
SAR-20	2025/11/6	5800	50	D5GHzV2-1006-5800	EX3DV4 - SN7813	DAE4 Sn1424	3.630	80.600	72.600	-9.926	1.040	22.700	20.800	-8.370
SAR-20	2025/11/17	5800	48	D5GHzV2-1006-5800	EX3DV4 - SN7813	DAE4 Sn1424	3.500	80.600	72.917	-9.533	0.994	22.700	20.708	-8.774
SAR-19	2025/12/10	5800	48	D5GHzV2-1006-5800	EX3DV4 - SN3931	DAE4 Sn656	3.680	80.600	76.667	-4.880	1.070	22.700	22.292	-1.799
SAR-19	2025/12/11	5800	50	D5GHzV2-1006-5800	EX3DV4 - SN3931	DAE4 Sn656	3.880	80.600	77.600	-3.722	1.120	22.700	22.400	-1.322
SAR-18	2025/11/5	6500	100	D6.5GHzV2-1003	EX3DV4 - SN7793	DAE4 Sn1805	26.600	294.000	266.000	-9.524	5.070	54.700	50.700	-7.313
SAR-19	2025/12/12	6500	100	D6.5GHzV2-1003	EX3DV4 - SN3931	DAE4 Sn656	27.400	294.000	274.000	-6.803	5.070	54.700	50.700	-7.313
SAR-19	2025/12/15	6500	100	D6.5GHzV2-1003	EX3DV4 - SN3931	DAE4 Sn656	27.300	294.000	273.000	-7.143	5.100	54.700	51.000	-6.764

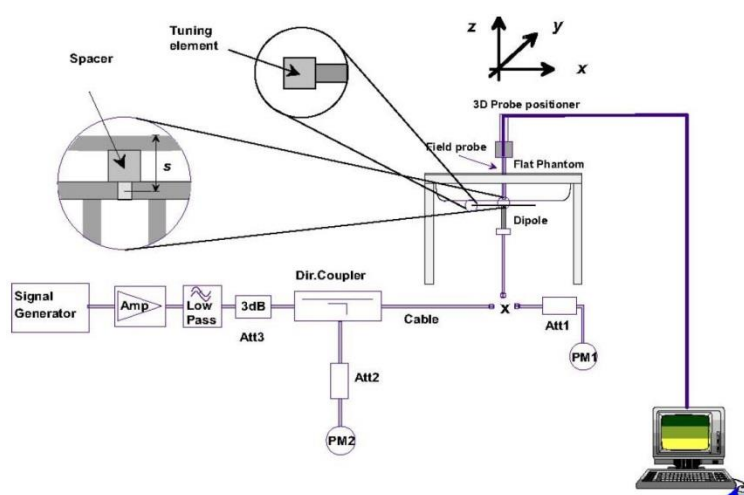


Fig 8.3.1 System Performance Check Setup



Fig 8.3.2 Setup Photo

9.3 PD System Performance Check Results

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

Test Location	Frequency (GHz)	5G Verification Source	Probe S/N	DAE S/N	Distance (mm)	Measured 4 cm ² (W/m ²)	Targeted 4 cm ² (W/m ²)	Deviation (dB)	Date
SAR14	10G	10GHz_1020	EUmmWV4-9461	DAE4-699	10mm	56.1	53.6	0.20	2025/12/16

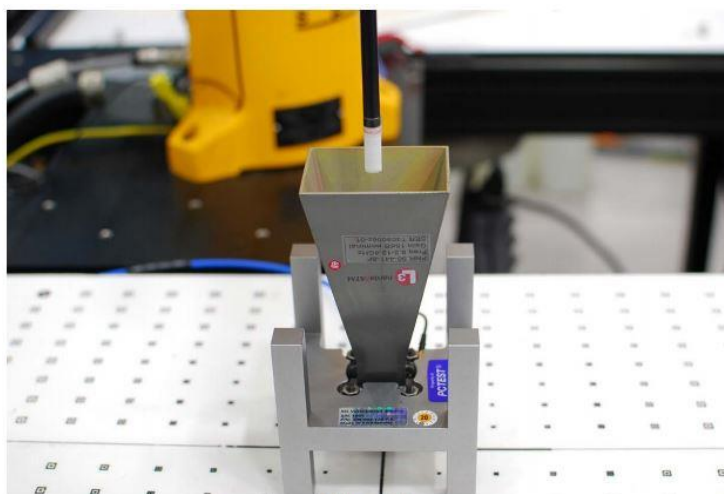


Figure 4-3
System Verification Setup Photo

System Performance Check Setup

10. WiFi/Bluetooth Output Power (Unit: dBm)

General Note:

1. 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.
2. 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).
3. 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.
4. 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.
5. 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)
6. In applying the test guidance, the IEEE 802.11 mode with the maximum output power (out of all modes) should be considered for testing
7. 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
8. 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

<Non-beamforming mode>
<Radio 1>

					Ant 1		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	Nss1	1	2412	23.22	23.50	93.50
		Nss1	6	2437	25.40	26.00	
		Nss1	10	2457	22.55	23.00	
		Nss1	11	2462	22.39	22.50	
	802.11g 6Mbps	Nss1	1	2412	20.45	20.50	53.90
		Nss1	6	2437	23.36	24.00	
		Nss1	10	2457	20.13	20.50	
		Nss1	11	2462	18.46	18.50	
	802.11be-EHT20 MCS0	Nss1	1	2412	20.69	21.00	90.70
		Nss1	6	2437	22.75	23.00	
		Nss1	10	2457	19.45	20.00	
		Nss1	11	2462	17.76	18.00	

					Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	Nss1	1	2412	21.10	22.50	22.20	22.50	24.70	25.50	93.50
		Nss1	2	2417	22.10	23.50	23.47	23.50	25.85	26.50	
		Nss1	6	2437	25.39	26.00	25.23	26.00	28.32	29.00	
		Nss1	11	2462	22.53	24.00	23.80	24.00	26.22	27.00	
	802.11g 6Mbps	Nss1	1	2412	16.56	18.00	17.94	18.00	20.31	21.00	53.90
		Nss1	2	2417	18.52	20.00	19.94	20.00	22.30	23.00	
		Nss1	6	2437	22.07	23.50	23.28	23.50	25.73	26.50	
		Nss1	10	2457	17.86	19.50	19.30	19.50	21.65	22.50	
	802.11be-EHT20 MCS0	Nss1	11	2462	17.17	18.50	18.25	18.50	20.75	21.50	90.70
		Nss2	1	2412	18.86	20.00	19.98	20.00	22.47	23.00	
		Nss2	6	2437	21.98	23.00	22.84	23.00	25.44	26.00	
		Nss2	10	2457	18.27	19.50	19.47	19.50	21.92	22.50	
		Nss2	11	2462	17.18	18.50	18.48	18.50	20.89	21.50	

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	Nss1	1	2412	21.09	22.50	22.45	22.50	22.07	22.50	21.78	22.50	27.90	28.50	93.50
		Nss1	6	2437	23.42	24.00	23.98	24.00	23.76	24.00	23.92	24.00	29.80	30.00	
		Nss1	11	2462	21.51	23.00	22.96	23.00	22.47	23.00	22.35	23.00	28.37	29.00	
	802.11g 6Mbps	Nss1	1	2412	16.00	18.00	17.75	18.00	17.16	18.00	17.48	18.00	23.17	24.00	53.90
		Nss1	2	2417	17.91	19.50	19.40	19.50	18.98	19.50	19.09	19.50	24.90	25.50	
		Nss1	6	2437	21.77	23.00	22.85	23.00	22.40	23.00	22.51	23.00	28.42	29.00	
		Nss1	10	2457	17.34	18.50	18.49	18.50	17.60	18.50	18.23	18.50	23.96	24.50	
		Nss1	11	2462	16.67	18.00	17.75	18.00	16.99	18.00	17.75	18.00	23.34	24.00	
	802.11be-EHT20 MCS0	Nss1	1	2412	17.34	19.00	18.97	19.00	18.18	19.00	18.56	19.00	24.32	25.00	90.70
		Nss1	2	2417	20.60	22.00	21.97	22.00	21.29	22.00	21.78	22.00	27.46	28.00	
		Nss1	6	2437	21.13	22.50	22.25	22.50	21.72	22.50	22.14	22.50	27.85	28.50	
		Nss1	10	2457	20.10	21.00	20.97	21.00	20.07	21.00	20.37	21.00	26.41	27.00	
		Nss1	11	2462	17.63	19.00	18.82	19.00	17.87	19.00	18.25	19.00	24.19	25.00	

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11be-EHT20 MCS0	Nss4	1	2412	17.82	19.50	19.45	19.50	18.56	19.50	18.84	19.50	24.73	25.50	90.70
		Nss4	6	2437	20.92	22.00	21.98	22.00	21.55	22.00	21.95	22.00	27.64	28.00	
		Nss4	11	2462	19.06	20.50	20.28	20.50	19.38	20.50	19.59	20.50	25.62	26.50	

Indoor

5.2GHz WLAN	Mode	Nss	Channel	Frequency (MHz)	Ant 1		
					Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	18.51	19.00	52.60
		Nss1	40	5200	20.96	21.00	
		Nss1	44	5220	20.97	21.00	
		Nss1	48	5240	20.94	21.00	
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss1	36	5180	17.35	17.50	90.10
		Nss1	40	5200	20.07	20.50	
		Nss1	44	5220	20.68	21.50	
		Nss1	48	5240	21.29	21.50	
5.2GHz WLAN	802.11be-EHT40 MCS0	Nss1	38	5190	15.15	15.50	89.70
		Nss1	46	5230	16.87	17.00	
5.2GHz WLAN	802.11be-EHT80 MCS0	Nss1	42	5210	15.27	15.50	89.70

Indoor

5.2GHz WLAN	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	18.05	19.00	18.81	19.00	21.46	22.00	52.60
		Nss1	40	5200	18.41	19.00	18.99	19.00	21.72	22.00	
		Nss1	44	5220	20.02	20.50	20.38	20.50	23.21	23.50	
		Nss1	48	5240	21.28	21.50	21.49	21.50	24.40	24.50	
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss2	36	5180	17.71	19.00	18.60	19.00	21.19	22.00	90.10
		Nss2	40	5200	18.25	19.00	18.98	19.00	21.64	22.00	
		Nss2	44	5220	20.47	20.50	20.41	20.50	23.45	23.50	
		Nss2	48	5240	21.55	22.00	21.44	22.00	24.51	25.00	
5.2GHz WLAN	802.11be-EHT40 MCS0	Nss2	38	5190	15.79	16.00	15.98	16.00	18.90	19.00	89.70
		Nss2	46	5230	17.24	17.50	17.42	17.50	20.34	20.50	
5.2GHz WLAN	802.11be-EHT80 MCS0	Nss2	42	5210	16.51	17.00	16.98	17.00	19.76	20.00	89.70

Indoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	18.17	19.00	18.94	19.00	18.95	19.00	17.98	19.00	24.55	25.00	52.60
		Nss1	40	5200	18.16	19.00	18.92	19.00	18.96	19.00	17.67	19.00	24.48	25.00	
		Nss1	44	5220	18.15	19.00	18.90	19.00	18.89	19.00	17.63	19.00	24.45	25.00	
		Nss1	48	5240	18.15	19.00	18.74	19.00	18.95	19.00	17.75	19.00	24.44	25.00	
	802.11be-EHT20 MCS0	Nss1	36	5180	18.37	19.00	18.81	19.00	18.88	19.00	17.95	19.00	24.54	25.00	90.10
		Nss1	40	5200	18.40	19.00	18.98	19.00	18.39	19.00	18.30	19.00	24.55	25.00	
		Nss1	44	5220	18.33	19.50	19.40	19.50	19.32	19.50	17.92	19.50	24.81	25.50	
	802.11be-EHT40 MCS0	Nss1	48	5240	18.80	19.50	19.31	19.50	19.33	19.50	18.14	19.50	24.94	25.50	89.70
		Nss1	38	5190	15.41	16.00	15.78	16.00	15.98	16.00	15.44	16.00	21.68	22.00	
	802.11be-EHT80 MCS0	Nss1	46	5230	17.08	17.50	17.47	17.50	17.49	17.50	17.27	17.50	23.35	23.50	
		Nss1	42	5210	14.26	15.00	14.98	15.00	14.57	15.00	14.12	15.00	20.52	21.00	89.70

Indoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss4	36	5180	18.64	19.00	18.96	19.00	18.97	19.00	18.48	19.00	24.79	25.00	90.10
		Nss4	40	5200	18.65	19.00	18.97	19.00	18.85	19.00	18.33	19.00	24.73	25.00	
		Nss4	44	5220	18.52	19.50	19.31	19.50	19.48	19.50	18.13	19.50	24.92	25.50	
		Nss4	48	5240	18.75	19.50	19.34	19.50	19.40	19.50	18.25	19.50	24.98	25.50	
	802.11be-EHT40 MCS0	Nss4	38	5190	15.80	16.00	16.00	16.00	15.99	16.00	15.40	16.00	21.82	22.00	89.70
		Nss4	46	5230	17.43	17.50	17.46	17.50	17.48	17.50	17.41	17.50	23.47	23.50	
	802.11be-EHT80 MCS0	Nss4	42	5210	14.71	15.00	14.98	15.00	14.92	15.00	14.54	15.00	20.81	21.00	89.70
		Nss4	42	5210	14.71	15.00	14.98	15.00	14.92	15.00	14.54	15.00	20.81	21.00	

Indoor 6SD

					Ant 1		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	173	6815	10.94	12.00	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	10.81	12.00	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	10.62	12.00	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	10.95	12.00	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585			
	802.11be-EHT320 MCS0	Nss1	159	6745			

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	173	6815	8.41	8.5	8.39	8.5	11.41	11.50	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	8.42	8.5	8.34	8.5	11.39	11.50	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	8.48	8.5	7.95	8.5	11.23	11.50	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	8.33	8.5	8.21	8.5	11.28	11.50	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585							
		Nss1	159	6745							

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss2	173	6815	11.42	12.5	11.40	12.5	14.42	15.50	90.80
	802.11be-EHT40 MCS0	Nss2	171	6805	11.43	12.5	11.35	12.5	14.40	15.50	90.40
	802.11be-EHT80 MCS0	Nss2	167	6785	11.49	12.5	10.96	12.5	14.24	15.50	90.00
	802.11be-EHT160 MCS0	Nss2	143	6665	11.34	12.5	11.22	12.5	14.29	15.50	90.02
	802.11be-EHT320 MCS0	Nss2	127	6585							
		Nss2	159	6745							

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	173	6815	10.47	12	10.72	12	10.77	12	10.82	12	16.72	18.00	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	10.10	12	10.90	12	10.70	12	10.77	12	16.65	18.00	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	10.93	12	10.55	12	10.58	12	10.70	12	16.71	18.00	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	10.68	12	10.29	12	10.86	12	10.98	12	16.73	18.00	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585											
		Nss1	159	6745											

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss4	173	6815	10.74	12	10.87	12	10.68	12	10.90	12	16.82	18.00	90.80
	802.11be-EHT40 MCS0	Nss4	171	6805	10.30	12	10.92	12	10.67	12	10.98	12	16.75	18.00	90.40
	802.11be-EHT80 MCS0	Nss4	167	6785	10.94	12	10.63	12	10.79	12	10.86	12	16.83	18.00	90.00
	802.11be-EHT160 MCS0	Nss4	143	6665	10.73	12	10.36	12	10.85	12	10.80	12	16.71	18.00	90.02
	802.11be-EHT320 MCS0	Nss4	127	6585											
		Nss4	159	6745											

Outdoor

					Ant 1		
5.2GHz WLAN	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	Nss1	36	5180	15.97	16.50	52.60
		Nss1	40	5200	15.83	16.50	
		Nss1	44	5220	15.81	16.50	
		Nss1	48	5240	15.90	16.50	
	802.11be-EHT20 MCS0	Nss1	36	5180	15.54	16.50	90.10
		Nss1	40	5200	15.52	16.50	
		Nss1	44	5220	15.65	16.50	
		Nss1	48	5240	15.84	16.50	
	802.11be-EHT40 MCS0	Nss1	38	5190	15.15	16.50	89.70
		Nss1	46	5230	15.82	16.50	
	802.11be-EHT80 MCS0	Nss1	42	5210	15.27	16.50	89.70

Outdoor

					Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
5.2GHz WLAN	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	Nss1	36	5180	12.63	13.50	13.23	13.50	15.95	16.50	52.60
		Nss1	40	5200	12.36	13.50	13.24	13.50	15.83	16.50	
		Nss1	44	5220	12.33	13.50	13.14	13.50	15.76	16.50	
		Nss1	48	5240	12.40	13.50	13.18	13.50	15.82	16.50	
	802.11be-EHT20 MCS0	Nss2	36	5180	12.51	13.50	13.09	13.50	15.82	16.50	90.10
		Nss2	40	5200	12.53	13.50	13.11	13.50	15.84	16.50	
		Nss2	44	5220	12.55	13.50	13.01	13.50	15.80	16.50	
		Nss2	48	5240	12.64	13.50	13.06	13.50	15.87	16.50	
	802.11be-EHT40 MCS0	Nss2	38	5190	12.77	13.50	13.05	13.50	15.92	16.50	89.70
		Nss2	46	5230	12.76	13.50	12.82	13.50	15.80	16.50	
	802.11be-EHT80 MCS0	Nss2	42	5210	12.54	13.50	13.03	13.50	15.80	16.50	89.70

Outdoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	9.68	10.50	10.19	10.50	9.97	10.50	9.18	10.50	15.79	16.50	52.60
		Nss1	40	5200	9.58	10.50	10.48	10.50	10.34	10.50	9.22	10.50	15.96	16.50	
		Nss1	44	5220	9.55	10.50	9.97	10.50	10.25	10.50	9.11	10.50	15.76	16.50	
		Nss1	48	5240	9.66	10.50	9.98	10.50	10.28	10.50	9.08	10.50	15.79	16.50	
	802.11be-EHT20 MCS0	Nss1	36	5180	9.68	10.50	10.11	10.50	10.16	10.50	9.07	10.50	15.80	16.50	90.10
		Nss1	40	5200	9.81	10.50	10.34	10.50	10.25	10.50	9.33	10.50	15.97	16.50	
		Nss1	44	5220	9.73	10.50	9.89	10.50	10.23	10.50	9.17	10.50	15.79	16.50	
	802.11be-EHT40 MCS0	Nss1	48	5240	9.75	10.50	9.91	10.50	10.28	10.50	9.15	10.50	15.81	16.50	89.70
		Nss1	38	5190	9.55	10.50	9.83	10.50	10.43	10.50	9.39	10.50	15.84	16.50	
	802.11be-EHT80 MCS0	Nss1	46	5230	9.68	10.50	9.89	10.50	10.50	10.50	9.62	10.50	15.96	16.50	89.70
		Nss1	42	5210	9.89	10.50	10.14	10.50	9.95	10.50	9.12	10.50	15.81	16.50	

Outdoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss4	36	5180	9.70	10.50	10.17	10.50	10.31	10.50	9.19	10.50	15.88	16.50	90.10
		Nss4	40	5200	9.73	10.50	10.22	10.50	10.12	10.50	9.17	10.50	15.85	16.50	
		Nss4	44	5220	9.71	10.50	10.21	10.50	10.11	10.50	9.08	10.50	15.82	16.50	
		Nss4	48	5240	9.90	10.50	10.27	10.50	10.18	10.50	9.17	10.50	15.92	16.50	
	802.11be-EHT40 MCS0	Nss4	38	5190	9.65	10.50	10.05	10.50	10.33	10.50	9.61	10.50	15.94	16.50	89.70
		Nss4	46	5230	9.57	10.50	9.84	10.50	10.32	10.50	9.59	10.50	15.86	16.50	
	802.11be-EHT80 MCS0	Nss4	42	5210	9.82	10.50	10.34	10.50	9.95	10.50	9.11	10.50	15.85	16.50	89.70
		Nss4	42	5210	9.82	10.50	10.34	10.50	9.95	10.50	9.11	10.50	15.85	16.50	

Outdoor 6SD

WiFi 6E					Ant 1		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11be-EHT20 MCS0	Nss1	173	6815	10.94	12.00	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	10.81	12.00	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	10.62	12.00	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	10.95	12.00	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585			
		Nss1	159	6745			

Outdoor 6SD

WiFi 6E					Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11be-EHT20 MCS0	Nss1	173	6815	8.98	9	8.53	9	11.77	12.00	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	8.95	9	8.63	9	11.80	12.00	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	8.95	9	8.63	9	11.80	12.00	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	8.97	9	8.70	9	11.85	12.00	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585							
		Nss1	159	6745							

Outdoor 6SD

WiFi 6E					Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11be-EHT20 MCS0	Nss2	173	6815	11.98	12	11.57	12	14.79	15.00	90.80
	802.11be-EHT40 MCS0	Nss2	171	6805	11.94	12	11.59	12	14.78	15.00	90.40
	802.11be-EHT80 MCS0	Nss2	167	6785	11.96	12	11.64	12	14.81	15.00	90.00
	802.11be-EHT160 MCS0	Nss2	143	6665	11.98	12	11.71	12	14.86	15.00	90.02
	802.11be-EHT320 MCS0	Nss2	127	6585							
		Nss2	159	6745							

Outdoor 6SD

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
WiFi 6E	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11be-EHT20 MCS0	Nss1	173	6815	8.82	9	8.36	9	8.98	9	8.92	9	14.80	15.00	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	8.79	9	8.32	9	8.97	9	8.94	9	14.78	15.00	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	8.74	9	8.41	9	8.98	9	8.93	9	14.79	15.00	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	8.98	9	8.67	9	8.84	9	8.97	9	14.89	15.00	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585											
		Nss1	159	6745											

Outdoor 6SD

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
WiFi 6E	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11be-EHT20 MCS0	Nss4	173	6815	8.95	9	8.31	9	8.85	9	8.86	9	14.77	15.00	90.80
	802.11be-EHT40 MCS0	Nss4	171	6805	8.91	9	8.33	9	8.92	9	8.81	9	14.77	15.00	90.40
	802.11be-EHT80 MCS0	Nss4	167	6785	8.95	9	8.27	9	8.93	9	8.90	9	14.79	15.00	90.00
	802.11be-EHT160 MCS0	Nss4	143	6665	8.94	9	8.67	9	8.88	9	8.96	9	14.88	15.00	90.02
	802.11be-EHT320 MCS0	Nss4	127	6585											
		Nss4	159	6745											

<Non-Beamforming Mode>
<Radio 2>
Indoor

					Ant 1		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	18.98	19.00	52.60
		Nss1	40	5200	20.39	20.50	
		Nss1	44	5220	20.44	20.50	
		Nss1	48	5240	20.40	20.50	
	802.11be-EHT20 MCS0	Nss1	36	5180	19.65	20.00	90.10
		Nss1	40	5200	20.44	20.50	
		Nss1	44	5220	20.42	20.50	
		Nss1	48	5240	20.29	20.50	
	802.11be-EHT40 MCS0	Nss1	38	5190	18.88	19.00	89.99
		Nss1	46	5230	20.31	20.50	
	802.11be-EHT80 MCS0	Nss1	42	5210	18.13	18.50	89.70

Indoor

					Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	18.67	19.50	19.48	19.50	22.10	22.50	52.60
		Nss1	40	5200	19.45	21.00	20.87	21.00	23.23	24.00	
		Nss1	44	5220	19.75	21.00	20.81	21.00	23.32	24.00	
		Nss1	48	5240	19.78	21.00	20.81	21.00	23.34	24.00	
	802.11be-EHT20 MCS0	Nss2	36	5180	19.08	20.50	20.42	20.50	22.81	23.50	90.10
		Nss2	40	5200	19.86	21.50	21.45	21.50	23.74	24.50	
		Nss2	44	5220	20.46	21.50	21.49	21.50	24.02	24.50	
		Nss2	48	5240	20.30	21.50	21.49	21.50	23.95	24.50	
	802.11be-EHT40 MCS0	Nss2	38	5190	17.55	18.50	18.14	18.50	20.87	21.50	89.99
		Nss2	46	5230	20.27	21.00	20.75	21.00	23.53	24.00	
	802.11be-EHT80 MCS0	Nss2	42	5210	17.10	18.00	17.56	18.00	20.35	21.00	89.70

Indoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	18.17	19.50	19.47	19.50	18.77	19.50	18.56	19.50	24.79	25.50	52.60
		Nss1	40	5200	18.25	19.50	19.41	19.50	18.97	19.50	18.40	19.50	24.80	25.50	
		Nss1	44	5220	18.50	19.50	19.42	19.50	19.36	19.50	18.45	19.50	24.98	25.50	
		Nss1	48	5240	18.59	19.50	19.41	19.50	19.17	19.50	18.64	19.50	24.99	25.50	
	802.11be-EHT20 MCS0	Nss1	36	5180	18.27	19.50	19.47	19.50	19.01	19.50	18.49	19.50	24.86	25.50	90.10
		Nss1	40	5200	18.22	19.50	19.49	19.50	18.94	19.50	18.57	19.50	24.85	25.50	
		Nss1	44	5220	18.45	19.50	19.47	19.50	19.08	19.50	18.61	19.50	24.94	25.50	
		Nss1	48	5240	18.77	19.50	19.45	19.50	19.16	19.50	18.83	19.50	25.08	25.50	
	802.11be-EHT40 MCS0	Nss1	38	5190	17.05	18.00	17.74	18.00	16.54	18.00	17.24	18.00	23.18	24.00	89.99
		Nss1	46	5230	19.37	19.50	19.49	19.50	19.35	19.50	18.72	19.50	25.26	25.50	
	802.11be-EHT80 MCS0	Nss1	42	5210	15.38	16.50	16.01	16.50	15.00	16.50	16.12	16.50	21.67	22.50	89.70

Indoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss4	36	5180	18.24	19.50	19.43	19.50	18.95	19.50	18.56	19.50	24.84	25.50	90.10
		Nss4	40	5200	18.39	19.50	19.49	19.50	19.02	19.50	18.63	19.50	24.92	25.50	
		Nss4	44	5220	18.36	19.50	19.40	19.50	19.08	19.50	18.63	19.50	24.91	25.50	
		Nss4	48	5240	18.57	19.50	19.32	19.50	18.72	19.50	18.63	19.50	24.84	25.50	
	802.11be-EHT40 MCS0	Nss4	38	5190	17.53	18.00	17.94	18.00	17.43	18.00	17.15	18.00	23.54	24.00	89.99
		Nss4	46	5230	19.30	19.50	19.37	19.50	19.30	19.50	18.57	19.50	25.17	25.50	
	802.11be-EHT80 MCS0	Nss4	42	5210	15.83	16.50	16.48	16.50	15.96	16.50	16.03	16.50	22.10	22.50	89.70

Indoor

					Ant 1		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	Nss1	149	5745	20.42	20.50	52.60
		Nss1	157	5785	20.30	20.50	
		Nss1	165	5825	20.36	20.50	
	802.11be-EHT20 MCS0	Nss1	149	5745	20.41	20.50	90.10
		Nss1	157	5785	20.27	20.50	
		Nss1	165	5825	20.26	20.50	
	802.11be-EHT40 MCS0	Nss1	151	5755	20.17	20.50	89.99
		Nss1	159	5795	20.32	20.50	
	802.11be-EHT80 MCS0	Nss1	155	5775	19.07	19.50	89.70

Indoor

5.8GHz WLAN	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	Nss1	149	5745	18.00	19.00	18.95	19.00	21.51	22.00	52.60
		Nss1	157	5785	18.11	19.00	18.81	19.00	21.48	22.00	
		Nss1	165	5825	18.49	19.00	18.95	19.00	21.74	22.00	
	802.11be-EHT20 MCS0	Nss2	149	5745	18.27	19.00	18.98	19.00	21.65	22.00	90.10
		Nss2	157	5785	18.35	19.00	18.97	19.00	21.68	22.00	
		Nss2	165	5825	18.56	19.00	18.95	19.00	21.77	22.00	
	802.11be-EHT40 MCS0	Nss2	151	5755	18.87	19.00	18.94	19.00	21.92	22.00	89.99
		Nss2	159	5795	18.93	19.00	18.72	19.00	21.84	22.00	
	802.11be-EHT80 MCS0	Nss2	155	5775	18.51	19.00	18.94	19.00	21.74	22.00	89.70

Indoor

5.8GHz WLAN	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	Nss1	149	5745	19.40	20.50	20.41	20.50	20.29	20.50	20.23	20.50	26.12	26.50	52.60
		Nss1	157	5785	19.63	20.50	20.22	20.50	20.36	20.50	20.25	20.50	26.14	26.50	
		Nss1	165	5825	20.01	20.50	20.45	20.50	20.33	20.50	20.44	20.50	26.33	26.50	
	802.11be-EHT20 MCS0	Nss1	149	5745	19.50	20.50	20.38	20.50	20.34	20.50	20.43	20.50	26.20	26.50	90.10
		Nss1	157	5785	19.92	20.50	20.41	20.50	20.42	20.50	20.37	20.50	26.31	26.50	
		Nss1	165	5825	20.12	20.50	20.22	20.50	20.44	20.50	20.47	20.50	26.34	26.50	
	802.11be-EHT40 MCS0	Nss1	151	5755	19.26	19.50	19.32	19.50	19.20	19.50	19.39	19.50	25.31	25.50	89.99
		Nss1	159	5795	20.31	20.50	20.19	20.50	20.26	20.50	20.47	20.50	26.33	26.50	
	802.11be-EHT80 MCS0	Nss1	155	5775	17.78	18.50	18.16	18.50	18.19	18.50	18.17	18.50	24.10	24.50	89.70

Indoor

5.8GHz WLAN	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11be-EHT20 MCS0	Nss4	149	5745	19.67	20.50	20.49	20.50	20.36	20.50	20.29	20.50	26.23	26.50	90.10
		Nss4	157	5785	19.99	20.50	20.28	20.50	20.38	20.50	20.40	20.50	26.29	26.50	
		Nss4	165	5825	19.97	20.50	20.28	20.50	20.35	20.50	20.32	20.50	26.25	26.50	
	802.11be-EHT40 MCS0	Nss4	151	5755	19.41	20.00	19.60	20.00	19.63	20.00	19.69	20.00	25.60	26.00	89.99
		Nss4	159	5795	20.35	20.50	20.33	20.50	20.32	20.50	20.46	20.50	26.39	26.50	
	802.11be-EHT80 MCS0	Nss4	155	5775	18.35	19.00	18.56	19.00	18.45	19.00	18.71	19.00	24.54	25.00	89.70
		Nss4	155	5775	18.35	19.00	18.56	19.00	18.45	19.00	18.71	19.00	24.54	25.00	

Outdoor

					Ant 1		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	15.88	16.50	52.60
		Nss1	40	5200	15.88	16.50	
		Nss1	44	5220	15.83	16.50	
		Nss1	48	5240	16.07	16.50	
	802.11be-EHT20 MCS0	Nss1	36	5180	15.71	16.50	90.10
		Nss1	40	5200	16.05	16.50	
		Nss1	44	5220	15.93	16.50	
		Nss1	48	5240	15.97	16.50	
	802.11be-EHT40 MCS0	Nss1	38	5190	16.01	16.50	89.99
		Nss1	46	5230	16.00	16.50	
	802.11be-EHT80 MCS0	Nss1	42	5210	15.89	16.50	89.70

Outdoor

					Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	12.15	13.50	13.44	13.50	15.85	16.50	52.60
		Nss1	40	5200	12.40	13.50	13.35	13.50	15.91	16.50	
		Nss1	44	5220	12.41	13.50	13.33	13.50	15.90	16.50	
		Nss1	48	5240	12.47	13.50	13.31	13.50	15.92	16.50	
	802.11be-EHT20 MCS0	Nss2	36	5180	12.46	13.50	13.49	13.50	16.02	16.50	90.10
		Nss2	40	5200	12.66	13.50	13.37	13.50	16.04	16.50	
		Nss2	44	5220	12.61	13.50	13.35	13.50	16.01	16.50	
		Nss2	48	5240	12.59	13.50	13.18	13.50	15.91	16.50	
	802.11be-EHT40 MCS0	Nss2	38	5190	12.73	13.50	13.18	13.50	15.97	16.50	89.99
		Nss2	46	5230	12.89	13.50	13.09	13.50	16.00	16.50	
	802.11be-EHT80 MCS0	Nss2	42	5210	12.69	13.50	13.04	13.50	15.88	16.50	89.70

Outdoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	9.56	10.50	10.49	10.50	9.82	10.50	9.70	10.50	15.93	16.50	52.60
		Nss1	40	5200	9.45	10.50	10.24	10.50	9.90	10.50	9.84	10.50	15.89	16.50	
		Nss1	44	5220	9.44	10.50	10.25	10.50	9.92	10.50	9.83	10.50	15.89	16.50	
		Nss1	48	5240	9.71	10.50	10.38	10.50	10.00	10.50	9.88	10.50	16.02	16.50	
	802.11be-EHT20 MCS0	Nss1	36	5180	8.57	10.50	10.49	10.50	9.43	10.50	9.74	10.50	15.63	16.50	90.10
		Nss1	40	5200	9.31	10.50	9.75	10.50	9.90	10.50	9.53	10.50	15.65	16.50	
		Nss1	44	5220	9.31	10.50	9.66	10.50	9.81	10.50	9.51	10.50	15.60	16.50	
		Nss1	48	5240	9.03	10.50	10.49	10.50	9.69	10.50	10.12	10.50	15.89	16.50	
	802.11be-EHT40 MCS0	Nss1	38	5190	9.92	10.50	10.30	10.50	10.10	10.50	9.49	10.50	15.98	16.50	89.99
		Nss1	46	5230	10.18	10.50	10.12	10.50	9.64	10.50	10.03	10.50	16.02	16.50	
	802.11be-EHT80 MCS0	Nss1	42	5210	9.70	10.50	10.05	10.50	9.55	10.50	10.26	10.50	15.92	16.50	89.70

Outdoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss4	36	5180	9.44	10.50	10.43	10.50	9.95	10.50	10.05	10.50	16.00	16.50	90.10
		Nss4	40	5200	9.87	10.50	10.40	10.50	10.49	10.50	9.41	10.50	16.08	16.50	
		Nss4	44	5220	9.15	10.50	10.38	10.50	9.39	10.50	10.36	10.50	15.88	16.50	
		Nss4	48	5240	8.94	10.50	10.49	10.50	9.53	10.50	10.42	10.50	15.91	16.50	
	802.11be-EHT40 MCS0	Nss4	38	5190	9.93	10.50	10.36	10.50	10.09	10.50	9.54	10.50	16.01	16.50	89.99
		Nss4	46	5230	10.00	10.50	9.93	10.50	9.93	10.50	9.80	10.50	15.94	16.50	
	802.11be-EHT80 MCS0	Nss4	42	5210	9.65	10.50	9.72	10.50	9.62	10.50	10.49	10.50	15.91	16.50	89.70
		Nss4	42	5210	9.65	10.50	9.72	10.50	9.62	10.50	10.49	10.50	15.91	16.50	

<Non-Beamforming Mode>
<Radio 3>
Outdoor 6SD

					Ant 1		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	14.33	14.50	91.40
		Nss1	57	6235	14.21	14.50	
		Nss1	113	6515	14.90	15.00	
		Nss1	173	6815	14.27	14.50	
		Nss1	233	7115			
	802.11be-EHT40 MCS0	Nss1	3	5965	14.20	14.50	91.00
		Nss1	59	6245	14.17	14.50	
		Nss1	107	6485	14.96	15.00	
		Nss1	171	6805	14.19	14.50	
		Nss1	227	7085			
	802.11be-EHT80 MCS0	Nss1	7	5985	14.24	14.50	90.70
		Nss1	71	6305	14.28	14.50	
		Nss1	119	6545	14.93	15.00	
		Nss1	167	6785	14.95	15.00	
		Nss1	215	7025			
	802.11be-EHT160 MCS0	Nss1	15	6025	14.21	14.50	90.60
		Nss1	47	6185	14.33	14.50	
		Nss1	111	6505	14.98	15.00	
		Nss1	143	6665	14.81	15.00	
		Nss1	207	6985			
	802.11be-EHT320 MCS0	Nss1	31	6105	14.27	14.50	90.70
		Nss1	63	6265			
		Nss1	95	6425	14.36	14.50	
		Nss1	127	6585	14.97	15.00	
		Nss1	159	6745			
		Nss1	191	6905			



Outdoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	8.47	8.50	7.71	8.50	11.12	11.50	91.40
		Nss1	57	6235	8.46	8.50	7.80	8.50	11.15	11.50	
		Nss1	113	6515	8.98	9.00	8.45	9.00	11.73	12.00	
		Nss1	173	6815	8.47	8.50	7.78	8.50	11.15	11.50	
		Nss1	233	7115							
	802.11be-EHT40 MCS0	Nss1	3	5965	8.46	8.50	7.57	8.50	11.05	11.50	91.00
		Nss1	59	6245	8.41	8.50	8.07	8.50	11.25	11.50	
		Nss1	107	6485	8.97	9.00	8.41	9.00	11.71	12.00	
		Nss1	171	6805	8.45	8.50	7.97	8.50	11.23	11.50	
		Nss1	227	7085							
	802.11be-EHT80 MCS0	Nss1	7	5985	8.46	8.50	7.90	8.50	11.20	11.50	90.70
		Nss1	71	6305	8.46	8.50	8.04	8.50	11.27	11.50	
		Nss1	119	6545	9.34	9.50	8.65	9.50	12.02	12.50	
		Nss1	167	6785	9.48	9.50	8.89	9.50	12.21	12.50	
		Nss1	215	7025							
	802.11be-EHT160 MCS0	Nss1	15	6025	8.46	8.50	8.11	8.50	11.30	11.50	90.60
		Nss1	47	6185	8.47	8.50	8.17	8.50	11.33	11.50	
		Nss1	111	6505	8.96	9.00	8.13	9.00	11.58	12.00	
		Nss1	143	6665	9.32	9.50	9.18	9.50	12.26	12.50	
		Nss1	207	6985							
	802.11be-EHT320 MCS0	Nss1	31	6105	8.45	8.50	8.00	8.50	11.24	11.50	90.70
		Nss1	63	6265							
		Nss1	95	6425	8.44	8.50	7.94	8.50	11.21	11.50	
		Nss1	127	6585	8.91	9.00	8.77	9.00	11.85	12.00	
		Nss1	159	6745							
		Nss1	191	6905							



Outdoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss2	1	5955	11.48	11.50	10.72	11.50	14.13	14.50	91.40
		Nss2	57	6235	11.47	11.50	10.81	11.50	14.16	14.50	
		Nss2	113	6515	11.99	12.00	11.46	12.00	14.74	15.00	
		Nss2	173	6815	11.48	11.50	10.79	11.50	14.16	14.50	
		Nss2	233	7115							
	802.11be-EHT40 MCS0	Nss2	3	5965	11.47	11.50	10.58	11.50	14.06	14.50	91.00
		Nss2	59	6245	11.42	11.50	11.08	11.50	14.26	14.50	
		Nss2	107	6485	11.98	12.00	11.42	12.00	14.72	15.00	
		Nss2	171	6805	11.46	11.50	10.98	11.50	14.24	14.50	
		Nss2	227	7085							
	802.11be-EHT80 MCS0	Nss2	7	5985	11.47	11.50	10.91	11.50	14.21	14.50	90.70
		Nss2	71	6305	11.47	11.50	11.05	11.50	14.28	14.50	
		Nss2	119	6545	12.35	12.50	11.66	12.50	15.03	15.50	
		Nss2	167	6785	12.49	12.50	11.90	12.50	15.22	15.50	
		Nss2	215	7025							
	802.11be-EHT160 MCS0	Nss2	15	6025	11.47	11.50	11.12	11.50	14.31	14.50	90.60
		Nss2	47	6185	11.48	11.50	11.18	11.50	14.34	14.50	
		Nss2	111	6505	11.97	12.00	11.14	12.00	14.59	15.00	
		Nss2	143	6665	12.33	12.50	12.19	12.50	15.27	15.50	
		Nss2	207	6985							
	802.11be-EHT320 MCS0	Nss2	31	6105	11.46	11.50	11.01	11.50	14.25	14.50	90.70
		Nss2	63	6265							
		Nss2	95	6425	11.45	11.50	10.95	11.50	14.22	14.50	
		Nss2	127	6585	11.92	12.00	11.78	12.00	14.86	15.00	
		Nss2	159	6745							
		Nss2	191	6905							



Outdoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	8.48	8.50	7.79	8.50	8.14	8.50	8.28	8.50	14.20	14.50	91.40
		Nss1	57	6235	8.47	8.50	7.86	8.50	8.23	8.50	8.31	8.50	14.24	14.50	
		Nss1	113	6515	8.98	9.00	8.16	9.00	8.96	9.00	8.42	9.00	14.66	15.00	
		Nss1	173	6815	8.43	8.50	7.81	8.50	8.19	8.50	8.26	8.50	14.20	14.50	
		Nss1	233	7115											
	802.11be-EHT40 MCS0	Nss1	3	5965	7.99	8.00	7.60	8.00	7.65	8.00	7.77	8.00	13.78	14.00	91.00
		Nss1	59	6245	8.41	8.50	7.92	8.50	8.15	8.50	8.33	8.50	14.23	14.50	
		Nss1	107	6485	9.40	9.50	8.89	9.50	8.96	9.50	8.66	9.50	15.01	15.50	
		Nss1	171	6805	8.46	8.50	7.83	8.50	8.24	8.50	8.27	8.50	14.23	14.50	
		Nss1	227	7085											
	802.11be-EHT80 MCS0	Nss1	7	5985	8.49	8.50	8.20	8.50	7.91	8.50	7.84	8.50	14.14	14.50	90.70
		Nss1	71	6305	8.45	8.50	7.89	8.50	8.25	8.50	8.21	8.50	14.23	14.50	
		Nss1	119	6545	8.98	9.00	8.48	9.00	8.89	9.00	8.85	9.00	14.82	15.00	
		Nss1	167	6785	9.49	9.50	8.43	9.50	9.06	9.50	9.48	9.50	15.16	15.50	
		Nss1	215	7025											
	802.11be-EHT160 MCS0	Nss1	15	6025	8.48	8.50	8.13	8.50	7.84	8.50	7.90	8.50	14.12	14.50	90.60
		Nss1	47	6185	8.41	8.50	7.95	8.50	7.91	8.50	7.99	8.50	14.09	14.50	
		Nss1	111	6505	8.97	9.00	8.46	9.00	8.84	9.00	8.70	9.00	14.77	15.00	
		Nss1	143	6665	9.48	9.50	9.05	9.50	9.01	9.50	8.99	9.50	15.16	15.50	
		Nss1	207	6985											
	802.11be-EHT320 MCS0	Nss1	31	6105	8.48	8.50	7.62	8.50	8.15	8.50	8.13	8.50	14.13	14.50	90.70
		Nss1	63	6265											
		Nss1	95	6425	8.49	8.50	8.17	8.50	8.36	8.50	8.06	8.50	14.29	14.50	
		Nss1	127	6585	9.12	9.50	8.88	9.50	9.05	9.50	9.02	9.50	15.04	15.50	
		Nss1	159	6745											
		Nss1	191	6905											

Outdoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss4	1	5955	8.47	8.50	8.00	8.50	8.23	8.50	8.20	8.50	14.25	14.50	91.40
		Nss4	57	6235	8.43	8.50	8.15	8.50	8.32	8.50	8.27	8.50	14.31	14.50	
		Nss4	113	6515	8.97	9.00	8.04	9.00	8.98	9.00	8.35	9.00	14.62	15.00	
		Nss4	173	6815	8.36	8.50	8.14	8.50	8.29	8.50	8.25	8.50	14.28	14.50	
		Nss4	233	7115											
	802.11be-EHT40 MCS0	Nss4	3	5965	8.48	8.50	8.24	8.50	7.72	8.50	8.11	8.50	14.17	14.50	91.00
		Nss4	59	6245	8.47	8.50	8.38	8.50	8.12	8.50	8.26	8.50	14.33	14.50	
		Nss4	107	6485	8.98	9.00	8.74	9.00	8.76	9.00	8.28	9.00	14.72	15.00	
		Nss4	171	6805	8.42	8.50	8.32	8.50	8.07	8.50	8.17	8.50	14.27	14.50	
		Nss4	227	7085											
	802.11be-EHT80 MCS0	Nss4	7	5985	8.47	8.50	7.97	8.50	8.20	8.50	8.01	8.50	14.19	14.50	90.70
		Nss4	71	6305	8.46	8.50	8.29	8.50	8.09	8.50	8.15	8.50	14.27	14.50	
		Nss4	119	6545	8.97	9.00	8.85	9.00	8.75	9.00	8.84	9.00	14.87	15.00	
		Nss4	167	6785	9.48	9.50	8.66	9.50	9.23	9.50	9.42	9.50	15.23	15.50	
		Nss4	215	7025											
	802.11be-EHT160 MCS0	Nss4	15	6025	8.47	8.50	8.09	8.50	7.89	8.50	7.82	8.50	14.10	14.50	90.60
		Nss4	47	6185	8.46	8.50	8.14	8.50	8.15	8.50	8.00	8.50	14.21	14.50	
		Nss4	111	6505	8.95	9.00	8.21	9.00	8.97	9.00	8.69	9.00	14.74	15.00	
		Nss4	143	6665	9.29	9.50	9.14	9.50	9.22	9.50	9.05	9.50	15.20	15.50	
		Nss4	207	6985											
	802.11be-EHT320 MCS0	Nss4	31	6105	8.43	8.50	7.94	8.50	8.16	8.50	8.09	8.50	14.18	14.50	90.70
		Nss4	63	6265											
		Nss4	95	6425	8.47	8.50	8.01	8.50	8.11	8.50	8.30	8.50	14.25	14.50	
		Nss4	127	6585	8.99	9.00	8.21	9.00	8.79	9.00	8.97	9.00	14.77	15.00	
		Nss4	159	6745											
		Nss4	191	6905											

**Indoor 6SD**

					Ant 1		
WiFi 6E	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11be-EHT20 MCS0	Nss1	1	5955	14.83	15.00	91.40
		Nss1	57	6235	14.98	15.00	
		Nss1	113	6515	14.97	15.00	
		Nss1	173	6815	14.99	15.00	
		Nss1	233	7115			
	802.11be-EHT40 MCS0	Nss1	3	5965	14.87	15.00	91.00
		Nss1	59	6245	14.86	15.00	
		Nss1	107	6485	14.95	15.00	
		Nss1	171	6805	14.85	15.00	
		Nss1	227	7085			
	802.11be-EHT80 MCS0	Nss1	7	5985	14.94	15.00	90.70
		Nss1	71	6305	14.82	15.00	
		Nss1	119	6545	14.80	15.00	
		Nss1	167	6785	14.95	15.00	
		Nss1	215	7025			
	802.11be-EHT160 MCS0	Nss1	15	6025	14.88	15.00	90.60
		Nss1	47	6185	14.95	15.00	
		Nss1	111	6505	14.98	15.00	
		Nss1	143	6665	14.81	15.00	
		Nss1	207	6985			
	802.11be-EHT320 MCS0	Nss1	31	6105	14.98	15.00	90.70
		Nss1	63	6265			
		Nss1	95	6425	14.87	15.00	
		Nss1	127	6585	14.90	15.00	
		Nss1	159	6745			
		Nss1	191	6905			

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	10.84	11.00	10.50	11.00	13.68	14.00	91.40
		Nss1	57	6235	10.94	11.00	10.83	11.00	13.90	14.00	
		Nss1	113	6515	10.78	11.00	10.00	11.00	13.42	14.00	
		Nss1	173	6815	10.92	11.00	10.08	11.00	13.53	14.00	
		Nss1	233	7115							
	802.11be-EHT40 MCS0	Nss1	3	5965	10.97	11.00	10.26	11.00	13.64	14.00	91.00
		Nss1	59	6245	10.98	11.00	10.49	11.00	13.75	14.00	
		Nss1	107	6485	10.95	11.00	10.70	11.00	13.84	14.00	
		Nss1	171	6805	10.98	11.00	10.40	11.00	13.71	14.00	
		Nss1	227	7085							
	802.11be-EHT80 MCS0	Nss1	7	5985	10.93	11.00	10.75	11.00	13.85	14.00	90.70
		Nss1	71	6305	10.91	11.00	10.51	11.00	13.72	14.00	
		Nss1	119	6545	10.91	11.00	10.03	11.00	13.50	14.00	
		Nss1	167	6785	10.81	11.00	10.04	11.00	13.45	14.00	
		Nss1	215	7025							
	802.11be-EHT160 MCS0	Nss1	15	6025	10.65	11.00	10.89	11.00	13.78	14.00	90.60
		Nss1	47	6185	10.86	11.00	10.84	11.00	13.86	14.00	
		Nss1	111	6505	10.94	11.00	10.10	11.00	13.55	14.00	
		Nss1	143	6665	10.94	11.00	10.53	11.00	13.75	14.00	
		Nss1	207	6985							
	802.11be-EHT320 MCS0	Nss1	31	6105	10.95	11.00	10.67	11.00	13.82	14.00	90.70
		Nss1	63	6265							
		Nss1	95	6425	10.92	11.00	10.53	11.00	13.74	14.00	
		Nss1	127	6585	10.98	11.00	10.56	11.00	13.79	14.00	
		Nss1	159	6745							
		Nss1	191	6905							



Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss2	1	5955	13.85	14.50	13.51	14.50	16.69	17.50	91.40
		Nss2	57	6235	13.95	14.50	13.84	14.50	16.91	17.50	
		Nss2	113	6515	13.79	14.50	13.01	14.50	16.43	17.50	
		Nss2	173	6815	13.93	14.50	13.09	14.50	16.54	17.50	
		Nss2	233	7115							
	802.11be-EHT40 MCS0	Nss2	3	5965	13.98	14.50	13.27	14.50	16.65	17.50	91.00
		Nss2	59	6245	13.99	14.50	13.50	14.50	16.76	17.50	
		Nss2	107	6485	13.96	14.50	13.71	14.50	16.85	17.50	
		Nss2	171	6805	13.99	14.50	13.41	14.50	16.72	17.50	
		Nss2	227	7085							
	802.11be-EHT80 MCS0	Nss2	7	5985	13.94	14.50	13.76	14.50	16.86	17.50	90.70
		Nss2	71	6305	13.92	14.50	13.52	14.50	16.73	17.50	
		Nss2	119	6545	13.92	14.50	13.04	14.50	16.51	17.50	
		Nss2	167	6785	13.82	14.50	13.05	14.50	16.46	17.50	
		Nss2	215	7025							
	802.11be-EHT160 MCS0	Nss2	15	6025	13.66	14.50	13.90	14.50	16.79	17.50	90.60
		Nss2	47	6185	13.87	14.50	13.85	14.50	16.87	17.50	
		Nss2	111	6505	13.95	14.50	13.11	14.50	16.56	17.50	
		Nss2	143	6665	13.95	14.50	13.54	14.50	16.76	17.50	
		Nss2	207	6985							
	802.11be-EHT320 MCS0	Nss2	31	6105	13.96	14.50	13.68	14.50	16.83	17.50	90.70
		Nss2	63	6265							
		Nss2	95	6425	13.93	14.50	13.54	14.50	16.75	17.50	
		Nss2	127	6585	13.99	14.50	13.57	14.50	16.80	17.50	
		Nss2	159	6745							
		Nss2	191	6905							

**Indoor 6SD**

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	9.95	11.50	9.75	11.50	10.34	11.50	10.43	11.50	16.15	17.50	91.40
		Nss1	57	6235	9.83	11.50	9.72	11.50	10.03	11.50	10.41	11.50	16.03	17.50	
		Nss1	113	6515	10.44	11.50	9.55	11.50	10.42	11.50	9.83	11.50	16.10	17.50	
		Nss1	173	6815	10.04	11.50	9.68	11.50	10.05	11.50	10.47	11.50	16.09	17.50	
		Nss1	233	7115											
	802.11be-EHT40 MCS0	Nss1	3	5965	10.40	11.50	9.78	11.50	10.10	11.50	10.38	11.50	16.19	17.50	91.00
		Nss1	59	6245	9.58	11.50	9.52	11.50	10.48	11.50	9.80	11.50	15.88	17.50	
		Nss1	107	6485	10.08	11.50	9.56	11.50	10.47	11.50	10.00	11.50	16.06	17.50	
		Nss1	171	6805	10.23	11.50	9.86	11.50	10.28	11.50	10.49	11.50	16.24	17.50	
		Nss1	227	7085											
	802.11be-EHT80 MCS0	Nss1	7	5985	10.23	11.50	10.13	11.50	10.21	11.50	10.36	11.50	16.25	17.50	90.70
		Nss1	71	6305	10.24	11.50	9.76	11.50	10.00	11.50	10.40	11.50	16.13	17.50	
		Nss1	119	6545	10.48	11.50	9.76	11.50	9.98	11.50	10.47	11.50	16.20	17.50	
		Nss1	167	6785	9.91	11.50	9.56	11.50	9.76	11.50	10.40	11.50	15.94	17.50	
		Nss1	215	7025											
	802.11be-EHT160 MCS0	Nss1	15	6025	9.89	11.50	9.84	11.50	10.49	11.50	10.48	11.50	16.21	17.50	90.60
		Nss1	47	6185	9.83	11.50	9.94	11.50	10.47	11.50	10.41	11.50	16.19	17.50	
		Nss1	111	6505	10.44	11.50	9.51	11.50	10.01	11.50	10.24	11.50	16.08	17.50	
		Nss1	143	6665	10.12	11.50	10.07	11.50	10.44	11.50	10.42	11.50	16.29	17.50	
		Nss1	207	6985											
	802.11be-EHT320 MCS0	Nss1	31	6105	10.41	11.50	10.10	11.50	10.30	11.50	10.26	11.50	16.29	17.50	90.70
		Nss1	63	6265											
		Nss1	95	6425	10.17	11.50	10.13	11.50	10.45	11.50	10.21	11.50	16.26	17.50	
		Nss1	127	6585	9.81	11.50	9.61	11.50	9.94	11.50	10.46	11.50	15.99	17.50	
		Nss1	159	6745											
		Nss1	191	6905											

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss4	1	5955	10.04	11.50	9.69	11.50	10.33	11.50	10.34	11.50	16.13	17.50	91.40
		Nss4	57	6235	10.36	11.50	9.76	11.50	10.37	11.50	9.78	11.50	16.10	17.50	
		Nss4	113	6515	10.46	11.50	9.52	11.50	10.49	11.50	10.00	11.50	16.16	17.50	
		Nss4	173	6815	10.09	11.50	9.50	11.50	10.02	11.50	10.49	11.50	16.06	17.50	
		Nss4	233	7115											
	802.11be-EHT40 MCS0	Nss4	3	5965	10.36	11.50	9.76	11.50	10.38	11.50	10.13	11.50	16.19	17.50	91.00
		Nss4	59	6245	9.93	11.50	9.50	11.50	10.45	11.50	10.24	11.50	16.07	17.50	
		Nss4	107	6485	10.23	11.50	9.84	11.50	10.36	11.50	9.88	11.50	16.10	17.50	
		Nss4	171	6805	10.23	11.50	10.26	11.50	10.40	11.50	10.45	11.50	16.36	17.50	
		Nss4	227	7085											
	802.11be-EHT80 MCS0	Nss4	7	5985	10.30	11.50	10.29	11.50	10.48	11.50	10.44	11.50	16.40	17.50	90.70
		Nss4	71	6305	10.24	11.50	9.70	11.50	10.07	11.50	10.31	11.50	16.11	17.50	
		Nss4	119	6545	10.40	11.50	9.73	11.50	10.02	11.50	10.49	11.50	16.19	17.50	
		Nss4	167	6785	10.41	11.50	9.65	11.50	10.08	11.50	10.40	11.50	16.17	17.50	
		Nss4	215	7025											
	802.11be-EHT160 MCS0	Nss4	15	6025	10.31	11.50	10.22	11.50	10.46	11.50	10.32	11.50	16.35	17.50	90.60
		Nss4	47	6185	10.16	11.50	10.30	11.50	10.47	11.50	10.34	11.50	16.34	17.50	
		Nss4	111	6505	10.42	11.50	9.51	11.50	10.46	11.50	10.14	11.50	16.17	17.50	
		Nss4	143	6665	10.11	11.50	9.92	11.50	10.34	11.50	10.30	11.50	16.19	17.50	
		Nss4	207	6985											
	802.11be-EHT320 MCS0	Nss4	31	6105	10.46	11.50	10.34	11.50	10.31	11.50	10.50	11.50	16.42	17.50	90.70
		Nss4	63	6265											
		Nss4	95	6425	10.00	11.50	9.75	11.50	10.27	11.50	10.35	11.50	16.12	17.50	
		Nss4	127	6585	9.86	11.50	9.59	11.50	10.18	11.50	10.49	11.50	16.06	17.50	
		Nss4	159	6745											
		Nss4	191	6905											

<Non-Beamforming Mode>
<Radio 4>

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	Nss1	1	2412	22.54	23.50	23.29	23.50	25.94	26.50	92.90
		Nss1	2	2417	23.75	24.50	24.29	24.50	27.04	27.50	
		Nss1	6	2437	25.57	26.50	26.41	26.50	29.02	29.50	
		Nss1	10	2457	23.24	24.00	23.82	24.00	26.55	27.00	
		Nss1	11	2462	22.39	23.50	23.22	23.50	25.84	26.50	
	802.11g 6Mbps	Nss1	1	2412	17.86	19.00	18.73	19.00	21.33	22.00	53.90
		Nss1	2	2417	19.05	19.50	19.49	19.50	22.29	22.50	
		Nss1	6	2437	23.06	24.00	23.97	24.00	26.55	27.00	
		Nss1	10	2457	19.60	20.50	20.48	20.50	23.07	23.50	
		Nss1	11	2462	18.33	19.50	19.31	19.50	21.86	22.50	
	802.11be-EHT20 MCS0	Nss2	1	2412	16.63	18.00	17.53	18.00	20.11	21.00	91.00
		Nss2	2	2417	18.47	20.00	19.52	20.00	22.04	23.00	
		Nss2	6	2437	21.94	23.00	22.82	23.00	25.41	26.00	
		Nss2	10	2457	18.90	20.00	19.59	20.00	22.27	23.00	
		Nss2	11	2462	17.34	18.50	18.08	18.50	20.74	21.50	

Indoor

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	17.27	18.00	17.97	18.00	20.64	21.00	53.90
		Nss1	40	5200	20.72	22.00	21.53	22.00	24.15	25.00	
		Nss1	44	5220	22.22	22.50	22.48	22.50	25.36	25.50	
		Nss1	48	5240	23.73	24.00	23.82	24.00	26.79	27.00	
	802.11be-EHT20 MCS0	Nss2	36	5180	18.17	19.00	18.94	19.00	21.58	22.00	92.80
		Nss2	40	5200	20.67	22.00	21.53	22.00	24.13	25.00	
		Nss2	44	5220	22.43	23.00	22.35	23.00	25.40	26.00	
		Nss2	48	5240	23.89	24.50	23.68	24.50	26.80	27.50	
	802.11be-EHT40 MCS0	Nss2	38	5190	17.43	19.00	18.61	19.00	21.07	22.00	93.10
		Nss2	46	5230	20.66	21.50	21.24	21.50	23.97	24.50	
	802.11be-EHT80 MCS0	Nss2	42	5210	20.66	21.50	21.31	21.50	24.01	24.50	92.50

Indoor

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	Nss1	149	5745	25.67	26.00	25.07	26.00	28.39	29.00	53.90
		Nss1	157	5785	25.88	26.00	25.84	26.00	28.87	29.00	
		Nss1	165	5825	25.78	26.00	25.91	26.00	28.86	29.00	
	802.11be-EHT20 MCS0	Nss2	149	5745	25.79	26.00	25.78	26.00	28.80	29.00	92.80
		Nss2	157	5785	26.06	26.50	26.29	26.50	29.19	29.50	
		Nss2	165	5825	25.89	26.50	26.36	26.50	29.14	29.50	
	802.11be-EHT40 MCS0	Nss2	151	5755	22.87	23.00	22.82	23.00	25.86	26.00	93.10
		Nss2	159	5795	24.80	25.50	25.09	25.50	27.96	28.50	
	802.11be-EHT80 MCS0	Nss2	155	5775	20.17	20.50	19.67	20.50	22.94	23.50	92.50

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	17.97	18.00	17.28	18.00	20.65	21.00	90.80
		Nss1	57	6235	17.97	18.00	17.36	18.00	20.69	21.00	
		Nss1	113	6515	18.40	18.50	18.14	18.50	21.28	21.50	
		Nss1	173	6815	17.94	18.00	17.37	18.00	20.67	21.00	
		Nss1	233	7115							
	802.11be-EHT40 MCS0	Nss1	3	5965	17.46	17.50	16.84	17.50	20.17	20.50	90.50
		Nss1	59	6245	17.46	17.50	16.95	17.50	20.22	20.50	
		Nss1	107	6485	18.45	18.50	18.21	18.50	21.34	21.50	
		Nss1	171	6805	17.42	17.50	16.97	17.50	20.21	20.50	
		Nss1	227	7085							
	802.11be-EHT80 MCS0	Nss1	7	5985	18.22	19.00	18.77	19.00	21.51	22.00	90.30
		Nss1	71	6305	18.24	18.50	18.46	18.50	21.36	21.50	
		Nss1	119	6545	18.46	18.50	17.85	18.50	21.18	21.50	
		Nss1	167	6785	18.42	18.50	17.77	18.50	21.12	21.50	
		Nss1	215	7025							
	802.11be-EHT160 MCS0	Nss1	15	6025	18.34	18.50	18.47	18.50	21.42	21.50	90.10
		Nss1	47	6185	18.48	18.50	18.46	18.50	21.48	21.50	
		Nss1	111	6505	18.19	18.50	17.85	18.50	21.03	21.50	
		Nss1	143	6665	18.44	18.50	17.86	18.50	21.17	21.50	
		Nss1	207	6985							
	802.11be-EHT320 MCS0	Nss1	31	6105	18.54	19.00	18.59	19.00	21.58	22.00	90.20
		Nss2	63	6265							
		Nss1	95	6425	18.47	18.50	18.41	18.50	21.45	21.50	
		Nss1	127	6585	18.03	18.50	18.43	18.50	21.24	21.50	
		Nss1	159	6745							
		Nss1	191	6905							

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss2	1	5955	20.98	21.00	20.29	21.00	23.66	24.00	90.80
		Nss2	57	6235	20.98	21.00	20.34	21.00	23.68	24.00	
		Nss2	113	6515	21.41	22.50	21.15	22.50	24.29	25.50	
		Nss2	173	6815	20.95	21.00	20.38	21.00	23.68	24.00	
		Nss2	233	7115							
	802.11be-EHT40 MCS0	Nss2	3	5965	20.47	20.50	19.85	20.50	23.18	23.50	90.50
		Nss2	59	6245	20.47	20.50	19.92	20.50	23.21	23.50	
		Nss2	107	6485	21.46	22.50	21.22	22.50	24.35	25.50	
		Nss2	171	6805	20.43	20.50	19.98	20.50	23.22	23.50	
		Nss2	227	7085							
	802.11be-EHT80 MCS0	Nss2	7	5985	21.98	22.00	21.05	22.00	24.55	25.00	90.30
		Nss2	71	6305	21.98	22.00	21.26	22.00	24.65	25.00	
		Nss2	119	6545	21.47	22.50	20.86	22.50	24.19	25.50	
		Nss2	167	6785	21.43	22.50	20.78	22.50	24.13	25.50	
		Nss2	215	7025							
	802.11be-EHT160 MCS0	Nss2	15	6025	21.35	22.50	21.48	22.50	24.43	25.50	90.10
		Nss2	47	6185	21.49	22.50	21.30	22.50	24.41	25.50	
		Nss2	111	6505	21.20	22.50	21.17	22.50	24.20	25.50	
		Nss2	143	6665	21.45	22.50	20.87	22.50	24.18	25.50	
		Nss2	207	6985							
	802.11be-EHT320 MCS0	Nss2	31	6105	21.55	22.50	21.60	22.50	24.59	25.50	90.20
		Nss2	63	6265							
		Nss2	95	6425	21.48	22.50	21.42	22.50	24.46	25.50	
		Nss2	127	6585	21.04	22.50	21.44	22.50	24.25	25.50	
		Nss2	159	6745							
		Nss1	191	6905							



<Radio 4>

Outdoor

					Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	Nss1	36	5180	12.42	13.50	13.35	13.50	15.92	16.50	53.90
		Nss1	40	5200	12.54	13.50	13.48	13.50	16.05	16.50	
		Nss1	44	5220	12.51	13.50	13.25	13.50	15.91	16.50	
		Nss1	48	5240	12.57	13.50	13.24	13.50	15.93	16.50	
	802.11be-EHT20 MCS0	Nss2	36	5180	12.44	13.50	13.35	13.50	15.93	16.50	92.80
		Nss2	40	5200	12.56	13.50	13.49	13.50	16.06	16.50	
		Nss2	44	5220	12.55	13.50	13.28	13.50	15.94	16.50	
		Nss2	48	5240	12.60	13.50	13.31	13.50	15.98	16.50	
	802.11be-EHT40 MCS0	Nss2	38	5190	12.52	13.50	13.39	13.50	15.99	16.50	93.10
		Nss2	46	5230	12.63	13.50	13.31	13.50	15.99	16.50	
	802.11be-EHT80 MCS0	Nss2	42	5210	12.34	13.50	13.43	13.50	15.93	16.50	92.50

Outdoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	9.47	9.50	9.20	9.50	12.35	12.50	90.80
		Nss1	57	6235	9.48	9.50	9.37	9.50	12.44	12.50	
		Nss1	113	6515	9.46	9.50	8.85	9.50	12.18	12.50	
		Nss1	173	6815	9.42	9.50	9.35	9.50	12.40	12.50	
		Nss1	233	7115							
	802.11be-EHT40 MCS0	Nss1	3	5965	9.45	9.50	9.09	9.50	12.28	12.50	90.50
		Nss1	59	6245	9.46	9.50	9.32	9.50	12.40	12.50	
		Nss1	107	6485	9.36	9.50	9.34	9.50	12.36	12.50	
		Nss1	171	6805	9.44	9.50	9.28	9.50	12.37	12.50	
		Nss1	227	7085							
	802.11be-EHT80 MCS0	Nss1	7	5985	9.44	9.50	9.14	9.50	12.30	12.50	90.30
		Nss1	71	6305	9.47	9.50	9.35	9.50	12.42	12.50	
		Nss1	119	6545	9.42	9.50	8.94	9.50	12.20	12.50	
		Nss1	167	6785	8.86	9.00	8.96	9.00	11.92	12.00	
		Nss1	215	7025							
	802.11be-EHT160 MCS0	Nss1	15	6025	9.47	9.50	9.24	9.50	12.37	12.50	90.10
		Nss1	47	6185	9.48	9.50	8.82	9.50	12.17	12.50	
		Nss1	111	6505	9.37	9.50	9.25	9.50	12.32	12.50	
		Nss1	143	6665	8.97	9.00	8.94	9.00	11.97	12.00	
		Nss1	207	6985							
	802.11be-EHT320 MCS0	Nss1	31	6105	9.98	10.00	9.00	10.00	12.53	13.00	90.20
		Nss1	63	6265							
		Nss1	95	6425	9.49	9.50	9.16	9.50	12.34	12.50	
		Nss1	127	6585	9.13	9.50	9.29	9.50	12.22	12.50	
		Nss1	159	6745							
		Nss1	191	6905							



Outdoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss2	1	5955	12.48	12.50	12.21	12.50	15.36	15.50	90.80
		Nss2	57	6235	12.49	12.50	12.38	12.50	15.45	15.50	
		Nss2	113	6515	12.47	12.50	11.86	12.50	15.19	15.50	
		Nss2	173	6815	12.43	12.50	12.36	12.50	15.41	15.50	
		Nss2	233	7115							
	802.11be-EHT40 MCS0	Nss2	3	5965	12.46	12.50	12.10	12.50	15.29	15.50	90.50
		Nss2	59	6245	12.47	12.50	12.33	12.50	15.41	15.50	
		Nss2	107	6485	12.37	12.50	12.35	12.50	15.37	15.50	
		Nss2	171	6805	12.45	12.50	12.29	12.50	15.38	15.50	
		Nss2	227	7085							
	802.11be-EHT80 MCS0	Nss2	7	5985	12.45	12.50	12.15	12.50	15.31	15.50	90.30
		Nss2	71	6305	12.48	12.50	12.36	12.50	15.43	15.50	
		Nss2	119	6545	12.43	12.50	11.95	12.50	15.21	15.50	
		Nss2	167	6785	11.87	12.00	11.97	12.00	14.93	15.00	
		Nss2	215	7025							
	802.11be-EHT160 MCS0	Nss2	15	6025	12.48	12.50	12.25	12.50	15.38	15.50	90.10
		Nss2	47	6185	12.49	12.50	11.83	12.50	15.18	15.50	
		Nss2	111	6505	12.38	12.50	12.26	12.50	15.33	15.50	
		Nss2	143	6665	11.98	12.00	11.95	12.00	14.98	15.00	
		Nss2	207	6985							
	802.11be-EHT320 MCS0	Nss2	31	6105	12.99	13.00	12.01	13.00	15.54	16.00	90.20
		Nss2	63	6265							
		Nss2	95	6425	12.50	12.50	12.17	12.50	15.35	15.50	
		Nss2	127	6585	12.14	12.50	12.30	12.50	15.23	15.50	
		Nss2	159	6745							
		Nss2	191	6905							

<Beamforming mode>
<Radio 1>

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11be-EHT20 MCS0	Nss1	1	2412	17.34	19.00	18.97	19.00	18.18	19.00	18.56	19.00	24.32	25.00	90.70
		Nss1	2	2417	20.60	22.00	21.97	22.00	21.29	22.00	21.78	22.00	27.46	28.00	
		Nss1	6	2437	21.13	22.50	22.25	22.50	21.72	22.50	22.14	22.50	27.85	28.50	
		Nss1	10	2457	20.10	21.00	20.97	21.00	20.07	21.00	20.37	21.00	26.41	27.00	
		Nss1	11	2462	17.63	19.00	18.82	19.00	17.87	19.00	18.25	19.00	24.19	25.00	

Indoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss1	36	5180	18.37	19.00	18.81	19.00	18.88	19.00	17.95	19.00	24.54	25.00	90.10
		Nss1	40	5200	18.40	19.00	18.98	19.00	18.39	19.00	18.30	19.00	24.55	25.00	
		Nss1	44	5220	18.33	19.50	19.40	19.50	19.32	19.50	17.92	19.50	24.81	25.50	
		Nss1	48	5240	18.80	19.50	19.31	19.50	19.33	19.50	18.14	19.50	24.94	25.50	
	802.11be-EHT40 MCS0	Nss1	38	5190	15.41	16.00	15.78	16.00	15.97	16.00	15.44	16.00	21.68	22.00	89.70
		Nss1	46	5230	17.08	17.50	17.43	17.50	17.49	17.50	17.27	17.50	23.34	23.50	
	802.11be-EHT80 MCS0	Nss1	42	5210	14.26	15.00	14.98	15.00	14.57	15.00	14.12	15.00	20.52	21.00	89.70
		Nss1	42	5210	14.26	15.00	14.98	15.00	14.57	15.00	14.12	15.00	20.52	21.00	

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	173	6815	8.41	8.5	8.39	8.5	11.41	11.50	90.80
	802.11be-EHT40 MCS	Nss1	171	6805	8.42	8.5	8.34	8.5	11.39	11.50	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	8.48	8.5	7.95	8.5	11.23	11.50	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	8.33	8.5	8.21	8.5	11.28	11.50	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585							
		Nss1	159	6745							

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	173	6815	10.47	12	10.72	12	10.77	12	10.82	12	16.72	18.00	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	10.10	12	10.90	12	10.70	12	10.77	12	16.65	18.00	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	10.93	12	10.55	12	10.58	12	10.70	12	16.71	18.00	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	10.68	12	10.29	12	10.86	12	10.98	12	16.73	18.00	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585											
		Nss1	159	6745											

Outdoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss1	36	5180	8.80	10.00	9.30	10.00	9.50	10.00	8.55	10.00	15.07	16.00	90.10
		Nss1	40	5200	8.76	10.00	9.55	10.00	9.39	10.00	8.52	10.00	15.10	16.00	
		Nss1	44	5220	8.73	10.00	9.36	10.00	9.35	10.00	8.51	10.00	15.02	16.00	
		Nss1	48	5240	8.84	10.00	9.35	10.00	9.52	10.00	8.43	10.00	15.08	16.00	
	802.11be-EHT40 MCS0	Nss1	38	5190	8.78	10.00	9.42	10.00	9.51	10.00	8.76	10.00	15.15	16.00	89.70
		Nss1	46	5230	8.94	10.00	9.39	10.00	9.72	10.00	8.86	10.00	15.26	16.00	
	802.11be-EHT80 MCS0	Nss1	42	5210	9.13	10.00	9.62	10.00	9.42	10.00	8.37	10.00	15.18	16.00	89.70

Outdoor 6SD

					Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	173	6815	8.98	9	8.53	9	11.77	12.00	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	8.95	9	8.63	9	11.80	12.00	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	8.95	9	8.63	9	11.80	12.00	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	8.97	9	8.70	9	11.85	12.00	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585							
		Nss1	159	6745							

Outdoor 6SD

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	173	6815	8.82	9	8.36	9	8.98	9	8.92	9	14.80	15.00	90.80
	802.11be-EHT40 MCS0	Nss1	171	6805	8.79	9	8.32	9	8.97	9	8.94	9	14.78	15.00	90.40
	802.11be-EHT80 MCS0	Nss1	167	6785	8.74	9	8.41	9	8.98	9	8.93	9	14.79	15.00	90.00
	802.11be-EHT160 MCS0	Nss1	143	6665	8.98	9	8.67	9	8.84	9	8.97	9	14.89	15.00	90.02
	802.11be-EHT320 MCS0	Nss1	127	6585											
		Nss1	159	6745											

<Beamforming mode>
<Radio 2>
Indoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss1	36	5180	18.27	19.50	19.47	19.50	19.01	19.50	18.49	19.50	24.86	25.50	90.10
		Nss1	40	5200	18.22	19.50	19.49	19.50	18.94	19.50	18.57	19.50	24.85	25.50	
		Nss1	44	5220	18.45	19.50	19.47	19.50	19.08	19.50	18.61	19.50	24.94	25.50	
		Nss1	48	5240	18.77	19.50	19.45	19.50	19.16	19.50	18.83	19.50	25.08	25.50	
	802.11be-EHT40 MCS0	Nss1	38	5190	17.05	18.00	17.74	18.00	16.54	18.00	17.24	18.00	23.18	24.00	89.99
		Nss1	46	5230	19.37	19.50	19.49	19.50	19.35	19.50	18.72	19.50	25.26	25.50	
	802.11be-EHT80 MCS0	Nss1	42	5210	15.38	16.50	16.01	16.50	15.00	16.50	16.12	16.50	21.67	22.50	89.70
		Nss1	42	5210	15.38	16.50	16.01	16.50	15.00	16.50	16.12	16.50	21.67	22.50	

Indoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11be-EHT20 MCS0	Nss1	149	5745	19.50	20.50	20.38	20.50	20.34	20.50	20.43	20.50	26.20	26.50	90.10
		Nss1	157	5785	19.92	20.50	20.41	20.50	20.42	20.50	20.37	20.50	26.31	26.50	
		Nss1	165	5825	20.12	20.50	20.22	20.50	20.44	20.50	20.47	20.50	26.34	26.50	
	802.11be-EHT40 MCS0	Nss1	151	5755	19.26	20.00	19.32	20.00	19.20	20.00	19.39	20.00	25.31	26.00	89.99
		Nss1	159	5795	20.31	20.50	20.19	20.50	20.26	20.50	20.47	20.50	26.33	26.50	
	802.11be-EHT80 MCS0	Nss1	155	5775	17.78	19.00	18.16	19.00	18.19	19.00	18.17	19.00	24.10	25.00	89.70
		Nss1	155	5775	17.78	19.00	18.16	19.00	18.19	19.00	18.17	19.00	24.10	25.00	
		Nss1	155	5775	17.78	19.00	18.16	19.00	18.19	19.00	18.17	19.00	24.10	25.00	

Outdoor

					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11be-EHT20 MCS0	Nss1	36	5180	7.32	9.00	8.99	9.00	7.91	9.00	8.62	9.00	14.28	15.00	90.10
		Nss1	40	5200	7.91	9.00	8.51	9.00	8.66	9.00	7.93	9.00	14.29	15.00	
		Nss1	44	5220	7.76	9.00	8.79	9.00	8.09	9.00	8.51	9.00	14.33	15.00	
		Nss1	48	5240	7.46	9.00	8.98	9.00	7.95	9.00	8.96	9.00	14.41	15.00	
	802.11be-EHT40 MCS0	Nss1	38	5190	8.27	9.00	8.77	9.00	8.42	9.00	8.12	9.00	14.42	15.00	89.99
		Nss1	46	5230	8.43	9.00	8.39	9.00	8.06	9.00	8.28	9.00	14.31	15.00	
	802.11be-EHT80 MCS0	Nss1	42	5210	7.95	9.00	8.52	9.00	7.94	9.00	8.79	9.00	14.34	15.00	89.70
		Nss1	42	5210	7.95	9.00	8.52	9.00	7.94	9.00	8.79	9.00	14.34	15.00	

<Beamforming mode>
<Radio 3>
Outdoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	8.47	8.50	7.71	8.50	11.12	11.50	91.40
		Nss1	57	6235	8.46	8.50	7.80	8.50	11.15	11.50	
		Nss1	113	6515	8.98	9.00	8.45	9.00	11.73	12.00	
		Nss1	173	6815	8.47	8.50	7.78	8.50	11.15	11.50	
		Nss1	233	7115							
	802.11be-EHT40 MCS0	Nss1	3	5965	8.46	8.50	7.57	8.50	11.05	11.50	91.00
		Nss1	59	6245	8.41	8.50	8.07	8.50	11.25	11.50	
		Nss1	107	6485	8.97	9.00	8.41	9.00	11.71	12.00	
		Nss1	171	6805	8.45	8.50	7.97	8.50	11.23	11.50	
		Nss1	227	7085							
	802.11be-EHT80 MCS0	Nss1	7	5985	8.46	8.50	7.90	8.50	11.20	11.50	90.70
		Nss1	71	6305	8.46	8.50	8.04	8.50	11.27	11.50	
		Nss1	119	6545	9.34	9.50	8.65	9.50	12.02	12.50	
		Nss1	167	6785	9.48	9.50	8.89	9.50	12.21	12.50	
		Nss1	215	7025							
	802.11be-EHT160 MCS0	Nss1	15	6025	8.46	8.50	8.11	8.50	11.30	11.50	90.60
		Nss1	47	6185	8.47	8.50	8.17	8.50	11.33	11.50	
		Nss1	111	6505	8.96	9.00	8.13	9.00	11.58	12.00	
		Nss1	143	6665	9.32	9.50	9.18	9.50	12.26	12.50	
		Nss1	207	6985							
	802.11be-EHT320 MCS0	Nss1	31	6105	8.45	8.50	8.00	8.50	11.24	11.50	90.70
		Nss1	63	6265							
		Nss1	95	6425	8.44	8.50	7.94	8.50	11.21	11.50	
		Nss1	127	6585	8.91	9.00	8.77	9.00	11.85	12.00	
		Nss1	159	6745							
		Nss1	191	6905							



Outdoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	7.47	7.50	7.23	7.50	7.01	7.50	7.45	7.50	13.31	13.50	91.40
		Nss1	57	6235	7.48	7.50	7.36	7.50	7.18	7.50	7.44	7.50	13.39	13.50	
		Nss1	113	6515	8.98	9.00	8.16	9.00	8.96	9.00	8.42	9.00	14.66	15.00	
		Nss1	173	6815	7.46	7.50	7.34	7.50	7.21	7.50	7.46	7.50	13.39	13.50	
		Nss1	233	7115											
	802.11be-EHT40 MCS0	Nss1	3	5965	7.49	7.50	7.04	7.50	7.34	7.50	7.36	7.50	13.33	13.50	91.00
		Nss1	59	6245	7.39	7.50	7.28	7.50	7.31	7.50	7.49	7.50	13.39	13.50	
		Nss1	107	6485	9.40	9.50	8.89	9.50	8.96	9.50	8.66	9.50	15.01	15.50	
		Nss1	171	6805	7.47	7.50	7.26	7.50	7.33	7.50	7.41	7.50	13.39	13.50	
		Nss1	227	7085											
	802.11be-EHT80 MCS0	Nss1	7	5985	7.99	8.00	7.25	8.00	7.62	8.00	7.52	8.00	13.62	14.00	90.70
		Nss1	71	6305	7.49	8.00	7.33	8.00	7.68	8.00	7.63	8.00	13.56	14.00	
		Nss1	119	6545	8.98	9.00	8.48	9.00	8.89	9.00	8.85	9.00	14.82	15.00	
		Nss1	167	6785	9.49	9.50	8.43	9.50	9.06	9.50	9.48	9.50	15.16	15.50	
		Nss1	215	7025											
	802.11be-EHT160 MCS0	Nss1	15	6025	7.98	8.00	7.54	8.00	7.38	8.00	7.29	8.00	13.58	14.00	90.60
		Nss1	47	6185	7.34	8.00	7.44	8.00	7.67	8.00	7.54	8.00	13.52	14.00	
		Nss1	111	6505	8.97	9.00	8.46	9.00	8.84	9.00	8.70	9.00	14.77	15.00	
		Nss1	143	6665	9.48	9.50	9.05	9.50	9.01	9.50	8.99	9.50	15.16	15.50	
		Nss1	207	6985											
	802.11be-EHT320 MCS0	Nss1	31	6105	7.96	8.00	7.42	8.00	7.53	8.00	7.40	8.00	13.60	14.00	90.70
		Nss1	63	6265											
		Nss1	95	6425	7.98	8.00	7.43	8.00	7.56	8.00	7.02	8.00	13.53	14.00	
		Nss1	127	6585	9.12	9.50	8.88	9.50	9.05	9.50	9.02	9.50	15.04	15.50	
		Nss1	159	6745											
		Nss1	191	6905											

Indoor 6SD

	Mode	Nss	Channel	Frequency (MHz)	Ant 1+2 (1)		Ant 1+2 (2)		Ant 1+2		
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11be-EHT20 MCS0	Nss1	1	5955	10.84	11.00	10.50	11.00	13.68	14.00	91.40
		Nss1	57	6235	10.94	11.00	10.83	11.00	13.90	14.00	
		Nss1	113	6515	10.78	11.00	10.00	11.00	13.42	14.00	
		Nss1	173	6815	10.92	11.00	10.08	11.00	13.53	14.00	
		Nss1	233	7115							
	802.11be-EHT40 MCS0	Nss1	3	5965	10.97	11.00	10.26	11.00	13.64	14.00	91.00
		Nss1	59	6245	10.98	11.00	10.49	11.00	13.75	14.00	
		Nss1	107	6485	10.95	11.00	10.70	11.00	13.84	14.00	
		Nss1	171	6805	10.98	11.00	10.40	11.00	13.71	14.00	
		Nss1	227	7085							
	802.11be-EHT80 MCS0	Nss1	7	5985	10.93	11.00	10.75	11.00	13.85	14.00	90.70
		Nss1	71	6305	10.91	11.00	10.51	11.00	13.72	14.00	
		Nss1	119	6545	10.91	11.00	10.03	11.00	13.50	14.00	
		Nss1	167	6785	10.81	11.00	10.04	11.00	13.45	14.00	
		Nss1	215	7025							
	802.11be-EHT160 MCS0	Nss1	15	6025	10.65	11.00	10.89	11.00	13.78	14.00	90.60
		Nss1	47	6185	10.86	11.00	10.84	11.00	13.86	14.00	
		Nss1	111	6505	10.94	11.00	10.10	11.00	13.55	14.00	
		Nss1	143	6665	10.94	11.00	10.53	11.00	13.75	14.00	
		Nss1	207	6985							
	802.11be-EHT320 MCS0	Nss1	31	6105	10.95	11.00	10.67	11.00	13.82	14.00	90.70
		Nss1	63	6265							
		Nss1	95	6425	10.92	11.00	10.53	11.00	13.74	14.00	
		Nss1	127	6585	10.98	11.00	10.56	11.00	13.79	14.00	
		Nss1	159	6745							
		Nss1	191	6905							

**Indoor 6SD**

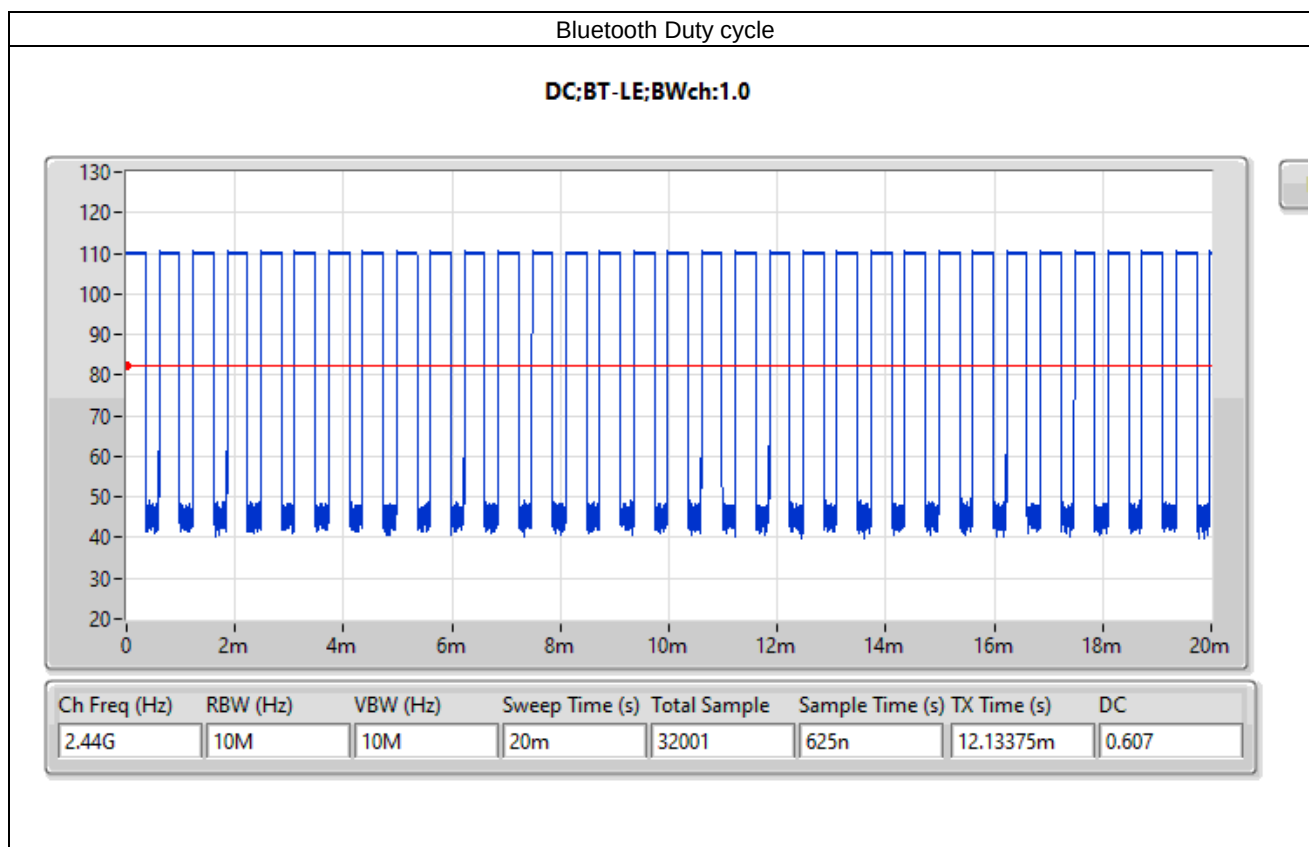
					Ant 1+2+3+4 (1)		Ant 1+2+3+4 (2)		Ant 1+2+3+4 (3)		Ant 1+2+3+4 (4)		Ant 1+2+3+4		
WiFi 6E	Mode	Nss	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11be-EHT20 MCS0	Nss1	1	5955	9.95	11.50	9.75	11.50	10.34	11.50	10.43	11.50	16.15	17.50	91.40
		Nss1	57	6235	9.83	11.50	9.72	11.50	10.03	11.50	10.41	11.50	16.03	17.50	
		Nss1	113	6515	10.44	11.50	9.55	11.50	10.42	11.50	9.83	11.50	16.10	17.50	
		Nss1	173	6815	10.04	11.50	9.68	11.50	10.05	11.50	10.47	11.50	16.09	17.50	
		Nss1	233	7115											
	802.11be-EHT40 MCS0	Nss1	3	5965	10.40	11.50	9.78	11.50	10.10	11.50	10.38	11.50	16.19	17.50	91.00
		Nss1	59	6245	9.58	11.50	9.52	11.50	10.48	11.50	9.80	11.50	15.88	17.50	
		Nss1	107	6485	10.08	11.50	9.56	11.50	10.47	11.50	10.00	11.50	16.06	17.50	
		Nss1	171	6805	10.23	11.50	9.86	11.50	10.28	11.50	10.49	11.50	16.24	17.50	
		Nss1	227	7085											
	802.11be-EHT80 MCS0	Nss1	7	5985	10.23	11.50	10.13	11.50	10.21	11.50	10.36	11.50	16.25	17.50	90.70
		Nss1	71	6305	10.24	11.50	9.76	11.50	10.00	11.50	10.40	11.50	16.13	17.50	
		Nss1	119	6545	10.48	11.50	9.76	11.50	9.98	11.50	10.47	11.50	16.20	17.50	
		Nss1	167	6785	9.91	11.50	9.56	11.50	9.76	11.50	10.40	11.50	15.94	17.50	
		Nss1	215	7025											
	802.11be-EHT160 MCS0	Nss1	15	6025	9.89	11.50	9.84	11.50	10.49	11.50	10.48	11.50	16.21	17.50	90.60
		Nss1	47	6185	9.83	11.50	9.94	11.50	10.47	11.50	10.41	11.50	16.19	17.50	
		Nss1	111	6505	10.44	11.50	9.51	11.50	10.01	11.50	10.24	11.50	16.08	17.50	
		Nss1	143	6665	10.12	11.50	10.07	11.50	10.44	11.50	10.42	11.50	16.29	17.50	
		Nss1	207	6985											
	802.11be-EHT320 MCS0	Nss1	31	6105	10.41	11.50	10.10	11.50	10.30	11.50	10.26	11.50	16.29	17.50	90.70
		Nss1	63	6265											
		Nss1	95	6425	10.17	11.50	10.13	11.50	10.45	11.50	10.21	11.50	16.26	17.50	
		Nss1	127	6585	9.81	11.50	9.61	11.50	9.94	11.50	10.46	11.50	15.99	17.50	
		Nss1	159	6745											
Nss1		191	6905												

<Radio 5>
< 2.4GHz Bluetooth >

Bluetooth	Mode	Channel	Frequency (MHz)	Ant 1/ Ant 2 / Ant 3		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %
	LE 1Mbps	0	2402	8.06	9.00	60.70
		19	2440	8.57	9.00	
		39	2480	8.36	9.00	
	LE 2Mbps	0	2402	8.00	9.00	31.40
		19	2440	8.41	9.00	
		39	2480	8.43	9.00	

General Note:

- For 2.4GHz Bluetooth SAR testing was selected 1Mbps due to its highest average power and duty cycle is 60.70% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.

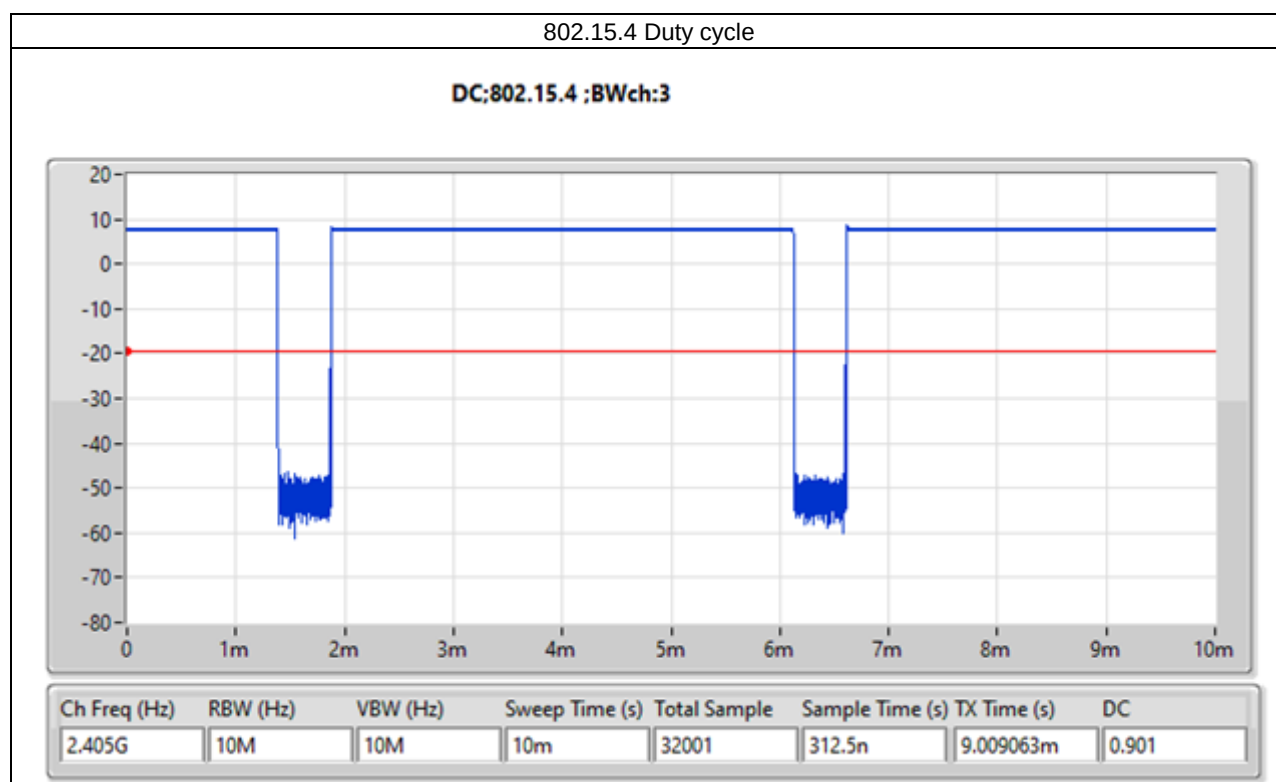


< 802.15.4 >

				Ant 1/ Ant 2 / Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
802.15.4	802.15.4	11	2405	13.21	14.00	90.10
		18	2440	13.62	14.00	
		24	2475	13.57	14.00	
		26	2480	4.49	5.00	

General Note:

- For 2.4GHz 802.15.4 SAR testing was selected 1Mbps due to its highest average power and duty cycle is 90.10% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.





11. SAR Test Results

General Note:

1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. For SAR testing of WLAN signal with non-100% duty cycle, the measured SAR is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle)"
 - c. For WLAN/Bluetooth: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor
2. Per KDB 447498 D01v06, for each exposure position, testing of other required channels within the operating mode of a frequency band is not required when the *reported* 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
 - ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
 - ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz
3. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.

WLAN Note:

1. Per KDB 248227 D01v02r02, for 2.4GHz 802.11g/n SAR testing is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
2. 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.
3. 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.
4. 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.
5. During SAR testing the WLAN transmission was verified using a spectrum analyzer.

WLAN PD Note:

1. The WiFi 6E PD was performed according 2020 TCB workshop RF Exposure 5G RFX Policies Interim Procedures.
2. First, evaluate SAR using 6-7 GHz parameters per IEC/IEEE 62209-1528:2020 and evaluate incident PD using the mmw near-field probe and total-field/power-density reconstruction method.
3. Per Interim Procedures. The power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty $> 30\%$. Total expanded uncertainty of 2.68 dB (85.4%) was used to determine the psPD measurement scaling factor
4. The manufacturer has confirmed that the devices tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
5. The WiFi 6E RF Exposure results are used for simultaneous transmission analysis with the other transmitters and total exposure ratio, the analysis can be found in this report section 12
6. Absorbed power density (APD) using a 4cm² averaging area is reported based on SAR measurements.
7. Power density was calculated by repeated E-field measurements on two measurement planes separated by $\lambda/4$.
8. The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools.
9. The measurement procedure consists of measuring the PD_{inc} at two different distances: 2 mm (compliance distance) and $\lambda/5$. The grid extents should be large enough to fully capture the transmitted energy. The grid step should be fine enough to demonstrate that the integrated Power Density iPD_n fulfill the criterion described below. Since iPD ratio between the two distances is ≥ -1 dB, the grid step (0.0625) was sufficient for determining compliance at d=2mm.

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

**11.1 Body SAR****< WLAN SAR >**

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front Face	25mm	Ant 1	Radio1	Nss1	6	2437	25.40	26.00	1.148	93.5	1.070	0.04	0.125	0.154
	WLAN2.4GHz	802.11b 1Mbps	Edge 1	25mm	Ant 1	Radio1	Nss1	6	2437	25.40	26.00	1.148	93.5	1.070	-0.16	0.020	0.025
	WLAN2.4GHz	802.11b 1Mbps	Edge 2	25mm	Ant 1	Radio1	Nss1	6	2437	25.40	26.00	1.148	93.5	1.070	-0.14	0.003	0.004
	WLAN2.4GHz	802.11b 1Mbps	Edge 4	25mm	Ant 1	Radio1	Nss1	6	2437	25.40	26.00	1.148	93.5	1.070	-0.14	0.048	0.059
	WLAN2.4GHz	802.11b 1Mbps	Front Face	25mm	Ant 1+2	Radio1	Nss1	6	2437	28.32	29.00	1.169	93.5	1.070	-0.13	0.289	0.361
	WLAN2.4GHz	802.11b 1Mbps	Edge 1	25mm	Ant 1+2	Radio1	Nss1	6	2437	28.32	29.00	1.169	93.5	1.070	0.05	0.044	0.055
	WLAN2.4GHz	802.11b 1Mbps	Edge 2	25mm	Ant 1+2	Radio1	Nss1	6	2437	28.32	29.00	1.169	93.5	1.070	0.01	0.016	0.020
	WLAN2.4GHz	802.11b 1Mbps	Edge 4	25mm	Ant 1+2	Radio1	Nss1	6	2437	28.32	29.00	1.169	93.5	1.070	0.03	0.090	0.113
01	WLAN2.4GHz	802.11b 1Mbps	Front Face	25mm	Ant 1+2+3+4	Radio1	Nss1	6	2437	29.80	30.00	1.047	93.5	1.070	0.06	0.331	0.371
	WLAN2.4GHz	802.11b 1Mbps	Edge 1	25mm	Ant 1+2+3+4	Radio1	Nss1	6	2437	29.80	30.00	1.047	93.5	1.070	-0.12	0.072	0.081
	WLAN2.4GHz	802.11b 1Mbps	Edge 2	25mm	Ant 1+2+3+4	Radio1	Nss1	6	2437	29.80	30.00	1.047	93.5	1.070	0.11	0.128	0.143
	WLAN2.4GHz	802.11b 1Mbps	Edge 4	25mm	Ant 1+2+3+4	Radio1	Nss1	6	2437	29.80	30.00	1.047	93.5	1.070	-0.06	0.125	0.140
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	25mm	Ant 1	Radio1	Nss1	48	5240	21.29	21.29	1.000	90.1	1.110	-0.01	0.388	0.431
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	25mm	Ant 1	Radio1	Nss1	48	5240	21.29	21.29	1.000	90.1	1.110	-0.11	0.332	0.369
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	25mm	Ant 1	Radio1	Nss1	48	5240	21.29	21.29	1.000	90.1	1.110	-0.12	0.038	0.042
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	25mm	Ant 1	Radio1	Nss1	48	5240	21.29	21.29	1.000	90.1	1.110	0.17	0.273	0.303
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	25mm	Ant 1+2	Radio1	Nss1	48	5240	24.51	25.00	1.119	90.1	1.110	0.14	0.389	0.483
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	25mm	Ant 1+2	Radio1	Nss1	48	5240	24.51	25.00	1.119	90.1	1.110	0.09	0.360	0.447
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	25mm	Ant 1+2	Radio1	Nss1	48	5240	24.51	25.00	1.119	90.1	1.110	-0.11	0.338	0.420
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	25mm	Ant 1+2	Radio1	Nss1	48	5240	24.51	25.00	1.119	90.1	1.110	0.12	0.238	0.296
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio1	Nss4	48	5240	24.98	25.50	1.127	90.1	1.110	-0.1	0.353	0.442
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	25mm	Ant 1+2+3+4	Radio1	Nss4	48	5240	24.98	25.50	1.127	90.1	1.110	-0.18	0.282	0.353
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	25mm	Ant 1+2+3+4	Radio1	Nss4	48	5240	24.98	25.50	1.127	90.1	1.110	-0.16	0.262	0.328
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	25mm	Ant 1+2+3+4	Radio1	Nss4	48	5240	24.98	25.50	1.127	90.1	1.110	-0.15	0.297	0.372

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m ²)	Reported APD (W/m ²)
	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	25mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	0.11	0.067	0.095	0.628	0.889
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 1	25mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	0.13	0.065	0.092	0.607	0.859
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 2	25mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	0	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 4	25mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	-0.19	0.007	0.010	0.068	0.096
	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	25mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	-0.18	0.071	0.104	0.674	0.989
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 1	25mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	0.14	0.068	0.100	0.638	0.936
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 2	25mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	0.18	0.015	0.022	0.128	0.188
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 4	25mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	-0.01	0.018	0.026	0.129	0.189
	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	0.01	0.068	0.101	0.62	0.922
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 1	25mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	-0.19	0.060	0.089	0.6	0.893
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 2	25mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	0.16	0.016	0.024	0.141	0.210
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 4	25mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	0.15	0.043	0.064	0.376	0.559



FCC SAR TEST REPORT

Report No. : FA561916-01

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	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	802.11be-EHT40 MCS0	Front Face	25mm	Ant 1	Radio2	Nss1	46	5230	20.31	20.50	1.045	89.99	1.111	-0.16	0.248	0.288
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 1	25mm	Ant 1	Radio2	Nss1	46	5230	20.31	20.50	1.045	89.99	1.111	-0.13	0.012	0.014
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 2	25mm	Ant 1	Radio2	Nss1	46	5230	20.31	20.50	1.045	89.99	1.111	0.15	0.023	0.027
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 4	25mm	Ant 1	Radio2	Nss1	46	5230	20.31	20.50	1.045	89.99	1.111	-0.05	0.450	0.522
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	25mm	Ant 1+2	Radio2	Nss2	44	5220	24.02	24.50	1.118	90.1	1.110	-0.14	0.318	0.395
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	25mm	Ant 1+2	Radio2	Nss2	44	5220	24.02	24.50	1.118	90.1	1.110	0.12	0.033	0.041
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	25mm	Ant 1+2	Radio2	Nss2	44	5220	24.02	24.50	1.118	90.1	1.110	-0.16	0.076	0.094
02	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	25mm	Ant 1+2	Radio2	Nss2	44	5220	24.02	24.50	1.118	90.1	1.110	-0.02	0.538	0.668
	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio2	Nss1	46	5230	25.26	25.50	1.056	89.99	1.111	-0.11	0.316	0.371
	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio2	Nss1	38	5190	23.18	24.00	1.207	89.99	1.111	-0.15	0.211	0.283
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 1	25mm	Ant 1+2+3+4	Radio2	Nss1	46	5230	25.26	25.50	1.056	89.99	1.111	-0.17	0.039	0.046
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 2	25mm	Ant 1+2+3+4	Radio2	Nss1	46	5230	25.26	25.50	1.056	89.99	1.111	-0.14	0.186	0.218
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 4	25mm	Ant 1+2+3+4	Radio2	Nss1	46	5230	25.26	25.50	1.056	89.99	1.111	0.06	0.314	0.368
	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	25mm	Ant 1	Radio2	Nss1	159	5795	20.32	20.50	1.042	89.99	1.111	0.11	0.324	0.375
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 1	25mm	Ant 1	Radio2	Nss1	159	5795	20.32	20.50	1.042	89.99	1.111	0	0.004	0.005
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 2	25mm	Ant 1	Radio2	Nss1	159	5795	20.32	20.50	1.042	89.99	1.111	0.01	0.009	0.010
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 4	25mm	Ant 1	Radio2	Nss1	159	5795	20.32	20.50	1.042	89.99	1.111	-0.07	0.467	0.541
	WLAN5GHz	802.11be-EHT80 MCS0	Front Face	25mm	Ant 1+2	Radio2	Nss2	155	5775	21.74	22.00	1.062	89.7	1.115	-0.17	0.404	0.478
	WLAN5GHz	802.11be-EHT80 MCS0	Edge 1	25mm	Ant 1+2	Radio2	Nss2	155	5775	21.74	22.00	1.062	89.7	1.115	0.02	0.018	0.021
	WLAN5GHz	802.11be-EHT80 MCS0	Edge 2	25mm	Ant 1+2	Radio2	Nss2	155	5775	21.74	22.00	1.062	89.7	1.115	0.02	0.027	0.032
	WLAN5GHz	802.11be-EHT80 MCS0	Edge 4	25mm	Ant 1+2	Radio2	Nss2	155	5775	21.74	22.00	1.062	89.7	1.115	-0.03	0.361	0.427
03	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio2	Nss4	159	5795	26.39	26.50	1.027	89.99	1.111	0.13	0.562	0.641
	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio2	Nss4	151	5755	25.60	26.00	1.095	89.99	1.111	0.11	0.501	0.609
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 1	25mm	Ant 1+2+3+4	Radio2	Nss4	159	5795	26.39	26.50	1.027	89.99	1.111	0.01	0.002	0.002
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 2	25mm	Ant 1+2+3+4	Radio2	Nss4	159	5795	26.39	26.50	1.027	89.99	1.111	-0.07	0.225	0.257
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 4	25mm	Ant 1+2+3+4	Radio2	Nss4	159	5795	26.39	26.50	1.027	89.99	1.111	0.03	0.478	0.545



FCC SAR TEST REPORT

Report No. : FA561916-01

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	-0.14	0.085	0.094	0.801	0.888
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1	Radio3	Nss1	95	6425	14.87	15.00	1.030	90.7	1.103	-0.1	0.080	0.091	0.78	0.886
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1	Radio3	Nss1	127	6585	14.90	15.00	1.023	90.7	1.103	-0.16	0.081	0.091	0.709	0.800
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 1	25mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	0	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 2	25mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	0.18	0.011	0.012	0.091	0.101
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 4	25mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	-0.13	0.008	0.009	0.07	0.078
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	-0.11	0.084	0.108	0.788	1.013
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2	Radio3	Nss2	95	6425	16.75	17.50	1.189	90.7	1.103	-0.14	0.081	0.106	0.77	1.010
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2	Radio3	Nss2	127	6585	16.80	17.50	1.176	90.7	1.103	-0.15	0.081	0.105	0.72	0.934
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 1	25mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	0.03	0.076	0.098	0.741	0.953
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 2	25mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	0.14	0.013	0.017	0.123	0.158
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 4	25mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	0.1	0.011	0.014	0.093	0.120
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	-0.13	0.064	0.090	0.597	0.844
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio3	Nss4	95	6425	16.12	17.50	1.374	90.7	1.103	0.01	0.039	0.059	0.359	0.544
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2+3+4	Radio3	Nss4	127	6585	16.06	17.50	1.392	90.7	1.103	0.15	0.033	0.051	0.281	0.431
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 1	25mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	-0.18	0.039	0.055	0.376	0.531
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 2	25mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	-0.14	0.024	0.034	0.233	0.329
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 4	25mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	0	0.001	0.001	0.001	0.001

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Front Face	25mm	Ant 1+2	Radio4	Nss1	6	2437	29.02	29.50	1.117	10	0.100	0	0.630	0.070
	WLAN2.4GHz	802.11b 1Mbps	Edge 1	25mm	Ant 1+2	Radio4	Nss1	6	2437	29.02	29.50	1.117	10	0.100	-0.12	0.233	0.026
	WLAN2.4GHz	802.11b 1Mbps	Edge 2	25mm	Ant 1+2	Radio4	Nss1	6	2437	29.02	29.50	1.117	10	0.100	0.13	0.133	0.015
	WLAN2.4GHz	802.11b 1Mbps	Edge 4	25mm	Ant 1+2	Radio4	Nss1	6	2437	29.02	29.50	1.117	10	0.100	-0.11	0.228	0.025
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	25mm	Ant 1+2	Radio4	Nss2	48	5240	26.80	27.50	1.176	10	0.100	-0.05	0.923	0.109
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	25mm	Ant 1+2	Radio4	Nss2	44	5220	25.40	26.00	1.148	10	0.100	-0.05	0.684	0.079
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	25mm	Ant 1+2	Radio4	Nss2	48	5240	26.80	27.50	1.176	10	0.100	-0.13	0.317	0.037
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	25mm	Ant 1+2	Radio4	Nss2	48	5240	26.80	27.50	1.176	10	0.100	0.1	0.195	0.023
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	25mm	Ant 1+2	Radio4	Nss2	48	5240	26.80	27.50	1.176	10	0.100	-0.13	0.282	0.033
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	25mm	Ant 1+2	Radio4	Nss2	157	5785	29.19	29.50	1.074	10	0.100	-0.01	2.790	0.300
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	25mm	Ant 1+2	Radio4	Nss2	157	5785	29.19	29.50	1.074	10	0.100	0.19	0.368	0.040
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	25mm	Ant 1+2	Radio4	Nss2	157	5785	29.19	29.50	1.074	10	0.100	0.12	0.262	0.028
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	25mm	Ant 1+2	Radio4	Nss2	157	5785	29.19	29.50	1.074	10	0.100	-0.14	0.403	0.043

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
04	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	-0.14	1.190	0.147	11.6	1.431
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2	Radio4	Nss2	95	6425	24.46	25.50	1.270	10	0.100	0.05	1.090	0.138	10.6	1.346
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	25mm	Ant 1+2	Radio4	Nss2	127	6585	24.25	25.50	1.332	10	0.100	0.05	0.877	0.117	8.55	1.139
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 1	25mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	-0.16	0.165	0.020	1.6	0.197
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 2	25mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	-0.1	0.060	0.007	0.583	0.072
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 4	25mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	-0.08	0.104	0.013	1	0.123

< Bluetooth SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	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)
05	Bluetooth	1Mbps	Front Face	25mm	Ant 1	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	-0.11	0.008	0.012
	Bluetooth	1Mbps	Edge 1	25mm	Ant 1	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 2	25mm	Ant 1	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 4	25mm	Ant 1	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Front Face	25mm	Ant 2	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0.01	0.002	0.003
	Bluetooth	1Mbps	Edge 1	25mm	Ant 2	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 2	25mm	Ant 2	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 4	25mm	Ant 2	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Front Face	25mm	Ant 3	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	-0.1	0.001	0.002
	Bluetooth	1Mbps	Edge 1	25mm	Ant 3	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 2	25mm	Ant 3	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 4	25mm	Ant 3	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002

< 802.15.4 SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	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)
06	802.15.4	1Mbps	Front Face	25mm	Ant 1	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0.06	0.046	0.056
	802.15.4	1Mbps	Edge 1	25mm	Ant 1	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Edge 2	25mm	Ant 1	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	-0.09	0.009	0.011
	802.15.4	1Mbps	Edge 4	25mm	Ant 1	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Front Face	25mm	Ant 2	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	-0.14	0.012	0.015
	802.15.4	1Mbps	Edge 1	25mm	Ant 2	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Edge 2	25mm	Ant 2	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Edge 4	25mm	Ant 2	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Front Face	25mm	Ant 3	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0.02	0.017	0.021
	802.15.4	1Mbps	Edge 1	25mm	Ant 3	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Edge 2	25mm	Ant 3	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Edge 4	25mm	Ant 3	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001

**11.2 Extremity SAR****< WLAN SAR >**

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	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	Front Face	0mm	Ant 1	Radio1	Nss1	6	2437	25.40	26.00	1.148	93.5	1.070	0.11	0.314	0.386
	WLAN2.4GHz	802.11b 1Mbps	Edge 1	0mm	Ant 1	Radio1	Nss1	6	2437	25.40	26.00	1.148	93.5	1.070	-0.18	0.038	0.047
	WLAN2.4GHz	802.11b 1Mbps	Edge 2	0mm	Ant 1	Radio1	Nss1	6	2437	25.40	26.00	1.148	93.5	1.070	0.13	0.006	0.007
	WLAN2.4GHz	802.11b 1Mbps	Edge 4	0mm	Ant 1	Radio1	Nss1	6	2437	25.40	26.00	1.148	93.5	1.070	-0.04	0.288	0.354
	WLAN2.4GHz	802.11b 1Mbps	Front Face	0mm	Ant 1+2	Radio1	Nss1	6	2437	28.32	29.00	1.169	93.5	1.070	-0.17	0.379	0.474
	WLAN2.4GHz	802.11b 1Mbps	Edge 1	0mm	Ant 1+2	Radio1	Nss1	6	2437	28.32	29.00	1.169	93.5	1.070	0.1	0.070	0.088
	WLAN2.4GHz	802.11b 1Mbps	Edge 2	0mm	Ant 1+2	Radio1	Nss1	6	2437	28.32	29.00	1.169	93.5	1.070	0.13	0.038	0.048
	WLAN2.4GHz	802.11b 1Mbps	Edge 4	0mm	Ant 1+2	Radio1	Nss1	6	2437	28.32	29.00	1.169	93.5	1.070	-0.03	0.376	0.470
	WLAN2.4GHz	802.11b 1Mbps	Front Face	0mm	Ant 1+2+3+4	Radio1	Nss1	6	2437	29.80	30.00	1.047	93.5	1.070	-0.11	0.463	0.519
	WLAN2.4GHz	802.11b 1Mbps	Edge 1	0mm	Ant 1+2+3+4	Radio1	Nss1	6	2437	29.80	30.00	1.047	93.5	1.070	-0.1	0.112	0.125
07	WLAN2.4GHz	802.11b 1Mbps	Edge 2	0mm	Ant 1+2+3+4	Radio1	Nss1	6	2437	29.80	30.00	1.047	93.5	1.070	0.01	0.472	0.529
	WLAN2.4GHz	802.11b 1Mbps	Edge 4	0mm	Ant 1+2+3+4	Radio1	Nss1	6	2437	29.80	30.00	1.047	93.5	1.070	-0.11	0.311	0.348
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1	Radio1	Nss1	48	5240	21.29	21.50	1.050	90.1	1.110	-0.15	1.310	1.527
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	0mm	Ant 1	Radio1	Nss1	48	5240	21.29	21.50	1.050	90.1	1.110	-0.18	0.727	0.847
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	0mm	Ant 1	Radio1	Nss1	48	5240	21.29	21.50	1.050	90.1	1.110	0.18	0.022	0.026
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	0mm	Ant 1	Radio1	Nss1	48	5240	21.29	21.50	1.050	90.1	1.110	0.13	0.467	0.544
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2	Radio1	Nss1	48	5240	24.51	25.00	1.121	90.1	1.110	-0.12	1.260	1.568
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	0mm	Ant 1+2	Radio1	Nss1	48	5240	24.51	25.00	1.121	90.1	1.110	-0.09	0.627	0.780
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	0mm	Ant 1+2	Radio1	Nss1	48	5240	24.51	25.00	1.121	90.1	1.110	0.1	0.555	0.691
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	0mm	Ant 1+2	Radio1	Nss1	48	5240	24.51	25.00	1.121	90.1	1.110	0.11	0.419	0.521
08	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio1	Nss4	48	5240	24.98	25.50	1.127	90.1	1.110	-0.13	1.280	1.601
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio1	Nss4	36	5180	24.79	25.00	1.050	90.1	1.110	0.03	1.210	1.410
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio1	Nss4	40	5200	24.73	25.00	1.065	90.1	1.110	0.01	1.190	1.407
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio1	Nss4	44	5220	24.92	25.50	1.144	90.1	1.110	-0.11	1.150	1.460
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	0mm	Ant 1+2+3+4	Radio1	Nss4	48	5240	24.98	25.50	1.127	90.1	1.110	-0.11	0.483	0.604
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	0mm	Ant 1+2+3+4	Radio1	Nss4	48	5240	24.98	25.50	1.127	90.1	1.110	0.15	0.412	0.515
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	0mm	Ant 1+2+3+4	Radio1	Nss4	48	5240	24.98	25.50	1.127	90.1	1.110	0.01	0.393	0.492



FCC SAR TEST REPORT

Report No. : FA561916-01

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Measured APD (W/m^2)	Reported APD (W/m^2)
	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	0mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	0.16	0.146	0.207	3.29	4.657
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 1	0mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	0.15	0.101	0.143	2.32	3.284
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 2	0mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	0	0.001	0.001	0.001	0.001
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 4	0mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	0.04	0.016	0.023	0.364	0.515
	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	0mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	0.09	0.158	0.232	3.54	5.195
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 1	0mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	0.15	0.109	0.160	2.51	3.684
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 2	0mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	0.1	0.028	0.041	0.656	0.963
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 4	0mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	0.19	0.016	0.023	0.365	0.536
	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	0.15	0.141	0.210	3.2	4.760
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 1	0mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	0.18	0.100	0.149	2.32	3.451
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 2	0mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	0.14	0.029	0.043	0.664	0.988
	WLAN6GHz	802.11be-EHT160 MCS0	Edge 4	0mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	0.13	0.062	0.092	1.37	2.038

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	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	802.11be-EHT40 MCS0	Front Face	0mm	Ant 1	Radio2	Nss1	46	5230	20.31	20.50	1.045	89.99	1.111	0.12	1.110	1.289
	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	0mm	Ant 1	Radio2	Nss1	38	5190	18.88	18.88	1.000	89.99	1.111	-0.1	0.932	1.035
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 1	0mm	Ant 1	Radio2	Nss1	46	5230	20.31	20.50	1.045	89.99	1.111	0.11	0.011	0.013
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 2	0mm	Ant 1	Radio2	Nss1	46	5230	20.31	20.50	1.045	89.99	1.111	0.1	0.004	0.005
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 4	0mm	Ant 1	Radio2	Nss1	46	5230	20.31	20.50	1.045	89.99	1.111	-0.03	0.905	1.051
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2	Radio2	Nss2	44	5220	24.02	24.50	1.118	90.1	1.110	-0.14	1.200	1.489
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	0mm	Ant 1+2	Radio2	Nss2	44	5220	24.02	24.50	1.118	90.1	1.110	0.17	0.052	0.065
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	0mm	Ant 1+2	Radio2	Nss2	44	5220	24.02	24.50	1.118	90.1	1.110	0.11	0.033	0.041
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	0mm	Ant 1+2	Radio2	Nss2	44	5220	24.02	24.50	1.118	90.1	1.110	-0.12	1.140	1.415
	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio2	Nss1	46	5230	25.26	25.50	1.056	89.99	1.111	-0.16	0.742	0.871
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 1	0mm	Ant 1+2+3+4	Radio2	Nss1	46	5230	25.26	25.50	1.056	89.99	1.111	0.18	0.033	0.039
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 2	0mm	Ant 1+2+3+4	Radio2	Nss1	46	5230	25.26	25.50	1.056	89.99	1.111	-0.18	0.252	0.296
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 4	0mm	Ant 1+2+3+4	Radio2	Nss1	46	5230	25.26	25.50	1.056	89.99	1.111	-0.05	0.707	0.829
09	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	0mm	Ant 1	Radio2	Nss1	159	5795	20.32	20.50	1.042	89.99	1.111	-0.13	0.945	1.094
	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	0mm	Ant 1	Radio2	Nss1	151	5755	20.17	20.50	1.079	89.99	1.111	0.02	0.893	1.071
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 1	0mm	Ant 1	Radio2	Nss1	159	5795	20.32	20.50	1.042	89.99	1.111	0.18	0.002	0.002
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 2	0mm	Ant 1	Radio2	Nss1	159	5795	20.32	20.50	1.042	89.99	1.111	0.16	0.006	0.007
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 4	0mm	Ant 1	Radio2	Nss1	159	5795	20.32	20.50	1.042	89.99	1.111	-0.11	0.473	0.548
	WLAN5GHz	802.11be-EHT80 MCS0	Front Face	0mm	Ant 1+2	Radio2	Nss2	155	5775	21.74	22.00	1.062	89.7	1.115	0.01	0.738	0.874
	WLAN5GHz	802.11be-EHT80 MCS0	Edge 1	0mm	Ant 1+2	Radio2	Nss2	155	5775	21.74	22.00	1.062	89.7	1.115	0.12	0.014	0.017
	WLAN5GHz	802.11be-EHT80 MCS0	Edge 2	0mm	Ant 1+2	Radio2	Nss2	155	5775	21.74	22.00	1.062	89.7	1.115	0.12	0.012	0.014
	WLAN5GHz	802.11be-EHT80 MCS0	Edge 4	0mm	Ant 1+2	Radio2	Nss2	155	5775	21.74	22.00	1.062	89.7	1.115	-0.12	0.402	0.476
	WLAN5GHz	802.11be-EHT40 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio2	Nss4	159	5795	26.39	26.50	1.027	90.1	1.110	-0.13	0.786	0.896
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 1	0mm	Ant 1+2+3+4	Radio2	Nss4	159	5795	26.39	26.50	1.027	90.1	1.110	0.15	0.001	0.001
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 2	0mm	Ant 1+2+3+4	Radio2	Nss4	159	5795	26.39	26.50	1.027	90.1	1.110	-0.11	0.529	0.603
	WLAN5GHz	802.11be-EHT40 MCS0	Edge 4	0mm	Ant 1+2+3+4	Radio2	Nss4	159	5795	26.39	26.50	1.027	90.1	1.110	0.17	0.505	0.576



FCC SAR TEST REPORT

Report No. : FA561916-01

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Measured APD (W/m ²)	Reported APD (W/m ²)
10	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	0.04	0.319	0.354	6.99	7.749
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1	Radio3	Nss1	95	6425	14.87	15.00	1.030	90.7	1.103	-0.16	0.247	0.281	5.42	6.158
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1	Radio3	Nss1	127	6585	14.90	15.00	1.023	90.7	1.103	-0.13	0.172	0.194	3.76	4.243
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 1	0mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	-0.13	0.013	0.014	0.283	0.314
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 2	0mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	0.13	0.015	0.017	0.339	0.376
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 4	0mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	0.18	0.011	0.012	0.247	0.274
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	0.11	0.246	0.316	5.42	6.971
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2	Radio3	Nss2	95	6425	16.75	17.50	1.189	90.7	1.103	0.04	0.134	0.176	2.94	3.856
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2	Radio3	Nss2	127	6585	16.80	17.50	1.176	90.7	1.103	-0.1	0.140	0.182	3.07	3.982
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 1	0mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	-0.16	0.080	0.103	1.88	2.418
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 2	0mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	0.16	0.014	0.018	0.315	0.405
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 4	0mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	0.12	0.011	0.014	0.235	0.302
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	-0.09	0.128	0.181	2.9	4.098
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio3	Nss4	95	6425	16.12	17.50	1.374	90.7	1.103	-0.19	0.081	0.123	1.83	2.773
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2+3+4	Radio3	Nss4	127	6585	16.06	17.50	1.392	90.7	1.103	-0.13	0.091	0.140	2.07	3.178
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 1	0mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	0.12	0.032	0.045	0.738	1.043
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 2	0mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	0.1	0.022	0.031	0.5	0.706
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 4	0mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	0	0.001	0.001	0.001	0.001

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	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	Front Face	0mm	Ant 1+2	Radio4	Nss1	6	2437	29.02	29.50	1.117	10	0.100	-0.03	1.270	0.142
	WLAN2.4GHz	802.11b 1Mbps	Edge 1	0mm	Ant 1+2	Radio4	Nss1	6	2437	29.02	29.50	1.117	10	0.100	0.1	0.290	0.032
	WLAN2.4GHz	802.11b 1Mbps	Edge 2	0mm	Ant 1+2	Radio4	Nss1	6	2437	29.02	29.50	1.117	10	0.100	-0.15	0.189	0.021
	WLAN2.4GHz	802.11b 1Mbps	Edge 4	0mm	Ant 1+2	Radio4	Nss1	6	2437	29.02	29.50	1.117	10	0.100	0.12	0.343	0.038
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2	Radio4	Nss2	48	5240	26.80	27.50	1.176	10	0.100	-0.01	2.070	0.243
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2	Radio4	Nss2	44	5220	25.40	26.00	1.148	10	0.100	-0.11	1.490	0.171
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	0mm	Ant 1+2	Radio4	Nss2	48	5240	26.80	27.50	1.176	10	0.100	-0.15	0.255	0.030
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	0mm	Ant 1+2	Radio4	Nss2	48	5240	26.80	27.50	1.176	10	0.100	0.15	0.084	0.010
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	0mm	Ant 1+2	Radio4	Nss2	48	5240	26.80	27.50	1.176	10	0.100	0.11	0.162	0.019
	WLAN5GHz	802.11be-EHT20 MCS0	Front Face	0mm	Ant 1+2	Radio4	Nss2	157	5785	29.19	29.50	1.074	10	0.100	-0.17	4.250	0.456
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 1	0mm	Ant 1+2	Radio4	Nss2	157	5785	29.19	29.50	1.074	10	0.100	-0.15	0.495	0.053
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 2	0mm	Ant 1+2	Radio4	Nss2	157	5785	29.19	29.50	1.074	10	0.100	-0.14	0.152	0.016
	WLAN5GHz	802.11be-EHT20 MCS0	Edge 4	0mm	Ant 1+2	Radio4	Nss2	157	5785	29.19	29.50	1.074	10	0.100	0.06	0.275	0.030

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Measured APD (W/m ²)	Reported APD (W/m ²)
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	-0.12	1.520	0.188	33.6	4.146
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2	Radio4	Nss2	95	6425	24.46	25.50	1.270	10	0.100	0.02	1.210	0.154	26.6	3.378
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	0mm	Ant 1+2	Radio4	Nss2	127	6585	24.25	25.50	1.332	10	0.100	0	1.100	0.147	24.7	3.290
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 1	0mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	-0.16	0.157	0.019	3.51	0.433
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 2	0mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	0.16	0.051	0.006	1.16	0.143
	WLAN6GHz	802.11be-EHT320 MCS0	Edge 4	0mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	-0.14	0.085	0.010	1.9	0.234

< Bluetooth SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	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)
11	Bluetooth	1Mbps	Front Face	0mm	Ant 1	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0.16	0.009	0.014
	Bluetooth	1Mbps	Edge 1	0mm	Ant 1	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 2	0mm	Ant 1	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 4	0mm	Ant 1	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Front Face	0mm	Ant 2	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 1	0mm	Ant 2	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 2	0mm	Ant 2	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 4	0mm	Ant 2	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Front Face	0mm	Ant 3	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0.17	0.001	0.002
	Bluetooth	1Mbps	Edge 1	0mm	Ant 3	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 2	0mm	Ant 3	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002
	Bluetooth	1Mbps	Edge 4	0mm	Ant 3	Radio5	19	2440	8.57	9.00	1.104	60.7	1.372	0	0.001	0.002

< 802.15.4 SAR >

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	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)
12	802.15.4	1Mbps	Front Face	0mm	Ant 1	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	-0.11	0.059	0.071
	802.15.4	1Mbps	Edge 1	0mm	Ant 1	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	-0.13	0.005	0.006
	802.15.4	1Mbps	Edge 2	0mm	Ant 1	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	-0.11	0.033	0.040
	802.15.4	1Mbps	Edge 4	0mm	Ant 1	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Front Face	0mm	Ant 2	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0.04	0.021	0.025
	802.15.4	1Mbps	Edge 1	0mm	Ant 2	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Edge 2	0mm	Ant 2	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Edge 4	0mm	Ant 2	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0	0.001	0.001
	802.15.4	1Mbps	Front Face	0mm	Ant 3	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0.02	0.020	0.024
	802.15.4	1Mbps	Edge 1	0mm	Ant 3	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0.17	0.016	0.019
	802.15.4	1Mbps	Edge 2	0mm	Ant 3	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0.04	0.001	0.001
	802.15.4	1Mbps	Edge 4	0mm	Ant 3	Radio5	18	2440	13.62	14.00	1.091	90.1	1.110	0.14	0.003	0.004

**11.3 6GHz PD SAR Result**

Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Grid Step (λ)	iPDn	iPD ratio (≥ -1)	Normal psPD (W/m ²)	Total psPD (W/m ²)
WLAN6GHz	802.11be-EHT320 MCS0	Front Face	2mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	0.0625	41.7	0.937967776	17.1	18.7
WLAN6GHz	802.11be-EHT320 MCS0	Front Face	9.83mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	0.25	33.6		9.58	12.2
WLAN6GHz	802.11be-EHT160 MCS0	Front Face	2mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	0.0625	3.69	6.655680448	1.55	2.47
WLAN6GHz	802.11be-EHT160 MCS0	Front Face	9mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	0.25	0.797		0.108	0.156

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Nss	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Grid Step (λ)	Scaling Factor for Measurement Uncertainty	Power Drift (dB)	Normal psPD (W/m ²)	Scaled Normal psPD (W/m ²)	Total psPD (W/m ²)	Scaled Total psPD (W/m ²)
	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	2mm	Ant 1	Radio1	Nss1	143	6665	10.95	12.00	1.274	90.02	1.111	0.0625	1.5535	-0.03	1.42	3.12	2.12	4.66
	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	2mm	Ant 1+2	Radio1	Nss2	143	6665	14.29	15.50	1.321	90.02	1.111	0.0625	1.5535	0.05	1.55	3.53	2.47	5.63
01	WLAN6GHz	802.11be-EHT160 MCS0	Front Face	2mm	Ant 1+2+3+4	Radio1	Nss1	143	6665	16.73	18.00	1.339	90.02	1.111	0.0625	1.5535	-0.12	2.8	6.47	2.89	6.68
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	2mm	Ant 1	Radio3	Nss1	31	6105	14.98	15.00	1.005	90.7	1.103	0.0625	1.5535	-0.07	2.48	4.27	3	5.16
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	2mm	Ant 1+2	Radio3	Nss2	31	6105	16.83	17.50	1.166	90.7	1.103	0.0625	1.5535	-0.12	1.07	2.14	2.76	5.51
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	2mm	Ant 1+2+3+4	Radio3	Nss4	31	6105	16.42	17.50	1.281	90.7	1.103	0.0625	1.5535	-0.17	1.27	2.79	1.41	3.10
	WLAN6GHz	802.11be-EHT320 MCS0	Front Face	2mm	Ant 1+2	Radio4	Nss2	31	6105	24.59	25.50	1.234	10	0.100	0.0625	1.5535	-0.04	17.1	3.28	18.7	3.59

12. Simultaneous Transmission Analysis

NO.	Simultaneous Transmission Configurations	Body
1.	WLAN2.4/5/6GHz Ant 1 Radio1+WLAN5GHz Ant 1 Radio2+WLAN6GHz Ant 1 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 1 Radio5	Yes
2.	WLAN2.4/5/6GHz Ant 1 Radio1+WLAN5GHz Ant 1 Radio2+WLAN6GHz Ant 1 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 2 Radio5	Yes
3.	WLAN2.4/5/6GHz Ant 1 Radio1+WLAN5GHz Ant 1 Radio2+WLAN6GHz Ant 1 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 3 Radio5	Yes
4.	WLAN2.4/5/6GHz Ant 1 Radio1+WLAN5GHz Ant 1 Radio2+WLAN6GHz Ant 1 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 1 Radio5	Yes
5.	WLAN2.4/5/6GHz Ant 1 Radio1+WLAN5GHz Ant 1 Radio2+WLAN6GHz Ant 1 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 2 Radio5	Yes
6.	WLAN2.4/5/6GHz Ant 1 Radio1+WLAN5GHz Ant 1 Radio2+WLAN6GHz Ant 1 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 3 Radio5	Yes
7.	WLAN2.4/5/6GHz Ant 1+2 Radio1+WLAN5GHz Ant 1+2 Radio2+WLAN6GHz Ant 1+2 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 1 Radio5	Yes
8.	WLAN2.4/5/6GHz Ant 1+2 Radio1+WLAN5GHz Ant 1+2 Radio2+WLAN6GHz Ant 1+2 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 2 Radio5	Yes
9.	WLAN2.4/5/6GHz Ant 1+2 Radio1+WLAN5GHz Ant 1+2 Radio2+WLAN6GHz Ant 1+2 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 3 Radio5	Yes
10.	WLAN2.4/5/6GHz Ant 1+2 Radio1+WLAN5GHz Ant 1+2 Radio2+WLAN6GHz Ant 1+2 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 1 Radio5	Yes
11.	WLAN2.4/5/6GHz Ant 1+2 Radio1+WLAN5GHz Ant 1+2 Radio2+WLAN6GHz Ant 1+2 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 2 Radio5	Yes
12.	WLAN2.4/5/6GHz Ant 1+2 Radio1+WLAN5GHz Ant 1+2 Radio2+WLAN6GHz Ant 1+2 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 3 Radio5	Yes
13.	WLAN2.4/5/6GHz Ant 1+2+3+4 Radio1+WLAN5GHz Ant 1+2+3+4 Radio2+WLAN6GHz Ant 1+2+3+4 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 1 Radio5	Yes
14.	WLAN2.4/5/6GHz Ant 1+2+3+4 Radio1+WLAN5GHz Ant 1+2+3+4 Radio2+WLAN6GHz Ant 1+2+3+4 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 2 Radio5	Yes
15.	WLAN2.4/5/6GHz Ant 1+2+3+4 Radio1+WLAN5GHz Ant 1+2+3+4 Radio2+WLAN6GHz Ant 1+2+3+4 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+Bluetooth Ant 3 Radio5	Yes
16.	WLAN2.4/5/6GHz Ant 1+2+3+4 Radio1+WLAN5GHz Ant 1+2+3+4 Radio2+WLAN6GHz Ant 1+2+3+4 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 1 Radio5	Yes
17.	WLAN2.4/5/6GHz Ant 1+2+3+4 Radio1+WLAN5GHz Ant 1+2+3+4 Radio2+WLAN6GHz Ant 1+2+3+4 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 2 Radio5	Yes
18.	WLAN2.4/5/6GHz Ant 1+2+3+4 Radio1+WLAN5GHz Ant 1+2+3+4 Radio2+WLAN6GHz Ant 1+2+3+4 Radio3+WLAN2.4/5/6GHz Ant 1+2 Radio4+802.15.4 Ant 3 Radio5	Yes

General Note:

1. The Scaled SAR summation is calculated based on the same configuration and test position.
2. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) Scalar SAR summation < 1g 1.6W/kg or 10g 4.0W/kg.
 - ii) $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$ for 1g SAR, ≤ 0.1 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg or 10g SAR < 4.0W/kg.



12.1 Body Exposure Conditions

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1+4+5+6+9 Summed 1g SAR (W/kg)	1+4+5+6+10 Summed 1g SAR (W/kg)	1+4+5+6+11 Summed 1g SAR (W/kg)	1+4+5+6+12 Summed 1g SAR (W/kg)	1+4+5+6+13 Summed 1g SAR (W/kg)	1+4+5+6+14 Summed 1g SAR (W/kg)	1+4+5+7+9 Summed 1g SAR (W/kg)	1+4+5+7+10 Summed 1g SAR (W/kg)	1+4+5+7+11 Summed 1g SAR (W/kg)	1+4+5+7+12 Summed 1g SAR (W/kg)	1+4+5+7+13 Summed 1g SAR (W/kg)	1+4+5+7+14 Summed 1g SAR (W/kg)	1+4+5+8+9 Summed 1g SAR (W/kg)	1+4+5+8+10 Summed 1g SAR (W/kg)	1+4+5+8+11 Summed 1g SAR (W/kg)	1+4+5+8+12 Summed 1g SAR (W/kg)	1+4+5+8+13 Summed 1g SAR (W/kg)	1+4+5+8+14 Summed 1g SAR (W/kg)
Front Face at 25mm -	0.154	0.431	0.095	0.375	0.094	0.070	0.300	0.147	0.012	0.003	0.002	0.056	0.015	0.021	0.705	0.696	0.695	0.749	0.708	0.714	0.935	0.926	0.925	0.979	0.938	0.944	0.782	0.773	0.772	0.826	0.785	0.791
Edge 1 at 25mm -	0.025	0.369	0.092	0.014	0.001	0.026	0.040	0.020	0.002	0.002	0.002	0.001	0.001	0.001	0.068	0.068	0.068	0.067	0.067	0.067	0.082	0.082	0.082	0.081	0.081	0.081	0.062	0.062	0.062	0.061	0.061	0.061
Edge 2 at 25mm -	0.004	0.042	0.001	0.027	0.012	0.015	0.028	0.007	0.002	0.002	0.002	0.011	0.001	0.001	0.060	0.060	0.060	0.069	0.059	0.059	0.073	0.073	0.073	0.082	0.072	0.072	0.052	0.052	0.052	0.061	0.051	0.051
Edge 4 at 25mm -	0.059	0.303	0.010	0.541	0.009	0.025	0.043	0.013	0.002	0.002	0.002	0.001	0.001	0.001	0.636	0.636	0.636	0.635	0.635	0.635	0.654	0.654	0.654	0.653	0.653	0.653	0.624	0.624	0.624	0.623	0.623	0.623

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	2+4+5+6+9 Summed 1g SAR (W/kg)	2+4+5+6+10 Summed 1g SAR (W/kg)	2+4+5+6+11 Summed 1g SAR (W/kg)	2+4+5+6+12 Summed 1g SAR (W/kg)	2+4+5+6+13 Summed 1g SAR (W/kg)	2+4+5+6+14 Summed 1g SAR (W/kg)	2+4+5+7+9 Summed 1g SAR (W/kg)	2+4+5+7+10 Summed 1g SAR (W/kg)	2+4+5+7+11 Summed 1g SAR (W/kg)	2+4+5+7+12 Summed 1g SAR (W/kg)	2+4+5+7+13 Summed 1g SAR (W/kg)	2+4+5+7+14 Summed 1g SAR (W/kg)	2+4+5+8+9 Summed 1g SAR (W/kg)	2+4+5+8+10 Summed 1g SAR (W/kg)	2+4+5+8+11 Summed 1g SAR (W/kg)	2+4+5+8+12 Summed 1g SAR (W/kg)	2+4+5+8+13 Summed 1g SAR (W/kg)	2+4+5+8+14 Summed 1g SAR (W/kg)
Front Face at 25mm -	0.154	0.431	0.095	0.375	0.094	0.070	0.300	0.147	0.012	0.003	0.002	0.056	0.015	0.021	0.982	0.973	0.972	1.026	0.985	0.991	1.212	1.203	1.202	1.256	1.215	1.221	1.059	1.050	1.049	1.103	1.062	1.068
Edge 1 at 25mm -	0.025	0.369	0.092	0.014	0.001	0.026	0.040	0.020	0.002	0.002	0.002	0.001	0.001	0.001	0.412	0.412	0.412	0.411	0.411	0.411	0.426	0.426	0.426	0.425	0.425	0.425	0.406	0.406	0.406	0.405	0.405	0.405
Edge 2 at 25mm -	0.004	0.042	0.001	0.027	0.012	0.015	0.028	0.007	0.002	0.002	0.002	0.011	0.001	0.001	0.098	0.098	0.098	0.107	0.097	0.097	0.111	0.111	0.111	0.120	0.110	0.110	0.090	0.090	0.090	0.099	0.089	0.089
Edge 4 at 25mm -	0.059	0.303	0.010	0.541	0.009	0.025	0.043	0.013	0.002	0.002	0.002	0.001	0.001	0.001	0.880	0.880	0.880	0.879	0.879	0.879	0.898	0.898	0.898	0.897	0.897	0.897	0.868	0.868	0.868	0.867	0.867	0.867

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	3+4+5+6+9 Summed 1g SAR (W/kg)	3+4+5+6+10 Summed 1g SAR (W/kg)	3+4+5+6+11 Summed 1g SAR (W/kg)	3+4+5+6+12 Summed 1g SAR (W/kg)	3+4+5+6+13 Summed 1g SAR (W/kg)	3+4+5+6+14 Summed 1g SAR (W/kg)	3+4+5+7+9 Summed 1g SAR (W/kg)	3+4+5+7+10 Summed 1g SAR (W/kg)	3+4+5+7+11 Summed 1g SAR (W/kg)	3+4+5+7+12 Summed 1g SAR (W/kg)	3+4+5+7+13 Summed 1g SAR (W/kg)	3+4+5+7+14 Summed 1g SAR (W/kg)	3+4+5+8+9 Summed 1g SAR (W/kg)	3+4+5+8+10 Summed 1g SAR (W/kg)	3+4+5+8+11 Summed 1g SAR (W/kg)	3+4+5+8+12 Summed 1g SAR (W/kg)	3+4+5+8+13 Summed 1g SAR (W/kg)	3+4+5+8+14 Summed 1g SAR (W/kg)
Front Face at 25mm -	0.154	0.431	0.095	0.375	0.094	0.070	0.300	0.147	0.012	0.003	0.002	0.056	0.015	0.021	0.646	0.637	0.636	0.690	0.649	0.655	0.876	0.867	0.866	0.920	0.879	0.885	0.723	0.714	0.713	0.767	0.726	0.732
Edge 1 at 25mm -	0.025	0.369	0.092	0.014	0.001	0.026	0.040	0.020	0.002	0.002	0.002	0.001	0.001	0.001	0.135	0.135	0.135	0.134	0.134	0.134	0.149	0.149	0.149	0.148	0.148	0.148	0.129	0.129	0.129	0.128	0.128	0.128
Edge 2 at 25mm -	0.004	0.042	0.001	0.027	0.012	0.015	0.028	0.007	0.002	0.002	0.002	0.011	0.001	0.001	0.057	0.057	0.057	0.066	0.056	0.056	0.070	0.070	0.070	0.079	0.069	0.069	0.049	0.049	0.049	0.058	0.048	0.048
Edge 4 at 25mm -	0.059	0.303	0.010	0.541	0.009	0.025	0.043	0.013	0.002	0.002	0.002	0.001	0.001	0.001	0.587	0.587	0.587	0.586	0.586	0.586	0.605	0.605	0.605	0.604	0.604	0.604	0.575	0.575	0.575	0.574	0.574	0.574



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Page 72 of 78
Issued Date : Jan. 28, 2026



12.2 Extremity Exposure Conditions

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14+5+6+8 Summed 10g SAR (W/kg)	14+5+6+10 Summed 10g SAR (W/kg)	14+5+6+11 Summed 10g SAR (W/kg)	14+5+6+12 Summed 10g SAR (W/kg)	14+5+6+13 Summed 10g SAR (W/kg)	14+5+6+14 Summed 10g SAR (W/kg)	14+5+7+9 Summed 10g SAR (W/kg)	14+5+7+10 Summed 10g SAR (W/kg)	14+5+7+11 Summed 10g SAR (W/kg)	14+5+7+12 Summed 10g SAR (W/kg)	14+5+7+13 Summed 10g SAR (W/kg)	14+5+7+14 Summed 10g SAR (W/kg)	14+5+8+9 Summed 10g SAR (W/kg)	14+5+8+10 Summed 10g SAR (W/kg)	14+5+8+11 Summed 10g SAR (W/kg)	14+5+8+12 Summed 10g SAR (W/kg)	14+5+8+13 Summed 10g SAR (W/kg)	14+5+8+14 Summed 10g SAR (W/kg)
Front Face at 0mm	0.386	1.527	0.207	1.289	0.354	0.142	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	2.185	2.173	2.173	2.242	2.196	2.195	2.499	2.487	2.487	2.556	2.510	2.509	2.231	2.219	2.219	2.288	2.242	2.241
Edge 1 at 0mm	0.047	0.847	0.143	0.013	0.014	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.108	0.108	0.108	0.112	0.107	0.125	0.129	0.129	0.129	0.133	0.128	0.146	0.095	0.095	0.095	0.099	0.094	0.112
Edge 2 at 0mm	0.007	0.026	0.001	0.007	0.017	0.021	0.016	0.006	0.002	0.002	0.002	0.040	0.001	0.001	0.054	0.054	0.054	0.092	0.053	0.053	0.049	0.049	0.049	0.087	0.048	0.048	0.039	0.039	0.039	0.077	0.038	0.038
Edge 4 at 0mm	0.354	0.544	0.023	1.051	0.012	0.038	0.030	0.010	0.002	0.002	0.002	0.001	0.001	0.004	1.457	1.457	1.457	1.456	1.456	1.459	1.449	1.449	1.449	1.448	1.448	1.451	1.429	1.429	1.429	1.428	1.428	1.431

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	24+5+6+8 Summed 10g SAR (W/kg)	24+5+6+10 Summed 10g SAR (W/kg)	24+5+6+11 Summed 10g SAR (W/kg)	24+5+6+12 Summed 10g SAR (W/kg)	24+5+6+13 Summed 10g SAR (W/kg)	24+5+6+14 Summed 10g SAR (W/kg)	24+5+7+9 Summed 10g SAR (W/kg)	24+5+7+10 Summed 10g SAR (W/kg)	24+5+7+11 Summed 10g SAR (W/kg)	24+5+7+12 Summed 10g SAR (W/kg)	24+5+7+13 Summed 10g SAR (W/kg)	24+5+7+14 Summed 10g SAR (W/kg)	24+5+8+9 Summed 10g SAR (W/kg)	24+5+8+10 Summed 10g SAR (W/kg)	24+5+8+11 Summed 10g SAR (W/kg)	24+5+8+12 Summed 10g SAR (W/kg)	24+5+8+13 Summed 10g SAR (W/kg)	24+5+8+14 Summed 10g SAR (W/kg)
Front Face at 0mm	0.386	1.527	0.207	1.289	0.354	0.142	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	3.326	3.314	3.314	3.383	3.337	3.336	3.640	3.628	3.628	3.697	3.651	3.650	3.372	3.360	3.360	3.429	3.383	3.382
Edge 1 at 0mm	0.047	0.847	0.143	0.013	0.014	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.908	0.908	0.908	0.912	0.907	0.925	0.929	0.929	0.929	0.933	0.928	0.946	0.895	0.895	0.895	0.899	0.894	0.912
Edge 2 at 0mm	0.007	0.026	0.001	0.007	0.017	0.021	0.016	0.006	0.002	0.002	0.002	0.040	0.001	0.001	0.073	0.073	0.073	0.111	0.072	0.072	0.066	0.066	0.066	0.106	0.067	0.067	0.058	0.058	0.058	0.096	0.057	0.057
Edge 4 at 0mm	0.354	0.544	0.023	1.051	0.012	0.038	0.030	0.010	0.002	0.002	0.002	0.001	0.001	0.004	1.647	1.647	1.647	1.646	1.646	1.649	1.639	1.639	1.639	1.638	1.638	1.641	1.619	1.619	1.619	1.618	1.618	1.621

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	34+5+6+8 Summed 10g SAR (W/kg)	34+5+6+10 Summed 10g SAR (W/kg)	34+5+6+11 Summed 10g SAR (W/kg)	34+5+6+12 Summed 10g SAR (W/kg)	34+5+6+13 Summed 10g SAR (W/kg)	34+5+6+14 Summed 10g SAR (W/kg)	34+5+7+9 Summed 10g SAR (W/kg)	34+5+7+10 Summed 10g SAR (W/kg)	34+5+7+11 Summed 10g SAR (W/kg)	34+5+7+12 Summed 10g SAR (W/kg)	34+5+7+13 Summed 10g SAR (W/kg)	34+5+7+14 Summed 10g SAR (W/kg)	34+5+8+9 Summed 10g SAR (W/kg)	34+5+8+10 Summed 10g SAR (W/kg)	34+5+8+11 Summed 10g SAR (W/kg)	34+5+8+12 Summed 10g SAR (W/kg)	34+5+8+13 Summed 10g SAR (W/kg)	34+5+8+14 Summed 10g SAR (W/kg)
Front Face at 0mm	0.386	1.527	0.207	1.289	0.354	0.142	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	2.006	1.994	1.994	2.063	2.017	2.016	2.320	2.308	2.308	2.377	2.331	2.330	2.052	2.040	2.040	2.109	2.063	2.062
Edge 1 at 0mm	0.047	0.847	0.143	0.013	0.014	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.204	0.204	0.204	0.208	0.203	0.221	0.225	0.225	0.225	0.229	0.224	0.242	0.191	0.191	0.191	0.195	0.190	0.208
Edge 2 at 0mm	0.007	0.026	0.001	0.007	0.017	0.021	0.016	0.006	0.002	0.002	0.002	0.040	0.001	0.001	0.048	0.048	0.048	0.086	0.047	0.047	0.043	0.043	0.043	0.081	0.042	0.042	0.033	0.033	0.033	0.071	0.032	0.032
Edge 4 at 0mm	0.354	0.544	0.023	1.051	0.012	0.038	0.030	0.010	0.002	0.002	0.002	0.001	0.001	0.004	1.126	1.126	1.126	1.125	1.125	1.128	1.118	1.118	1.118	1.117	1.117	1.120	1.098	1.098	1.098	1.097	1.097	1.100

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14+5+6+8 Summed 10g SAR (W/kg)	14+5+6+10 Summed 10g SAR (W/kg)	14+5+6+11 Summed 10g SAR (W/kg)	14+5+6+12 Summed 10g SAR (W/kg)	14+5+6+13 Summed 10g SAR (W/kg)	14+5+6+14 Summed 10g SAR (W/kg)	14+5+7+9 Summed 10g SAR (W/kg)	14+5+7+10 Summed 10g SAR (W/kg)	14+5+7+11 Summed 10g SAR (W/kg)	14+5+7+12 Summed 10g SAR (W/kg)	14+5+7+13 Summed 10g SAR (W/kg)	14+5+7+14 Summed 10g SAR (W/kg)	14+5+8+9 Summed 10g SAR (W/kg)	14+5+8+10 Summed 10g SAR (W/kg)	14+5+8+11 Summed 10g SAR (W/kg)	14+5+8+12 Summed 10g SAR (W/kg)	14+5+8+13 Summed 10g SAR (W/kg)	14+5+8+14 Summed 10g SAR (W/kg)
Front Face at 0mm	0.474	1.568	0.232	1.489	0.316	0.142	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	2.435	2.423	2.423	2.492	2.446	2.445	2.749	2.737	2.737	2.806	2.760	2.759	2.481	2.469	2.469	2.538	2.492	2.491
Edge 1 at 0mm	0.088	0.780	0.160	0.065	0.103	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.290	0.290	0.290	0.294	0.289	0.307	0.311	0.311	0.311	0.315	0.310	0.328	0.277	0.277	0.277	0.281	0.276	0.294
Edge 2 at 0mm	0.048	0.691	0.041	0.041	0.018	0.021	0.016	0.006	0.002	0.002	0.002	0.040	0.001	0.001	0.130	0.130	0.130	0.168	0.129	0.129	0.125	0.125	0.125	0.163	0.124	0.124	0.115	0.115	0.115	0.153	0.114	0.114
Edge 4 at 0mm	0.470	0.521	0.023	1.415	0.014	0.038	0.030	0.010	0.002	0.002	0.002	0.001	0.001	0.004	1.939	1.939	1.939	1.938	1.938	1.941	1.931	1.931	1.931	1.930	1.930	1.933	1.911	1.911	1.911	1.910	1.910	1.913

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	24+5+6+8 Summed 10g SAR (W/kg)	24+5+6+10 Summed 10g SAR (W/kg)	24+5+6+11 Summed 10g SAR (W/kg)	24+5+6+12 Summed 10g SAR (W/kg)	24+5+6+13 Summed 10g SAR (W/kg)	24+5+6+14 Summed 10g SAR (W/kg)	24+5+7+9 Summed 10g SAR (W/kg)	24+5+7+10 Summed 10g SAR (W/kg)	24+5+7+11 Summed 10g SAR (W/kg)	24+5+7+12 Summed 10g SAR (W/kg)	24+5+7+13 Summed 10g SAR (W/kg)	24+5+7+14 Summed 10g SAR (W/kg)	24+5+8+9 Summed 10g SAR (W/kg)	24+5+8+10 Summed 10g SAR (W/kg)	24+5+8+11 Summed 10g SAR (W/kg)	24+5+8+12 Summed 10g SAR (W/kg)	24+5+8+13 Summed 10g SAR (W/kg)	24+5+8+14 Summed 10g SAR (W/kg)
Front Face at 0mm	0.474	1.568	0.232	1.489	0.316	0.142	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	3.529	3.517	3.517	3.586	3.540	3.539	3.843	3.831	3.831	3.900	3.854	3.853	3.575	3.563	3.563	3.632	3.586	3.585
Edge 1 at 0mm	0.088	0.780	0.160	0.065	0.103	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.982	0.982	0.982	0.986	0.981	0.999	1.003	1.003	1.003	1.007	1.002	1.020	0.969	0.969	0.969	0.973	0.968	0.986
Edge 2 at 0mm	0.048	0.691	0.041	0.041	0.018	0.021	0.016	0.006	0.002	0.002	0.002	0.040	0.001	0.001	0.773	0.773	0.773	0.811	0.772	0.772	0.768	0.768	0.768	0.806	0.767	0.767	0.758	0.758	0.758	0.796	0.757	0.757
Edge 4 at 0mm	0.470	0.521	0.023	1.415	0.014	0.038	0.030	0.010	0.002	0.002	0.002	0.001	0.001	0.004	1.990	1.990	1.990	1.989	1.989	1.992	1.982	1.982	1.982	1.981	1.981	1.984	1.962	1.962	1.962	1.961	1.961	1.964

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	34+5+6+8 Summed 10g SAR (W/kg)	34+5+6+10 Summed 10g SAR (W/kg)	34+5+6+11 Summed 10g SAR (W/kg)	34+5+6+12 Summed 10g SAR (W/kg)	34+5+6+13 Summed 10g SAR (W/kg)	34+5+6+14 Summed 10g SAR (W/kg)	34+5+7+9 Summed 10g SAR (W/kg)	34+5+7+10 Summed 10g SAR (W/kg)	34+5+7+11 Summed 10g SAR (W/kg)	34+5+7+12 Summed 10g SAR (W/kg)	34+5+7+13 Summed 10g SAR (W/kg)	34+5+7+14 Summed 10g SAR (W/kg)	34+5+8+9 Summed 10g SAR (W/kg)	34+5+8+10 Summed 10g SAR (W/kg)	34+5+8+11 Summed 10g SAR (W/kg)	34+5+8+12 Summed 10g SAR (W/kg)	34+5+8+13 Summed 10g SAR (W/kg)	34+5+8+14 Summed 10g SAR (W/kg)
Front Face at 0mm	0.474	1.568	0.232	1.489	0.316	0.142	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	2.193	2.181	2.181	2.250	2.204	2.203	2.507	2.495	2.495	2.564	2.518	2.517	2.239	2.227	2.227	2.296	2.250	2.249
Edge 1 at 0mm	0.088	0.780	0.160	0.065	0.103	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.362	0.362	0.362	0.366	0.361	0.379	0.383	0.383	0.383	0.387	0.382	0.400	0.349	0.349	0.349	0.353	0.348	0.366
Edge 2 at 0mm	0.048	0.691	0.041	0.041	0.018	0.021	0.016	0.006	0.002	0.002	0.002	0.040	0.001	0.001	0.123	0.123	0.123	0.161	0.122	0.122	0.118	0.118	0.118	0.156	0.117	0.117	0.108	0.108	0.108	0.146	0.107	0.107
Edge 4 at 0mm	0.470	0.521	0.023	1.415	0.014	0.038	0.030	0.010	0.002	0.002	0.002	0.001	0.001	0.004	1.492	1.492	1.492	1.491	1.491	1.494	1.484	1.484	1.484	1.483	1.483	1.486	1.464	1.464	1.464	1.463	1.463	1.466



Report No. : FA561916-01

	1	2	3	4	5	6	7	8	9	10	11	12	13	14																			
Exposure Position	WLAN Ant 1 SAR (W/kg)	WLAN Ant 2 SAR (W/kg)	WLAN Ant 3 SAR (W/kg)	WLAN Ant 4 SAR (W/kg)	WLAN Ant 5 SAR (W/kg)	WLAN Ant 6 SAR (W/kg)	WLAN Ant 7 SAR (W/kg)	WLAN Ant 8 SAR (W/kg)	Bluetooth Ant 1 SAR (W/kg)	Bluetooth Ant 2 SAR (W/kg)	Bluetooth Ant 3 SAR (W/kg)	802.15.4 Ant 1 SAR (W/kg)	802.15.4 Ant 2 SAR (W/kg)	802.15.4 Ant 3 SAR (W/kg)	Summed 10g SAR (W/kg)	1+4+5+6+9 Summed 10g SAR (W/kg)	1+4+5+6+10 Summed 10g SAR (W/kg)	1+4+5+6+11 Summed 10g SAR (W/kg)	1+4+5+6+12 Summed 10g SAR (W/kg)	1+4+5+6+13 Summed 10g SAR (W/kg)	1+4+5+6+14 Summed 10g SAR (W/kg)	1+4+5+7+9 Summed 10g SAR (W/kg)	1+4+5+7+10 Summed 10g SAR (W/kg)	1+4+5+7+11 Summed 10g SAR (W/kg)	1+4+5+7+12 Summed 10g SAR (W/kg)	1+4+5+7+13 Summed 10g SAR (W/kg)	1+4+5+7+14 Summed 10g SAR (W/kg)	1+4+5+8+9 Summed 10g SAR (W/kg)	1+4+5+8+10 Summed 10g SAR (W/kg)	1+4+5+8+11 Summed 10g SAR (W/kg)	1+4+5+8+12 Summed 10g SAR (W/kg)	1+4+5+8+13 Summed 10g SAR (W/kg)	1+4+5+8+14 Summed 10g SAR (W/kg)
Front Face at 0mm	0.519	1.601	0.210	0.896	0.181	0.142	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	1.752	1.740	1.740	1.809	1.763	1.762	2.066	2.054	2.054	2.123	2.077	2.076	1.798	1.786	1.786	1.855	1.809	1.808	
Edge 1 at 0mm	0.125	0.604	0.149	0.039	0.045	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.243	0.243	0.243	0.247	0.242	0.260	0.264	0.264	0.264	0.264	0.268	0.263	0.281	0.230	0.230	0.230	0.234	0.229	0.247
Edge 2 at 0mm	0.529	0.515	0.043	0.603	0.031	0.021	0.011	0.016	0.006	0.002	0.002	0.040	0.001	0.001	1.186	1.186	1.186	1.224	1.185	1.185	1.181	1.181	1.181	1.181	1.219	1.180	1.180	1.171	1.171	1.171	1.209	1.170	1.170
Edge 4 at 0mm	0.348	0.492	0.092	0.829	0.001	0.038	0.030	0.010	0.002	0.002	0.002	0.001	0.001	0.004	1.218	1.218	1.218	1.217	1.217	1.220	1.210	1.210	1.210	1.210	1.210	1.212	1.190	1.190	1.190	1.189	1.189	1.192	

Exposure Position	1		2		3		4		5		6		7		8		9		10		11		12		13		14		2+4+5+6+9 Summed Ant 1+2+3+4 Radiat.		2+4+5+6+10 Summed Ant 1+2 Radiat.		2+4+5+6+11 Summed Ant 1+2 Radiat.		2+4+5+6+12 Summed Ant 1+2 Radiat.		2+4+5+6+13 Summed Ant 1+2 Radiat.		2+4+5+6+14 Summed Ant 1+2 Radiat.		2+4+5+6+7+9 Summed Ant 1+2 Radiat.		2+4+5+6+7+10 Summed Ant 1+2 Radiat.		2+4+5+6+7+11 Summed Ant 1+2 Radiat.		2+4+5+6+7+12 Summed Ant 1+2 Radiat.		2+4+5+6+7+13 Summed Ant 1+2 Radiat.		2+4+5+6+7+14 Summed Ant 1+2 Radiat.		2+4+5+6+8+9 Summed Ant 1+2 Radiat.		2+4+5+6+8+10 Summed Ant 1+2 Radiat.		2+4+5+6+8+11 Summed Ant 1+2 Radiat.		2+4+5+6+8+12 Summed Ant 1+2 Radiat.		2+4+5+6+8+13 Summed Ant 1+2 Radiat.		2+4+5+6+8+14 Summed Ant 1+2 Radiat.	
	WLAN 2.4GHz Ant 1+2+3+4 Radiat.	WLAN 5GHz Ant 1+2+3+4 Radiat.	WLAN 6GHz Ant 1+2+3+4 Radiat.	WLAN 6GHz Ant 1+2+3+4 Radiat.	WLAN 6GHz Ant 1+2+3+4 Radiat.	WLAN 2.4GHz Ant 1+2 Radiat.	WLAN 5GHz Ant 1+2 Radiat.	WLAN 6GHz Ant 1+2 Radiat.	Bluetooth Ant 1 Radiat.	Bluetooth Ant 2 Radiat.	Bluetooth Ant 3 Radiat.	802.15.4 Ant 1 Radiat.	802.15.4 Ant 2 Radiat.	802.15.4 Ant 3 Radiat.	2+4+5+6+9 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+10 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+11 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+12 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+13 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+14 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+7+9 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+7+10 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+7+11 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+7+12 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+7+13 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+7+14 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+8+9 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+8+10 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+8+11 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+8+12 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+8+13 Summed Ant 1+2 Radiat. (W/kg)	2+4+5+6+8+14 Summed Ant 1+2 Radiat. (W/kg)																																
Front Face at 0mm	0.519	1.601	0.210	0.096	0.181	0.342	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	2.834	2.822	2.822	2.891	2.845	2.844	3.148	3.136	3.136	3.205	3.159	3.158	2.880	2.868	2.868	2.967	2.881	2.880																																
Edge 1 at 0mm	0.125	0.604	0.149	0.039	0.045	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.722	0.722	0.722	0.726	0.721	0.739	0.743	0.743	0.743	0.747	0.742	0.760	0.709	0.709	0.709	0.713	0.708	0.726																																
Edge 2 at 0mm	0.529	0.515	0.043	0.603	0.031	0.021	0.016	0.006	0.002	0.002	0.002	0.001	0.001	0.001	1.172	1.172	1.172	1.210	1.171	1.171	1.167	1.167	1.167	1.205	1.166	1.166	1.157	1.157	1.157	1.195	1.156	1.156																																
Edge 4 at 0mm	0.348	0.492	0.092	0.829	0.001	0.038	0.030	0.010	0.002	0.002	0.002	0.001	0.001	0.004	1.362	1.362	1.362	1.361	1.361	1.364	1.354	1.354	1.354	1.353	1.353	1.356	1.334	1.334	1.334	1.333	1.333	1.336																																

Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	3+4+5+6-10 Summed 10g SAR (W/kg)	3+4+5+6-10 Summed 10g SAR (W/kg)	3+4+5+6-11 Summed 10g SAR (W/kg)	3+4+5+6-12 Summed 10g SAR (W/kg)	3+4+5+6-13 Summed 10g SAR (W/kg)	3+4+5+6-14 Summed 10g SAR (W/kg)	3+4+5+7-9 Summed 10g SAR (W/kg)	3+4+5+7-10 Summed 10g SAR (W/kg)	3+4+5+7-11 Summed 10g SAR (W/kg)	3+4+5+7-12 Summed 10g SAR (W/kg)	3+4+5+7-13 Summed 10g SAR (W/kg)	3+4+5+8-9 Summed 10g SAR (W/kg)	3+4+5+8-10 Summed 10g SAR (W/kg)	3+4+5+8-11 Summed 10g SAR (W/kg)	3+4+5+8-12 Summed 10g SAR (W/kg)	3+4+5+8-13 Summed 10g SAR (W/kg)	3+4+5+8-14 Summed 10g SAR (W/kg)		
	WLAN 2.4GHz 1+2+3+4 Summed 10g SAR (W/kg)	WLAN 5GHz 1+2+3+4 Summed 10g SAR (W/kg)	WLAN 6GHz 1+2+3+4 Summed 10g SAR (W/kg)	WLAN 5GHz 1+2+3+4 Summed 10g SAR (W/kg)	6GHz 1+2+3+4 Summed 10g SAR (W/kg)	WLAN 2.4GHz 1+2+3+4 Summed 10g SAR (W/kg)	WLAN 5GHz 1+2+3+4 Summed 10g SAR (W/kg)	6GHz 1+2+3+4 Summed 10g SAR (W/kg)	Bluetooth A1+2 Radio5	Bluetooth A1+2 Radio5	Bluetooth A1+2 Radio5	Bluetooth A1+2 Radio5	Bluetooth A1+2 Radio5	Bluetooth A1+2 Radio5																			
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)																			
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)																			
Front Face at 0mm	0.519	1.601	0.210	0.896	0.181	0.142	0.456	0.188	0.014	0.002	0.002	0.071	0.025	0.024	1.443	1.431	1.431	1.500	1.454	1.453	1.757	1.745	1.745	1.814	1.768	1.767	1.489	1.477	1.477	1.546	1.500	1.499	
Edge 1 at 0mm	0.125	0.604	0.149	0.039	0.045	0.032	0.053	0.019	0.002	0.002	0.002	0.006	0.001	0.019	0.267	0.267	0.267	0.271	0.266	0.284	0.288	0.288	0.288	0.292	0.287	0.305	0.254	0.254	0.254	0.258	0.253	0.271	
Edge 2 at 0mm	0.529	0.515	0.043	0.603	0.031	0.021	0.016	0.006	0.002	0.002	0.002	0.040	0.001	0.001	0.700	0.700	0.700	0.738	0.699	0.699	0.695	0.695	0.695	0.695	0.733	0.694	0.694	0.685	0.685	0.685	0.723	0.684	0.684
Edge 4 at 0mm	0.438	0.492	0.092	0.829	0.001	0.031	0.028	0.030	0.010	0.002	0.002	0.002	0.001	0.004	0.962	0.962	0.962	0.961	0.961	0.964	0.954	0.954	0.954	0.954	0.953	0.953	0.956	0.934	0.934	0.934	0.933	0.933	0.936

Test Engineer : White Huang, Tommy Chen and Jordar Jhuang

13. 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 uncertainty may generally be categorized according to the methods used to evaluate them. The evaluation of uncertainty by the statistical analysis of a series of observations is termed a Type A 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) k 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 dependent 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

14. 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
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- [4] SPEAG DASY System Handbook
- [5] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [6] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [7] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [8] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [9] IEC/IEEE 62209-1528:2020, "Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)", Oct. 2020
- [10] SPEAG DASY6 System Handbook
- [11] SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)