

FCC SAR TEST REPORT

FCC ID : RAS-MT7920
Equipment : 2TX 11ax (WiFi6) BW80 + BT/BLE Combo Card
Brand Name : MediaTek
Model Name : MT7920
Applicant : MEDIATEK Inc.
No. 1, Dusing 1st Rd., Hsinchu Science Park
Hsinchu City 30078 Taiwan
Standard : FCC 47 CFR Part 2 (2.1093)

Equipment: MediaTek MT7920 tested inside of Lenovo Notebook Computer.

The product was received on Nov. 22, 2025 and testing was started from Nov. 22, 2025 and completed on Nov. 24, 2025. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample provide by manufacturer and the test data has been evaluated in accordance with the test procedures given in 47 CFR Part 2.1093 and FCC KDB and has been pass the FCC requirement.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Laboratory, the test report shall not be reproduced except in full.



Approved by: Cona Huang / Deputy Manager



Sporton International Inc. EMC & Wireless Communications Laboratory

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
5. Specific Absorption Rate (SAR).....	7
5.1 Introduction	7
5.2 SAR Definition.....	7
6. System Description and Setup	8
6.1 Test Site Location.....	8
6.2 E-Field Probe	9
6.3 Data Acquisition Electronics (DAE)	9
6.4 Phantom.....	10
6.5 Device Holder.....	11
7. Measurement Procedures	12
7.1 Spatial Peak SAR Evaluation.....	12
7.2 Power Reference Measurement.....	13
7.3 Area Scan	13
7.4 Zoom Scan.....	14
7.5 Volume Scan Procedures.....	14
7.6 Power Drift Monitoring.....	14
8. Test Equipment List.....	15
9. System Verification	16
9.1 Tissue Verification	16
9.2 System Performance Check Results.....	17
10. RF Exposure Positions	17
10.1 SAR Testing for Tablet.....	17
11. WiFi/Bluetooth Output Power (Unit: dBm)	18
12. SAR Test Results	52
12.1 Body SAR	53
12.2 Repeated SAR Measurement	54
13. Simultaneous Transmission Analysis.....	55
13.1 Body Exposure Conditions.....	55
14. Uncertainty Assessment	56
15. References.....	56
Appendix A. Plots of System Performance Check	
Appendix B. Plots of High SAR Measurement	
Appendix C. DASY Calibration Certificate	
Appendix D. Test Setup Photos and Antenna Location	

History of this test report

Report No.	Version	Description	Issued Date
FA5O1529-06	01	Initial issue of report	Jan. 06, 2026

1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) for MEDIATEK Inc., 2TX 11ax (WiFi6) BW80 + BT/BLE Combo Card, MT7920, are as follows.

Equipment Class		Highest SAR Summary		Highest Body Simultaneous Transmission 1g SAR (W/kg)
		Body (Separation 0mm)		
		1g SAR (W/kg)		
DTS	2.4GHz WLAN	0.99		1.34
NII	5GHz WLAN	1.19		1.54
DSS	Bluetooth	0.35		1.54
Date of Testing:		2025/11/22 ~ 2025/11/24		

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation and the FCC designation No. TW1190 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC test. This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg for Partial-Body 1g SAR) specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications.

Reviewed by: Jason Wang

Report Producer: Carlie Tsai

2. Guidance Applied

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards, the below KDB standard may not including in the TAF code without accreditation.

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- IEEE 1528-2013
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04
- FCC KDB 865664 D02 SAR Reporting v01r02
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 248227 D01 802.11 Wi-Fi SAR v02r02
- FCC KDB 616217 D04 SAR for laptop and tablets v01r02

3. Equipment Under Test (EUT) Information

3.1 General Information

Product Feature & Specification	
Equipment Name	2TX 11ax (WiFi6) BW80 + BT/BLE Combo Card
Brand Name	MediaTek
Model Name	MT7920
FCC ID	RAS-MT7920
Wireless Technology and Frequency Range	WLAN 2.4 GHz Band: 2400 MHz ~ 2483.5 MHz WLAN 5.2 GHz Band: 5150 MHz ~ 5250 MHz WLAN 5.3 GHz Band: 5250 MHz ~ 5350 MHz WLAN 5.6 GHz Band: 5470 MHz ~ 5725 MHz WLAN 5.8 GHz Band: 5725 MHz ~ 5850 MHz WLAN 5.9 GHz Band: 5850 MHz ~ 5895 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz
Mode	WLAN: 802.11a/b/g/n/ac/ax/be HT20/HT40/VHT20/VHT40/VHT80/HE20/HE40/HE80/EHT20/EHT40/EHT80 Bluetooth BR/EDR/LE
Remark: 1. This device has two antenna vendors; RF exposure evaluation selects HTK as the main test, Pulse will spot check worst case found in HTK. 2. This device is convertible type notebook PC, and there are two mode as usage way, one is laptop mode, another is tablet mode.	

Host Information	
Equipment Name	Notebook Computer
Brand Name	Lenovo
Model Name	IdeaPad 5 2-in-1 14AGP11*****(*=0~9 , A~Z, a~z, “- “ or blank, for marketing use only, with no impact on RF compliance of the product) IdeaPad 5 2-in-1 14AHP11*****(*=0~9 , A~Z, a~z, “- “ or blank, for marketing use only, with no impact on RF compliance of the product)
EUT Stage	Identical Prototype

Antenna Information									
1 HTK	Ant. Type	PIFA	connector	NA	2 Pulse	Ant. Type	PIFA	connector	NA
	Model No.	Main:DC330033A00 (0ACCN025012N)	Aux:DC330033A10 (0ACCN025013N)			Model No.	Main:DC330033B00 (TZ3264D)	Aux:DC330033B10 (TZ3264E)	
	Peak Gain (dBi)					Peak Gain (dBi)			
	2400~2483.5MHz	Main:2.39 Aux:2.3	5725~5850MHz	Main:2.24 Aux:2.81		2400~2483.5MHz	Main:1.8 Aux:1.98	5725~5850MHz	Main:2.2 Aux:2.46
	5150~5250MHz	Main:2.84 Aux:1.26	5850~5895MHz	Main:2.72 Aux:2.22		5150~5250MHz	Main:2.8 Aux:1	5850~5895MHz	Main:2.45 Aux:2.3
	5250~5350MHz	Main:2.47 Aux:2.63	5925~7125MHz	Main:2.65 Aux:2.78		5250~5350MHz	Main:2.35 Aux:2.3	5925~7125MHz	Main:2.3 Aux:2.7
	5470~5725MHz	Main:2.33 Aux:2.58				5470~5725MHz	Main:2.25 Aux:2.49		

4. RF Exposure Limits

4.1 Uncontrolled Environment

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

4.2 Controlled Environment

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

Limits for Occupational/Controlled Exposure (W/kg)

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

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

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

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

5. Specific Absorption Rate (SAR)

5.1 Introduction

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

5.2 SAR Definition

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

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

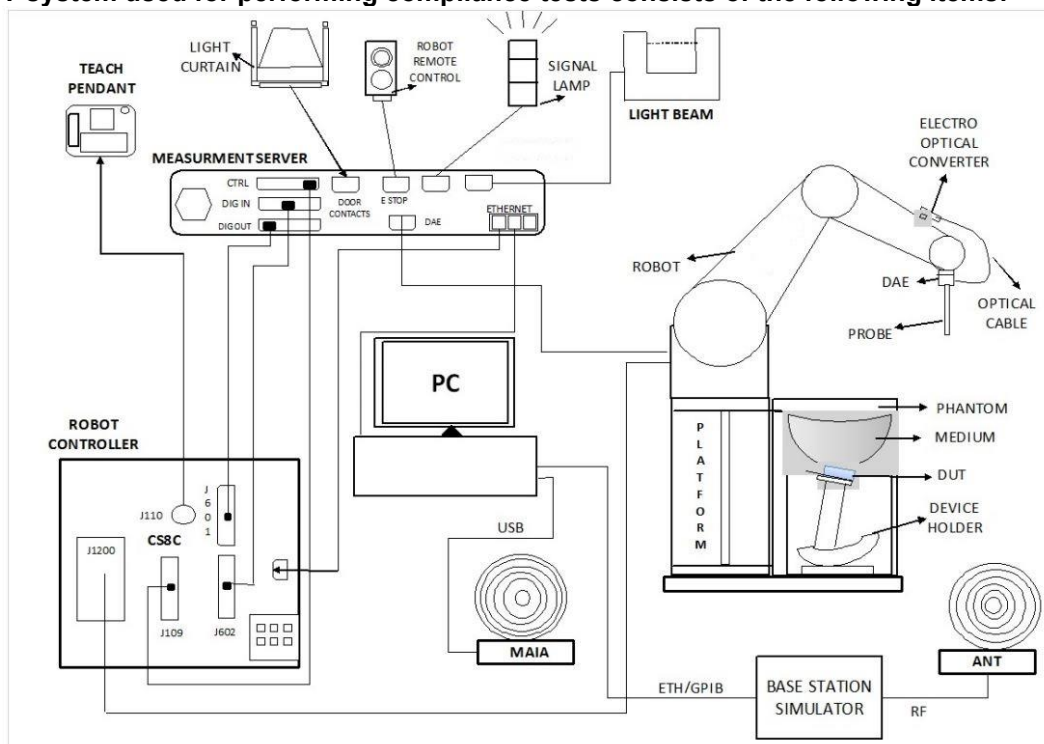
SAR is expressed in units of Watts per kilogram (W/kg)

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

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 No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333		TW3786 No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010				
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.

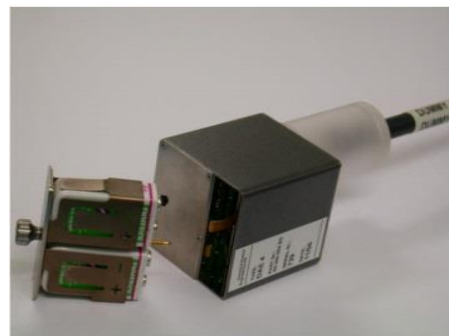


Fig 5.1 Photo of DAE

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	Last Cal.	Due Date
SPEAG	2450MHz System Validation Kit	D2450V2	806	Mar. 13, 2025	Mar. 12, 2026
SPEAG	5GHz System Validation Kit ⁽²⁾	D5GHzV2	1171	Apr. 19, 2024	Apr. 17, 2026
SPEAG	Data Acquisition Electronics	DAE4ip	1823	Jul. 11, 2025	Jul. 10, 2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7590	Mar. 19, 2025	Mar. 18, 2026
SPEAG	Dielectric Probe Kit	DAK-3.5	1270	May. 19, 2025	May. 18, 2026
Testo	Hygro meter	608-H1	45196600	Nov. 04, 2025	Nov. 03, 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	MG3710A	6201502524	Sep. 24, 2025	Sep. 23, 2026
Keysight	ENA Network Analyzer	E5071C	MY46104758	Oct. 14, 2025	Oct. 13, 2026
LINE SEIKI	Digital Thermometer	DTM3000-spezial	3902	Feb. 19, 2025	Feb. 18, 2026
Anritsu	Power Meter	ML2496A	2119003	Jul. 14, 2025	Jul. 13, 2026
R&S	Power Sensor	NRP8S	109687	Sep. 22, 2025	Sep. 21, 2026
Anritsu	Spectrum Analyzer	N9010A	MY53470118	Sep. 09, 2025	Sep. 08, 2026
Mini-Circuits	Power Amplifier	ZVE-8G+	D120604	Oct. 17, 2025	Oct. 16, 2026
ATM	Dual Directional Coupler	C122H-10	P610410z-02	Note 1	
Warison	Directional Coupler	WCOU-10-50S-10	WR889BMC4B1	Note 1	
Woken	Attenuator 1	WK0602-XX	N/A	Note 1	
PE	Attenuator 2	PE7005-10	N/A	Note 1	
PE	Attenuator 3	PE7005- 3	N/A	Note 1	

General Note:

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



9. System Verification

9.1 Tissue Verification

The tissue dielectric parameters of tissue-equivalent media used for SAR measurements must be characterized within a temperature range of 18°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	1.76	41.2	1.8	39.2	-2.22	5.10	± 10.0	2025-11-22
5250	22.6	4.52	36.7	4.71	35.95	-4.03	2.09	± 10.0	2025-11-23
5250	22.8	4.53	36.7	4.71	35.95	-3.82	2.09	± 10.0	2025-11-24
5600	22.6	4.91	36.1	5.07	35.5	-3.16	1.69	± 10.0	2025-11-23
5600	22.8	4.93	36.1	5.07	35.5	-2.76	1.69	± 10.0	2025-11-24
5800	22.6	5.16	35.7	5.27	35.3	-2.09	1.13	± 10.0	2025-11-23
5800	22.8	5.17	35.8	5.27	35.3	-1.90	1.42	± 10.0	2025-11-24

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 (%)
SAR06	2025-11-22	2450	50.00	D2450V2 - 806	EX3DV4 - SN7590	DAE4ip Sn1823	2.490	52.900	49.800	-5.86	1.170	24.700	23.400	-5.26
SAR06	2025-11-23	5250	50.00	D5GHzV2 - 1171	EX3DV4 - SN7590	DAE4ip Sn1823	3.550	78.700	71.000	-9.78	1.030	22.700	20.600	-9.25
SAR06	2025-11-24	5250	50.00	D5GHzV2 - 1171	EX3DV4 - SN7590	DAE4ip Sn1823	3.560	78.700	71.200	-9.53	1.040	22.700	20.800	-8.37
SAR06	2025-11-23	5600	50.00	D5GHzV2 - 1171	EX3DV4 - SN7590	DAE4ip Sn1823	3.830	81.400	76.600	-5.90	1.110	23.400	22.200	-5.13
SAR06	2025-11-24	5600	50.00	D5GHzV2 - 1171	EX3DV4 - SN7590	DAE4ip Sn1823	3.800	81.400	76.000	-6.63	1.100	23.400	22.000	-5.98
SAR06	2025-11-23	5800	50.00	D5GHzV2 - 1171	EX3DV4 - SN7590	DAE4ip Sn1823	3.900	78.900	78.000	-1.14	1.120	22.400	22.400	0.00
SAR06	2025-11-24	5800	50.00	D5GHzV2 - 1171	EX3DV4 - SN7590	DAE4ip Sn1823	3.910	78.900	78.200	-0.89	1.120	22.400	22.400	0.00

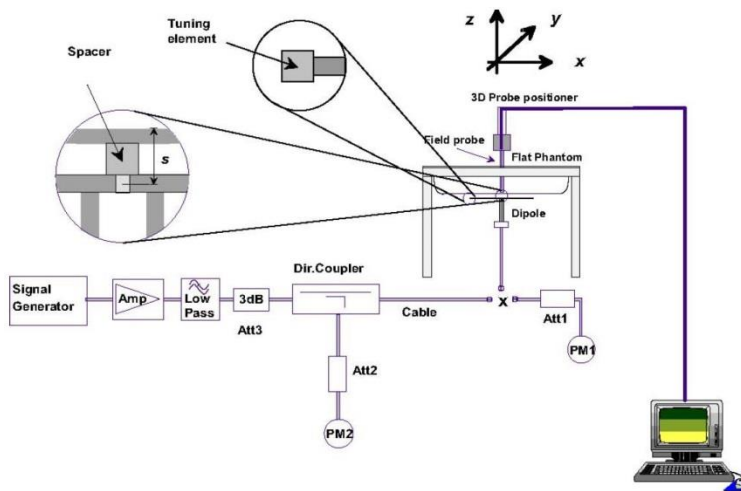


Fig 8.3.1 System Performance Check Setup



Fig 8.3.2 Setup Photo

10. RF Exposure Positions

10.1 SAR Testing for Tablet

This device can be used also in full sized tablet exposure conditions, due to its size. Per FCC KDB 616217, the back surface and edges of the tablet should be tested for SAR compliance with the tablet touching the phantom. The SAR exclusion threshold in KDB 447498 D01v06 can be applied to determine SAR test exclusion for adjacent edge configurations. The closest distance from the antenna to an adjacent tablet edge is used to determine if SAR testing is required for the adjacent edges, with the adjacent edge positioned against the phantom and the edge containing the antenna positioned perpendicular to the phantom.

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

General Note:

1. For each antenna, transmit power in SISO operation is larger than (or equal to) the power in MIMO operation, RF exposure compliance of MIMO mode can be deduced from the compliance simultaneous transmission of antennas operating in SISO mode.
2. Per KDB 248227 D01v02r02, the simultaneous SAR provisions in KDB publication 447498 should be applied to determine simultaneous transmission SAR test exclusion for WiFi MIMO. If the sum of 1g single transmission chain SAR measurements is $< 1.6\text{W/kg}$ and SAR peak to location ratio ≤ 0.04 , no additional SAR measurements for MIMO.
3. The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures. For "Not required", SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, additional output power measurements were not necessary.
4. 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.
5. 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).
6. 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.
7. 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 $\leq 0.4\text{ W/kg}$, 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 $> 0.4\text{ W/kg}$, 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 $\leq 0.8\text{ W/kg}$ or all required test position are tested.
 - c. For all positions/configurations, when the reported SAR is $> 0.8\text{ W/kg}$, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is $\leq 1.2\text{ W/kg}$ or all required channels are tested.
8. 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)
9. In applying the test guidance, the IEEE 802.11 mode with the maximum output power (out of all modes) should be considered for testing
10. 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
11. 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

**【2.4GHz WLAN_Main_Laptop】**

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11b 1Mbps	1	2412	Not Required	14.50	Not Required
802.11b 1Mbps	6	2437	Not Required	14.50	Not Required
802.11b 1Mbps	11	2462	Not Required	14.50	Not Required
802.11b 1Mbps	12	2467	Not Required	14.50	Not Required
802.11b 1Mbps	13	2472	Not Required	12.00	Not Required
802.11g 6Mbps	1	2412	Not Required	14.50	Not Required
802.11g 6Mbps	6	2437	Not Required	14.50	Not Required
802.11g 6Mbps	11	2462	Not Required	14.50	Not Required
802.11g 6Mbps	12	2467	Not Required	14.50	Not Required
802.11g 6Mbps	13	2472	Not Required	12.00	Not Required
802.11n-HT20 MCS0	1	2412	Not Required	14.50	Not Required
802.11n-HT20 MCS0	6	2437	Not Required	14.50	Not Required
802.11n-HT20 MCS0	11	2462	Not Required	14.50	Not Required
802.11n-HT20 MCS0	12	2467	Not Required	14.50	Not Required
802.11n-HT20 MCS0	13	2472	Not Required	11.00	Not Required
802.11n-HT40 MCS0	3	2422	Not Required	14.50	Not Required
802.11n-HT40 MCS0	6	2437	Not Required	14.50	Not Required
802.11n-HT40 MCS0	9	2452	Not Required	14.50	Not Required
802.11n-HT40 MCS0	10	2457	Not Required	14.50	Not Required
802.11n-HT40 MCS0	11	2462	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	1	2412	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	6	2437	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	11	2462	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	12	2467	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	13	2472	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	3	2422	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	6	2437	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	9	2452	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	10	2457	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	11	2462	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	1	2412	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	6	2437	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	11	2462	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	12	2467	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	13	2472	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	3	2422	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	6	2437	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	9	2452	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	10	2457	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	11	2462	Not Required	11.00	Not Required



【2.4GHz WLAN_Aux_Laptop】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11b 1Mbps	1	2412	Not Required	14.50	Not Required
802.11b 1Mbps	6	2437	Not Required	14.50	Not Required
802.11b 1Mbps	11	2462	Not Required	14.50	Not Required
802.11b 1Mbps	12	2467	Not Required	14.50	Not Required
802.11b 1Mbps	13	2472	Not Required	12.00	Not Required
802.11g 6Mbps	1	2412	Not Required	14.50	Not Required
802.11g 6Mbps	6	2437	Not Required	14.50	Not Required
802.11g 6Mbps	11	2462	Not Required	14.50	Not Required
802.11g 6Mbps	12	2467	Not Required	14.50	Not Required
802.11g 6Mbps	13	2472	Not Required	12.00	Not Required
802.11n-HT20 MCS0	1	2412	Not Required	14.50	Not Required
802.11n-HT20 MCS0	6	2437	Not Required	14.50	Not Required
802.11n-HT20 MCS0	11	2462	Not Required	14.50	Not Required
802.11n-HT20 MCS0	12	2467	Not Required	14.50	Not Required
802.11n-HT20 MCS0	13	2472	Not Required	11.00	Not Required
802.11n-HT40 MCS0	3	2422	Not Required	14.50	Not Required
802.11n-HT40 MCS0	6	2437	Not Required	14.50	Not Required
802.11n-HT40 MCS0	9	2452	Not Required	14.50	Not Required
802.11n-HT40 MCS0	10	2457	Not Required	14.50	Not Required
802.11n-HT40 MCS0	11	2462	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	1	2412	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	6	2437	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	11	2462	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	12	2467	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	13	2472	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	3	2422	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	6	2437	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	9	2452	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	10	2457	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	11	2462	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	1	2412	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	6	2437	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	11	2462	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	12	2467	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	13	2472	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	3	2422	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	6	2437	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	9	2452	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	10	2457	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	11	2462	Not Required	11.00	Not Required



【2.4GHz WLAN_Main_Tablet】

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11b 1Mbps	1	2412	Not Required	14.50	Not Required
802.11b 1Mbps	6	2437	Not Required	14.50	Not Required
802.11b 1Mbps	11	2462	Not Required	14.50	Not Required
802.11b 1Mbps	12	2467	Not Required	14.50	Not Required
802.11b 1Mbps	13	2472	Not Required	12.00	Not Required
802.11g 6Mbps	1	2412	Not Required	14.50	Not Required
802.11g 6Mbps	6	2437	Not Required	14.50	Not Required
802.11g 6Mbps	11	2462	Not Required	14.50	Not Required
802.11g 6Mbps	12	2467	Not Required	14.50	Not Required
802.11g 6Mbps	13	2472	Not Required	12.00	Not Required
802.11n-HT20 MCS0	1	2412	Not Required	14.50	Not Required
802.11n-HT20 MCS0	6	2437	Not Required	14.50	Not Required
802.11n-HT20 MCS0	11	2462	Not Required	14.50	Not Required
802.11n-HT20 MCS0	12	2467	Not Required	14.50	Not Required
802.11n-HT20 MCS0	13	2472	Not Required	11.00	Not Required
802.11n-HT40 MCS0	3	2422	Not Required	14.50	Not Required
802.11n-HT40 MCS0	6	2437	Not Required	14.50	Not Required
802.11n-HT40 MCS0	9	2452	Not Required	14.50	Not Required
802.11n-HT40 MCS0	10	2457	Not Required	14.50	Not Required
802.11n-HT40 MCS0	11	2462	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	1	2412	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	6	2437	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	11	2462	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	12	2467	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	13	2472	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	3	2422	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	6	2437	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	9	2452	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	10	2457	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	11	2462	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	1	2412	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	6	2437	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	11	2462	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	12	2467	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	13	2472	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	3	2422	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	6	2437	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	9	2452	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	10	2457	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	11	2462	Not Required	11.00	Not Required



【2.4GHz WLAN_Aux_Tablet】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11b 1Mbps	1	2412	Not Required	14.50	Not Required
802.11b 1Mbps	6	2437	Not Required	14.50	Not Required
802.11b 1Mbps	11	2462	Not Required	14.50	Not Required
802.11b 1Mbps	12	2467	Not Required	14.50	Not Required
802.11b 1Mbps	13	2472	Not Required	12.00	Not Required
802.11g 6Mbps	1	2412	Not Required	14.50	Not Required
802.11g 6Mbps	6	2437	Not Required	14.50	Not Required
802.11g 6Mbps	11	2462	Not Required	14.50	Not Required
802.11g 6Mbps	12	2467	Not Required	14.50	Not Required
802.11g 6Mbps	13	2472	Not Required	12.00	Not Required
802.11n-HT20 MCS0	1	2412	Not Required	14.50	Not Required
802.11n-HT20 MCS0	6	2437	Not Required	14.50	Not Required
802.11n-HT20 MCS0	11	2462	Not Required	14.50	Not Required
802.11n-HT20 MCS0	12	2467	Not Required	14.50	Not Required
802.11n-HT20 MCS0	13	2472	Not Required	11.00	Not Required
802.11n-HT40 MCS0	3	2422	Not Required	14.50	Not Required
802.11n-HT40 MCS0	6	2437	Not Required	14.50	Not Required
802.11n-HT40 MCS0	9	2452	Not Required	14.50	Not Required
802.11n-HT40 MCS0	10	2457	Not Required	14.50	Not Required
802.11n-HT40 MCS0	11	2462	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	1	2412	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	6	2437	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	11	2462	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	12	2467	Not Required	14.50	Not Required
802.11ac-VHT20 MCS0	13	2472	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	3	2422	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	6	2437	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	9	2452	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	10	2457	Not Required	14.50	Not Required
802.11ac-VHT40 MCS0	11	2462	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	1	2412	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	6	2437	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	11	2462	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	12	2467	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	13	2472	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	3	2422	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	6	2437	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	9	2452	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	10	2457	Not Required	14.50	Not Required
802.11ax-HE40 MCS0	11	2462	Not Required	11.00	Not Required



【2.4GHz WLAN_ Main+Aux_Laptop】

			Main+Aux(Main)	Main+Aux(Main)	Main+Aux(Aux)	Main+Aux(Aux)	Main+Aux	Main+Aux	Main+Aux
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	14.41	14.50	14.43	14.50	17.43	17.50	99.53
802.11b 1Mbps	6	2437	14.09	14.50	14.37	14.50	17.24	17.50	99.53
802.11b 1Mbps	11	2462	14.31	14.50	14.46	14.50	17.40	17.50	99.53
802.11b 1Mbps	12	2467	14.25	14.50	14.38	14.50	17.33	17.50	99.53
802.11b 1Mbps	13	2472	11.93	12.00	11.97	12.00	14.96	15.00	99.53
802.11g 6Mbps	1	2412	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11g 6Mbps	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11g 6Mbps	11	2462	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11g 6Mbps	12	2467	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11g 6Mbps	13	2472	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required
802.11n-HT20 MCS0	1	2412	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT20 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT20 MCS0	11	2462	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT20 MCS0	12	2467	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT20 MCS0	13	2472	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	3	2422	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT40 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT40 MCS0	9	2452	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT40 MCS0	10	2457	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT40 MCS0	11	2462	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	1	2412	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT20 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT20 MCS0	11	2462	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT20 MCS0	12	2467	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT20 MCS0	13	2472	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	3	2422	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT40 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT40 MCS0	9	2452	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT40 MCS0	10	2457	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT40 MCS0	11	2462	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	1	2412	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	11	2462	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	12	2467	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	13	2472	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	3	2422	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE40 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE40 MCS0	9	2452	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE40 MCS0	10	2457	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE40 MCS0	11	2462	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required



FCC SAR TEST REPORT

Report No. : FA501529-06

【2.4GHz WLAN_ Main+Aux_Tablet】

			Main+Aux(Main)	Main+Aux(Main)	Main+Aux(Aux)	Main+Aux(Aux)	Main+Aux	Main+Aux	Main+Aux
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	14.41	14.50	14.43	14.50	17.43	17.50	99.53
802.11b 1Mbps	6	2437	14.09	14.50	14.37	14.50	17.24	17.50	99.53
802.11b 1Mbps	11	2462	14.31	14.50	14.46	14.50	17.40	17.50	99.53
802.11b 1Mbps	12	2467	14.25	14.50	14.38	14.50	17.33	17.50	99.53
802.11b 1Mbps	13	2472	11.93	12.00	11.97	12.00	14.96	15.00	99.53
802.11g 6Mbps	1	2412	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11g 6Mbps	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11g 6Mbps	11	2462	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11g 6Mbps	12	2467	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11g 6Mbps	13	2472	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required
802.11n-HT20 MCS0	1	2412	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT20 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT20 MCS0	11	2462	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT20 MCS0	12	2467	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT20 MCS0	13	2472	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	3	2422	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT40 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT40 MCS0	9	2452	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT40 MCS0	10	2457	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11n-HT40 MCS0	11	2462	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	1	2412	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT20 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT20 MCS0	11	2462	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT20 MCS0	12	2467	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT20 MCS0	13	2472	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	3	2422	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT40 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT40 MCS0	9	2452	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT40 MCS0	10	2457	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ac-VHT40 MCS0	11	2462	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	1	2412	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	11	2462	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	12	2467	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	13	2472	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	3	2422	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE40 MCS0	6	2437	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE40 MCS0	9	2452	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE40 MCS0	10	2457	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
802.11ax-HE40 MCS0	11	2462	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required



【5.2GHz WLAN_Main_Laptop】

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	11.00	Not Required
802.11a 6Mbps	40	5200	Not Required	11.00	Not Required
802.11a 6Mbps	44	5220	Not Required	11.00	Not Required
802.11a 6Mbps	48	5240	Not Required	11.00	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11n-HT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11n-HT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11n-HT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11n-HT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	42	5210	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	40	5200	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	44	5220	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	48	5240	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	11.00	Not Required



【5.2GHz WLAN_Aux_Laptop】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	11.00	Not Required
802.11a 6Mbps	40	5200	Not Required	11.00	Not Required
802.11a 6Mbps	44	5220	Not Required	11.00	Not Required
802.11a 6Mbps	48	5240	Not Required	11.00	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11n-HT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11n-HT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11n-HT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11n-HT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	42	5210	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	40	5200	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	44	5220	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	48	5240	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	11.00	Not Required



【5.2GHz WLAN_Main_Tablet】

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	11.00	Not Required
802.11a 6Mbps	40	5200	Not Required	11.00	Not Required
802.11a 6Mbps	44	5220	Not Required	11.00	Not Required
802.11a 6Mbps	48	5240	Not Required	11.00	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11n-HT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11n-HT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11n-HT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11n-HT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	42	5210	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	40	5200	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	44	5220	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	48	5240	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	11.00	Not Required



【5.2GHz WLAN_Aux_Tablet】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	11.00	Not Required
802.11a 6Mbps	40	5200	Not Required	11.00	Not Required
802.11a 6Mbps	44	5220	Not Required	11.00	Not Required
802.11a 6Mbps	48	5240	Not Required	11.00	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11n-HT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11n-HT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11n-HT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11n-HT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	42	5210	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	40	5200	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	44	5220	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	48	5240	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	46	5230	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	40	5200	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	44	5220	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	48	5240	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	46	5230	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	11.00	Not Required

**【5.2GHz WLAN_ Main+Aux_Laptop】**

			Main+Aux(Main)	Main+Aux(Main)	Main+Aux(Aux)	Main+Aux(Aux)	Main+Aux	Main+Aux	Main+Aux
Mode	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	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	46	5230	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	46	5230	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT80 MCS0	42	5210	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	46	5230	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	46	5230	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required



【5.2GHz WLAN_ Main+Aux_Tablet】

			Main+Aux(Main)	Main+Aux(Main)	Main+Aux(Aux)	Main+Aux(Aux)	Main+Aux	Main+Aux	Main+Aux
Mode	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	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	46	5230	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	46	5230	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT80 MCS0	42	5210	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	46	5230	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	40	5200	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	44	5220	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	48	5240	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	46	5230	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required



【5.3GHz WLAN_Main_Laptop】

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	11.00	Not Required
802.11a 6Mbps	56	5280	Not Required	11.00	Not Required
802.11a 6Mbps	60	5300	Not Required	11.00	Not Required
802.11a 6Mbps	64	5320	Not Required	11.00	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11n-HT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11n-HT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11n-HT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11n-HT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	58	5290	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	52	5260	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	56	5280	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	60	5300	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	64	5320	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	11.00	Not Required



【5.3GHz WLAN_Aux_Laptop】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	11.00	Not Required
802.11a 6Mbps	56	5280	Not Required	11.00	Not Required
802.11a 6Mbps	60	5300	Not Required	11.00	Not Required
802.11a 6Mbps	64	5320	Not Required	11.00	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11n-HT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11n-HT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11n-HT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11n-HT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	58	5290	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	52	5260	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	56	5280	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	60	5300	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	64	5320	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	11.00	Not Required



【5.3GHz WLAN_Main_Tablet】

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	11.00	Not Required
802.11a 6Mbps	56	5280	Not Required	11.00	Not Required
802.11a 6Mbps	60	5300	Not Required	11.00	Not Required
802.11a 6Mbps	64	5320	Not Required	11.00	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11n-HT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11n-HT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11n-HT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11n-HT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	58	5290	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	52	5260	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	56	5280	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	60	5300	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	64	5320	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	11.00	Not Required



【5.3GHz WLAN_Aux_Tablet】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	11.00	Not Required
802.11a 6Mbps	56	5280	Not Required	11.00	Not Required
802.11a 6Mbps	60	5300	Not Required	11.00	Not Required
802.11a 6Mbps	64	5320	Not Required	11.00	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11n-HT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11n-HT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11n-HT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11n-HT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	58	5290	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	52	5260	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	56	5280	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	60	5300	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	64	5320	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	62	5310	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	56	5280	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	60	5300	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	64	5320	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	62	5310	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	11.00	Not Required

**【5.3GHz WLAN_ Main+Aux_Laptop】**

			Main+Aux(Main)	Main+Aux(Main)	Main+Aux(Aux)	Main+Aux(Aux)	Main+Aux	Main+Aux	Main+Aux
Mode	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	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	54	5270	10.35	11.00	10.50	11.00	13.44	14.00	93.52
802.11n-HT40 MCS0	62	5310	10.46	11.00	10.42	11.00	13.45	14.00	93.52
802.11ac-VHT20 MCS0	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	62	5310	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT80 MCS0	58	5290	10.35	11.00	10.28	11.00	13.33	14.00	87.94
802.11ax-HE20 MCS0	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	62	5310	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	62	5310	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required



【5.3GHz WLAN_ Main+Aux_Tablet】

			Main+Aux(Main)	Main+Aux(Main)	Main+Aux(Aux)	Main+Aux(Aux)	Main+Aux	Main+Aux	Main+Aux
Mode	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	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	54	5270	10.35	11.00	10.50	11.00	13.44	14.00	93.52
802.11n-HT40 MCS0	62	5310	10.46	11.00	10.42	11.00	13.45	14.00	93.52
802.11ac-VHT20 MCS0	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	62	5310	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT80 MCS0	58	5290	10.35	11.00	10.28	11.00	13.33	14.00	87.94
802.11ax-HE20 MCS0	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	62	5310	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	56	5280	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	60	5300	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	64	5320	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	62	5310	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required



【5.5GHz WLAN_Main_Laptop】

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	11.00	Not Required
802.11a 6Mbps	116	5580	Not Required	11.00	Not Required
802.11a 6Mbps	124	5620	Not Required	11.00	Not Required
802.11a 6Mbps	132	5660	Not Required	11.00	Not Required
802.11a 6Mbps	140	5700	Not Required	11.00	Not Required
802.11a 6Mbps	144	5720	Not Required	11.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11n-HT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11n-HT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11n-HT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11n-HT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11n-HT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11n-HT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11n-HT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11n-HT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11n-HT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	106	5530	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	122	5610	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	138	5690	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	100	5500	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	116	5580	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	124	5620	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	132	5660	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	140	5700	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	144	5720	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	110	5550	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	126	5630	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	134	5670	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	122	5610	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	138	5690	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	122	5610	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	138	5690	Not Required	11.00	Not Required

**[5.5GHz WLAN_Aux_Laptop]**

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	11.00	Not Required
802.11a 6Mbps	116	5580	Not Required	11.00	Not Required
802.11a 6Mbps	124	5620	Not Required	11.00	Not Required
802.11a 6Mbps	132	5660	Not Required	11.00	Not Required
802.11a 6Mbps	140	5700	Not Required	11.00	Not Required
802.11a 6Mbps	144	5720	Not Required	11.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11n-HT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11n-HT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11n-HT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11n-HT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11n-HT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11n-HT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11n-HT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11n-HT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11n-HT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	106	5530	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	122	5610	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	138	5690	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	100	5500	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	116	5580	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	124	5620	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	132	5660	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	140	5700	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	144	5720	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	110	5550	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	126	5630	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	134	5670	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	122	5610	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	138	5690	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	122	5610	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	138	5690	Not Required	11.00	Not Required



【5.5GHz WLAN_Main_Tablet】

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	11.00	Not Required
802.11a 6Mbps	116	5580	Not Required	11.00	Not Required
802.11a 6Mbps	124	5620	Not Required	11.00	Not Required
802.11a 6Mbps	132	5660	Not Required	11.00	Not Required
802.11a 6Mbps	140	5700	Not Required	11.00	Not Required
802.11a 6Mbps	144	5720	Not Required	11.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11n-HT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11n-HT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11n-HT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11n-HT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11n-HT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11n-HT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11n-HT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11n-HT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11n-HT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	106	5530	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	122	5610	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	138	5690	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	100	5500	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	116	5580	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	124	5620	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	132	5660	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	140	5700	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	144	5720	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	110	5550	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	126	5630	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	134	5670	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	122	5610	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	138	5690	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	122	5610	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	138	5690	Not Required	11.00	Not Required

**[5.5GHz WLAN_Aux_Tablet]**

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	11.00	Not Required
802.11a 6Mbps	116	5580	Not Required	11.00	Not Required
802.11a 6Mbps	124	5620	Not Required	11.00	Not Required
802.11a 6Mbps	132	5660	Not Required	11.00	Not Required
802.11a 6Mbps	140	5700	Not Required	11.00	Not Required
802.11a 6Mbps	144	5720	Not Required	11.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11n-HT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11n-HT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11n-HT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11n-HT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11n-HT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11n-HT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11n-HT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11n-HT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11n-HT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	106	5530	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	122	5610	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	138	5690	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	100	5500	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	116	5580	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	124	5620	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	132	5660	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	140	5700	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	144	5720	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	110	5550	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	126	5630	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	134	5670	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	142	5710	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	122	5610	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	138	5690	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	116	5580	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	124	5620	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	132	5660	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	140	5700	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	144	5720	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	110	5550	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	126	5630	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	134	5670	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	142	5710	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	122	5610	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	138	5690	Not Required	11.00	Not Required

**[5.5GHz WLAN_ Main+Aux_Laptop]**

			Main+Aux(Main)	Main+Aux(Main)	Main+Aux(Aux)	Main+Aux(Aux)	Main+Aux	Main+Aux	Main+Aux
Mode	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	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	110	5550	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	126	5630	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	134	5670	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	142	5710	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	110	5550	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	126	5630	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	134	5670	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	142	5710	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT80 MCS0	106	5530	10.34	11.00	10.28	11.00	13.32	14.00	87.94
802.11ac-VHT80 MCS0	122	5610	10.23	11.00	10.29	11.00	13.27	14.00	87.94
802.11ac-VHT80 MCS0	138	5690	10.25	11.00	10.18	11.00	13.23	14.00	87.94
802.11ax-HE20 MCS0	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	110	5550	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	126	5630	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	134	5670	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	142	5710	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	122	5610	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	138	5690	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	110	5550	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	126	5630	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	134	5670	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	142	5710	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	122	5610	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	138	5690	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required

**[5.5GHz WLAN_ Main+Aux_Tablet]**

			Main+Aux(Main)	Main+Aux(Main)	Main+Aux(Aux)	Main+Aux(Aux)	Main+Aux	Main+Aux	Main+Aux
Mode	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	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11a 6Mbps	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT20 MCS0	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	110	5550	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	126	5630	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	134	5670	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11n-HT40 MCS0	142	5710	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT20 MCS0	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	110	5550	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	126	5630	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	134	5670	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT40 MCS0	142	5710	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ac-VHT80 MCS0	106	5530	10.34	11.00	10.28	11.00	13.32	14.00	87.94
802.11ac-VHT80 MCS0	122	5610	10.23	11.00	10.29	11.00	13.27	14.00	87.94
802.11ac-VHT80 MCS0	138	5690	10.25	11.00	10.18	11.00	13.23	14.00	87.94
802.11ax-HE20 MCS0	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE20 MCS0	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	110	5550	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	126	5630	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	134	5670	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE40 MCS0	142	5710	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	122	5610	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11ax-HE80 MCS0	138	5690	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	116	5580	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	124	5620	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	132	5660	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	140	5700	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	144	5720	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	110	5550	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	126	5630	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	134	5670	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT40 MCS0	142	5710	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	122	5610	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT80 MCS0	138	5690	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required

**【5.8GHz WLAN_Main_Laptop】**

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	11.00	Not Required
802.11a 6Mbps	157	5785	Not Required	11.00	Not Required
802.11a 6Mbps	165	5825	Not Required	11.00	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11n-HT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11n-HT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11n-HT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	155	5775	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	149	5745	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	157	5785	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	165	5825	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	151	5755	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	155	5775	Not Required	11.00	Not Required

【5.8GHz WLAN_Aux_Laptop】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	11.00	Not Required
802.11a 6Mbps	157	5785	Not Required	11.00	Not Required
802.11a 6Mbps	165	5825	Not Required	11.00	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11n-HT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11n-HT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11n-HT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	155	5775	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	149	5745	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	157	5785	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	165	5825	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	151	5755	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	155	5775	Not Required	11.00	Not Required

**[5.8GHz WLAN_Main_Tablet]**

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	11.00	Not Required
802.11a 6Mbps	157	5785	Not Required	11.00	Not Required
802.11a 6Mbps	165	5825	Not Required	11.00	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11n-HT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11n-HT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11n-HT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	155	5775	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	149	5745	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	157	5785	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	165	5825	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	151	5755	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	155	5775	Not Required	11.00	Not Required

[5.8GHz WLAN_Aux_Tablet]

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	11.00	Not Required
802.11a 6Mbps	157	5785	Not Required	11.00	Not Required
802.11a 6Mbps	165	5825	Not Required	11.00	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11n-HT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11n-HT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11n-HT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	155	5775	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	149	5745	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	157	5785	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	165	5825	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	151	5755	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	159	5795	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	157	5785	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	165	5825	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	159	5795	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	155	5775	Not Required	11.00	Not Required

**【5.9GHz WLAN UNII 4_Main_Laptop】**

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	169	5845	Not Required	11.00	Not Required
802.11a 6Mbps	173	5865	Not Required	11.00	Not Required
802.11a 6Mbps	177	5885	Not Required	11.00	Not Required
802.11n-HT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11n-HT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11n-HT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11n-HT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11n-HT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	171	5855	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	169	5845	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	173	5865	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	177	5885	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	167	5835	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	171	5855	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	171	5855	Not Required	11.00	Not Required

【5.9GHz WLAN UNII 4_Aux_Laptop】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	169	5845	Not Required	11.00	Not Required
802.11a 6Mbps	173	5865	Not Required	11.00	Not Required
802.11a 6Mbps	177	5885	Not Required	11.00	Not Required
802.11n-HT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11n-HT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11n-HT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11n-HT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11n-HT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	171	5855	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	169	5845	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	173	5865	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	177	5885	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	167	5835	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	171	5855	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	171	5855	Not Required	11.00	Not Required

**【5.9GHz WLAN UNII 4_Main_Tablet】**

Mode	Channel	Frequency (MHz)	Main Average Power (dBm)	Main Tune-Up Limit	Main Duty Cycle %
802.11a 6Mbps	169	5845	Not Required	11.00	Not Required
802.11a 6Mbps	173	5865	Not Required	11.00	Not Required
802.11a 6Mbps	177	5885	Not Required	11.00	Not Required
802.11n-HT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11n-HT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11n-HT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11n-HT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11n-HT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	171	5855	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	169	5845	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	173	5865	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	177	5885	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	167	5835	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	171	5855	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	171	5855	Not Required	11.00	Not Required

【5.9GHz WLAN UNII 4_Aux_Tablet】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
802.11a 6Mbps	169	5845	Not Required	11.00	Not Required
802.11a 6Mbps	173	5865	Not Required	11.00	Not Required
802.11a 6Mbps	177	5885	Not Required	11.00	Not Required
802.11n-HT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11n-HT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11n-HT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11n-HT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11n-HT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	171	5855	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	169	5845	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	173	5865	Not Required	11.00	Not Required
802.11ax-HE20 MCS0	177	5885	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	167	5835	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	175	5875	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	171	5855	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	169	5845	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	173	5865	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	177	5885	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	167	5835	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	175	5875	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	171	5855	Not Required	11.00	Not Required

**< 2.4GHz Bluetooth >****【Bluetooth_Laptop】**

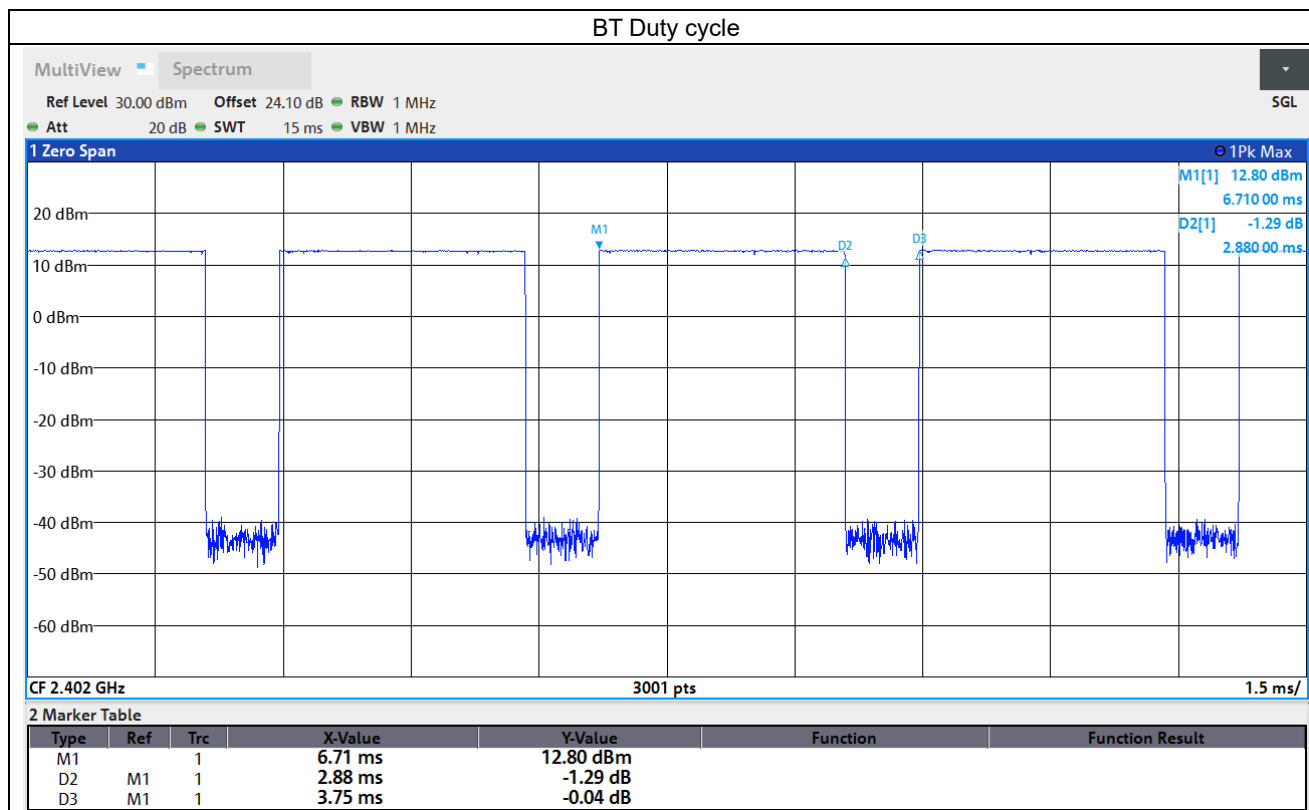
Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
BR / EDR 1Mbps	0	2402	11.29	13.00	76.80
BR / EDR 1Mbps	39	2441	11.26	13.00	76.80
BR / EDR 1Mbps	78	2480	11.25	13.00	76.80
BR / EDR 2Mbps	0	2402	Not Required	11.50	Not Required
BR / EDR 2Mbps	39	2441	Not Required	11.50	Not Required
BR / EDR 2Mbps	78	2480	Not Required	11.50	Not Required
BR / EDR 3Mbps	0	2402	Not Required	11.50	Not Required
BR / EDR 3Mbps	39	2441	Not Required	11.50	Not Required
BR / EDR 3Mbps	78	2480	Not Required	11.50	Not Required
LE 125kbps	0	2402	Not Required	13.00	Not Required
LE 125kbps	19	2440	Not Required	13.00	Not Required
LE 125kbps	39	2480	Not Required	13.00	Not Required
LE 500kbps	0	2402	Not Required	13.00	Not Required
LE 500kbps	19	2440	Not Required	13.00	Not Required
LE 500kbps	39	2480	Not Required	13.00	Not Required
LE 1Mbps	0	2402	Not Required	13.00	Not Required
LE 1Mbps	19	2440	Not Required	13.00	Not Required
LE 1Mbps	39	2480	Not Required	13.00	Not Required
LE 2Mbps	0	2402	Not Required	12.50	Not Required
LE 2Mbps	19	2440	Not Required	13.00	Not Required
LE 2Mbps	39	2480	Not Required	13.00	Not Required

【Bluetooth_Tablet】

Mode	Channel	Frequency (MHz)	Aux Average Power (dBm)	Aux Tune-Up Limit	Aux Duty Cycle %
BR / EDR 1Mbps	0	2402	11.29	13.00	76.80
BR / EDR 1Mbps	39	2441	11.26	13.00	76.80
BR / EDR 1Mbps	78	2480	11.25	13.00	76.80
BR / EDR 2Mbps	0	2402	Not Required	11.50	Not Required
BR / EDR 2Mbps	39	2441	Not Required	11.50	Not Required
BR / EDR 2Mbps	78	2480	Not Required	11.50	Not Required
BR / EDR 3Mbps	0	2402	Not Required	11.50	Not Required
BR / EDR 3Mbps	39	2441	Not Required	11.50	Not Required
BR / EDR 3Mbps	78	2480	Not Required	11.50	Not Required
LE 125kbps	0	2402	Not Required	13.00	Not Required
LE 125kbps	19	2440	Not Required	13.00	Not Required
LE 125kbps	39	2480	Not Required	13.00	Not Required
LE 500kbps	0	2402	Not Required	13.00	Not Required
LE 500kbps	19	2440	Not Required	13.00	Not Required
LE 500kbps	39	2480	Not Required	13.00	Not Required
LE 1Mbps	0	2402	Not Required	13.00	Not Required
LE 1Mbps	19	2440	Not Required	13.00	Not Required
LE 1Mbps	39	2480	Not Required	13.00	Not Required
LE 2Mbps	0	2402	Not Required	12.50	Not Required
LE 2Mbps	19	2440	Not Required	13.00	Not Required
LE 2Mbps	39	2480	Not Required	13.00	Not Required

**General Note:**

1. For 2.4GHz Bluetooth SAR testing was selected 1Mbps due to its highest average power and duty cycle is 76.69% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.



< SAR test exclusion table >
General Note:

1. The below table, when the distance is < 50 mm exclusion threshold is "Ratio", when the distance is > 50 mm exclusion threshold is "mW"
2. Maximum power is the source-based time-average power and represents the maximum RF output power among production units
3. Per KDB 447498 D01v06, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
4. Per KDB 447498 D01v06, standalone SAR test exclusion threshold is applied; If the test separation distance is < 5mm, 5mm is used to determine SAR exclusion threshold.
5. Per KDB 447498 D01v06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$
 - f(GHz) is the RF channel transmit frequency in GHz
 - Power and distance are rounded to the nearest mW and mm before calculation
 - The result is rounded to one decimal place for comparison
6. Per KDB 447498 D01v06, at 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following
 - a) [Threshold at 50 mm in step 1) + (test separation distance - 50 mm) · (f(MHz)/150)] mW, at 100 MHz to 1500 MHz
 - b) [Threshold at 50 mm in step 1) + (test separation distance - 50 mm) · 10] mW at > 1500 MHz and ≤ 6 GHz

<Laptop Mode>

Exposure Position	Wireless Interface	BT Aux	2.4GHz WLAN Main+Aux	5GHz WLAN Main+Aux
	Calculated Frequency (MHz)	2480	2462	5610
	Maximum power (dBm)	13.0	16.5	15.0
	Maximum rated power(mW)	19.95	44.67	31.62
Bottom Side	Separation distance(mm)	8.3	8.3	8.3
	exclusion threshold	3.8	8.4	9.0
	Testing required?	Yes	Yes	Yes

<Tablet Mode>

Exposure Position	Wireless Interface	BT Aux	2.4GHz WLAN Main+Aux	5GHz WLAN Main+Aux
	Calculated Frequency (MHz)	2480	2462	5530
	Maximum power (dBm)	13.0	14.5	12.0
	Maximum rated power(mW)	19.95	28.18	15.85
Back	Separation distance(mm)	5.0	5.0	5.0
	exclusion threshold	6.3	8.8	7.5
	Testing required?	Yes	Yes	Yes
Left	Separation distance(mm)	44.1	44.1	44.1
	exclusion threshold	0.7	1.0	0.9
	Testing required?	No	No	No
Right	Separation distance(mm)	227.5	41.5	41.5
	exclusion threshold	1870.0	1.1	0.9
	Testing required?	No	No	No
Top	Separation distance(mm)	5.0	5.0	5.0
	exclusion threshold	6.3	8.8	7.5
	Testing required?	Yes	Yes	Yes

12. 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. Per KDB 248227 D01v02r02, WLAN5.2GHz SAR testing is not required for hotspot and body-worn condition when the WLAN5.3GHz band highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for WLAN5.2GHz band.
3. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
4. For all positions / configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions / configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
5. For determining the SAR scaling factor in MIMO mode, if the RF hot spots are spatially separated, the scaling factors are individually derived from each transmit chain. If the hot spots are not spatially separated, the scaling factor is determined based on the worst number observed among all transmit chains.
6. During SAR testing, the WLAN transmit signal was continuously monitored using a spectrum analyzer to ensure continuous and stable signal output throughout the measurement.

**12.1 Body SAR**

【WLAN 2.4GHz_5GHz SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Configuration	Ch.	Freq. (MHz)	Antenna Vendor	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	Bottom Side	0mm	Main+Aux(Main)	Laptop	1	2412	HTK	14.41	14.50	1.021	99.53	1.005	-0.07	0.547	0.561
	WLAN2.4GHz	802.11b 1Mbps	Bottom Side	0mm	Main+Aux(Aux)	Laptop	1	2412	HTK	14.43	14.50	1.016	99.53	1.005	-0.01	0.518	0.529
	WLAN2.4GHz	802.11b 1Mbps	Bottom Side	0mm	Main+Aux(Main)	Laptop	1	2412	Pulse	14.41	14.50	1.021	99.53	1.005	0.05	0.510	0.523
	WLAN2.4GHz	802.11b 1Mbps	Bottom Side	0mm	Main+Aux(Aux)	Laptop	1	2412	Pulse	14.43	14.50	1.016	99.53	1.005	0.02	0.546	0.558
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Main)	Tablet	1	2412	HTK	14.41	14.50	1.021	99.53	1.005	0.08	0.862	0.885
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Aux)	Tablet	1	2412	HTK	14.43	14.50	1.016	99.53	1.005	0.01	0.850	0.868
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Main)	Tablet	6	2437	HTK	14.09	14.50	1.099	99.53	1.005	0.03	0.878	0.970
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Aux)	Tablet	6	2437	HTK	14.37	14.50	1.03	99.53	1.005	-0.08	0.867	0.897
01	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Main)	Tablet	11	2462	HTK	14.31	14.50	1.045	99.53	1.005	0.00	0.941	0.988
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Aux)	Tablet	11	2462	HTK	14.46	14.50	1.009	99.53	1.005	-0.02	0.965	0.979
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Main)	Tablet	12	2467	HTK	14.25	14.50	1.059	99.53	1.005	-0.08	0.918	0.977
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Aux)	Tablet	12	2467	HTK	14.38	14.50	1.028	99.53	1.005	0.10	0.904	0.934
	WLAN2.4GHz	802.11b 1Mbps	Top	0mm	Main+Aux(Main)	Tablet	1	2412	HTK	14.41	14.50	1.021	99.53	1.005	-0.18	0.110	0.113
	WLAN2.4GHz	802.11b 1Mbps	Top	0mm	Main+Aux(Aux)	Tablet	1	2412	HTK	14.43	14.50	1.016	99.53	1.005	0.10	0.127	0.130
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Main)	Tablet	11	2462	Pulse	14.31	14.50	1.045	99.53	1.005	0.12	0.690	0.725
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Aux)	Tablet	11	2462	Pulse	14.46	14.50	1.009	99.53	1.005	0.08	0.836	0.848
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Main)	Tablet	1	2412	Pulse	14.41	14.50	1.021	99.53	1.005	-0.17	0.745	0.764
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Aux)	Tablet	1	2412	Pulse	14.43	14.50	1.016	99.53	1.005	-0.03	0.733	0.748
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Main)	Tablet	6	2437	Pulse	14.09	14.50	1.099	99.53	1.005	0.14	0.652	0.720
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Aux)	Tablet	6	2437	Pulse	14.37	14.50	1.03	99.53	1.005	0.11	0.763	0.790
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Main)	Tablet	12	2467	Pulse	14.25	14.50	1.059	99.53	1.005	-0.05	0.681	0.725
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Main+Aux(Aux)	Tablet	12	2467	Pulse	14.38	14.50	1.028	99.53	1.005	0.18	0.845	0.873
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Main)	Laptop	58	5290	HTK	10.35	11.00	1.161	87.94	1.137	-0.01	0.404	0.533
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Aux)	Laptop	58	5290	HTK	10.28	11.00	1.18	87.94	1.137	-0.13	0.378	0.507
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Main)	Laptop	58	5290	Pulse	10.35	11.00	1.161	87.94	1.137	0.06	0.369	0.487
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Aux)	Laptop	58	5290	Pulse	10.28	11.00	1.18	87.94	1.137	0.14	0.279	0.374
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	58	5290	HTK	10.35	11.00	1.161	87.94	1.137	-0.04	0.738	0.974
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	58	5290	HTK	10.28	11.00	1.18	87.94	1.137	0.00	0.763	1.024
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Main)	Tablet	62	5310	HTK	10.46	11.00	1.132	93.52	1.069	0.14	0.770	0.932
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	62	5310	HTK	10.42	11.00	1.143	93.52	1.069	-0.17	0.737	0.901
	WLAN5GHz	802.11ac-VHT80 MCS0	Top	0mm	Main+Aux(Main)	Tablet	58	5290	HTK	10.35	11.00	1.161	87.94	1.137	-0.17	0.131	0.173
	WLAN5GHz	802.11ac-VHT80 MCS0	Top	0mm	Main+Aux(Aux)	Tablet	58	5290	HTK	10.28	11.00	1.18	87.94	1.137	0.04	0.128	0.172
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	58	5290	Pulse	10.35	11.00	1.161	87.94	1.137	-0.01	0.778	1.027
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	58	5290	Pulse	10.28	11.00	1.18	87.94	1.137	-0.08	0.660	0.885
02	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Main)	Tablet	62	5310	Pulse	10.46	11.00	1.132	93.52	1.069	0.04	0.859	1.039
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	62	5310	Pulse	10.42	11.00	1.143	93.52	1.069	-0.05	0.755	0.923
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Main)	Tablet	54	5270	Pulse	10.35	11.00	1.161	93.52	1.069	0.05	0.706	0.876
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	54	5270	Pulse	10.50	11.00	1.122	93.52	1.069	0.06	0.637	0.764
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Main)	Laptop	106	5530	HTK	10.34	11.00	1.164	87.94	1.137	0.13	0.392	0.519
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Aux)	Laptop	106	5530	HTK	10.28	11.00	1.18	87.94	1.137	-0.04	0.384	0.515
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Main)	Laptop	106	5530	Pulse	10.34	11.00	1.164	87.94	1.137	-0.13	0.386	0.511
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Aux)	Laptop	106	5530	Pulse	10.28	11.00	1.18	87.94	1.137	-0.07	0.269	0.361
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	106	5530	HTK	10.34	11.00	1.164	87.94	1.137	-0.09	0.845	1.118
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	106	5530	HTK	10.28	11.00	1.18	87.94	1.137	-0.08	0.689	0.924
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	122	5610	HTK	10.23	11.00	1.194	87.94	1.137	0.11	0.845	1.147
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	122	5610	HTK	10.29	11.00	1.178	87.94	1.137	-0.05	0.800	1.072
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	138	5690	HTK	10.25	11.00	1.189	87.94	1.137	0.04	0.832	1.125
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	138	5690	HTK	10.18	11.00	1.208	87.94	1.137	0.03	0.788	1.082
	WLAN5GHz	802.11ac-VHT80 MCS0	Top	0mm	Main+Aux(Main)	Tablet	106	5530	HTK	10.34	11.00	1.164	87.94	1.137	0.13	0.111	0.147
03	WLAN5GHz	802.11ac-VHT80 MCS0	Top	0mm	Main+Aux(Aux)	Tablet	106	5530	HTK	10.28	11.00	1.18	87.94	1.137	0.12	0.135	0.181
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	122	5610	Pulse	10.23	11.00	1.194	87.94	1.137	0.03	0.805	1.093
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	122	5610	Pulse	10.29	11.00	1.178	87.94	1.137	0.18	0.774	1.037
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	106	5530	Pulse	10.34	11.00	1.164	87.94	1.137	0.16	0.775	1.026
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	106	5530	Pulse	10.28	11.00	1.18	87.94	1.137	-0.10	0.646	0.867
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Main)	Laptop	155	5775	HTK	10.77	11.00	1.054	87.94	1.137	0.10	0.449	0.538
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Aux)	Laptop	155	5775	HTK	10.87	11.00	1.03	87.94	1.137	0.07	0.332	0.389
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Main)	Laptop	155	5775	Pulse	10.77	11.00	1.054	87.94	1.137	0.18	0.424	0.508
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Aux)	Laptop	155	5775	Pulse	10.87	11.00	1.03	87.94	1.137	-0.17	0.259	0.303
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	155	5775	HTK	10.77	11.00	1.054	87.94	1.137	0.03	0.851	1.020
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	155	5775	HTK	10.87	11.00	1.03	87.94	1.137	0.08	0.740	0.867
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Main)	Tablet	159	5795	HTK	10.93	11.00	1.016	93.52	1.069	0.07	0.867	0.942
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	159	5795	HTK	10.96	11.00	1.009	93.52	1.069	0.18	0.896	0.966
	WLAN5GHz	802.11ac-VHT80 MCS0	Top	0mm	Main+Aux(Main)	Tablet	155	5775	HTK	10.77	11.00	1.054	87.94	1.137	-0.10	0.147	0.176
	WLAN5GHz	802.11ac-VHT80 MCS0	Top	0mm	Main+Aux(Aux)	Tablet	155	5775	HTK	10.87	11.00	1.03	87.94	1.137	0.01	0.167	0.196
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	155	5775	Pulse	10.77	11.00	1.054	87.94	1.137	-0.15	0.843	1.010
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	155	5775	Pulse	10.87	11.00	1.03	87.94	1.137	0.19	0.724	0.848
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Main)	Tablet	159	5795	Pulse	10.93	11.00	1.016	93.52	1.069	0.07	0.804	0.873



FCC SAR TEST REPORT

Report No. : FA501529-06

	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	159	5795	Pulse	10.96	11.00	1.009	93.52	1.069	-0.18	0.708	0.764
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Main)	Laptop	171	5855	HTK	10.37	11.00	1.156	87.94	1.137	0.00	0.445	0.585
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Aux)	Laptop	171	5855	HTK	10.68	11.00	1.076	87.94	1.137	0.02	0.344	0.421
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Main)	Laptop	171	5855	Pulse	10.37	11.00	1.156	87.94	1.137	0.00	0.437	0.574
	WLAN5GHz	802.11ac-VHT80 MCS0	Bottom Side	0mm	Main+Aux(Aux)	Laptop	171	5855	Pulse	10.68	11.00	1.076	87.94	1.137	-0.14	0.329	0.403
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	171	5855	HTK	10.37	11.00	1.156	87.94	1.137	0.14	0.763	1.003
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	171	5855	HTK	10.68	11.00	1.076	87.94	1.137	0.13	0.713	0.872
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Main)	Tablet	167	5835	HTK	10.79	11.00	1.05	93.52	1.069	-0.11	0.792	0.889
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	167	5835	HTK	10.78	11.00	1.052	93.52	1.069	0.18	0.721	0.811
	WLAN5GHz	802.11ac-VHT80 MCS0	Top	0mm	Main+Aux(Main)	Tablet	171	5855	HTK	10.37	11.00	1.156	87.94	1.137	0.06	0.133	0.175
	WLAN5GHz	802.11ac-VHT80 MCS0	Top	0mm	Main+Aux(Aux)	Tablet	171	5855	HTK	10.68	11.00	1.076	87.94	1.137	0.07	0.119	0.146
05	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	171	5855	Pulse	10.37	11.00	1.156	87.94	1.137	-0.00	0.906	1.191
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	171	5855	Pulse	10.68	11.00	1.076	87.94	1.137	-0.04	0.731	0.894
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Main)	Tablet	167	5835	Pulse	10.79	11.00	1.05	93.52	1.069	-0.18	0.601	0.675
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	167	5835	Pulse	10.78	11.00	1.052	93.52	1.069	0.08	0.523	0.588
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Main+Aux(Main)	Tablet	175	5875	Pulse	10.77	11.00	1.054	93.52	1.069	0.10	0.842	0.949
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Main+Aux(Aux)	Tablet	175	5875	Pulse	10.76	11.00	1.057	93.52	1.069	-0.16	0.558	0.631

【Bluetooth SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Configuration	Ch.	Freq. (MHz)	Antenna Vendor	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	Bluetooth	1Mbps	Bottom Side	0mm	Aux	Laptop	0	2402	HTK	11.29	13.00	1.483	76.8	1.085	-0.00	0.148	0.238
	Bluetooth	1Mbps	Bottom Side	0mm	Aux	Laptop	0	2402	Pulse	11.29	13.00	1.483	76.8	1.085	-0.09	0.147	0.237
06	Bluetooth	1Mbps	Back	0mm	Aux	Tablet	0	2402	HTK	11.29	13.00	1.483	76.8	1.085	0.02	0.218	0.351
	Bluetooth	1Mbps	Top	0mm	Aux	Tablet	0	2402	HTK	11.29	13.00	1.483	76.8	1.085	-0.09	0.035	0.056
	Bluetooth	1Mbps	Back	0mm	Aux	Tablet	0	2402	Pulse	11.29	13.00	1.483	76.8	1.085	-0.15	0.180	0.290

12.2 Repeated SAR Measurement

No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Antenna Vendor	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)	Ratio
1st	WLAN2.4GHz	802.11b 1Mbps	Back	0.0	Main+Aux(Aux)	Tablet	11	2462	HTK	14.46	14.50	1.009	99.53	1.005	-0.02	0.965	0.979	-
2nd	WLAN2.4GHz	802.11b 1Mbps	Back	0.0	Main+Aux(Aux)	Tablet	11	2462	HTK	14.46	14.50	1.009	99.53	1.005	0.01	0.944	0.957	1.02
1st	WLAN5GHz	802.11n-HT40 MCS0	Back	0.0	Main+Aux(Aux)	Tablet	62	5310	Pulse	10.46	11.00	1.132	93.52	1.069	0.04	0.859	1.039	-
2nd	WLAN5GHz	802.11n-HT40 MCS0	Back	0.0	Main+Aux(Aux)	Tablet	62	5310	Pulse	10.46	11.50	1.271	93.52	1.069	0.03	0.824	1.120	0.93
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0.0	Main+Aux(Aux)	Tablet	106	5530	HTK	10.34	11.00	1.164	87.94	1.137	-0.09	0.845	1.118	-
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0.0	Main+Aux(Aux)	Tablet	106	5530	HTK	11.34	12.00	1.164	87.94	1.137	0.01	0.832	1.101	1.02
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0.0	Main+Aux(Aux)	Tablet	171	5855	Pulse	10.37	11.00	1.156	87.94	1.137	-0.00	0.906	1.191	-
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0.0	Main+Aux(Aux)	Tablet	171	5855	Pulse	10.37	11.00	1.156	87.94	1.137	0.02	0.888	1.167	1.02

General Note:

- Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.
- Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR < 1.45 W/kg, only one repeated measurement is required.
- The ratio is the difference in percentage between original and repeated *measured SAR*.
- All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

13. Simultaneous Transmission Analysis

NO.	Simultaneous Transmission Configurations	Body
1.	2.4GHz WLAN Main+Aux + Bluetooth Aux	Yes
2.	5GHz WLAN Main+Aux + Bluetooth Aux	Yes

General Note:

- The worst case WLAN reported SAR for each configuration was used for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission with WLAN.
- The Scaled SAR summation is calculated based on the same configuration and test position.
- Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - Scalar SAR summation $< 1.6\text{W/kg}$.
 - $\text{SPLSR} = (\text{SAR1} + \text{SAR2})^{1.5} / (\text{min. separation distance, mm})$, 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.
 - If $\text{SPLSR} \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - Simultaneously transmission SAR measurement, and the reported multi-band SAR $< 1.6\text{W/kg}$.

13.1 Body Exposure Conditions

Exposure Position	1 2.4GHz WLAN Main+Aux 1g SAR (W/kg)	4 5GHz WLAN Main+Aux 1g SAR (W/kg)	7 Bluetooth Aux 1g SAR (W/kg)	1+7 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
Bottom Side at 0mm	0.561	0.585	0.238	0.799	0.823
Back at 0mm	0.988	1.191	0.351	1.339	1.542
Top at 0mm	0.130	0.196	0.056	0.186	0.252

Test Engineer : Rain Chiu, Bank Liu and YuTing Su

14. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg. Therefore, the measurement uncertainty table is not required in this report.

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.

15. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
- [2] ANSI/IEEE Std. C95.1-1992, "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz", September 1992
- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] 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 616217 D04 v01r02, "SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers", Oct 2015
- [8] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [9] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.