RF Exposure report



The following samples were submitted and identified on behalf of the client as:

EUT Description	Wireless module installed in Notebook
Brand Name	Acer
Model Number	BE200NGW
Host Model Number	N24Q1
Applicant	Acer Incorporated 8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 22181, Taiwan (R.O.C)
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID	HLZBE200NG
Date of EUT Receipt	Jul. 26, 2024
Date of Test(s)	Aug. 21, 2024 ~ Aug. 26, 2024
Date of Issue In the configuration tested, the EU	Sep. 18, 2024 JT complied with the standards specified above.

Remarks:

SI

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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Signed on behalf of SGS

Clerk / Kimmy Chiou	PM / Bond Tsai	Approved By / John Yeh
Kimmy Chiou	Bonditsai	John Teh
		Data: San 18 2024

ale. Sep. 10, 20/

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2407000466E5	00	Initial creation of document	Sep. 18, 2024	Kimmy Chiou	
Note:					
1. The mark " * " is the revised version of the report due to comments submitted by the certification.					

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GENERAL INFORMATION 1

1.1 Test Methodology

The SAR testing method and procedure for this device is in accordance with the following standards: IEEE/ANSI C95.1-1992 IEEE 1528-2013 KDB447498D01v06 KDB865664D01v01r04 KDB865664D02v01r02 KDB616217D04v01r02 KDB248227D01v02r01 IEC/IEEE 62209-1528:2020 SPEAG DASY6 System Handbook SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz) IEC TR 63170:2018 IEC 62479:2010

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1.2 **Description of EUT**

EUT Description	Wireless module installed in Notebook			
Brand Name	Acer			
Model Number	BE200NGW			
FCC ID	HLZBE200NG			
Host Information	EUT Description: Notebook Computer Brand Name: Model Name: N24Q1			
Duty Cycle	WLAN802.11	Please refer to section 7		
Duty Cycle	Bluetooth	Please refer to section 7		
	802.11 b/g/n/ax/be	2.4GHz (2400.0 – 2483.5 MHz)		
Supported radios (TX	802.11a/n/ac/ax/be	5.2GHz (5150.0 –5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz) 5.9GHz (5850.0 – 5895.0 MHz)		
Frequency Range, MHz)	802.11ax/be	6.2GHz (5925.0 – 6425.0 MHz) 6.5GHz (6425.0 – 6525.0 MHz) 6.7GHz (6525.0 – 6875.0 MHz) 7.0GHz (6875.0 – 7125.0 MHz)		
	Bluetooth	2.4GHz (2400.0 – 2483.5 MHz)		

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1.3 Maximum value

Summary of Maximum SAR and Power Density Value				
Mode	Highest SAR 1g	Highest APD	Highest PD	
Widde	(W/kg)	(W/m^2)	(W/m^2)	
Bluetooth(GFSK)	0.37	N/A	N/A	
2.4G WLAN	0.87	N/A	N/A	
5G WLAN	1.19	N/A	N/A	
6G WLAN	0.64	4.17	7.78	

Antenna Information 1.4

Vendor		WNC								
Antenna					Ma	ain				
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Gain (dBi)	2.61	2.17	2.50	2.98	2.98	2.82	2.76	2.25	2.31	2.83
Antenna					A	ux				
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Gain (dBi)	2.38	2.96	2.96	2.58	2.30	2.30	2.95	2.63	2.50	2.05
Tablet mode_WLA	N									
Vendor					W	NC				
Antenna					Ma	ain				
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Gain (dBi)	2.90	2.76	2.76	2.66	2.44	2.40	2.75	2.75	2.74	2.51
Antenna		Aux								
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
			2.90	2.45	2.12	2.12	2.92	2.92	1.60	1.33

Note: Antenna information is provided by the applicant.

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MEASUREMENT SYSTEM 2

2.1 **Test Facility**

Laboratory	Test Site Address	Test Site Name	FCC Designation number	IC CAB identifier
	1F, No. 8, Alley 15, Lane 120,	SAR 2		
	Sec. 1, NeiHu Road, Neihu District, Taipei City, 11493,	SAR 6	TW0029	
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	Taiwan.	SAR 8		TW3702
	No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 33383, Taiwan No.134, Wu Kung Road, New Taipei Industrial Park, Wuku	SAR 1	TW0028	
		SAR 4		
		SAR 3		
	District, New Taipei City, Taiwan	SAR 7	TW0027	
Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.				

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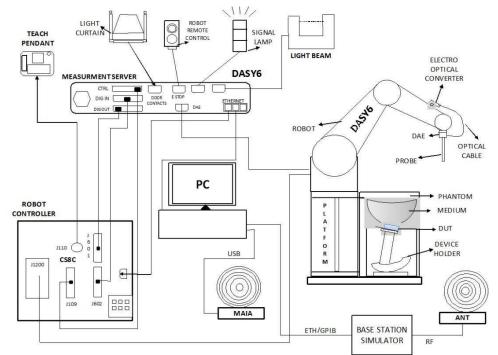
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2.2 SAR System

Block Diagram (DASY6)

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



A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).

An isotropic field probe optimized and calibrated for the targeted measurement.

A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.

The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.

The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.

A computer running Windows 10 and the DASY6 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.

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EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)		
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL 2450/5250/5600/5750/6500/7000MHz Additional CF for other liquids and frequencies upon request		
Frequency	10 MHz to > 6 GHz		
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)		
Dynamic	10 μW/g to > 100 mW/g		
Range	Linearity: ± 0.2 dB (noise: typically < 1 µW/g)		
Dimensions	Tip diameter: 2.5 mm		
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.		

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PHANTOM (E	LI)	
Model	ÉLI	
Construction	The ELI phantom is used for complia mounted wireless devices in the freq ELI is fully compatible with the IEC tissue simulating liquids. ELI has performance and can be integrated in cover prevents evaporation of the li phantom allow installation of the comp phantom positions and measurement phantom is compatible with all SPEAC	uency range of 30 MHz to 6 GHz. 62209-2 standard and all known s been optimized regarding its nto our standard phantom tables. A quid. Reference markings on the plete setup, including all predefined grids, by teaching three points. The
Shell	2 ± 0.2 mm	All the second s
Thickness		
	Approx. 30 liters	
Dimensions	Major axis: 600 mm Minor axis: 400 mm	
DEVICE HOLI		
Construction	The device holder (Supporter) for Notebook is made by POM (polyoxymethylene resin), which is non-metal and non-conductive. The height can be adjusted to fit varies kind of notebooks.	
		Device Holder

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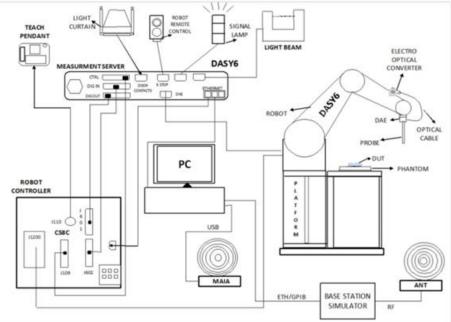
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PD system 2.3

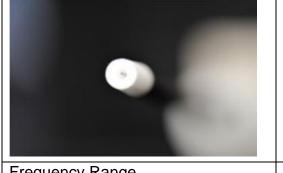
Block Diagram (DASY6)

Power density measurements for mmWave frequencies were performed using SPEAG DASY6 with cDASY6 5G module. The DASY6 included a high precision robotics system (Staubli), robot controller, desktop computer, near-field probe, probe alignment sensor, and the 5G phantom cover.



EUmmWVx probe

The EUmmWVx probe is based on the pseudo-vector probe design, which not only measures the field magnitude but also derives its polarization ellipse. The design entails two small 0.8mm dipole sensors mechanically protected by high-density foam, printed on both sides of a 0.9mm wide and 0.12mm thick glass substrate. The body of the probe is specifically constructed to minimize distortion by the scattered fields. The probe consist of two sensors with different angles (1 and 2) arranged in the same plane in the probe axis. Three or more measurements of the two sensors are taken for different probe rotational angles to derive the amplitude and polarization information. The probe design allows measurements at distances as small as 2mm from the sensors to the surface of the device under test (DUT). The typical sensor to probe tip distance is 1.5 mm. The exact distance is calibrated.



Two dipoles optimally arranged to obtain pseudovector information.Minimum 3 measurements/ point, 120° rotated around probe axis. Sensors (0.8mm length) printed on glass substrate protected by high density foam.Low perturbation of the measured field. Requires positioner which can do accurate probe rotation.

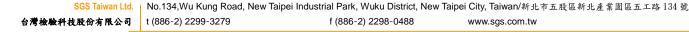
Frequency Range

750 MHz - 110 GHz

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Dynamic Range	< 20 V/m – 10,000 V/m with PRE-10 (min <
	50 V/m - 3000 V/m)
Position Precision	< 0.2 mm (DASY6)
Dimensions	Overall length: 337 mm (tip: 20 mm)
	Tip diameter: encapsulation 8 mm
	(internal sensor < 1mm)
	Distance from probe tip to dipole centers:
	< 2 mm. Sensor displacement to probe's
	calibration point: < 0.3 mm
Applications	E-field measurements of 5G devices and
	other mm-wave transmitters operating
	above 10GHz in < 2 mm distance from
	device (free-space).Power density, H-field
	and far-field analysis using total field
	reconstruction (cDASY6 5G module
sensor 1,5mm calibrated	required)
device	
Compatibility	cDASY6 + 5G-Module SW1.0 and higher

mmWave Phantom

The mmWave Phantom approximates free-space conditions, allowing for the evaluation of the antenna side of the device and the front (screen) side or any opposite-radiating side of wireless devices operating above 10 GHz without distorting the RF field. It consists of a 40mm thick Rohacell plate used as a test bed, which has a loss tangent (tan δ) \leq 0.05 and a relative permittivity (ϵr) \leq 1.2. High-performance RF absorbers are placed below the foam.

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SAR SYSTEM VERIFICATION 3

3.1 **Tissue Simulating Liquid**

For the measurement of the field distribution inside the SAM phantom with DASY, the phantom must be filled with homogeneous tissue simulating liquid. For head SAR testing, the liquid height from the ear rint (ERP) of the phantom to the liquid top surface is larger than 15cm. For body SAR testing, the liquid height fromeference po the center of the flat phantom to the liquid top surface is larger than 15cm.

3.2 **Tissue Simulant Liquid measurement**

The dielectric properties for this Head-simulant fluid were measured by using the SPEAG Dielectric Assessment Kit (DAKS-3.5)

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The measured conductivity and permittivity are all within ± 5% of the target values.

Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev ɛr	% dev σ	Limit	Measurement Date
2402	39.282	1.757	39.000	1.783	-0.72%	1.45%	± 5%	
2412	39.265	1.766	38.983	1.791	-0.72%	1.40%	± 5%	
2437	39.222	1.788	38.938	1.813	-0.72%	1.37%	± 5%	
2441	39.215	1.792	38.931	1.816	-0.73%	1.34%	± 5%	Aug. 22, 2024
2450	39.200	1.800	38.915	1.824	-0.73%	1.33%	± 5%	
2462	39.184	1.813	38.900	1.835	-0.72%	1.22%	± 5%	
2480	39.160	1.832	38.877	1.851	-0.72%	1.04%	± 5%	
5210	35.990	4.670	35.689	4.654	-0.84%	-0.34%	± 5%	
5250	35.950	4.710	35.644	4.695	-0.85%	-0.32%	± 5%	
5290	35.910	4.750	35.598	4.736	-0.87%	-0.29%	± 5%	
5530	35.605	4.997	35.324	4.983	-0.79%	-0.27%	± 5%	
5570	35.545	5.039	35.278	5.024	-0.75%	-0.29%	± 5%	
5600	35.500	5.070	35.244	5.054	-0.72%	-0.32%	± 5%	Aug. 00, 0004
5610	35.490	5.080	35.232	5.064	-0.73%	-0.31%	± 5%	Aug. 23, 2024
5690	35.410	5.160	35.141	5.146	-0.76%	-0.27%	± 5%	
5750	35.350	5.220	35.072	5.207	-0.79%	-0.25%	± 5%	
5775	35.325	5.245	35.044	5.233	-0.80%	-0.23%	± 5%	
5815	35.285	5.286	34.998	5.274	-0.81%	-0.22%	± 5%	
5850	35.250	5.323	34.958	5.310	-0.83%	-0.23%	± 5%	
6105	34.974	5.604	34.660	5.573	-0.90%	-0.55%	± 5%	
6265	34.782	5.793	34.468	5.740	-0.90%	-0.91%	± 5%	
6500	34.500	6.070	34.186	5.986	-0.91%	-1.38%	± 5%	
6505	34.494	6.076	34.180	5.992	-0.91%	-1.38%	± 5%	
6585	34.398	6.169	34.084	6.076	-0.91%	-1.50%	± 5%	Aug. 24, 2024
6745	34.206	6.354	33.892	6.246	-0.92%	-1.70%	± 5%	
6985	33.918	6.633	33.604	6.502	-0.93%	-1.97%	± 5%	
6905	34.014	6.540	33.700	6.417	-0.92%	-1.88%	± 5%	
7000	33.900	6.650	33.586	6.518	-0.93%	-1.98%	± 5%	

3.3 Measurement results of Tissue Simulant Liquid

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3.4 The composition of the tissue simulating liquid:

Simulating Liquids for 600 MHz -10 GHz, Manufactured by SPEAG:

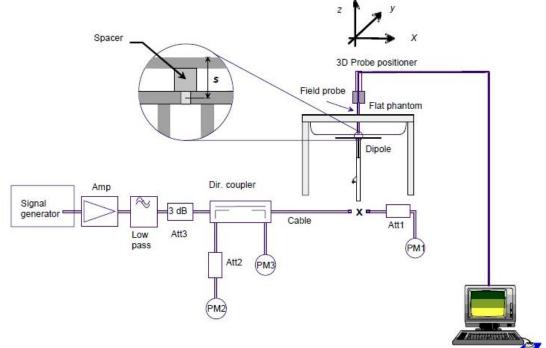
Broad-band head tissue simulating	SPEAG Product	Frequency range (MHz)	Main Ingredients
liquids	HBBL600- 10000V6	600 - 10000	Water, Oil

3.5 System check

The microwave circuit arrangement for system check is sketched in below. The daily system accuracy verification occurs within the flat section of the SAM phantom and ELI phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target SAR values.

The tests were conducted on the same days as the measurement of the DUT. The obtained results from the system accuracy verification are displayed with SAR values normalized to 1W forward power delivered to the dipole.

During the tests, the liquid depth from the center of the flat phantom to the liquid top surface was 15 cm above in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.



The block diagram of system check

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3.6 System check results

Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D2450V2	727	2450	52.7	13.7	54.8	3.98	± 10%	Aug.24,2024
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D5GHzV2	1023	5250	78.8	7.84	78.4	-0.51	± 10%	Aug.23,2024
D5GHzV2	1023	5600	81.3	8	80	-1.60	± 10%	Aug.23,2024
D5GHzV2	1023	5750	78	8.17	81.7	4.74	± 10%	Aug.24,2024
D5GHzV2	1023	5850	78.6	8.16	81.6	3.82	± 10%	Aug.24,2024
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D6.5GHzV2	1029	6500	293	28.8	288	-1.71	± 10%	Aug.24,2024
D7GHzV2	1009	7000	282	27.6	276	-2.13	± 10%	Aug.24,2024

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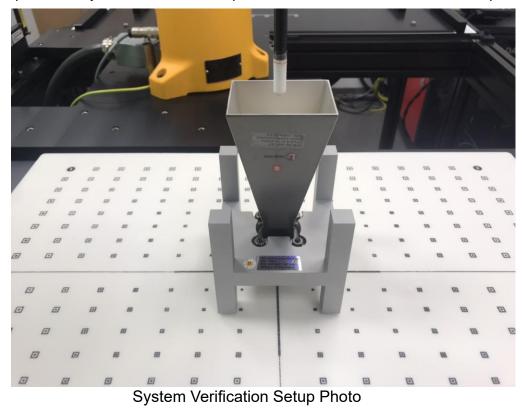


PD SYSTEM VERIFICATION 4

4.1 System check

The system was verified to be within ±0.66 dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check.

The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes.



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4.2 System check result

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

Frequency (MHz)	PD Verification Source (MHz)	Probe S/N	DAE S/N	Distance (mm)	Prad (mW)	Measured 4cm^2 (W/m^2)	Target 4cm^2 (W/m^2)	Deviation (dB)	Date
10000	1000	9635	558	10	93.3	55.3	56.2	-0.07	Aug.25,2024

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TEST CONFIGURATIONS 5

5.1 Test Environment

Ambient Temperature: 22±2° C Tissue Simulating Liquid: 22±2° C

5.2 **Test Note**

• General: Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s).

General: The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.

General: During the SAR testing, the DASY system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.

General: According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is ≤ 0.8 W/kg, when the transmission band is \leq 100 MHz.

General: According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is \geq 0.8 W/kg, repeated that measurement once. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is \geq 1.45 W/kg (~ 10% from the 1-g SAR limit).

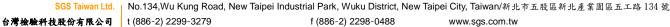
• WLAN 2.4GHz: 802.11b DSSS SAR Test Requirements: SAR is measured for 2.4 GHz 802.11b DSSS mode using the highest measured maximum output power channel, when the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.

• WLAN 2.4GHz: 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since 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.

• WLAN 5GHz: Initial Test Configuration: An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. When the reported SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is \leq 1.2 W/kg or all required channels are tested. Since the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration

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specified maximum output power and the adjusted SAR is \leq 1.2 W/kg, SAR is not required for subsequent test configuration.

• WLAN 5GHz: Based on FCC guidance, general principles of KDB248227D01 can be applied to 802.11ax to determine initial test configuration with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency band.

 WLAN 6GHz: Per October 2020 & April 2021 TCB Workshop Interim procedures and FCC guidance, start instead with a minimum of 5 test channels across the full band, then adapt and apply conducted power and SAR test reduction procedures of KDB Pub. 248227 v02r02. WIFI 6E SAR is measured by using 6-7GHz parameters per IEC/IEEE62209-1528:2020 and report also estimated absorbed PD (for reference purposes only, not specifically for compliance). For the highest SAR test configurations also measure incident PD (total) using mmW near-field probe and total-field/power-density reconstruction method.

• WLAN 6GHz: Per equipment manufacturer guidance, power density was measured at d=2mm with the grid step (0.0625λ) for determining compliance at d=2mm.

• WLAN 6GHz: According to October 2020 TCB Workshop Interim procedures, power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty > 30%. Total expanded uncertainty of 2.67 dB (85%) was used to determine the psPD measurement scaling factor.

 WLAN 6GHz: Per FCC guidance, for simultaneous transmission evaluation, using SAR sum and SPLSR for simultaneous transmit exclusion analyses and evaluations.

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5.3 **Test position**

Laptop mode SAR test position (0mm)

For laptop PC, according to KDB 616217 D04, SAR evaluation is required for the bottom surface of the keyboard. This EUT was tested in the base of EUT directly against the flat phantom. The required minimum test separation distance for incorporating transmitters and antennas into laptop computer display is determined with the display screen opened at an angle of 90° to the keyboard compartment.

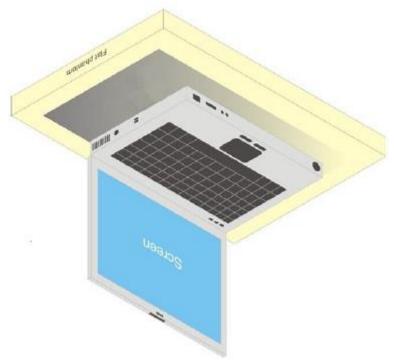


Illustration for Laptop Setup

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Tablet mode SAR test position (0mm)

For full-size tablet, according to KDB 616217 D04, SAR evaluation is required for back surface and edges of the devices. The back surface and edges of the tablet are tested with the tablet touching the phantom. Exposures from antennas through the front surface of the display section of a tablet are generally limited to the user's hands. Exposures to hands for typical consumer transmitters used in tablets are not expected to exceed the extremity SAR limit; therefore, SAR evaluation for the front surface of tablet display screens are generally not necessary. When voice mode is supported on a tablet and it is limited to speaker mode or headset operations only, additional SAR testing for this type of voice use is not required.

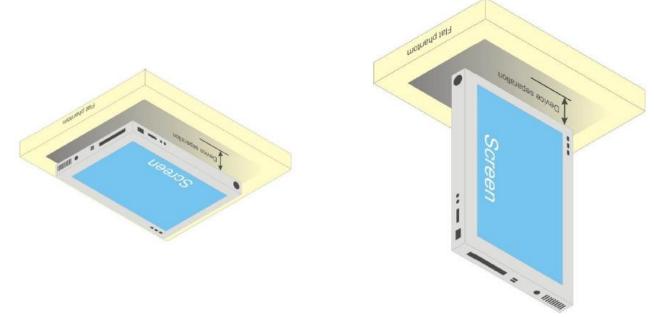


Illustration for Tablet Setup

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5.4 Power verification of device mode

The device is a convertible laptop computer with predefined single fixed power to each device modes. For the device modes verification, the measured conducted output power is monitored qualitatively to identify the triggering characteristics and recorded quantitatively.

Results and conclusion

The measured output power versus lid angle is tabulated in the following table based on the guidance from 2019-11 TCB workshop, and the triggering verification complies with the device mode / power level declared by the manufacturer.

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Device mode verification by power measurement

Antenna	Operation mode	Lid angle	802.11b	802.11ac80-VHT0	802.11ac(160M) 5.2G	802.11ac80-VHT0	802.11ac80-VHT0	802.11ac160-VHT0	802.11ac80-VHT0	802.11ac160-VHT0	802.11be320-EHT0	802.11ax160-HE0	802.11be320-EHT0	802.11be320-EHT0
	Lid close Notebook	0° 10°	20.90	17.17	17.16	17.14	17.16	17.03	17.16	17.18	0.00 11.65	11.62	0.00	11.54
	INDIEDOUK	5° 0°	20.89	17.02	17.01	17.19	17.06	17.19	17.04	17.07	11.57	11.67	11.64	11.70
	Lid close	1° 2°												
		3°	00.00	13.10	(200	12.11	(300	47.00	43.00	13.10			44.00	
		4- 5°	20.92 20.92 20.95	17.12 17.01	17.09 17.00 17.17	17.11 17.02 17.01	17.00 17.15 17.06	17.00 17.01 17.06	17.03 17.17 17.20	17.12 17.03 17.17	11.51 11.51	11.63 11.69 11.68	11.69 11.64 11.58	11.65 11.51
		6° 7°	20.95 20.95 20.90	17.03 17.14 17.08	17.17 17.11 17.20	17.01 17.13 17.04	17.06 17.12 17.12	17.06 17.13 17.14	17.20 17.12 17.13	17.17 17.14 17.11	11.70 11.60 11.53	11.68 11.65 11.55	11.58 11.60 11.59	11.67 11.50 11.62
		8° 9°	20.90 20.89	17.08	17.20 17.08	17.04	17.12 17.11	17.14 17.19	17.13 17.00	17.11 17.07	11.53 11.69	11.55 11.58	11.59 11.50	11.62 11.68
		10°	20.90	17.01 17.12	17.04	17.19 17.16	17.03 17.20	17.06 17.14	17.01 17.19	17.06 17.09	11.51	11.58 11.61 11.53	11.64	11.55 11.57
		20° 30°	20.84 20.76	17.10	17 17	17.08	17.06	17 15	17 17	17.06	11.68 11.66	11.53 11.56 11.60	11.51 11.55	11.70
		40° 50°	20.80 20.87	17.05	17.10	17.10 17.06	17.01	17.16	17.08	17.05	11.59 11.53	11.60	11.52 11.60	11.63 11.53
		60° 70°	20.81 20.89	17.15	17.05 17.11	17.15	17.03 17.15	17.01	17.06	17.09 17.04	11.61 11.60	11.65 11.50	11.61	11.58
		80°	20.81	17.16	17.01	17.20	17.02	17.09	17.13	17.18	11.63	11.56	11.62	11.62
	Notebook	90° 100°	20.90 20.85	17.12	17.15 17.13	17.07 17.12	17.03 17.13	17.16 17.15	17.13 17.09	17.17 17.07	11.61 11.51	11.61 11.54	11.54 11.58	11.59 11.61
		110° 120°	20.75 20.75	17.18	17.08	17.15	17.03	17.15	17.01	17.14 17.05	11.54 11.58	11.52 11.61	11.55 11.67	11.69 11.59
		130°	20.80	17.09	17.20	17.06	17.10	17.12	17.03	17.10	11.62	11.67	11.53	11.64
		140° 150°	20.91 20.84	17.02 17.19	17.00 17.14	17.11 17.04	17.15 17.04	17.10 17.12	17.13 17.09	17.17 17.19	11.70 11.61	11.63 11.55	11.51 11.64	11.61 11.59
		160° 170°	20.94 20.83	17.08 17.06	17.00 17.03	17.19 17.13	17.18 17.18	17.00 17.17 17.10	17.11 17.08	17.03 17.03 17.05 17.15	11.70 11.59	11.58 11.51	11.65 11.66	11.69 11.67
		180° 190°	20.85 20.77	17.01 17.15	17.12	17.04 17.08	17.04 17.08	17.10	17.16	17.05	11.53 11.68	11.61 11.56	11.55 11.63	11.56 11.59
		200°	20.84	17.13	17.11	17.10	17.14	17.06	17.03	17.09	11.59	11.53	11.52	11.59
		195° 196°	20.80 20.75	17.12 17.19 17.18	17.04 17.16 17.13	17.10 17.07 17.12 17.13	17.02 17.14	17.01 17.05	17.01 17.11 17.14	17.04 17.19 17.12	11.52 11.55	11.63 11.62	11.56 11.63	11.64 11.54
		197°	20.86	17.18 17.17 17.17	17.13 17.07	17.13 17.18 17.02	17.12 17.08 17.15	17.01 17.05 17.02	17.14 17.17 17.16	17.12 17.12	11.61 11.69	11.59 11.69 11.63	11.65 11.52	11.63
		198° 199° 200°	20.79 20.76 14.61	17.17 10.12	17.07 17.04 10.07	17.02	17.15	17.02	17.16	17.12 17.09 7.63	11.53	11.63	11.52 11.62 8.04	11.52 11.62 8.18
		200° 201° 202°	14.61 14.59 14.57	10.12	10.07 10.15 10.12	10.08 10.11 10.18	7.53 7.55 7.55	7.61 7.61 7.60	7.63 7.69 7.52	7.63 7.68 7.52	8.04 8.09 8.04	8.05 8.10 8.14	8.04 8.09 8.01	8.18 8.10 8.16
		202° 203°	14.63	10.06	10.12 10.17 10.17	10.18 10.16 10.06	7.60	7.67	7.69	7.52 7.60 7.68	8.08	8.14 8.02 8.00	8.14	8.10
		204° 205°	14.59 14.67	10.01	10.17 10.04	10.06	7.57	7.54	7.66	7.66	8.02 8.19	8.14	8.03 8.03	8.01 8.14
		215° 225° 235° 245°	14.61 14.69	10.13	10.10 10.09 10.11	10.11	7.57	7.54 7.62	7.61	7.59 7.54	8.10 8.13	8.10	8.19 8.15	8.19 8.14
		235°	14.62	10.01	10.05	10.11 10.13 10.15 10.03	7.64	7.63	7.65	7.52	8.18 8.11	8.04 8.02 8.15	8.05 8.17	8.03
		245° 255°	14.63	10.09 10.16 10.14	10.04 10.17 10.12	10.03 10.10 10.07	7.54 7.68 7.56	7.69 7.54	7.52	7.58 7.53	8.11 8.12 8.01	8.15 8.02 8.17	8.04 8.06	8.02 8.09 8.19
		255° 265° 275°	14.66 14.62	10.12	10.08	10.12	7.66	7.69	7.68	7.66	8.05	8.18	8.07	8.17
		285° 295°	14.63 14.63	10.15	10.08	10.08	7.68 7.68	7.59	7.65 7.53	7.61 7.50	8.02 8.10	8.04 8.10	8.17 8.19	8.19 8.15
		305° 315°	14.60 14.60	10.19	10.02	10.11	7.53	7.61	7.64	7.67	8.07	8.02	8.10 8.19	8.19 8.00
		325°	14.53	10.12	10.15	10.14	7.53	7.55	7.53	7.61	8.10	8.17	8.15	8.18
Tx1	Tablet mode	335° 345°	14.55 14.69	10.06 10.09	10.10 10.06 10.16	10.05	7.58 7.68	7.63	7.61 7.56 7.51	7.54 7.59 7.60	8.03 8.00	8.18 8.18 8.09	8.07 8.06	8.18 8.11
		355° 360°	14.54 14.64	10.00	10.16	10.12	7.64 7.55	7.58 7.63 7.62	7.51 7.59	7.60	8.12 8.08	8.09 8.06	8.17 8.05	8.06 8.18
		350° 340°	14.68 14.58	10.10 10.19 10.05	10.06 10.15 10.07	10.05 10.07	7.55 7.53 7.58	7.62	7.59 7.59 7.63	7.51 7.54 7.54	8.19 8.01	8.14 8.14	8.03 8.05	8.10 8.11
		330° 320°	14.65	10.00	10.02	10.07 10.03 10.12	7.64	7.57	7.55 7.57	7.64	8.13 8.18	8.17	8.11	8.06
		310° 300°	14.68 14.63	10.12 10.12	10.03 10.14	10.12 10.09 10.05	7.69 7.67	7.55 7.62	7.51 7.58	7.52 7.64	8.03 8.03	8.12 8.08	8.18 8.06	8.11 8.02
		300° 290° 280°	14.61 14.64	10.01 10.18	10.02 10.14 10.07	10.05 10.19 10.18	7.51 7.51	7.62 7.59 7.68	7.58 7.52 7.62	7.64 7.53 7.53	8.07	8.09	8.15 8.10	8.10 8.19
		280° 270°	14.62	10.08	10.07	10.18	7.60	7.68	7.62	7.53	8.00	8.11	8.06	8.11 8.11
		270° 260° 250°	14.52 14.69 14.65	10.16 10.12 10.03	10.02 10.17 10.09	10.15 10.09 10.16	7.59 7.62 7.62	7.69 7.52 7.67	7.50 7.61 7.65	7.56 7.64 7.60	8.04 8.15 8.00	8.08 8.16 8.08	8.04 8.08 8.20	8.11 8.19 8.02
		240°	14.61	10.19	10.15	10.18	7.64	7.69	7.61	7.60	8.18	8.07	8.02	8.12
		230° 220°	14.57 14.65	10.17 10.18	10.00	10.11 10.05	7.55 7.54	7.52 7.59	7.66 7.61	7.54 7.65	8.07 8.13	8.07 8.13	8.12 8.01	8.01 8.03
		210° 200°	14.52 14.64	10.02	10.10 10.03	10.04 10.13	7.61 7.70	7.60 7.63 17.04	7.62 7.56	7.54 7.51	8.15 8.03	8.06 8.13	8.05 8.14	8.12 8.00
	Notebook	190° 195°	20.75	10.01 17.14 17.12	10.03 17.17 17.16	10.13 17.12 17.03	7.70 17.13 17.01	17.16	7.56 17.11 17.04	7.51 17.03 17.06	8.03 11.52 11.66	8.13 11.56 11.60	11.69 11.67	8.00 11.57 11.68
	Tablet mode	200° 199°	14.53 20.81	10.09	10.12	10.06	7.53	7.52	7.69	7.57	8.11	8.20 11.58	8.01 11.63	8.17 11.52
		198°	20.75	17.19	17.00	17.00	17.05	17.18	17.10	17.08	11.52	11.59	11.65 11.54 11.60	11.52
		197° 196°	20.88 20.88	17.11	17.15	17.05 17.06	17.06 17.08	17.09 17.11	17.17	17.04 17.20	11.69	11.64	11.69	11.62
		195°	20.90	17.03	17.17	17.15	17.01	17.01	17.13	17.10	11.50	11.54	11.68	11.68
		194° 193° 192°	20.90 20.92	17.11 17.16	17.15 17.03	17.04 17.07 17.12	17.05 17.07 17.00	17.20 17.01 17.18	17.09 17.07	17.13 17.15	11.61 11.51	11.64 11.68	11.65 11.54	11.54 11.62
		191°	20.93 20.90	17.12	17.14	17.13	17.03	17.18	17.18	17.10	11.65	11.50	11.53	11.68
		190° 180°	20.77 20.83	17.15 17.17	17.12 17.09	17.17 17.06	17.09 17.07	17.02	17.07	17.03 17.01	11.54 11.66	11.58 11.63	11.63 11.57	11.69 11.57
		170°	20.80	17.19	17.10	17.10	17.07	17.06	17.11	17.13	11.61	11.58	11.66	11.68
	Notebook	160° 150°	20.94 20.88	17.13 17.11	17.14 17.02	17.16	17.16 17.16	17.06 17.16	17.16	17.05 17.01	11.67 11.59	11.62 11.57	11.51 11.67	11.53 11.67
		140° 130°	20.77 20.86	17.18	17.05	17.04	17.04	17.17	17.12	17.14	11.65 11.53	11.59 11.69	11.57 11.69	11.50 11.64
		130° 120° 110°	20.86 20.92 20.90	17.08	17.09	17.00	17.19 17.19	17.04	17.05	17.10	11.55 11.58	11.54	11.69 11.64	11.69
		100°	20.90 20.77 20.92	17.03	17.17	17.09	17.08	17.04	17.19	17.04	11.69	11.67	11.65	11.59
		90° 80°	20.92 20.92	17.13 17.11	17.10 17.12	17.19 17.14	17.10 17.01	17.14 17.10	17.06 17.10	17.06 17.09	11.63 11.60	11.53 11.57	11.61 11.70	11.59 11.65
		70°	20.95 20.84	17.13	17.13	17.11	17.09	17.05	17.20	17.07 17.04	11.55	11.64	11.69	11.64
		50°	20.80	17.01	17.19	17.19	17.19	17.15	17.05	17.09	11.57	11.65	11.66	11.57
		40° 30°	20.93 20.78	17.01 17.02	17.15 17.12	17.06 17.11	17.09 17.11	17.14 17.07	17.13 17.18	17.15 17.11	11.51 11.69	11.51 11.60	11.58 11.62	11.56 11.62
		20° 10°	20.81	17.06	17.16 17.14	17.12	17.20 17.04	17.18 17.09	17.03	17 17	11.51 11.52	11.58 11.69	11.55 11.55	11.70
	Lid close	0°	20.88 14.55 20.97	10.08	10.02	17.06 10.10 17.02	7.57	7.68	7.52	17.18 7.59 17.11	815	8.05	8.02	8 12
	Notebook	5° 4°	20.87 20.83	17.09 17.06	17.20 17.04	17.02 17.06	17.04 17.11	17.14 17.12	17.10 17.06	17.11 17.19	11.52 11.56	11.66 11.65	11.54 11.66	11.56 11.69
	Lideland	3° 2°												
	Lid close	1° 0°												
L	1	. v												

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Antenna	Operation mode	Lid angle	802.11b	802.11ac160-VHT0	802.11ac80-VHT0	802.11ac160-VHT0	802.11ac80-VHT0	802.11ac160-VHT0	802.11be320-EHT0	802.11ax160-HE0	802.11be320-EHT0	802.11be320-EHT0
	Lid close Notebook	0° 10°	20.83	16.03	16.14	16.08	16.03	16.03	12.09	12.08	12.12	12.04
	NOISDOOK	5° 0°	20.88	16.01	16.01	16.13	16.12	16.17	12.09	12.03	12.13	12.17
	Lid close	1° 2°										
		3° 4°	20.90	40.40	16.03	16.09	16.13	40.05	12.13	12.05	12.17	12.15
		5°	20.80	16.18 16.11	16.06	16.06	16.13	16.05 16.15	12.07	12.10	12.00	12.12
		6° 7°	20.83 20.84	16.16 16.14	16.18 16.11	16.01 16.01	16.08 16.18	16.14 16.07	12.18 12.16	12.11 12.18	12.10 12.02	12.10 12.20
		8° 9°	20.93 20.86	16.02 16.01	16.07	16.16 16.15	16.11	16.16 16.18	12.08	12.13 12.11	12.19 12.04	12.09
		10° 20°	20.89	16.15 16.20	16.14 16.12	16.16 16.01	16.20 16.03	16.15 16.10	12.08 12.07	12.15	12.19	12.11
		30°	20.83 20.76	16.18	16.07	16.20	16.11	16.20	12.13	12.17 12.15	12.09 12.05	12.12 12.18
		40° 50°	20.78 20.84	16.12 16.09	16.09 16.19	16.15 16.10	16.06 16.05	16.03 16.06	12.03 12.02 12.10	12.11 12.02 12.03	12.03 12.01 12.15	12.08 12.03 12.16
		60° 70°	20.88 20.76	16.15 16.03	16.17 16.15	16.07 16.15	16.08 16.16	16.13 16.02	12.10 12.15	12.03 12.02	12.15 12.07	12.16 12.12
		80° 90°	20.87 20.95	16.01 16.03	16.03 16.04	16.15 16.15	16.02 16.15	16.08 16.13	12.04 12.01	12.09 12.16	12.06 12.18	12.04 12.08
	Notebook	100°	20.78	16.06	16.16	16.14	16.15	16.19	12.13	12.15	12.06	12.12
		110° 120°	20.92 20.76	16.11 16.17	16.10 16.20	16.11 16.18	16.08 16.02	16.08 16.19	12.05	12.04 12.07	12.14 12.01	12.11 12.17
		130° 140°	20.95 20.75	16.17 16.09	16.11 16.18	16.07 16.17	16.16 16.13	16.14 16.08	12.19 12.05	12.06 12.19	12.19 12.09	12.05
		150° 160°	20.87 20.84	16.09 16.14	16.05 16.09	16.15 16.13	16.16 16.15	16.14 16.07	12.06	12.13 12.17	12.05	12.19
		170°	20.87	16.12	16.10	16.14	16.17	16.02	12.16	12.17	12.03	12.02
		180° 190°	20.91 20.92	16.11 16.08	16.04 16.00	16.17 16.01	16.04 16.08	16.20 16.17	12.11 12.17	12.11 12.05	12.08 12.12	12.16
		200° 195°	20.88 20.76	16.10 16.00	16.20 16.05	16.02 16.19	16.06 16.18	16.18 16.10	12.07 12.13	12.05 12.09	12.03 12.08	12.14 12.16
		196°	20.84	16.07	16.02	16.12	16.19	16.01	12.03	12.07	12.09	12.12
		197° 198°	20.91 20.85	16.15 16.18	16.03 16.08	16.17 16.01	16.18 16.08	16.12 16.16	12.05 12.19	12.04 12.08	12.10 12.06	12.12 12.07
		199° 200°	20.90 15.59	16.11 13.20	16.12 10.01	16.07 9.62	16.04 8.67	16.03 8.14	12.15 6.50	12.03 6.63	12.10 6.68	12.11 6.61
		201°	15.65 15.66	13.09 13.10	10.09	9.60 9.70	8.54 8.65	8.03 8.10	6.56	6.54	6.64	6.63 6.64
		202° 203°	15.64	13.03	10.10	9.65	8.51	8.07	6.68	6.68	6.57	6.62
		204° 205°	15.55 15.52	13.02 13.06	10.07 10.12	9.54 9.58	8.51 8.51	8.11 8.20	6.53 6.57	6.59 6.62	6.61 6.63	6.53 6.53
		215° 225°	15.55 15.57	13.17 13.04	10.10 10.13	9.51 9.63	8.64 8.61	8.02 8.20	6.60 6.65	6.64 6.57	6.56 6.64	6.53 6.62
		235° 245°	15.57	13.04 13.02 13.05	10.13	9.64 9.63	8.60	8.17 8.02	6.68 6.60	6.67	6.55	6.67 6.62
		255°	15.51	13.17	10.06	9.69	8.66 8.61	8.05	6.52	6.62	6.66	6.53
		265° 275°	15.54 15.64	13.12 13.16	10.13 10.00	9.68 9.52	8.55 8.60	8.16 8.09	6.69 6.64	6.65 6.61	6.51 6.68	6.55 6.64
		285° 295°	15.53 15.56	13.09 13.19	10.09 10.15	9.59 9.58	8.52 8.54	8.15 8.09	6.60 6.50	6.60 6.66	6.66 6.52	6.59 6.60
		305° 315°	15.69	13.19 13.20	10.07	9.59	8.69	8.15	6.64	6.59	6.60	6.66
		325°	15.65 15.57	13.06	10.05 10.12	9.64 9.63	8.53 8.66	8.05 8.06	6.52 6.58	6.67	6.60 6.58	6.60 6.51
Tx2	Tablet mode	335° 345°	15.62 15.54	13.07 13.10	10.06	9.67 9.56	8.67	8.04 8.14	6.67 6.70	6.55 6.50	6.66 6.58	6.68 6.60
		355° 360°	15.61 15.68	13.15 13.01	10.13	9.64 9.51	8.54 8.55	8.13 8.09	6.57 6.63	6.64 6.52	6.68 6.63	6.58 6.61
		350°	15.66	13.06	10.08	9.62 9.59	8.56	8.14	6.63	6.69	6.62	6.52
		340° 330°	15.68	13.03 13.01	10.01	9.53	8.63	8.05 8.03	6.60 6.67	6.62 6.56	6.58 6.59	6.58 6.59
		320° 310°	15.57 15.69	13.11 13.18	10.03	9.60 9.64	8.56 8.55	8.08 8.12	6.51 6.64	6.66 6.66	6.68 6.67	6.53 6.51
		300° 290°	15.67 15.58	13.19 13.18	10.04 10.10	9.54 9.61	8.70 8.64	8.13 8.01	6.61 6.62	6.53 6.61	6.53 6.67	6.66 6.51
		280°	15.56	13.05	10.04	9.61	8.61	8.18	6.50	6.63	6.69	6.55
		270° 260°	15.51 15.62	13.04 13.04	10.14 10.12	9.58 9.64	8.65 8.54	8.19 8.13	6.68 6.63	6.57 6.60	6.62 6.50	6.57 6.61
		250° 240°	15.56 15.63	13.08 13.05	10.09	9.60 9.60	8.63 8.51	8.09 8.08	6.56 6.69	6.55 6.66	6.58 6.51	6.68 6.51
		230° 220°	15.58 15.60	13.14 13.07	10.19 10.19	9.51 9.58	8.56 8.56	8.07 8.01	6.54 6.51	6.65 6.60	6.62 6.66	6.51 6.50
		210°	15.68	13.14	10.17	9.51	8.53	8.13	6.53	6.62	6.65	6.65
	Notebook	200° 190°	15.64 20.83	13.17 16.17	10.03 16.06	9.69 16.01	8.60 16.04	8.09 16.20	6.69 12.17	6.59 12.10	6.67 12.12	6.67 12.11
	Tablet mode	195° 200°	20.89 15.52	16.20 13.17	16.09 10.01	16.09 9.61	16.17 8.69	16.02 8.15	12.08 6.68	12.06 6.65	12.10 6.66	12.00 6.58
		199° 198°	20.81	16.02 16.10	16.15 16.04	16.04 16.06	16.07 16.11	16.20 16.19	12.02	12.02	12.11	12.12 12.19
		197°	20.93	16.12	16.05	16.19	16.13	16.19	12.15	12.02	12.00	12.17
		196° 195°	20.89 20.84	16.11 16.01	16.17 16.02	16.17 16.06	16.11 16.19	16.04 16.14	12.09 12.10	12.04 12.17	12.16 12.15	12.07 12.16
		194° 193°	20.82 20.92	16.16 16.18	16.11 16.02	16.19 16.20	16.18 16.18	16.17 16.12	12.12 12.00	12.02	12.09 12.17	12.18 12.13
		192°	20.79	16.02	16.05	16.10	16.01	16.12	12.16	12.15	12.19	12.08
		191° 190°	20.93 20.82	16.18 16.14	16.06 16.07	16.04 16.19	16.09 16.10	16.09 16.05	12.01 12.14	12.09 12.13	12.11 12.19	12.10 12.11
		180° 170°	20.88	16.06 16.17	16.03 16.02	16.11 16.19	16.12 16.13	16.10 16.13	12.06	12.18	12.13 12.02	12.15 12.03
		160°	20.81	16.09	16.10	16.11	16.19	16.07	12.11	12.00	12.04	12.02
	Notebook	150° 140°	20.80 20.92	16.09 16.09	16.03 16.05	16.09 16.14	16.04 16.04	16.13 16.05	12.13 12.10	12.16 12.19	12.13 12.08	12.06
		130°	20.77	16.16	16.09	16.04	16.07	16.07	12.03	12.01	12.20	12.19
		120° 110°	20.87 20.77	16.09 16.02	16.08 16.12	16.04 16.16	16.04 16.05	16.01 16.19	12.11 12.19	12.03 12.09	12.06 12.01	12.18 12.14
		100° 90°	20.76 20.81	16.11 16.04	16.03 16.01	16.05 16.11	16.15 16.17	16.12 16.02	12.19 12.15	12.07 12.03	12.04 12.13	12.10 12.03
		80°	20.87	16.08	16.08	16.05	16.06	16.05	12.13	12.14	12.05	12.02
		70° 60°	20.93 20.83	16.01 16.05	16.10 16.03	16.02 16.12	16.05 16.18	16.00 16.02	12.03 12.02	12.00	12.04 12.11	12.06 12.08
		50° 40°	20.90 20.94	16.19 16.19	16.20 16.06	16.06 16.02	16.02 16.15	16.15 16.00	12.01 12.17	12.02	12.02 12.19	12.19 12.09
		30°	20.90	16.06	16.16	16.16	16.20	16.14	12.07	12.12	12.12	12.04
		20° 10°	20.85 20.86	16.05 16.15	16.03 16.11	16.03 16.19	16.08 16.15	16.06 16.10	12.08 12.09	12.10 12.05	12.01 12.04	12.07
	Lid close	0° 5°	15.59 20.94	13.07	10.18	9.62	8.60	8.14 16.00	6.50 12.14	6.68 12.09	6.61 12.15	6.66 12.20
	Notebook	4°	20.94 20.89	16.08	16.09	16.02	16.08	16.00 16.04	12.14 12.10	12.09	12.15	12.04
	Lid alasa	3° 2°										
	Lid close	1° 0°										
		0										

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Test limit 5.5

§ 2.1093(d)(1)

Applications for equipment authorization of portable RF sources subject to routine environmental evaluation must contain a statement confirming compliance with the limits specified in § 1.1310 as part of their application. Technical information showing the basis for this statement must be submitted to the Commission upon request. The SAR limits specified in § 1.1310(a) through (c) of this chapter shall be used for evaluation of portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to § 1.1310(e)(1). A minimum separation distance applicable to the operating configurations and exposure conditions of the device shall be used for the evaluation. In general, maximum time-averaged power levels must be used for evaluation. All unlicensed personal communications service (PCS) devices and unlicensed NII devices shall be subject to the limits for general population/uncontrolled exposure. Radiofrequency radiation exposure limits.

§ 1.1310(a)

Specific absorption rate (SAR) shall be used to evaluate the environmental impact of human exposure to radiofrequency (RF) radiation as specified in § 1.1307(b) within the frequency range of 100 kHz to 6 GHz (inclusive).

<u>§ 1.1310(b)</u>

The SAR limits for occupational/controlled exposure are 0.4 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 8 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit for occupational/controlled exposure is 20 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 6 minutes to determine compliance with occupational/controlled SAR limits. § 1.1310(c)

The SAR limits for general population/uncontrolled exposure are 0.08 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 1.6 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatialaverage SAR limit is 4 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 30 minutes to determine compliance with general population/uncontrolled SAR limits.

Note to paragraphs (a) through (c):

SAR is a measure of the rate of energy absorption due to exposure to RF electromagnetic energy. These SAR limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for localized SAR in Section 4.2 of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE Std C95.1-1992, copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Section 17.4.5, copyright 1986 by NCRP, Bethesda, Maryland 20814. Limits for whole body SAR and peak spatial-average SAR are based

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on recommendations made in both of these documents. The MPE limits in Table 1 are based generally on criteria published by the NCRP in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Sections 17.4.1, 17.4.1.1, 17.4.2 and 17.4.3, copyright 1986 by NCRP, Bethesda, Maryland 20814. In the frequency range from 100 MHz to 1500 MHz, these MPE exposure limits for field strength and power density are also generally based on criteria recommended by the ANSI in Section 4.1 of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE Std C95.1-1992, copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017.

Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to § 1.1310(e)(1).

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

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

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Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
	(i) Limits for Oc	cupational/Controlled Ex	posure	
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500- 100,000			5	<6
	(ii) Limits for Genera	I Population/Uncontrolle	d Exposure	
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500- 100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density. Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

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MAXIMUM OUTPUT POWER 6

6.1 **WLAN**

NB

		Ν	Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		1	2412		21.25	21.19
	802.11b	6	2437	1Mbps	22.75	22.74
		11	2462	-	22.75	22.72
		1	2412		21.25	21.05
	802.11g	6	2437	6Mbps	22.00	21.86
		11	2462		22.00	21.89
		1	2412		21.25	21.11
	802.11n20-HT0	6	2437	MCS0	22.00	21.86
		11	2462		21.75	21.65
	802.11ax20-HE0	1	2412		21.25	21.13
		6	2437	MCS0	22.00	21.84
2.45GHz		11	2462		21.75	21.49
2.45662		1	2412		21.25	21.08
	802.11be20-EHT0	6	2437	MCS0	22.00	21.74
		11	2462		21.75	21.49
		3	2422		20.25	20.06
	802.11n40-HT0	6	2437	MCS0	21.00	20.79
		9	2452		20.25	20.03
		3	2422		20.00	19.90
	802.11ax40-HE0	6	2437	MCS0	20.75	20.62
		9	2452		20.25	19.99
		3	2422		20.00	19.90
	802.11be40-EHT0	6	2437	MCS0	20.75	20.60
		9	2452		20.25	20.10

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			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		36	5180		19.00	18.95
	000.44	40	5200		19.00	18.98
	802.11a	44	5220	6Mbps	19.00	18.79
		48	5240		19.00	18.95
		36	5180		19.00	18.93
		40	5200		19.00	18.96
	802.11n20-HT0	44	5220	MCS0	19.00	18.83
		48	5240		19.00	18.80
		36	5180		19.00	18.84
		40	5200	MCS0	19.00	18.84
	802.11ax20-HE0	44	5220		19.00	18.94
		48	5240		19.00	18.80
		36	5180		19.00	18.90
		40	5200		19.00	18.86
5.15-5.25 GHz	802.11be20-EHT0	44	5220	MCS0	19.00	18.98
		48	5240		19.00	18.84
	000 44= 40 1 170	38	5190	MOOO	19.00	18.82
	802.11n40-HT0	46	5230	MCS0	19.00	18.84
	000 44 40 1/50	38	5190	MOOO	19.00	18.83
	802.11ax40-HE0	46	5230	MCS0	19.00	18.91
		38	5190	MOOO	19.00	18.87
	802.11be40-EHT0	46	5230	MCS0	19.00	18.89
	802.11ac80-VHT0	42	5210	MCS0	19.00	18.99
	802.11ax80-HE0	42	5210	MCS0	19.00	18.93
	802.11be80-EHT0	42	5210	MCS0	19.00	18.87
	802.11ac160-VHT0	50	5250	MCS0	18.00	17.86
	802.11ax160-HE0	50	5250	MCS0	18.00	17.80
	802.11be160-EHT0	50	5250	MCS0	18.00	17.87

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	1	[Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		52	5260		19.00	18.89
	802.11a	56	5280	GMbpo	19.00	18.97
	002.11a	60	5300	6Mbps	19.00	18.84
		64	5320		19.00	18.89
		52	5260		19.00	18.85
	902 11p20 LITO	56	5280	MCS0	19.00	18.82
	802.11n20-HT0	60	5300	IVICSU	19.00	18.87
		64	5320		19.00	18.95
	802.11ax20-HE0	52	5260		19.00	18.89
		56	5280	MCS0	19.00	18.96
		60	5300		19.00	18.87
		64	5320		19.00	18.94
5.25-5.35 GHz		52	5260		19.00	18.86
	802.11be20-EHT0	56	5280	MCS0	19.00	18.96
	002.11De20-EH10	60	5300	IVICSU	19.00	18.81
		64	5320		19.00	18.88
	802.11n40-HT0	54	5270	MCS0	19.00	18.97
	002.11140-010	62	5310	IVICSU	19.00	18.86
	802.11ax40-HE0	54	5270	MCS0	19.00	18.91
	002.118X40-HEU	62	5310	IVICSU	19.00	18.91
	802.11be40-EHT0	54	5270	MCS0	19.00	18.84
	002.110040-0110	62	5310	IVICSU	19.00	18.94
	802.11ac80-VHT0	58	5290	MCS0	19.00	18.99
	802.11ax80-HE0	58	5290	MCS0	19.00	18.88
	802.11be80-EHT0	58	5290	MCS0	19.00	18.90

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			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		100	5500		19.00	18.86
	802.11a	120	5600	6Mbpa	19.00	18.81
	802.11a	140	5700	6Mbps	19.00	18.80
		144	5720		19.00	18.78
		100	5500		19.00	18.88
	802.11n20-HT0	120	5600	MCS0	19.00	18.93
	002.11120-1110	140	5700	10000	19.00	18.75
		144	5720		19.00	18.77
		100	5500		19.00	18.84
	802.11ax20-HE0	120	5600	MCS0	19.00	18.89
		140	5700	-	19.00	18.92
		144	5720		19.00	18.78
		100	5500	4	19.00	18.87
	802.11be20-EHT0	120	5600	MCS0	19.00	18.78
		140	5700		19.00	18.75
		144	5720		19.00	18.90
		102	5510	-	19.00	18.74
	802.11n40-HT0	118	5590	MCS0	19.00	18.89
		134	5670	-	19.00	18.75
5.6GHz		142	5710		19.00	18.89
		102	5510	-	19.00	18.93
	802.11ax40-HE0	118	5590	MCS0	19.00	18.89
		134	5670	-	19.00	18.77
		142	5710		19.00	18.89
		102	5510	4	19.00	18.73
	802.11be40-EHT0	118	5590 5670	MCS0	19.00	18.82
		134	5670 5710	4	19.00 19.00	18.77
		142 106	5530		19.00	<u>18.77</u> 18.93
	802.11ac80-VHT0	100	5610	MCS0	19.00	18.93
	002.11000-1110	138	5690	10000	19.00	18.92
		106	5530		19.00	18.89
	802.11ax80-HE0	100	5610	MCS0	19.00	18.87
		138	5690		19.00	18.92
		106	5530		19.00	18.91
	802.11be80-EHT0	122	5610	MCS0	19.00	18.78
		138	5690	-	19.00	18.86
	802.11ac160-VHT0	114	5570	MCS0	18.75	18.65
	802.11ax160-HE0	114	5570	MCS0	18.75	18.60
	802.11be160-EHT0	114	5570	MCS0	18.75	18.57

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		ſ	Main			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		149	5745		19.00	18.84
	802.11a	157	5785	6Mbps	19.00	18.89
		165	5825		19.00	18.89
		149	5745		19.00	18.75
	802.11n20-HT0	157	5785	MCS0	19.00	18.76
		165	5825		19.00	18.88
		149	5745		19.00	18.86
	802.11ax20-HE0	157	5785	MCS0	19.00	18.83
		165	5825		19.00	18.89
		149	5745		19.00	18.83
5.8GHz	802.11be20-EHT0	157	5785	MCS0	19.00	18.89
		165	5825		19.00	18.87
	802.11n40-HT0	151	5755	MCS0	19.00	18.84
	002.111140-1110	159	5795	NOOU	19.00	18.89
	802.11ax40-HE0	151	5755	MCS0	19.00	18.80
		159	5795	10000	19.00	18.86
	802.11be40-EHT0	151	5755	MCS0	19.00	18.86
		159	5795	10000	19.00	18.75
	802.11ac80-VHT0	155	5775	MCS0	19.00	18.92
	802.11ax80-HE0	155	5775	MCS0	19.00	18.90
	802.11be80-EHT0	155	5775	MCS0	19.00	18.84

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Main								
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)		
		169	5845	6Mbps	19.00	18.80		
	802.11a	173	5865		19.00	18.82		
		177	5885		19.00	18.97		
		169	5845	MCS0	19.00	18.86		
	802.11n20-HT0	173	5865		19.00	18.91		
		177	5885		19.00	18.88		
		169	5845	MCS0	19.00	18.94		
	802.11ax20-HE0	173	5865		19.00	18.96		
		177	5885		19.00	18.89		
	802.11be20-EHT0	169	5845	MCS0	19.00	18.89		
5.9GHz		173	5865		19.00	18.78		
		177	5885		19.00	18.83		
5.50112	802.11n40-HT0	167	5835	MCSO	19.00	18.88		
		175	5875		19.00	18.95		
	802.11ax40-HE0	167	5835	MCS0	19.00	18.83		
	002.11ax40-11E0	175	5875		19.00	18.86		
	802.11be40-EHT0	167	5835	MCSO	19.00	18.88		
	002.110040-EHTU	175	5875		19.00	18.93		
	802.11ac80-VHT0	171	5855	MCS0	19.00	18.81		
	802.11ax80-HE0	171	5855	MCS0	19.00	18.86		
	802.11be80-EHT0	171	5855	MCS0	19.00	18.88		
	802.11ac160-VHT0	163	5815	MCS0	19.00	18.99		
	802.11ax160-HE0	163	5815	MCS0	19.00	18.95		
	802.11be160-EHT0	163	5815	MCS0	19.00	18.91		

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Aux								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)		
	802.11b	1	2412	1Mbps	22.00	21.99		
		6	2437		22.75	22.74		
		11	2462		22.00	21.98		
		1	2412		20.75	20.64		
	802.11g	6	2437	6Mbps	21.25	21.09		
		11	2462		20.75	20.63		
	802.11n20-HT0	1	2412	MCS0	20.50	20.37		
		6	2437		21.00	20.90		
		11	2462		20.50	20.41		
	802.11ax20-HE0	1	2412	MCS0	20.25	20.20		
		6	2437		21.00	20.92		
2.45GHz		11	2462		20.75	20.54		
2.450112	802.11be20-EHT0	1	2412	MCS0	20.25	20.11		
		6	2437		21.00	20.84		
		11	2462		20.75	20.57		
	802.11n40-HT0	3	2422	MCS0	19.75	19.63		
		6	2437		19.75	19.58		
		9	2452		20.00	19.89		
	802.11ax40-HE0	3	2422	MCS0	19.50	19.34		
		6	2437		19.75	19.68		
		9	2452		19.75	19.56		
	802.11be40-EHT0	3	2422	MCS0	19.50	19.47		
		6	2437		19.75	19.57		
		9	2452		19.75	19.73		

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			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
	802.11a	36	5180	6Mbps	18.00	17.79
		40	5200		18.00	17.88
		44	5220		18.00	17.92
		48	5240		18.00	17.97
		36	5180		18.00	17.84
	802.11n20-HT0	40	5200	MCS0	18.00	17.82
	802.11h20-H10	44	5220	10030	18.00	17.96
		48	5240		18.00	17.92
	802.11ax20-HE0	36	5180	MCS0	18.00	17.88
		40	5200		18.00	17.95
		44	5220		18.00	17.88
		48	5240		18.00	17.94
	802.11be20-EHT0	36	5180	MCS0	18.00	17.87
		40	5200		18.00	17.89
5.15-5.25 GHz		44	5220		18.00	17.96
		48	5240		18.00	17.87
	802.11n40-HT0	38	5190	MCS0	18.00	17.91
		46	5230		18.00	17.90
	802.11ax40-HE0	38	5190	MCS0	18.00	17.87
		46	5230		18.00	17.83
	802.11be40-EHT0	38	5190	MCS0	18.00	17.84
		46	5230		18.00	17.85
	802.11ac80-VHT0	42	5210	MCS0	18.00	17.86
	802.11ax80-HE0	42	5210	MCS0	18.00	17.93
	802.11be80-EHT0	42	5210	MCS0	18.00	17.96
	802.11ac160-VHT0	50	5250	MCS0	18.00	17.99
	802.11ax160-HE0	50	5250	MCS0	18.00	17.85
	802.11be160-EHT0	50	5250	MCS0	18.00	17.88

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			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		52	5260		18.00	17.85
	802.11a	56	5280	GMbpo	18.00	17.84
	802.11a	60	5300	6Mbps	18.00	17.91
		64	5320		18.00	17.94
		52	5260		18.00	17.88
	000 44m00 LITO	56	5280	MCCO	18.00	17.92
	802.11n20-HT0	60	5300	MCS0	18.00	17.88
		64	5320		18.00	17.92
		52	5260	MCS0	18.00	17.83
	802.11ax20-HE0	56	5280		18.00	17.93
	002.11ax20-HEU	60	5300		18.00	17.90
		64	5320		18.00	17.98
5.25-5.35 GHz		52	5260		18.00	17.89
	802.11be20-EHT0	56	5280	MCS0	18.00	17.89
	002.11De20-EH10	60	5300	10050	18.00	17.85
		64	5320		18.00	17.81
	802.11n40-HT0	54	5270	MCCO	18.00	17.92
	802.11n40-HTU	62	5310	MCS0	18.00	17.85
	000 11 ov 10 LIE0	54	5270	MCCO	18.00	17.91
	802.11ax40-HE0	62	5310	MCS0	18.00	17.89
		54	5270	MCSO	18.00	17.86
	802.11be40-EHT0	62	5310	MCS0	18.00	17.98
	802.11ac80-VHT0	58	5290	MCS0	18.00	17.99
	802.11ax80-HE0	58	5290	MCS0	18.00	17.97
	802.11be80-EHT0	58	5290	MCS0	18.00	17.83

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Report No.: TESA2407000466E5 Page: 38 of 147

			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		100	5500		18.00	17.84
	902 110	120	5600	- CMbpo	18.00	17.82
	802.11a	140	5700	6Mbps	18.00	17.83
		144	5720		18.00	17.75
		100	5500		18.00	17.76
	802.11n20-HT0	120	5600	MCS0	18.00	17.84
	002.1111201110	140	5700	-	18.00	17.83
		144	5720		18.00	17.91
		100	5500	-	18.00	17.85
	802.11ax20-HE0	120	5600	MCS0	18.00	17.78
		140	5700	-	18.00	17.74
		144	5720		18.00	17.78
		100 120	5500 5600	-	18.00 18.00	<u> </u>
	802.11be20-EHT0			MCS0		
		140 144	5700 5720	-	18.00 18.00	<u>17.77</u> 17.92
		144	5510		18.00	17.92
		102	5590	-	18.00	17.80
	802.11n40-HT0	134	5670	MCS0	18.00	17.76
		142	5710	-	18.00	17.78
5.6GHz		102	5510		18.00	17.72
		118	5590		18.00	17.75
	802.11ax40-HE0	134	5670	MCS0	18.00	17.78
		142	5710		18.00	17.81
		102	5510		18.00	17.72
		118	5590	MCCO	18.00	17.76
	802.11be40-EHT0	134	5670	MCS0	18.00	17.86
		142	5710		18.00	17.90
		106	5530		18.00	17.98
	802.11ac80-VHT0	122	5610	MCS0	18.00	17.92
		138	5690		18.00	17.99
		106	5530		18.00	17.76
	802.11ax80-HE0	122	5610	MCS0	18.00	17.81
		138	5690		18.00	17.75
		106	5530		18.00	17.77
	802.11be80-EHT0	122	5610	MCS0	18.00	17.79
		138	5690		18.00	17.91
	802.11ac160-VHT0	114	5570	MCS0	18.00	17.98
	802.11ax160-HE0	114	5570	MCS0	18.00	17.85
	802.11be160-EHT0	114	5570	MCS0	18.00	17.80

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			Aux			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		149	5745		18.00	17.82
	802.11a	157	5785	6Mbps	18.00	17.87
		165	5825		18.00	17.79
		149	5745		18.00	17.87
	802.11n20-HT0	157	5785	MCS0	18.00	17.83
		165	5825		18.00	17.91
		149	5745		18.00	17.85
	802.11ax20-HE0	157	5785	MCS0	18.00	17.86
		165	5825		18.00	17.92
		149	5745		18.00	17.89
5.8GHz	802.11be20-EHT0	157	5785	MCS0	18.00	17.91
		165	5825		18.00	17.94
	802.11n40-HT0	151	5755	MCS0	18.00	17.87
	002.1111+0-1110	159	5795	NOOU	18.00	17.87
	802.11ax40-HE0	151	5755	MCS0	18.00	17.78
	002.110.40-1120	159	5795	NOOU	18.00	17.81
	802.11be40-EHT0	151	5755	MCS0	18.00	17.85
	002.110040-21110	159	5795	10000	18.00	17.81
	802.11ac80-VHT0	155	5775	MCS0	18.00	17.96
	802.11ax80-HE0	155	5775	MCS0	18.00	17.83
	802.11be80-EHT0	155	5775	MCS0	18.00	17.91

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			Aux			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		169	5845		18.00	17.98
	802.11a	173	5865	6Mbps	18.00	17.80
		177	5885		18.00	17.92
		169	5845		18.00	17.86
	802.11n20-HT0	173	5865	MCS0	18.00	17.94
		177	5885		18.00	17.86
		169	5845		18.00	17.84
	802.11ax20-HE0	173	5865	MCS0	18.00	17.84
		177	5885		18.00	17.87
		169	5845		18.00	17.86
	802.11be20-EHT0	173	5865	MCS0	18.00	17.93
5.9GHz		177	5885		18.00	17.89
5.90112	802.11n40-HT0	167	5835	MCS0	18.00	17.87
	802.11140-1110	175	5875	10030	18.00	17.88
	802.11ax40-HE0	167	5835	MCS0	18.00	17.82
	002.11ax40-11L0	175	5875	10030	18.00	17.84
	802.11be40-EHT0	167	5835	MCS0	18.00	17.88
	802.11be40-E1110	175	5875	10030	18.00	17.84
	802.11ac80-VHT0	171	5855	MCS0	18.00	17.89
	802.11ax80-HE0	171	5855	MCS0	18.00	17.85
	802.11be80-EHT0	171	5855	MCS0	18.00	17.92
	802.11ac160-VHT0	163	5815	MCS0	18.00	17.99
	802.11ax160-HE0	163	5815	MCS0	18.00	17.92
	802.11be160-EHT0	163	5815	MCS0	18.00	17.82

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В		N	Main			
		ľ				
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		1	2412		16.50	16.49
	802.11b	6	2437	1Mbps	16.50	16.48
		11	2462		16.50	16.46
		1	2412		16.50	16.35
	802.11g	6	2437	6Mbps	16.50	16.41
	_	11	2462		16.50	16.28
		1	2412		16.50	16.44
	802.11n20-HT0	6	2437	MCS0	16.50	16.33
		11	2462		16.50	16.41
		1	2412		16.50	16.44
	802.11ax20-HE0	6	2437	MCS0	16.50	16.42
2 45011-		11	2462		16.50	16.33
2.45GHz		1	2412		16.50	16.40
	802.11be20-EHT0	6	2437	MCS0	16.50	16.39
		11	2462		16.50	16.32
		3	2422		16.50	16.34
	802.11n40-HT0	6	2437	MCS0	16.50	16.42
		9	2452		16.50	16.39
		3	2422		16.50	16.35
	802.11ax40-HE0	6	2437	MCS0	16.50	16.26
		9	2452	1	16.50	16.35
		3	2422		16.50	16.30
	802.11be40-EHT0	6	2437	MCS0	16.50	16.32
		9	2452		16.50	16.30

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			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		36	5180		12.00	11.84
	000.44	40	5200		12.00	11.92
	802.11a	44	5220	6Mbps	12.00	11.92
		48	5240		12.00	11.91
		36	5180		12.00	11.89
		40	5200		12.00	11.95
	802.11n20-HT0	44	5220	MCS0	12.00	11.86
		48	5240		12.00	11.85
		36	5180		12.00	11.88
	802.11ax20-HE0	40	5200	MCS0	12.00	11.93
	802.11ax20-HEU	44	5220	IVICSU	12.00	11.92
		48	5240		12.00	11.82
		36	5180		12.00	11.86
		40	5200	MCS0	12.00	11.90
5.15-5.25 GHz	802.11be20-EHT0	44	5220	IVICSU	12.00	11.88
		48	5240		12.00	11.90
		38	5190	1000	12.00	11.79
	802.11n40-HT0	46	5230	MCS0	12.00	11.90
	000 44 40 1/50	38	5190	MOOO	12.00	11.88
	802.11ax40-HE0	46	5230	MCS0	12.00	11.87
		38	5190	MOOO	12.00	11.86
	802.11be40-EHT0	46	5230	MCS0	12.00	11.79
	802.11ac80-VHT0	42	5210	MCS0	12.00	11.95
	802.11ax80-HE0	42	5210	MCS0	12.00	11.80
	802.11be80-EHT0	42	5210	MCS0	12.00	11.95
	802.11ac160-VHT0	50	5250	MCS0	12.00	11.99
	802.11ax160-HE0	50	5250	MCS0	12.00	11.81
	802.11be160-EHT0	50	5250	MCS0	12.00	11.93

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			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		52	5260		12.00	11.88
	802.11a	56	5280	GMbpo	12.00	11.93
	002.11a	60	5300	6Mbps	12.00	11.90
		64	5320		12.00	11.91
		52	5260		12.00	11.95
	000 44m00 LITO	56	5280	MCCO	12.00	11.95
	802.11n20-HT0	60	5300	- MCS0	12.00	11.83
		64	5320		12.00	11.89
		52	5260		12.00	11.80
	802.11ax20-HE0	56	5280	MCS0	12.00	11.89
	002.11ax20-HEU	60	5300	IVIC SU	12.00	11.91
		64	5320		12.00	11.95
5.25-5.35 GHz		52	5260		12.00	11.80
	802.11be20-EHT0	56	5280	MCS0	12.00	11.91
	002.11De20-EH10	60	5300	IVICSU	12.00	11.87
		64	5320		12.00	11.82
	802.11n40-HT0	54	5270	MCS0	12.00	11.89
	002.11140-F110	62	5310	IVICSU	12.00	11.87
	802.11ax40-HE0	54	5270	MCS0	12.00	11.87
	002.11ax40-ne0	62	5310	IVICSU	12.00	11.83
	802.11be40-EHT0	54	5270	MCS0	12.00	11.76
	002.110e40-EH10	62	5310	IVICSU	12.00	11.78
	802.11ac80-VHT0	58	5290	MCS0	12.00	11.96
	802.11ax80-HE0	58	5290	MCS0	12.00	11.93
	802.11be80-EHT0	58	5290	MCS0	12.00	11.82

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			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		100	5500		9.50	9.33
	000 44	120	5600		9.50	9.33
	802.11a	140	5700	6Mbps	9.50	9.34
		144	5720		9.50	9.26
		100	5500		9.50	9.43
	802.11n20-HT0	120	5600	MCS0	9.50	9.43
	802.11120-H10	140	5700	IVIC SU	9.50	9.38
		144	5720		9.50	9.39
		100	5500]	9.50	9.43
	802.11ax20-HE0	120	5600	MCS0	9.50	9.36
	002.110,201120	140	5700	10000	9.50	9.35
		144	5720		9.50	9.38
		100	5500		9.50	9.28
	802.11be20-EHT0	120	5600	MCS0	9.50	9.26
		140	5700	NICCO	9.50	9.43
		144	5720		9.50	9.40
		102	5510		9.50	9.26
	802.11n40-HT0	118	5590	MCS0	9.50	9.27
	002.11140-1110	134	5670	10050	9.50	9.43
5.6GHz		142	5710		9.50	9.28
0.00112		102	5510		9.50	9.39
	802.11ax40-HE0	118	5590	MCS0	9.50	9.27
	002.1144-0-1120	134	5670	NICCO	9.50	9.41
		142	5710		9.50	9.25
		102	5510		9.50	9.29
	802.11be40-EHT0	118	5590	MCS0	9.50	9.43
		134	5670		9.50	9.29
		142	5710		9.50	9.38
		106	5530		9.50	9.45
	802.11ac80-VHT0	122	5610	MCS0	9.50	9.43
		138	5690		9.50	9.48
		106	5530		9.50	9.29
	802.11ax80-HE0	122	5610	MCS0	9.50	9.43
		138	5690		9.50	9.43
		106 5530		9.50	9.27	
	802.11be80-EHT0	122	5610	MCS0	9.50	9.26
		138	5690		9.50	9.31
	802.11ac160-VHT0	114	5570	MCS0	9.50	9.46
	802.11ax160-HE0	114	5570	MCS0	9.50	9.25
	802.11be160-EHT0	114	5570	MCS0	9.50	9.32

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			Main			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		149	5745		9.50	9.39
	802.11a	157	5785	6Mbps	9.50	9.33
		165	5825		9.50	9.28
		149	5745		9.50	9.27
	802.11n20-HT0	157	5785	MCS0	9.50	9.44
		165	5825		9.50	9.28
		149	5745		9.50	9.26
	802.11ax20-HE0	157	5785	MCS0	9.50	9.37
		165	5825		9.50	9.28
		149	5745		9.50	9.36
5.8GHz	802.11be20-EHT0	157	5785	MCS0	9.50	9.26
		165	5825		9.50	9.30
	802.11n40-HT0	151	5755	MCS0	9.50	9.40
	002.11140-1110	159	5795	10030	9.50	9.26
	802.11ax40-HE0	151	5755	MCS0	9.50	9.27
		159	5795	10000	9.50	9.25
	802.11be40-EHT0	151	5755	MCS0	9.50	9.34
		159	5795	10000	9.50	9.36
	802.11ac80-VHT0	155	5775	MCS0	9.50	9.48
	802.11ax80-HE0	155	5775	MCS0	9.50	9.33
	802.11be80-EHT0	155	5775	MCS0	9.50	9.42

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			Main			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		169	5845		9.50	9.48
	802.11a	173	5865	6Mbps	9.50	9.34
		177	5885		9.50	9.34
		169	5845		9.50	9.45
	802.11n20-HT0	173	5865	MCS0	9.50	9.39
		177	5885		9.50	9.39
		169	5845	MCS0	9.50	9.46
	802.11ax20-HE0	173	5865		9.50	9.43
		177	5885		9.50	9.40
		169	5845		9.50	9.41
	802.11be20-EHT0	173	5865	MCS0	9.50	9.29
5.9GHz		177	5885		9.50	9.34
5.90HZ	802.11n40-HT0	167	5835	MCS0	9.50	9.44
	802.11140-1110	175	5875	10030	9.50	9.28
	802.11ax40-HE0	167	5835	MCS0	9.50	9.43
	002.11ax40-11E0	175	5875	10030	9.50	9.42
	802.11be40-EHT0	167	5835	MCS0	9.50	9.39
	002.110e40-E1110	175	5875	10050	9.50	9.32
	802.11ac80-VHT0	171	5855	MCS0	9.50	9.42
	802.11ax80-HE0	171	5855	MCS0	9.50	9.36
	802.11be80-EHT0	171	5855	MCS0	9.50	9.42
	802.11ac160-VHT0	163	5815	MCS0	9.50	9.49
	802.11ax160-HE0	163	5815	MCS0	9.50	9.33
	802.11be160-EHT0	163	5815	MCS0	9.50	9.42

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			Aux	1		
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		1	2412		17.50	17.49
	802.11b	6	2437	1 Mbps	17.50	17.41
		11	2462		17.50	17.48
		1	2412		17.50	17.41
	802.11g	6	2437	6Mbps	17.50	17.45
		11	2462		17.50	17.36
		1	2412	MCS0	17.50	17.47
	802.11n20-HT0	6	2437		17.50	17.29
		11	2462		17.50	17.30
		1	2412		17.50	17.34
	802.11ax20-HE0	6	2437	MCS0	17.50	17.30
2.45GHz		11	2462		17.50	17.34
2.450112		1	2412		17.50	17.31
	802.11be20-EHT0	6	2437	MCS0	17.50	17.35
		11	2462		17.50	17.35
		3	2422		17.50	17.37
	802.11n40-HT0	6	2437	MCS0	17.50	17.41
		9	2452		17.50	17.32
		3	2422		17.50	17.38
	802.11ax40-HE0	6	2437	MCS0	17.50	17.33
		9	2452]	17.50	17.46
		3	2422		17.50	17.32
	802.11be40-EHT0	6	2437	MCS0	17.50	17.33
		9	2452		17.50	17.35

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			Δυχ			
			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		36	5180		15.00	14.91
	000 44 -	40	5200	Ch dia a c	15.00	14.81
	802.11a	44	5220	6Mbps	15.00	14.94
		48	5240		15.00	14.83
		36	5180		15.00	14.88
	802.11n20-HT0	40	5200	MCSO	15.00	14.94
	802.11h20-H10	44	5220	MCS0	15.00	14.79
		48	5240		15.00	14.88
		36	5180		15.00	14.87
	802.11ax20-HE0	40	5200	MCS0	15.00	14.81
	002.11ax20-HEU	44	5220	10030	15.00	14.91
		48	5240		15.00	14.80
		36	5180		15.00	14.93
5.15-5.25 GHz	802.11be20-EHT0	40	5200	MCS0	15.00	14.86
5.15-5.25 GHZ	002.11De20-EH10	44	5220	IVICSU	15.00	14.78
		48	5240		15.00	14.92
	802.11n40-HT0	38	5190	MCS0	15.00	14.84
	002.111140-F110	46	5230	10050	15.00	14.89
		38	5190	MCCO	15.00	14.92
	802.11ax40-HE0	46	5230	MCS0	15.00	14.82
		38	5190	MCSO	15.00	14.91
	802.11be40-EHT0	46	5230	MCS0	15.00	14.80
	802.11ac80-VHT0	42	5210	MCS0	15.00	14.96
	802.11ax80-HE0	42	5210	MCS0	15.00	14.90
	802.11be80-EHT0	42	5210	MCS0	15.00	14.89
	802.11ac160-VHT0	50	5250	MCS0	15.00	14.98
	802.11ax160-HE0	50	5250	MCS0	15.00	14.80
	802.11be160-EHT0	50	5250	MCS0	15.00	14.96

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	1		Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		52	5260		12.00	11.93
	802.11a	56	5280	GMbpo	12.00	11.83
	002.11a	60	5300	6Mbps	12.00	11.92
		64	5320		12.00	11.92
		52	5260		12.00	11.83
	802.11n20-HT0	56	5280	MCSO	12.00	11.89
	002.111120-F110	60	5300	MCS0	12.00	11.82
		64	5320		12.00	11.94
		52	5260	MCS0	12.00	11.93
	802.11ax20-HE0	56	5280		12.00	11.91
	002.11ax20-HEU	60	5300		12.00	11.95
		64	5320		12.00	11.89
5.25-5.35 GHz		52	5260		12.00	11.80
	802.11be20-EHT0	56	5280	MCS0	12.00	11.91
	002.11De20-EH10	60	5300	IVICSU	12.00	11.84
		64	5320		12.00	11.88
	802.11n40-HT0	54	5270	MCS0	12.00	11.79
	002.11140-F110	62	5310	IVICSU	12.00	11.92
	000 11 ov 10 LIE0	54	5270	MCCO	12.00	11.93
	802.11ax40-HE0	62	5310	MCS0	12.00	11.93
		54	5270	MCS0	12.00	11.82
	802.11be40-EHT0	62	5310	IVICSU	12.00	11.87
	802.11ac80-VHT0	58	5290	MCS0	12.00	11.96
	802.11ax80-HE0	58	5290	MCS0	12.00	11.87
	802.11be80-EHT0	58	5290	MCS0	12.00	11.88

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Aux									
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
		100	5500		11.50	11.43			
	000 11 -	120	5600	CN/hana	11.50	11.28			
	802.11a	140	5700	6Mbps	11.50	11.30			
		144	5720		11.50	11.37			
		100	5500		11.50	11.34			
	802.11n20-HT0	120	5600	MCS0	11.50	11.26			
	002.111201110	140	5700		11.50	11.40			
		144	5720		11.50	11.39			
		100	5500	_	11.50	11.35			
	802.11ax20-HE0	120	5600	MCS0	11.50	11.45			
		140	5700	_	11.50	11.44			
		144	5720		11.50	11.34			
		100	5500	_	11.50	11.43			
	802.11be20-EHT0	120	5600	MCS0	11.50	11.36			
		140	5700	-	11.50	11.28			
		144	5720		11.50	11.42			
		102	5510	-	11.50	11.37			
	802.11n40-HT0	118	5590	MCS0	11.50	11.27			
		134 142	5670 5710	-	<u>11.50</u> 11.50	11.26 11.32			
5.6GHz		142	5510		11.50	11.39			
		102	5590		11.50	11.39			
	802.11ax40-HE0	134	5670	MCS0	11.50	11.42			
		142	5710	-	11.50	11.35			
		102	5510		11.50	11.33			
		118	5590		11.50	11.38			
	802.11be40-EHT0	134	5670	MCS0	11.50	11.31			
		142	5710	1	11.50	11.35			
		106	5530		11.50	11.49			
	802.11ac80-VHT0	122	5610	MCS0	11.50	11.47			
		138	5690	1	11.50	11.44			
		106	5530		11.50	11.34			
	802.11ax80-HE0	122	5610	MCS0	11.50	11.30			
		138	5690		11.50	11.32			
		106	5530		11.50	11.41			
	802.11be80-EHT0	122	5610	MCS0	11.50	11.33			
		138	5690		11.50	11.40			
	802.11ac160-VHT0	114	5570	MCS0	11.50	11.49			
	802.11ax160-HE0	114	5570	MCS0	11.50	11.41			
	802.11be160-EHT0	114	5570	MCS0	11.50	11.35			

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			Aux			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		149	5745		10.50	10.45
	802.11a	157	5785	6Mbps	10.50	10.46
		165	5825		10.50	10.42
		149	5745		10.50	10.32
	802.11n20-HT0	157	5785	MCS0	10.50	10.46
		165	5825		10.50	10.39
		149	5745	MCS0	10.50	10.43
	802.11ax20-HE0	157	5785		10.50	10.34
		165	5825		10.50	10.39
		149	5745		10.50	10.29
5.8GHz	802.11be20-EHT0	157	5785	MCS0	10.50	10.37
		165	5825		10.50	10.32
	802.11n40-HT0	151	5755	MCS0	10.50	10.46
	002.1111401110	159	5795	NOOD	10.50	10.34
	802.11ax40-HE0	151	5755	MCS0	10.50	10.31
		159	5795	10000	10.50	10.40
	802.11be40-EHT0	151	5755	MCS0	10.50	10.44
		159	5795		10.50	10.30
	802.11ac80-VHT0	155	5775	MCS0	10.50	10.49
	802.11ax80-HE0	155	5775	MCS0	10.50	10.47
	802.11be80-EHT0	155	5775	MCS0	10.50	10.30

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			Aux	-		
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		169	5845		10.00	9.84
	802.11a	173	5865	6Mbps	10.00	9.94
		177	5885		10.00	9.78
		169	5845		10.00	9.78
	802.11n20-HT0	173	5865	MCS0	10.00	9.79
		177	5885		10.00	9.85
		169	5845	MCS0	10.00	9.93
	802.11ax20-HE0	173	5865		10.00	9.93
		177	5885		10.00	9.84
		169	5845		10.00	9.81
	802.11be20-EHT0	173	5865	MCS0	10.00	9.95
5.9GHz		177	5885		10.00	9.80
5.56112	802.11n40-HT0	167	5835	MCS0	10.00	9.91
	002.111140-1110	175	5875	10030	10.00	9.92
	802.11ax40-HE0	167	5835	MCS0	10.00	9.90
		175	5875	NOOU	10.00	9.78
	802.11be40-EHT0	167	5835	MCS0	10.00	9.79
	002.11be+0-E1110	175	5875	NOOU	10.00	9.84
	802.11ac80-VHT0	171	5855	MCS0	10.00	9.95
	802.11ax80-HE0	171	5855	MCS0	10.00	9.79
	802.11be80-EHT0	171	5855	MCS0	10.00	9.83
	802.11ac160-VHT0	163	5815	MCS0	10.00	9.98
	802.11ax160-HE0	163	5815	MCS0	10.00	9.82
	802.11be160-EHT0	163	5815	MCS0	10.00	9.89

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	_	-	Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		1	5955		13.50	13.32
	802.11ax20-HE0	45	6175	MCS0	13.50	13.39
		93	6415		13.50	13.40
		1	5955		13.50	13.26
	802.11be20-EHT0	45	6175	MCS0	13.50	13.22
		93	6415		13.50	13.26
		3	5965		13.50	13.30
	802.11ax40-HE0	43	6165	MCS0	13.50	13.34
		91	6405		13.50	13.30
		3	5965		13.50	13.41
	802.11be40-EHT0	43	6165	MCS0	13.50	13.40
		91	6405		13.50	13.24
U-NII-5		7	5985		13.50	13.41
6.2GHz	802.11ax80-HE0	39	6145	MCS0	13.50	13.24
		87	6385		13.50	13.37
		7	5985		13.50	13.36
	802.11be80-EHT0	39	6145	MCS0	13.50	13.23
		87	6385		13.50	13.24
		15	6025		13.50	13.42
	802.11ax160-HE0	47	6185	MCS0	13.50	13.30
		79	6345		13.50	13.27
		15	6025		13.50	13.39
	802.11be160-EHT0	47	6185	MCS0	13.50	13.32
		79	6345		13.50	13.26
ŀ	802.11be320-EHT0	31	6105	MCS0	13.50	13.41
		63	6265	10000	13.50	13.48

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			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		97	6435		5.50	5.36
	802.11ax20-HE0	105	6475	MCS0	5.50	5.33
		113	6515]	5.50	5.45
	802.11be20-EHT0	97	6435	MCS0	5.50	5.38
		105	6475		5.50	5.42
		113	6515		5.50	5.39
		99	6445	MCS0	8.50	8.34
U-NII-6	802.11ax40-HE0	107	6485	10030	8.75	8.62
6.5GHz	802.11be40-EHT0	99	6445	MCS0	8.50	8.36
	002.11De40-EITTU	107	6485	10030	8.75	8.57
		103	6465	MCS0	11.75	11.61
	802.11ax80-HE0	119	6545	101030	12.00	11.80
		103	6465	MCS0	11.75	11.67
	802.11be80-EHT0	119	6545		12.00	11.84
	802.11ax160-HE0	111	6505	MCS0	13.50	13.43
	802.11be160-EHT0	111	6505	MCS0	13.50	13.38

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			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		117	6535		13.50	13.27
	802.11ax20-HE0	149	6695	MCS0	13.50	13.23
		181	6855		13.50	13.37
		117	6535		13.50	13.23
	802.11be20-EHT0	149	6695	MCS0	13.50	13.29
		181	6855		13.50	13.32
		115	6525		13.50	13.38
	802.11ax40-HE0	147	6685	MCS0	13.50	13.39
		179	6845		13.50	13.24
		115	6525	MCS0	13.50	13.35
	802.11be40-EHT0	147	6685		13.50	13.37
U-NII-7		179	6845		13.50	13.21
6.7GHz		135	6625		13.50	13.21
	802.11ax80-HE0	151	6705	MCS0	13.50	13.23
		167	6785		13.50	13.21
		135	6625		13.50	13.28
	802.11be80-EHT0	151	6705	MCS0	13.50	13.33
		167	6785		13.50	13.28
	802.11ax160-HE0	143	6665	MCS0	13.50	13.23
		175	6825	10000	13.50	13.29
	802.11be160-EHT0	143	6665	MCS0	13.50	13.31
		175	6825	10030	13.50	13.29
	802.11be320-EHT0	127	6585	MCS0	13.50	13.41
		159	6745	10030	13.50	13.45

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			Main			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		185	6875		5.50	5.45
	802.11ax20-HE0	209	6995	MCS0	5.75	5.62
		233	7115		1.25	1.12
		185	6875		5.50	5.27
	802.11be20-EHT0	209	6995	MCS0	5.75	5.68
		233	7115		1.25	1.18
	802.11ax40-HE0	187	6885	MCS0	8.75	8.67
	002.118X40-HEU	227	7085	10030	8.75	8.56
U-NII-8	802.11be40-EHT0	187	6885	MCS0	8.75	8.67
7.0GHz	002.110640-L1110	227	7085	10030	8.75	8.55
7.000		183	6865		11.75	11.60
	802.11ax80-HE0	199	6945	MCS0	11.75	11.64
		215	7025		12.00	11.80
		183	6865		11.75	11.56
	802.11be80-EHT0	199	6945	MCS0	11.75	11.63
		215	7025		12.00	11.94
	802.11ax160-HE0	207	6985	MCS0	13.50	13.41
-	802.11be160-EHT0	207	6985	MCS0	13.50	13.41
	802.11be320-EHT0	191	6905	MCS0	13.50	13.44

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			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		1	5955		14.00	13.78
	802.11ax20-HE0	45	6175	MCS0	14.00	13.82
		93	6415		14.00	13.94
		1	5955		14.00	13.89
	802.11be20-EHT0	45	6175	MCS0	14.00	13.81
		93	6415		14.00	13.92
		3	5965		14.00	13.84
	802.11ax40-HE0	43	6165	MCS0	14.00	13.94
		91	6405		14.00	13.82
		3	5965		14.00	13.77
	802.11be40-EHT0	43	6165	MCS0	14.00	13.80
		91	6405		14.00	13.89
U-NII-5		7	5985		14.00	13.75
6.2GHz	802.11ax80-HE0	39	6145	MCS0	14.00	13.93
		87	6385		14.00	13.75
		7	5985		14.00	13.92
	802.11be80-EHT0	39	6145	MCS0	14.00	13.94
		87	6385		14.00	13.78
		15	6025		14.00	13.92
	802.11ax160-HE0	47	6185	MCS0	14.00	13.76
		79	6345		14.00	13.80
		15	6025		14.00	13.82
	802.11be160-EHT0	47	6185	MCS0	14.00	13.89
		79	6345		14.00	13.85
	802.11be320-EHT0	31	6105	MCS0	14.00	13.99
		63	6265	NOCCO	14.00	13.98

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			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		97	6435		5.50	5.43
	802.11ax20-HE0	105	6475	MCS0	5.50	5.48
		113	6515		5.50	5.45
	802.11be20-EHT0	97	6435	MCS0	5.50	5.36
		105	6475		5.50	5.32
		113	6515		5.50	5.31
	802.11ax40-HE0	99	6445	MCS0	8.50	8.37
U-NII-6	002.11aX40-HEU	107	6485	10030	8.50	8.40
6.5GHz	802.11be40-EHT0	99	6445	MCS0	8.50	8.41
	002.11De40-EI110	107	6485	10030	8.50	8.36
	802.11ax80-HE0	103	6465	MCS0	11.75	11.63
		119	6545	IVIC SU	11.75	11.73
		103	6465	MCS0	11.75	11.57
	802.11be80-EHT0	119	6545		11.75	11.53
	802.11ax160-HE0	111	6505	MCS0	14.00	13.93
	802.11be160-EHT0	111	6505	MCS0	14.00	13.88

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			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		117	6535		14.00	13.86
	802.11ax20-HE0	149	6695	MCS0	14.00	13.90
		181	6855		14.00	13.88
		117	6535		14.00	13.78
	802.11be20-EHT0	149	6695	MCS0	14.00	13.94
		181	6855		14.00	13.85
		115	6525		14.00	13.87
	802.11ax40-HE0	147	6685	MCS0	14.00	13.83
		179	6845		14.00	13.95
		115	6525	MCSO	14.00	13.85
	802.11be40-EHT0	147	6685		14.00	13.96
U-NII-7		179	6845		14.00	13.84
6.7GHz		135	6625		14.00	13.82
	802.11ax80-HE0	151	6705	MCS0	14.00	13.92
		167	6785		14.00	13.81
		135	6625		14.00	13.96
	802.11be80-EHT0	151	6705	MCS0	14.00	13.83
		167	6785		14.00	13.97
	802.11ax160-HE0	143	6665	MCS0	14.00	13.86
		175	6825	10050	14.00	13.80
	802.11be160-EHT0	143	6665	MCS0	14.00	13.84
		175	6825	10030	14.00	13.91
	802.11be320-EHT0	127	6585	MCS0	14.00	13.99
	002.11DE320-LHIU	159	6745	10030	14.00	13.96

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			Aux			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		185	6875		5.75	5.67
	802.11ax20-HE0	209	6995	MCS0	5.75	5.63
		233	7115		1.00	0.81
		185	6875		5.75	5.59
	802.11be20-EHT0	209	6995	MCS0	5.75	5.70
		233	7115		1.00	0.80
	802.11ax40-HE0	187	6885	MCS0	11.50	11.47
	002.11ax40-ne0	227	7085	10030	12.00	11.98
U-NII-8	802.11be40-EHT0	187	6885	MCS0	11.50	11.29
7.0GHz	002.110e40-EH10	227	7085	10030	12.00	11.84
7.000		183	6865		11.50	11.33
	802.11ax80-HE0	199	6945	MCS0	12.00	11.78
		215	7025		12.00	11.84
		183	6865		11.50	11.31
	802.11be80-EHT0	199	6945	MCS0	12.00	11.98
		215	7025		12.00	11.87
	802.11ax160-HE0	207	6985	MCS0	14.00	13.87
F	802.11be160-EHT0	207	6985	MCS0	14.00	13.93
	802.11be320-EHT0	191	6905	MCS0	14.00	13.99

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ТΒ Main Max. Rated Avg. Average Frequency Band Mode Channel Data Rate Power + Max. power (MHz) Tolerance (dBm) (dBm) 1 5955 10.00 9.90 802.11ax20-HE0 45 MCS0 6175 10.00 9.85 93 6415 10.00 9.90 1 5955 10.00 9.89 802.11be20-EHT0 45 6175 MCS0 10.00 9.77 93 6415 10.00 9.89 3 5965 10.00 9.84 802.11ax40-HE0 43 6165 MCS0 10.00 9.86 91 6405 10.00 9.80 10.00 5965 9.84 3 802.11be40-EHT0 43 6165 MCS0 10.00 9.82 91 6405 10.00 9.94 U-NII-5 7 5985 10.00 9.94 6.2GHz 802.11ax80-HE0 39 6145 MCS0 10.00 9.81 87 6385 10.00 9.95 7 5985 10.00 9.89 802.11be80-EHT0 39 6145 MCS0 10.00 9.89 87 6385 10.00 9.82 15 6025 10.00 9.87 802.11ax160-HE0 47 MCS0 6185 10.00 9.94 79 6345 10.00 9.79 15 6025 10.00 9.84 802.11be160-EHT0 47 6185 MCS0 10.00 9.87 79 6345 10.00 9.91 10.00 31 6105 9.92 802.11be320-EHT0 MCS0 63 6265 10.00 9.99

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	l		Main			
Band	and Mode		Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		97	6435		5.50	5.42
	802.11ax20-HE0	105	6475	MCS0	5.50	5.41
		113	6515		5.50	5.41
		97	6435	MCS0 MCS0	5.50	5.36
	802.11be20-EHT0	105	6475		5.50	5.46
		113	6515		5.50	5.32
		99	6445		8.50	8.46
U-NII-6	802.11ax40-HE0	107	6485	10030	8.75	8.66
6.5GHz	802.11be40-EHT0	99	6445	MCS0	8.50	8.29
	002.11DE40-EITTU	107	6485	10030	8.75	8.68
		103	6465	MCS0	10.00	9.88
	802.11ax80-HE0	119	6545	10030	10.00	9.92
		103	6465	MCS0	10.00	9.91
	802.11be80-EHT0	119	6545	10030	10.00	9.92
	802.11ax160-HE0	111	6505	MCS0	10.00	9.93
	802.11be160-EHT0	111	6505	MCS0	10.00	9.89

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			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		117	6535		10.00	9.81
	802.11ax20-HE0	149	6695	MCS0	10.00	9.79
		181	6855		10.00	9.90
		117	6535		10.00	9.91
	802.11be20-EHT0	149	6695	MCS0	10.00	9.94
		181	6855		10.00	9.87
	802.11ax40-HE0	115	6525	MCS0	10.00	9.89
		147	6685		10.00	9.78
		179	6845		10.00	9.97
		115	6525	MCS0	10.00	9.83
	802.11be40-EHT0	147	6685		10.00	9.85
U-NII-7		179	6845		10.00	9.84
6.7GHz		135	6625		10.00	9.79
	802.11ax80-HE0	151	6705	MCS0	10.00	9.94
		167	6785		10.00	9.84
		135	6625		10.00	9.93
	802.11be80-EHT0	151	6705	MCS0	10.00	9.77
		167	6785		10.00	9.86
	802.11ax160-HE0	143	6665	MCS0	10.00	9.95
		175	6825	10050	10.00	9.80
	802.11be160-EHT0	143	6665	MCS0	10.00	9.82
		175	6825	10030	10.00	9.92
	802.11be320-EHT0	127	6585	MCS0	10.00	9.98
	002.1106020-21110	159	6745	10000	10.00	9.99

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	•		Main			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		185	6875		5.50	5.28
	802.11ax20-HE0	209	6995	MCS0	5.75	5.53
		233	7115		1.25	1.18
		185	6875		5.50	5.39
	802.11be20-EHT0	209	6995	MCS0	5.75	5.65
		233	7115		1.25	1.21
	802.11ax40-HE0	187	6885	MCS0	8.75	8.66
	002.11ax40-ne0	227	7085	10030	8.75	8.65
U-NII-8	802.11be40-EHT0	187	6885	MCS0	8.75	8.61
7.0GHz	002.110e40-EH10	227	7085	10030	8.75	8.67
7.00Hz		183	6865		10.00	9.79
	802.11ax80-HE0	199	6945	MCS0	10.00	9.91
		215	7025		10.00	9.92
		183	6865		10.00	9.94
	802.11be80-EHT0	199	6945	MCS0	10.00	9.93
		215	7025		10.00	9.86
	802.11ax160-HE0	207	6985	MCS0	10.00	9.97
	802.11be160-EHT0	207	6985	MCS0	10.00	9.88
	802.11be320-EHT0	191	6905	MCS0	10.00	9.98

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			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		1	5955		8.50	8.36
	802.11ax20-HE0	45	6175	MCS0	8.50	8.41
		93	6415		8.50	8.33
		1	5955		8.50	8.40
	802.11be20-EHT0	45	6175	MCS0	8.50	8.38
		93	6415		8.50	8.40
		3	5965		8.50	8.31
	802.11ax40-HE0	43	6165	MCS0	8.50	8.40
		91	6405		8.50	8.30
		3	5965	MCS0	8.50	8.33
	802.11be40-EHT0	43	6165		8.50	8.28
		91	6405		8.50	8.35
U-NII-5		7	5985		8.50	8.28
6.2GHz	802.11ax80-HE0	39	6145	MCS0	8.50	8.41
		87	6385		8.50	8.32
		7	5985		8.50	8.34
	802.11be80-EHT0	39	6145	MCS0	8.50	8.31
		87	6385		8.50	8.35
		15	6025		8.50	8.28
	802.11ax160-HE0	47	6185	MCS0	8.50	8.33
		79	6345		8.50	8.44
		15	6025		8.50	8.46
	802.11be160-EHT0	47	6185	MCS0	8.50	8.43
		79	6345		8.50	8.37
	802.11be320-EHT0	31	6105	MCS0	8.50	8.49
	002.1106320-L1110	63	6265	IVIC SU	8.50	8.48

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			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		97	6435		5.50	5.45
	802.11ax20-HE0	105	6475	MCS0	5.50	5.40
		113	6515		5.50	5.45
		97	6435	MCSO	5.50	5.36
	802.11be20-EHT0	105	6475		5.50	5.38
		113	6515		5.50	5.30
		99	6445	MCS0	8.50	8.40
U-NII-6	802.11ax40-HE0	107	6485	10030	8.50	8.38
6.5GHz	802.11be40-EHT0	99	6445	MCS0	8.50	8.39
	002.11D040-E1110	107	6485	10030	8.50	8.35
		103	6465	MCS0	8.50	8.46
	802.11ax80-HE0	119	6545	IVICSU	8.50	8.44
		103	6465	MCS0	8.50	8.37
	802.11be80-EHT0	119	6545	10030	8.50	8.28
	802.11ax160-HE0	111	6505	MCS0	8.50	8.49
	802.11be160-EHT0	111	6505	MCS0	8.50	8.41

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			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		117	6535		8.50	8.34
	802.11ax20-HE0	149	6695	MCS0	8.50	8.27
		181	6855		8.50	8.36
		117	6535		8.50	8.27
	802.11be20-EHT0	149	6695	MCS0	8.50	8.29
		181	6855		8.50	8.40
	802.11ax40-HE0	115	6525	MCS0	8.50	8.22
		147	6685		8.50	8.28
		179	6845		8.50	8.30
		115	6525	MCS0	8.50	8.24
	802.11be40-EHT0	147	6685		8.50	8.33
U-NII-7		179	6845		8.50	8.37
6.7GHz		135	6625		8.50	8.28
	802.11ax80-HE0	151	6705	MCS0	8.50	8.36
		167	6785		8.50	8.37
		135	6625		8.50	8.21
	802.11be80-EHT0	151	6705	MCS0	8.50	8.21
		167	6785		8.50	8.34
	802.11ax160-HE0	143	6665	MCS0	8.50	8.30
		175	6825	10000	8.50	8.35
	802.11be160-EHT0	143	6665	MCS0	8.50	8.39
		175	6825	10000	8.50	8.28
	802.11be320-EHT0	127	6585	MCS0	8.50	8.48
		159	6745	IVIC SU	8.50	8.49

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			Aux			
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		185	6875		5.75	5.56
	802.11ax20-HE0	209	6995	MCS0	5.75	5.53
		233	7115		1.00	0.67
		185	6875		5.75	5.55
	802.11be20-EHT0	209	6995	MCS0	5.75	5.50
		233	7115		1.00	0.73
	802.11ax40-HE0	187	6885	MCS0	8.50	8.28
	002.11ax40-ne0	227	7085	10030	8.50	8.21
U-NII-8	802.11be40-EHT0	187	6885	MCS0	8.50	8.33
7.0GHz	002.110e40-EH10	227	7085	10030	8.50	8.29
7.000		183	6865		8.50	8.26
	802.11ax80-HE0	199	6945	MCS0	8.50	8.21
		215	7025		8.50	8.26
		183	6865		8.50	8.29
	802.11be80-EHT0	199	6945	MCS0	8.50	8.32
		215	7025		8.50	8.16
	802.11ax160-HE0	207	6985	MCS0	8.50	8.18
	802.11be160-EHT0	207	6985	MCS0	8.50	8.33
	802.11be320-EHT0	191	6905	MCS0	8.50	8.43

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6.3 Bluetooth

NB

			1 Mbps		2Mbps		3Mbps	
Mode	Channel	Frequency (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
	CH 00	2402	15.25	14.78	14.00	13.99	14.25	13.98
BR/EDR	CH 39	2441	14.50	14.42	14.25	14.09	14.50	14.09
	CH 78	2480	14.50	14.48	14.25	14.21	14.50	14.34

TB

			1Mbps		2Mbps		3Mbps	
Mode	Channel	Frequency (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
	CH 00	2402	13.00	12.91	13.00	12.41	13.00	12.42
BR/EDR	CH 39	2441	13.00	12.85	13.00	12.34	13.00	12.29
	CH 78	2480	13.00	12.88	13.00	12.36	13.00	12.31

BLE 6.4

NB

Mode	Channel	Frequency	GFSK	
Mode	Channer	(MHz)	Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
	CH 00	2402		14.12
BLE_1M	CH 19	2440	14.5	14.24
	CH 39	2480		14.11

TB

Mode	Chappel	Frequency	(GFSK		
Mode	Channel (MHz)		Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)		
	CH 00	2402		12.92		
BLE_1M	CH 19	2440	13	12.99		
	CH 39	2480		12.88		

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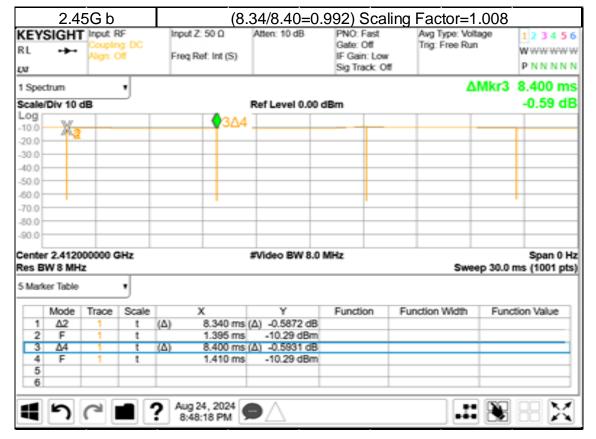
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DUTY CYCLE 7



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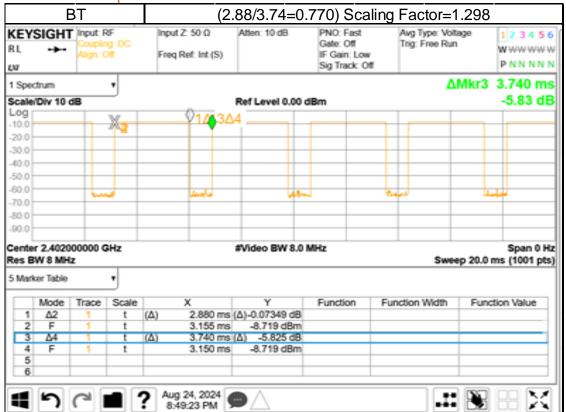
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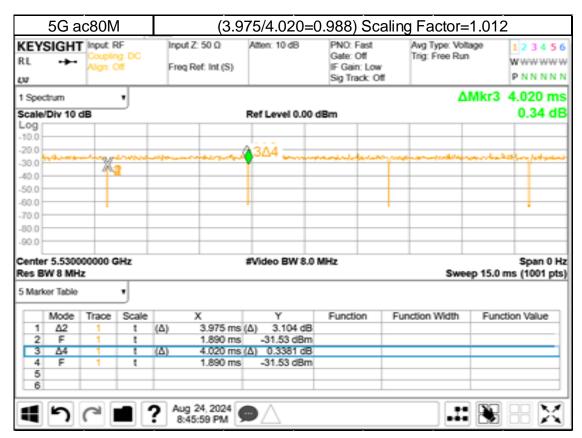
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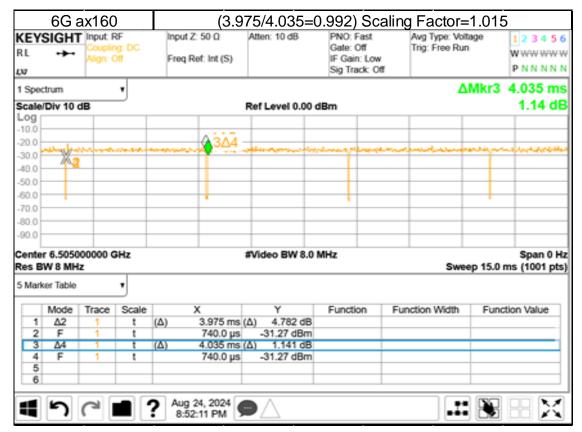
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6G be	320N	1		(3.	99	/4.05=0	.992)	Scali	ng Factor=	I.015	
KEYSIGHT RL +→-	Couple Align: C	ng: DC		ut Z: 50 D q Ref: Int (S)	At	len: 10 dB	Gate IF Ga	Fast Off in: Low rack: Off	Avg Type: Volt Trig: Free Run		123456 WWWWWW PNNNNN
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Center 6.4250 Res BW 8 MH		BHz			#V	ideo BW 8.0	MHz		Swee	p 15.0	Span 0 Hz ms (1001 pts)
5 Marker Table		•									
Mode	Trace	Scale		х		Y	Fund	tion	Function Width	Fund	tion Value
1 Δ2 2 F	1	t .	(Δ)	3.990 ms							
2 F 3 Δ4	1		(Δ)	945.0 µs 4.050 ms		-34.19 dBm 0.6085 dB					
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SUMMARY OF RESULTS 8

8.1 **Decision rules**

Reported measurement data comply with Test Methodology in section 1.1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

8.2 Summary of SAR Results

WLAN NB

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11b	Main	Bottom Surface	0	1	2412	21.25	21.19	1.01	101.39%	0.441	0.451	-
WLAN 802.11b	Main	Bottom Surface	0	6	2437	22.75	22.74	1.01	100.23%	0.451	0.456	001
WLAN 802.11b	Main	Bottom Surface	0	11	2437	22.75	22.74	1.01	100.23%	0.433	0.430	001
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling	Averaged SAR	over 1g (W/kg)	ID
						Tolerance (dBm)	(dBm)			Measured	Reported	
WLAN 802.11ac(80M) 5.2G	Main	Bottom Surface	0	42	5210	19.00	18.99	1.01	100.23%	0.194	0.197	002
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.3G	Main	Bottom Surface	0	58	5290	19.00	18.99	1.01	100.23%	0.250	0.254	003
WEAR 802.1180(80W) 5.36	Wall	Boltom Sunace		36	5290	19.00	10.99	1.01	100.2376	0.250	0.234	003
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.6G	Main	Bottom Surface	0	106	5530	19.00	18.93	1.01	101.62%	0.208	0.214	
WLAN 802.11ac(80M) 5.6G	Main	Bottom Surface	0	122	5610	19.00	18.92	1.01	101.86%	0.215	0.222	-
WLAN 802.11ac(80M) 5.6G	Main	Bottom Surface	0	138	5690	19.00	18.95	1.01	101.16%	0.233	0.239	004
. ,												
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.8G	Main	Bottom Surface	0	155	5775	19.00	18.92	1.01	101.86%	0.196	0.202	005
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(160M) 5.9G	Main	Bottom Surface	0	163	5815	19.00	18.99	1.02	100.23%	0.192	0.195	006
			-									
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11b	Aux	Bottom Surface	0	1	2412	22.00	21.99	1.01	100.23%	0.276	0.279	
WLAN 802.11b	Aux	Bottom Surface	0	6	2437	22.75	22.74	1.01	100.23%	0.316	0.319	007
WLAN 802.11b	Aux	Bottom Surface	0	11	2462	22.00	21.98	1.01	100.46%	0.263	0.266	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
Bluetooth(GFSK)	Aux	Bottom Surface	0	00	2402	15.25	14.78	1.30	111.43%	0.061	0.088	008
Bluetooth(GFSK)	Aux	Bottom Surface	0	39	2441	15.25	14.42	1.30	121.06%	0.055	0.086	
Bluetooth(GFSK)	Aux	Bottom Surface	0	78	2480	15.25	14.48	1.30	119.40%	0.049	0.076	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(160M) 5.2G	Aux	Bottom Surface	0	50	5250	18.00	17.99	1.02	100.23%	0.495	0.504	009
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.3G	Aux	Bottom Surface	0	58	5290	18.00	17.99	1.01	100.23%	0.600	0.609	010
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.6G	Aux	Bottom Surface	0	106	5530	18.00	17.98	1.01	100.46%	0.755	0.768	
WLAN 802.11ac(80M) 5.6G	Aux	Bottom Surface	0	122	5610	18.00	17.92	1.01	101.86%	0.746	0.769	-
WLAN 802.11ac(80M) 5.6G	Aux	Bottom Surface	0	138	5690	18.00	17.99	1.01	100.23%	0.767	0.778	011
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.8G	Aux	Bottom Surface	0	155	5775	18.00	17.96	1.01	100.93%	0.782	0.799	012
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(160M) 5.9G			1	1	1			1.00		1		040
WEAN 602.11ac(160W) 5.9G	Aux	Bottom Surface	0	163	5815	18.00	17.99	1.02	100.23%	0.723	0.736	013

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11b	Main	Back Surface	0	1	2412	16.50	16.49	1.01	100.23%	0.865	0.874	014
WLAN 802.11b	Main	Back Surface	0	6	2437	16.50	16.48	1.01	100.46%	0.822	0.832	-
WLAN 802.11b	Main	Back Surface	0	11	2462	16.50	16.46	1.01	100.93%	0.811	0.825	
WLAN 802.11b	Main	Top Edge	0	1	2412	16.50	16.49	1.01	100.23%	0.116	0.117	
WLAN 802.11b	Main	Bottom Edge	0	1	2412	16.50	16.49	1.01	100.23%	0.001	0.001	
WLAN 802.11b	Main	Right Edge	0	1	2412	16.50	16.49	1.01	100.23%	0.005	0.005	
WLAN 802.11b	Main	Left Edge	0	1	2412	16.50	16.49	1.01	100.23%	0.233	0.235	-
WLAN 802.11b	Main	Back Surface	0	1	2412	16.50	16.49	1.01	100.23%	0.844	0.853	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling		over 1g (W/kg) Reported	ID
WLAN 802.11ac(160M) 5.2G	Main	Back Surface	0	50	5250	12.00	11.99	1.02	100.23%	1.160	1.180	015
WLAN 802.11ac(160M) 5.2G	Main	Top Edge	0	50	5250	12.00	11.99	1.02	100.23%	0.055	0.056	-
WLAN 802.11ac(160M) 5.2G	Main	Bottom Edge	0	50	5250	12.00	11.99	1.02	100.23%	0.002	0.002	-
WLAN 802.11ac(160M) 5.2G	Main	Right Edge	0	50	5250	12.00	11.99	1.02	100.23%	0.002	0.002	-
WLAN 802.11ac(160M) 5.2G	Main	Left Edge	0	50	5250	12.00	11.99	1.02	100.23%	0.138	0.140	
WLAN 802.11ac(160M) 5.2G	Main	Back Surface	0	50	5250	12.00	11.99	1.00	100.23%	1.120	1.123	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.3G	Main	Back Surface	0	58	5290	12.00	11.96	1.01	100.93%	1.160	1.185	016
WLAN 802.11ac(80M) 5.3G	Main	Top Edge	0	58	5290	12.00	11.96	1.01	100.93%	0.072	0.074	-
WLAN 802.11ac(80M) 5.3G	Main	Bottom Edge	0	58	5290	12.00	11.96	1.01	100.93%	0.001	0.001	-
WLAN 802.11ac(80M) 5.3G	Main	Right Edge	0	58	5290	12.00	11.96	1.01	100.93%	0.002	0.002	-
WLAN 802.11ac(80M) 5.3G	Main	Left Edge	0	58	5290	12.00	11.96	1.01	100.93%	0.125	0.128	-
WLAN 802,11ac(80M) 5.3G	Main	Back Surface	0	58	5290	12.00	11.96	1.00	100.93%	1.130	1.140	-
Band		Position	Distance	Channel	Freq.	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power	Averaged SAR	over 1g (W/kg)	ID
Dana	Antenna	Position	(mm)		(MHz)		(dBm)	Scanny	scaling	Measured	Reported	
			. ,		· · /	Tolerance (dBm)	(dBm) 9.45	ů	-	Measured 0.921	Reported 0.943	-
WLAN 802.11ac(80M) 5.6G	Main	Back Surface	0	106	5530	Tolerance (dBm) 9.50	9.45	1.01	101.16%	0.921	0.943	-
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Main Main	Back Surface Back Surface	0	106 122	5530 5610	Tolerance (dBm) 9.50 9.50	9.45 9.43	1.01 1.01	101.16% 101.62%	0.921 0.884	0.943	-
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Main Main Main	Back Surface Back Surface Back Surface	0 0 0	106 122 138	5530 5610 5690	Tolerance (dBm) 9.50 9.50 9.50	9.45 9.43 9.48	1.01 1.01 1.01	101.16% 101.62% 100.46%	0.921 0.884 0.967	0.943 0.909 0.983	- 017
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Main Main Main Main	Back Surface Back Surface Back Surface Top Edge	0 0 0 0	106 122 138 138	5530 5610 5690 5690	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50	9.45 9.43 9.48 9.48	1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46%	0.921 0.884 0.967 0.066	0.943 0.909 0.983 0.067	- 017 -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge	0 0 0 0 0	106 122 138 138 138	5530 5610 5690 5690 5690	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001	0.943 0.909 0.983 0.067 0.001	- 017
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Main Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Right Edge	0 0 0 0 0 0 0	106 122 138 138 138 138 138	5530 5610 5690 5690 5690 5690	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.001	0.943 0.909 0.983 0.067 0.001 0.001	- 017 - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Main Main Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Right Edge Left Edge	0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138	5530 5610 5690 5690 5690 5690 5690	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.001 0.001 0.115	0.943 0.909 0.983 0.067 0.001 0.001 0.001 0.117	- 017 -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Main Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Right Edge	0 0 0 0 0 0 0	106 122 138 138 138 138 138	5530 5610 5690 5690 5690 5690	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.001 0.115 0.922	0.943 0.909 0.983 0.067 0.001 0.001	- 017 - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Main Main Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Right Edge Left Edge Back Surface	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138	5530 5610 5690 5690 5690 5690 5690 5690 5690 Freq.	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% Power	0.921 0.884 0.967 0.066 0.001 0.001 0.115 0.922 Averaged SAR	0.943 0.909 0.983 0.067 0.001 0.001 0.117 0.937 over 1g (W/kg)	- 017 - - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G Band	Main Main Main Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Right Edge Left Edge Back Surface Position	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 138 Channel	5530 5610 5690 5690 5690 5690 5690 5690 5690 Freq. (MHz)	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 0.50 Max. Rated Avg Power + Max Tolerance (dBm)	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 Measured Avg. Power (dBm)	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% Power scaling	0.921 0.884 0.967 0.066 0.001 0.001 0.115 0.922 Averaged SAR Measured	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported	- 017 - - - - - ID
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G Band WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Main Antenna Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Right Edge Left Edge Back Surface Position Back Surface	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 138 138 138	5530 5610 5690 5690 5690 5690 5690 5690 5690 Freq. (MHz) 5775	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 Measured Avg. Power (dBm) 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% Power scaling 100.46%	0.921 0.884 0.967 0.066 0.001 0.001 0.115 0.922 Averaged SAR Measured 1.040	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported 1.057	- 017 - - - - - ID
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G Band WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Main Antenna Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Left Edge Back Surface Position Back Surface Top Edge	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 138 Channel 155 155	5530 5610 5690 5690 5690 5690 5690 5690 Freq. (MHz) 5775 5775	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% Power scaling 100.46%	0.921 0.884 0.967 0.066 0.001 0.001 0.015 0.922 Averaged SAR Measured 1.040 0.088	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported 1.057 0.089	- 017 - - - - - - - - - - - - - - - - - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G Band WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Main Antenna Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Left Edge Back Surface Position Back Surface Top Edge Bottom Edge	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 Channel 155 155	5530 5610 5690 5690 5690 5690 5690 5690 Freq. (MHz) 5775 5775 5775	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 Measured Arg. Power (dBm) 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% Power scaling 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.115 0.922 Averaged SAR Measured 1.040 0.088 0.001	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported 1.057 0.089 0.001	- 017 - - - - - - - - - - - - - - - - - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G Band WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Left Edge Back Surface Position Back Surface Top Edge Bottom Edge Right Edge	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 138 Channel 155 155 155	5530 56510 5690 5690 5690 5690 5690 5690 5690 569	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 Max. Rated Avg. Power + Max Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 Measured Avg. Power (dBm) 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% Power scaling 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.0115 0.922 Averaged SAR Measured 1.040 0.088 0.001	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported 1.057 0.089 0.001 0.002	- 017 - - - - - - - - - - - - - - - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Left Edge Back Surface Position Back Surface Top Edge Bottom Edge Left Edge	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 155 155 155 155 155	5530 5530 5690 5690 5690 5690 5690 5690 5690 569	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 9.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 Measured Avg. Power (dBm) 9.48 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% Power scaling 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.115 0.922 Averaged SAR Measured 1.040 0.088 0.001 0.002 0.160 0.994	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported 1.057 0.089 0.001 0.001 0.002 0.163	- 017 - - - - - - - - - - - 018 - - - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Antenna Main Main Main Main Main Main Main	Back Surface Back Surface Back Surface Top Edge Bottom Edge Left Edge Back Surface Position Back Surface Top Edge Bottom Edge Left Edge Back Surface	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 138 Channel 155 155 155 155 155 155	5530 5610 5690 5690 5690 5690 5690 5690 5690 569	Tolerance (dBm) 9.50 9	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.115 0.922 Averaged SAR 0.001 0.088 0.001 0.008 0.001 0.002 0.160 0.994 Averaged SAR	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported 1.057 0.089 0.001 0.002 0.163 0.999 over 1g (W/kg)	- 017 - - - - - - - - - - - - - - - - - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Antenna Main Main Main Main Main Main Main	Back Surface Back Surface Back Surface Back Surface Top Edge Bottom Edge Left Edge Back Surface Position Back Surface Top Edge Bottom Edge Left Edge Left Edge Back Surface Position Back Surface Position Back Surface	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 155	5530 5610 5690 5690 5690 5690 5690 5690 5690 569	Tolerance (dBm) 9.50 9.5	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.115 0.922 Averaged SAR Measured 1.040 0.088 0.001 0.002 0.160 0.994 Averaged SAR	0.943 0.909 0.983 0.067 0.001 0.011 0.011 0.937 over 1g (W/kg) Reported 1.057 0.089 0.001 0.002 0.163 0.999 over 1g (W/kg)	- 017 - - - - - - - - - - - - - - - - - - -
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Antenna Main Main Main Main Main Main Main M	Back Surface Back Surface Back Surface Back Surface Top Edge Bottom Edge Left Edge Back Surface Position Back Surface Top Edge Back Surface Cop Edge Back Surface Position Back Surface Position Back Surface Top Edge Back Surface Position Back Surface Cop Edge Back Surface Back Surface Cop Edge Back Surface Back Surface Back Surface Back Surface Cop Edge Back Surface Back Surface Cop Edge Cop Edge Back Surface Cop Edge Back Surface Cop Edge Back Surface Cop Edge Back Surface Cop Edge Cop E	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 156 157 158 159 150 151 152 153 154 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155	5530 5610 5690 5690 5690 5690 5690 5690 5690 569	Tolerance (dBm) 9.50 9.50 9.50 9.50 9.50 9.50 9.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 9.50 9	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.23%	0.921 0.884 0.967 0.066 0.001 0.115 0.922 Averaged SAR Measured 1.040 0.088 0.001 0.002 0.160 0.994 Averaged SAR Measured 0.763	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported 1.057 0.089 0.001 0.002 0.163 0.999 over 1g (W/kg) Reported 0.776	- 017
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.8G WLAN 802.11ac(80M) 5.8G	Main Main Main Main Main Main Main Main	Back Surface Back Surface Back Surface Back Surface Top Edge Bottom Edge Left Edge Back Surface Position Back Surface Top Edge Bottom Edge Left Edge Left Edge Back Surface Position Back Surface Position Back Surface	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106 122 138 138 138 138 138 138 138 155 155 155 155 155 155 155 155 155 155 155 155 155 163	5530 5610 5690 5690 5690 5690 5690 5690 5690 Freq. (MHz) 5775 5775 5775 5775 5775 5775 5775 57	Tolerance (dBm) 9.50	9.45 9.43 9.48 9.48 9.48 9.48 9.48 9.48 9.48 9.48	1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01	101.16% 101.62% 100.46% 100.46% 100.46% 100.46% 100.46% Power scaling 100.46% 100.46% 100.46% 100.46% 100.46% 100.46% 100.46%	0.921 0.884 0.967 0.066 0.001 0.115 0.922 Averaged SAR 0.001 0.088 0.001 0.002 0.160 0.994 Averaged SAR Measured 0.763 0.042	0.943 0.909 0.983 0.067 0.001 0.117 0.937 over 1g (W/kg) Reported 1.057 0.089 0.001 0.002 0.163 0.999 over 1g (W/kg) Reported 0.776 0.043	- 017 - - - - - - - - - - - - - - - - - - -

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling		over 1g (W/kg)	ID
			. ,		. ,	Tolerance (dBm)	(dBm)		-	Measured	Reported	
WLAN 802.11b	Aux	Back Surface	0	1	2412	17.50	17.49	1.01	100.23%	0.817	0.825	020
WLAN 802.11b	Aux	Back Surface	0	6	2437	17.50	17.41	1.01	102.09%	0.801	0.824	-
WLAN 802.11b	Aux	Back Surface	0	11	2462	17.50	17.48	1.01	100.46%	0.775	0.785	-
WLAN 802.11b	Aux	Top Edge	0	1	2412	17.50	17.49	1.01	100.23%	0.099	0.100	-
WLAN 802.11b	Aux	Bottom Edge	0	1	2412	17.50	17.49	1.01	100.23%	0.001	0.001	-
WLAN 802.11b	Aux	Right Edge	0	1	2412	17.50	17.49	1.01	100.23%	0.212	0.214	-
WLAN 802.11b	Aux	Left Edge	0	1	2412	17.50	17.49	1.01	100.23%	0.001	0.001	
WLAN 802.11b	Aux	Back Surface	0	1	2412	17.50	17.49	1.01	100.23%	0.799	0.807	-
			-			Max. Rated Avg.	Measured					
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Power + Max. Tolerance (dBm)	Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	e over 1g (W/kg) Reported	ID
Bluetooth(GFSK)	Aux	Back Surface	0	00	2402	15.25	14.78	1.30	111.43%	0.257	0.372	021
Bluetooth(GFSK)	Aux	Back Surface	0	39	2441	15.25	14.42	1.30	121.06%	0.222	0.349	-
Bluetooth(GFSK)	Aux	Back Surface	0	78	2480	15.25	14.48	1.30	119.40%	0.234	0.363	-
Bluetooth(GFSK)	Aux	Top Edge	0	00	2402	15.25	14.78	1.30	111.43%	0.017	0.025	
Bluetooth(GFSK)	Aux	Bottom Edge	0	00	2402	15.25	14.78	1.30	111.43%	0.001	0.001	-
Bluetooth(GFSK)	Aux	Right Edge	0	00	2402	15.25	14.78	1.30	111.43%	0.008	0.012	
Bluetooth(GFSK)			0	00	2402	15.25	14.78	1.30	111.43%	0.000	0.001	-
Bidetooti1(GFSK)	Aux	Left Edge	0	00	2402	15.25	14.70	1.30	111.43%	0.001	0.001	-
Band	Antenna	Position	Distance	Channel	Freq.	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle	Power	Averaged SAR	t over 1g (W/kg)	ID
			(mm)		(MHz)	Tolerance (dBm)	(dBm)	scaling	scaling	Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Aux	Back Surface	0	50	5250	15.00	14.98	1.02	100.46%	1.170	1.193	022
WLAN 802.11ac(160M) 5.2G	Aux	Top Edge	0	50	5250	15.00	14.98	1.02	100.46%	0.092	0.094	-
WLAN 802.11ac(160M) 5.2G	Aux	Bottom Edge	0	50	5250	15.00	14.98	1.02	100.46%	0.001	0.001	
WLAN 802.11ac(160M) 5.2G	Aux	Right Edge	0	50	5250	15.00	14.98	1.02	100.46%	0.252	0.257	-
WLAN 802.11ac(160M) 5.2G	Aux	Left Edge	0	50	5250	15.00	14.98	1.02	100.46%	0.001	0.001	
WLAN 802.11ac(160M) 5.2G	Aux	Back Surface	0	50	5250	15.00	14.98	1.02	100.46%	1.140	1.162	
WLAIN 802.11ac(16010) 5.2G	Aux	Dack Sunace	0	50	5250			1.02	100.46%	1.140	1.102	-
Band	Antenna	Position	Distance	Channel	Freq.	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle	Power	Averaged SAR	over 1g (W/kg)	ID
Band	Antenna	Position	(mm)	Channel	(MHz)	Tolerance (dBm)	(dBm)	scaling	scaling	Measured	Reported	U
WLAN 802.11ac(80M) 5.3G	Aux	Back Surface	0	58	5290	12.00	11.96	1.01	100.93%	1.020	1.042	023
			÷		5290							023
WLAN 802.11ac(80M) 5.3G	Aux	Top Edge	0	58		12.00	11.96	1.01	100.93%	0.088	0.090	-
WLAN 802.11ac(80M) 5.3G	Aux	Bottom Edge	0	58	5290	12.00	11.96	1.01	100.93%	0.001	0.001	-
WLAN 802.11ac(80M) 5.3G	Aux	Right Edge	0	58	5290	12.00	11.96	1.01	100.93%	0.158	0.161	-
WLAN 802.11ac(80M) 5.3G	Aux	Left Edge	0	58	5290	12.00	11.96	1.01	100.93%	0.001	0.001	
WLAN 802.11ac(80M) 5.3G	Aux	Back Surface	0	58	5290	12.00	11.96	1.01	100.93%	0.995	1.016	
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	t over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.6G	Aux	Back Surface	0	106	5530	11.50	11.49	1.01	100.23%	1.170	1.187	024
WLAN 802.11ac(80M) 5.6G	Aux	Back Surface	0	122	5610	11.50	11.49	1.01	100.23%	1.010	1.029	024
												-
WLAN 802.11ac(80M) 5.6G	Aux	Back Surface	0	138	5690	11.50	11.44	1.01	101.39%	0.990	1.016	-
WLAN 802.11ac(80M) 5.6G	Aux	Top Edge	0	106	5530	11.50	11.49	1.01	100.23%	0.085	0.086	-
WLAN 802.11ac(80M) 5.6G	Aux	Bottom Edge	0	106	5530	11.50	11.49	1.01	100.23%	0.001	0.001	-
WLAN 802.11ac(80M) 5.6G	Aux	Right Edge	0	106	5530	11.50	11.49	1.01	100.23%	0.121	0.123	-
WLAN 802.11ac(80M) 5.6G	Aux	Left Edge	0	106	5530	11.50	11.49	1.01	100.23%	0.001	0.001	-
WLAN 802.11ac(80M) 5.6G	Aux	Back Surface	0	106	5530	11.50	11.49	1.01	100.23%	1.020	1.035	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg)	ID
WLAN 802.11ac(80M) 5.8G	Aux	Back Surface	0	155	5775	10.50	(dBill) 10.49	1.01	100.23%	0.895	Reported 0.908	025
WLAN 802.11ac(80M) 5.8G	Aux	Top Edge	0	155	5775	10.50	10.49	1.01	100.23%	0.077	0.078	-
WLAN 802.11ac(80M) 5.8G	Aux	Bottom Edge	0	155	5775	10.50	10.49	1.01	100.23%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Aux	Right Edge	0	155	5775	10.50	10.49	1.01	100.23%	0.098	0.099	-
WLAN 802.11ac(80M) 5.8G	Aux	Left Edge	0	155	5775	10.50	10.49	1.01	100.23%	0.002	0.002	-
WLAN 802.11ac(80M) 5.8G	Aux	Back Surface	0	155	5775	10.50	10.49	1.01	100.23%	0.822	0.834	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
MIL AN LOOD 44	A	Davis Overfax	-	400	5045	. ,		1.00	100.400			000
WLAN 802.11ac(160M) 5.9G	Aux	Back Surface	0	163	5815	10.00	9.98	1.02	100.46%	0.812	0.828	026
WLAN 802.11ac(160M) 5.9G	Aux	Top Edge	0	163	5815	10.00	9.98	1.02	100.46%	0.071	0.072	-
WLAN 802.11ac(160M) 5.9G	Aux	Bottom Edge	0	163	5815	10.00	9.98	1.02	100.46%	0.001	0.001	-
WLAN 802.11ac(160M) 5.9G	Aux	Right Edge	0	163	5815	10.00	9.98	1.02	100.46%	0.084	0.086	
WLAN 802.11ac(160M) 5.9G	Aux	Left Edge	0	163	5815	10.00	9.98	1.02	100.46%	0.002	0.002	-
WLAN 802.11ac(160M) 5.9G	Aux	Back Surface	0	163	5815	10.00	9.98	1.02	100.46%	0.788	0.804	-
		1			1		1			1		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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WLAN_6GHz_NB

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling		over 1g (W/kg)		W/m^2 (4cm^2)	ID
						Tolerance (dBm)	(dBm)	÷		Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Main	Bottom Surface	0	31	6105	13.50	13.41	1.02	102.09%	0.031	0.032	0.305	0.316	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Bottom Surface	0	63	6265	13.50	13.48	1.02	100.46%	0.033	0.034	0.314	0.320	027
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling		over 1g (W/kg)		W/m^2 (4cm^2)	ID
						Tolerance (dBm)	(dBm)	-	-	Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11ax(160M)	Main	Bottom Surface	0	111	6505	13.50	13.43	1.02	101.62%	0.026	0.027	0.236	0.243	028
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
					. ,	Tolerance (dBm)	(dBm)			Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Main	Bottom Surface	0	127	6585	13.50	13.41	1.02	102.09%	0.024	0.025	0.231	0.239	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Bottom Surface	0	159	6745	13.50	13.45	1.02	101.16%	0.026	0.027	0.236	0.242	029
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
			()		(Tolerance (dBm)	(dBm)			Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Main	Bottom Surface	0	191	6905	13.50	13.44	1.02	101.39%	0.021	0.022	0.180	0.185	030
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
			(mm)		(IVIPIZ)	Tolerance (dBm)	(dBm)	scaling	scaling	Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Aux	Bottom Surface	0	31	6105	14.00	13.99	1.02	100.23%	0.203	0.207	1.340	1.363	031
U-NII-5 6.2GHz 802.11be(320M)	Aux	Bottom Surface	0	63	6265	14.00	13.98	1.02	100.46%	0.199	0.203	1.250	1.275	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
			(((((()))))))))))))))))))))))))))))))))		(11112)	Tolerance (dBm)	(dBm)	scaling	scanny	Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11ax(160M)	Aux	Bottom Surface	0	111	6505	14.00	13.93	1.02	101.62%	0.071	0.073	0.429	0.443	032
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
			()		(((((((((((((((((((((((((((((((((((((((Tolerance (dBm)	(dBm)	obtaining	oodining	Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Aux	Bottom Surface	0	127	6585	14.00	13.99	1.02	100.23%	0.063	0.064	0.367	0.373	033
U-NII-7 6.7GHz 802.11be(320M)	Aux	Bottom Surface	0	159	6745	14.00	13.96	1.02	100.93%	0.055	0.056	0.355	0.364	
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
			,,		(Tolerance (dBm)	(dBm)			Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Aux	Bottom Surface	0	191	6905	14.00	13.99	1.02	100.23%	0.056	0.057	0.471	0.479	034

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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WLAN_6GHz_TB

Decision of the state in the stat	Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	Estimated APD Measured	W/m^2 (4cm^2) Reported	ID
Under solve inversionUnder solve inversi	U-NII-5 6.2GHz 802.11be(320M)	Main	Back Surface	0	31	6105	10.00	9.92	1.02	101.86%	0.411	0.425	2.870	2.967	-
Initial statistic s	U-NII-5 6.2GHz 802.11be(320M)	Main	Back Surface	0	63	6265	10.00	9.99	1.02	100.23%	0.507	0.516	3.280	3.337	035
Initial statistic s	U-NII-5 6.2GHz 802.11be(320M)	Main	Top Edge	0	63	6265	10.00	9.99	1.02	100.23%	0.029	0.030	0.200	0.203	-
Diam Diam <thdiam< th=""> Diam Diam <th< td=""><td>U-NII-5 6.2GHz 802.11be(320M)</td><td>Main</td><td></td><td>0</td><td></td><td>6265</td><td>10.00</td><td>9,99</td><td>1.02</td><td>100.23%</td><td>0.001</td><td>0.001</td><td>0.001</td><td>0.001</td><td></td></th<></thdiam<>	U-NII-5 6.2GHz 802.11be(320M)	Main		0		6265	10.00	9,99	1.02	100.23%	0.001	0.001	0.001	0.001	
		Main	*												
Bird Feiner Description Freque Part State Are Are Are Are Are Are Are Are Are Ar				-					-						
BardPatternP	0 THI 0 0.20112 002.1100(02011)		Lon Lugo		00	0200			1.02	100.2070	0.110	0.110	0.012	0.020	
Under 4.500 trans.United 4.500 t	Band	Antenna	Position		Channel		Power + Max.	Avg. Power			-			. ,	ID
United ScatterUnited ScatterOne<	U-NII-6 6.5GHz 802.11ax(160M)	Main	Back Surface	0	111	6505	10.00	9.93	1.02	101.62%	0.517	0.533	3.380	3.486	036
	U-NII-6 6.5GHz 802.11ax(160M)	Main	Top Edge	0	111	6505	10.00	9.93	1.02	101.62%	0.033	0.034	0.231	0.238	-
United Science	U-NII-6 6.5GHz 802.11ax(160M)	Main	Bottom Edge	0	111	6505	10.00	9.93	1.02	101.62%	0.001	0.001	0.001	0.001	-
	U-NII-6 6.5GHz 802.11ax(160M)	Main		0	111	6505	10.00	9.93	1.02	101.62%	0.022	0.023	0.154	0.159	-
Bard Partners Partners Darword (bes) Darword (bes) Number Alls (bes) Number Alls 															-
Bird Metrinal Pattern Distore Progr. Part. Par. Par. Part. Part. Par. Par. Part. Part. Part. Par. Pa	0-INIPO 0.50112 802.114X(100W)	IVIdii I	Leit Euge	0		0303		9.93	1.02	101.02%	0.112	0.110	0.784	0.809	· ·
Uair 3 rouge 420 micro300MainBook humon0101000000100100200410.0010.0	Band	Antenna	Position		Channel		Power + Max.	Avg. Power							ID
UAN 7 Grove 201 (MACOM)ManBorn Grigo0919102102102.9100.000.0410.0490.0470.07UAN 7 Grove 201 (MCXM)ManBorn Grigo019476100.009.991.02100.2750.0230.0130.0110.0100.0110.0150.011 <td>U-NII-7 6.7GHz 802.11be(320M)</td> <td>Main</td> <td>Back Surface</td> <td>0</td> <td>127</td> <td>6585</td> <td>10.00</td> <td>9.98</td> <td>1.02</td> <td>100.46%</td> <td>0.423</td> <td>0.431</td> <td>2.960</td> <td>3.018</td> <td></td>	U-NII-7 6.7GHz 802.11be(320M)	Main	Back Surface	0	127	6585	10.00	9.98	1.02	100.46%	0.423	0.431	2.960	3.018	
UAN 7 Grove 201 (MACOM)ManBorn Grigo0919102102102.9100.000.0410.0490.0470.07UAN 7 Grove 201 (MCXM)ManBorn Grigo019476100.009.991.02100.2750.0230.0130.0110.0100.0110.0150.011 <td></td> <td>Main</td> <td>Back Surface</td> <td></td> <td>159</td> <td>6745</td> <td></td> <td>9.99</td> <td></td> <td>100.23%</td> <td>0.541</td> <td></td> <td>3.840</td> <td></td> <td>037</td>		Main	Back Surface		159	6745		9.99		100.23%	0.541		3.840		037
U+H 7 GP0 b2 01 (1)4070 A D300UanBanBan bBan b<															
											0.0.0			-	
UNN 7 G70er 802 1100200 Name Left Ergy 0 <															-
Bard Astenia Datance (min) Datance (min) Datance (MA2) Prog. (MA2) Most Arg. Prover Mail Doty opic (MA2) Doty opic (MA2) Doty opic (MA2) Annual (MA2) Annual															-
Bard Attema Packer Mage Mage Masse Masse <th< td=""><td>U-NII-7 6.7GHz 802.11be(320M)</td><td>Main</td><td>Left Edge</td><td>0</td><td>159</td><td>6745</td><td>10.00</td><td>9.99</td><td>1.02</td><td>100.23%</td><td>0.122</td><td>0.124</td><td>0.811</td><td>0.825</td><td>-</td></th<>	U-NII-7 6.7GHz 802.11be(320M)	Main	Left Edge	0	159	6745	10.00	9.99	1.02	100.23%	0.122	0.124	0.811	0.825	-
UNING 2004: B02. Unactional of the actional of the ac	Band	Antenna	Position		Channel	Freq. (MHz)	Power + Max.	Avg. Power			-				ID
Instant Product Main Typ Edge 0 191 6665 1100 999 102 100.495 60.497 0.498 0.448 0.448 0.448 UNB 27054F M2 THe320M Main Byrt Edge 0 191 6665 1100 998 102 100.495 0.692 0.693 0.948 0.371 - UNB 27054F M2 THe320M Main Lett Edge 0 191 6665 1100 998 102 100.495 0.692 0.924	11 NII 8 7 0CHz 802 11ba(220M)	Main	Rock Surface	0	101	600E	10.00	0.08	1.02	100.46%					029
Unit 37.04MainBeton Edge0191966100098910210.040.0010.0010.0010.0111.1UNIt 37.04AdamaRept Edge019166610.098910210.040.0210.0810.0111.020				-					-						030
UNING 2004 Num Right Edge 0 191 0005 100 98 1.02 10.04% 0.035 0.035 0.035 0.037 0.				-											-
UNING 7.064: 00.2 11be(200) Nam Left Egg 0 197 1000 9.98 1.02 0.04.85 0.137 0.130 1.000				-											-
Band Antenna Position (mm) Distance (mm) Channel Free (ME) Mate Dist Arg Tolerance (Bm) Mate Dist Arg (gBm) Duty cycle (gBm) Power (gBm) Antenged SAR over 1g (Wkg) Estimated APD Win*2 (dem*) Duty cycle (gBm) Antenged SAR over 1g (Wkg) Estimated APD Win*2 (dem*) Duty cycle (gBm) Masured (gBm) Masured (gBm) Masured (gBm) Masured (gBm) Masured (gBm) Antenged SAR over 1g (Wkg) Estimated APD Win*2 (dem*) Duty (gBm) Duty cycle (gBm) Antenged SAR over 1g (Wkg) Estimated APD Win*2 (dem*) Duty (gBm) Masured (gBm) <	. ,	Main	Right Edge	0	191	6905	10.00	9.98	1.02	100.46%	0.052	0.053	0.364	0.371	-
Band Antenna Pediatina Channel (Mel) Power (Mel) And Powe	U-NII-8 7.0GHz 802.11be(320M)	Main	Left Edge	0	191	6905	10.00	9.98	1.02	100.46%	0.147	0.150	1.020	1.040	-
INNE 6 2014: 8021 Heig20M Aux Back Surface 0 31 6105 8.60 8.40 1.02 100.2% 0.294 0.401 2.800 2.737 0.39 LNNE 6 2014: 8021 Heig20M Aux Top Edge 0 31 6105 8.60 8.48 1.02 100.2% 0.034 0.348 2.380 2.427 - UNIE 6 2014: 8021 Heig20M Aux Bottom Edge 0 31 6105 8.60 8.49 1.02 100.2% 0.011 0.011 0.001	Band	Antenna	Position		Channel		Power + Max.	Avg. Power			-				ID
UNING 6.20FL: 802:11bc(220M) Aux Back Surface 0 6.3 6285 8.90 8.48 1.02 100.49% 0.341 0.348 2.300 2.427 UNING 6.20FL: 802:11bc(220M) Aux Top Edge 0 31 6105 8.60 8.49 1.02 100.25% 0.038 0.398 0.208 0.207 UNING 6.20FL: 802:11bc(220M) Aux Right Edge 0 31 6105 8.50 8.49 1.02 100.25% 0.014 0.990 1.007 UNING 6.20FL: 802:11bc(220M) Aux Reft Edge 0 31 6105 8.50 8.49 1.02 100.25% 0.142 0.144 0.990 1.077 UNING 6.5FL: 802:11bc(20M) Aux Right Edge 0 111 6505 8.50 8.49 1.02 100.25% 0.477 0.475 3.030 3.030 3.030 3.030 3.030 3.030 3.030 3.030 3.030 3.030 3.030															
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	•••••••••••••••••••••••••••••••••••••••			-					-					_	039
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Aux	Back Surface	0							0.341	0.0.0	2.380		-
L-Nik-5.6.2Hz 802.1Hs(320M) Aux Right Edge 0 31 6105 8.60 8.49 1.02 100.2% 0.142 0.144 0.990 1.007 U-Nik-5.6.2Hz 802.1Hs(320M) Aux Laft Edge 0 31 6105 6.50 8.49 1.02 100.23% 0.023 0.023 0.0161 0.164 Band Anterna Position Distance (mm) Channel Frieq. (mm) Max. Riad Avp. Power HAx Power HAx Assaudd	U-NII-5 6.2GHz 802.11be(320M)	Aux	Top Edge	0	31	6105	8.50	8.49	1.02	100.23%	0.038	0.039	0.266	0.271	-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	U-NII-5 6.2GHz 802.11be(320M)	Aux	Bottom Edge	0	31	6105	8.50	8.49	1.02	100.23%	0.001	0.001	0.001	0.001	-
Band Antenna Postion Distance (mm) Channel Freq. (MHz) Max. Rated Avp. Power + Max. Torence (dBm) Duty cycle and (dBm) Power scaling (dBm) Averaged S/R over 1g (W/kg) Estimated APD W/m2 (4cm/2) ID U-NIH-6.5GHz 802.11at (E0M) Aux Back Surface 0 111 6505 8.50 8.49 1.02 100.23% 0.467 0.475 3.030 3.083 0.40 U-NIH-6.5GHz 802.11at (E0M) Aux Bottom Edge 0 1111 6505 8.50 8.49 1.02 100.23% 0.047 0.475 3.030 3.083 0.40 U-NIH-6.5GHz 802.11at (E0M) Aux Bottom Edge 0 1111 6505 8.50 8.49 1.02 100.23% 0.046 0.315 0.320 - U-NIH-6.5GHz 802.11at (E0M) Aux Laft Edge 0 1111 6505 8.50 8.49 1.02 100.23% 0.040 0.273 0.278 - U-NIH-6.5GHz 802.11bat (E0M) Aux Back Surface 0 127	U-NII-5 6.2GHz 802.11be(320M)	Aux	Right Edge	0	31	6105	8.50	8.49	1.02	100.23%	0.142	0.144	0.990	1.007	-
Band Antenna Postion Distance (mm) Channel Freq. (MHz) Max. Rated Avp. Power + Max. Torence (dBm) Duty cycle and (dBm) Power scaling (dBm) Averaged S/R over 1g (W/kg) Estimated APD W/m2 (4cm/2) ID U-NIH-6.5GHz 802.11at (E0M) Aux Back Surface 0 111 6505 8.50 8.49 1.02 100.23% 0.467 0.475 3.030 3.083 0.40 U-NIH-6.5GHz 802.11at (E0M) Aux Bottom Edge 0 1111 6505 8.50 8.49 1.02 100.23% 0.047 0.475 3.030 3.083 0.40 U-NIH-6.5GHz 802.11at (E0M) Aux Bottom Edge 0 1111 6505 8.50 8.49 1.02 100.23% 0.046 0.315 0.320 - U-NIH-6.5GHz 802.11at (E0M) Aux Laft Edge 0 1111 6505 8.50 8.49 1.02 100.23% 0.040 0.273 0.278 - U-NIH-6.5GHz 802.11bat (E0M) Aux Back Surface 0 127	U-NII-5 6.2GHz 802.11be(320M)	Aux	Left Edge	0	31	6105	8.50	8.49	1.02	100.23%	0.023	0.023	0.161	0.164	-
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Antenna				Freq.	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle	Power	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
U-NII-6 6.5GHz 802.11ax(160M) Aux Top Edge 0 111 6505 8.50 8.49 1.02 100.23% 0.045 0.046 0.315 0.320 . U-NII-6 6.5GHz 802.11ax(160M) Aux Bottom Edge 0 111 6505 8.50 8.49 1.02 100.23% 0.001 0.001 0.001 0.011 0.110 0.111 0.010 0.011							,	· · · /							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $. ,								-						040
U-NIF-6 SGH2 802.11ax(160M) Aux Right Edge 0 111 6605 8.50 8.49 1.02 100.23% 0.158 0.161 1.100 1.119 . Band Antenna Position Distance (mm) Channel Free (mHz) Max: Raid Aug. Power 1 (dBm) Max: Raid Aug. (dBm)															-
U-NII-6 6.5GHz 802.11ax(160M) Aux Laft Edge 0 111 6505 8.50 8.49 1.02 100.23% 0.039 0.040 0.273 0.278 . Band Antenna Position Distance (mm) Channel Freq. (MHz) Max. Ratel Avg. Tolerance (BBm) Max. Ratel Avg. Avg. Power (BBm) Power scaling Averaged SAR-ver 1g (W/kg) Estimated APD-Wm² (4cm²2) ID U-NII-7 6.7GHz 802.11be(320M) Aux Back Surface 0 127 6585 8.50 8.49 1.02 100.4% 0.408 0.416 2.440 2.488 - U-NII-7 6.7GHz 802.11be(320M) Aux Back Surface 0 159 6745 8.50 8.49 1.02 100.23% 0.001 0				-											-
Band Antenna Position Distance (mm) Channel Freq. (MHz) Max. Ratel Arg. Power + Max. Tolerance (Bm) Measured (RB) Duty cycle (RB) Power scaling Averaged SA: wor 1g (Wkg) Estimated APD Wm² (4cm²2) ID U-NII-7.67GHz 802.11be(320M) Aux Back Surface 0 127 6585 8.40 1.02 100.46% 0.461 0.440 2.488 - U-NII-7.67GHz 802.11be(320M) Aux Back Surface 0 159 6745 8.50 8.49 1.02 100.23% 0.451 0.459 2.480 2.489 041 U-NII-7.67GHz 802.11be(320M) Aux Botom Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.041 0.001 <t< td=""><td>. ,</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></t<>	. ,			-											-
Band Antenna Position Channel (MHz) Power (MHz)	U-NII-6 6.5GHz 802.11ax(160M)	Aux	Left Edge	0	111	6505	8.50	8.49	1.02	100.23%	0.039	0.040	0.273	0.278	-
UNIF 76.7GHz 802.11be(320M) Aux Back Surface 0 127 6685 8.48 1.02 100.4% 0.491 6.2,048 2.4,048 4.2,048 <t< td=""><td>Band</td><td>Antenna</td><td>Position</td><td></td><td>Channel</td><td></td><td>Power + Max.</td><td>Avg. Power</td><td></td><td></td><td></td><td></td><td></td><td></td><td>ID</td></t<>	Band	Antenna	Position		Channel		Power + Max.	Avg. Power							ID
U-NII-76.7GHz 802.11be(320M) Aux Back Surface 0 159 6745 8.50 8.49 1.02 100.23% 0.451 0.459 2.840 2.889 0.41 U-NII-76.7GHz 802.11be(320M) Aux Top Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.039 0.040 0.300 0.305 - U-NII-76.7GHz 802.11be(320M) Aux Bottom Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.001 0.001 0.001 0.001 0.001 0.001 0.011 - U-NII-76.7GHz 802.11be(320M) Aux Right Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.011 0.014 0.014 - U-NII-76.7GHz 802.11be(320M) Aux Right Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.033 0.034 0.225 0.229 - U-NII-76.7GHz 802.11be(320M) Aux Left Edge					4	05		· · · ·	1.07	400					
U-NII-7 6.7GHz 802.11be(320M) Aux Top Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.039 0.040 0.300 0.305 - U-NII-7 6.7GHz 802.11be(320M) Aux Bottom Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.001 0.001 0.001 0.001 - U-NII-7 6.7GHz 802.11be(320M) Aux Right Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.001 0.011 0.001 - U-NII-7 6.7GHz 802.11be(320M) Aux Left Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.031 0.040 0.25 0.229 - U-NII-7 67GHz 802.11be(320M) Aux Left Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.033 0.034 0.25 0.229 - U-NII-7 67GHz 802.11be(320M) Aux Back Surface 0 191 6905 <				-					-						-
Li-Nil-7 6.7GHz 802.11be(320M) Aux Bottom Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.001 0															041
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			Top Edge												-
Li-NII-76.7GHz 802.11be(320M) Aux Left Edge 0 159 6745 8.50 8.49 1.02 100.23% 0.033 0.034 0.225 0.229 - Band Antenna Position Distance (mm) Channel Freq. (MHz) Max. Ratel Avg. Toterance (dBm) Max. Ratel Avg. Power + Max. Toterance (dBm) Duty cycle (dBm) Power scaling Averaged SAR.ver 1g (Wkg) Estimated APD Wm² (4cm²2) Power (dBm) Max. Brain Avg. Power + Max. Toterance (dBm) Duty cycle (dBm) Power scaling Power scaling Averaged SAR.ver 1g (Wkg) Estimated APD Wm² (4cm²2) Power (2Bm) Max. Toterance (dBm) No 10.16.2% 0.378 0.390 2.420 2.496 042 U-NII-8 7.0GHz 802.11be(320M) Aux Top Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.031 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001	U-NII-7 6.7GHz 802.11be(320M)	Aux	Bottom Edge	0			8.50		1.02	100.23%	0.001			0.001	-
Band Antenna Position Distance (mm) Channel Freq. (MHz) Max. Rated Avg. Power + Max. Tolerance (4Bm) Measured (MHz) Duty cycle Power + Max. Tolerance (4Bm) Power (dBm) Averaged SA: ver 1g (W/kg) Estimated APD Wm^2 (4cm/2) ID U-NII-8 7.0GHz 802.11be(320M) Aux Back Surface 0 191 6905 8.40 1.02 101.62% 0.378 0.390 2.420 2.496 0.42 U-NII-8 7.0GHz 802.11be(320M) Aux Top Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.025 0.026 0.175 0.181 - U-NII-8 7.0GHz 802.11be(320M) Aux Robit m Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.031 0.001 0.001 0.001 - U-NII-8 7.0GHz 802.11be(320M) Aux Right Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.031 0.001 0.001 0.001 - U-NIII-8 7.0GHz 802.11be(320M) Aux	U-NII-7 6.7GHz 802.11be(320M)	Aux	Right Edge	0	159	6745	8.50	8.49	1.02	100.23%	0.145	0.148	0.987	1.004	
Band Antenna Position Distance (mm) Channel Pile (MHz) Power Tolerance (dBm) Aug. Power (dBm) Power (dBm) Aug. Power (dBm)	11 NIII 7 6 70Hz 902 11ha(220M)	Aux	Left Edge	0	159	6745	8.50	8.49	1.02	100.23%	0.033	0.034	0.225	0.229	-
Li-Nil-8 7.0GHz 802.11be(320M) Aux Back Surface 0 191 6905 8.50 8.43 1.02 101.62% 0.0378 0.390 2.420 2.496 0.421 U-Nil-8 7.0GHz 802.11be(320M) Aux Top-Ege 0 191 6905 8.50 8.43 1.02 101.62% 0.0378 0.390 2.420 2.496 0.421 U-Nil-8 7.0GHz 802.11be(320M) Aux Top-Ege 0 191 6905 8.50 8.43 1.02 101.62% 0.025 0.026 0.175 0.181 - U-Nil-8 7.0GHz 802.11be(320M) Aux Botom Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.031 0.001 0.001 - U-Nil-8 7.0GHz 802.11be(320M) Aux Right Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.034 0.138 0.938 0.968 -	0"INII=7 0.7 GFIZ 002. TIDE(320W)	1				Freq					Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
U-NII-87.0GHz 802.11be(320M) Aux Top Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.025 0.026 0.175 0.181 - U-NII-87.0GHz 802.11be(320M) Aux Bottom Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.001 0.001 0.001 0.001 - U-NII-87.0GHz 802.11be(320M) Aux Right Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.011 0.001 0.001 0.001 - U-NII-87.0GHz 802.11be(320M) Aux Right Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.014 0.018 0.938 0.968 -		Antenna	Position		Channel				scaling	scaling					
U-NII-8 7.0GHz 802.11be(320M) Aux Bottom Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.001 0.001 0.001 0.001 0.001 0.001 U-NII-8 7.0GHz 802.11be(320M) Aux Right Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.014 0.018 0.001 0.011 0.001	Band			(mm)		(MHz)	Tolerance (dBm)	(dBm)							
U-NII-8 7.0GHz 802.11be(320M) Aux Right Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.134 0.138 0.938 0.968 -	Band			(mm)		(MHz)	Tolerance (dBm)	(dBm)							042
U-NII-8 7.0GHz 802.11be(320M) Aux Right Edge 0 191 6905 8.50 8.43 1.02 101.62% 0.134 0.138 0.938 0.968 -	Band U-NII-8 7.0GHz 802.11be(320M)	Aux	Back Surface	(mm) 0	191	(MHz) 6905	Tolerance (dBm) 8.50	(dBm) 8.43	1.02	101.62%	0.378	0.390	2.420	2.496	
	Band U-NII-8 7.0GHz 802.11be(320M) U-NII-8 7.0GHz 802.11be(320M)	Aux Aux	Back Surface Top Edge	(mm) 0 0	191 191	(MHz) 6905 6905	Tolerance (dBm) 8.50 8.50	(dBm) 8.43 8.43	1.02 1.02	101.62% 101.62%	0.378 0.025	0.390	2.420 0.175	2.496 0.181	-
	Band U-NII-8 7.0GHz 802.11be(320M) U-NII-8 7.0GHz 802.11be(320M) U-NII-8 7.0GHz 802.11be(320M)	Aux Aux Aux	Back Surface Top Edge Bottom Edge	(mm) 0 0 0	191 191 191	(MHz) 6905 6905 6905	Tolerance (dBm) 8.50 8.50 8.50	(dBm) 8.43 8.43 8.43	1.02 1.02 1.02	101.62% 101.62% 101.62%	0.378 0.025 0.001	0.390 0.026 0.001	2.420 0.175 0.001	2.496 0.181 0.001	•

Note:

Reported SAR = measured SAR * Power scaling * Duty cycle scaling Reported APD = measured APD * Power scaling * Duty cycle scaling

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8.3 Summary of PD Results

					F	Max. Rated Avg.	Measured			Measurement		PD res	ult(4cm)		
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Power + Max. Tolerance (dBm)	Avg. Power (dBm)	Tune-up Scaling	Duty cycle scaling	uncertainty	Measured Total psPD (W/m^2)	Reported Total psPD (W/m^2)	Measured Normal psPD (W/m^2)	Reported Normal psPD (W/m^2)	ID
WLAN 6E 802.11be(320M)	Main	Back Surface	2	31	6105	10.00	9.92	101.86%	1.02	1.55	4.120	6.602	3.340	5.352	-
U-NII-5	Main	Back Surface	2	63	6265	10.00	9.99	100.23%	1.02	1.55	4.530	7.143	3.770	5.945	043
WLAN 6E 802.11ax(160M) U-NII-6	Main	Back Surface	2	111	6505	10.00	9.93	101.62%	1.02	1.55	3.470	5.548	2.660	4.253	044
WLAN 6E 802.11be(320M)	Main	Back Surface	2	127	6585	10.00	9.98	100.46%	1.02	1.55	3.110	4.915	2.240	3.540	-
U-NII-7	Main	Back Surface	2	159	6745	10.00	9.99	100.23%	1.02	1.55	3.270	5.156	2.440	3.848	045
WLAN 6E 802.11be(320M) U-NII-8	Main	Back Surface	2	191	6905	10.00	9.98	100.46%	1.02	1.55	4.920	7.776	3.780	5.974	046
			Distance		Freg.	Max. Rated Avg.	Measured	Tune-up	Duty cycle	Measurement		PD res	ult(4cm)		
Band	Antenna	Position	(mm)	Channel	(MHz)	Power + Max. Tolerance (dBm)	Avg. Power (dBm)	Scaling	scaling	uncertainty	Measured Total psPD (W/m^2)	Reported Total psPD (W/m^2)	Measured Normal psPD (W/m^2)	Reported Normal psPD (W/m^2)	ID
WLAN 6E 802.11be(320M)	Aux	Back Surface	2	31	6105	8.50	8.49	100.23%	1.02	1.55	1.530	2.413	1.260	1.987	047
U-NII-5	Aux	Back Surface	2	63	6265	8.50	8.48	100.46%	1.02	1.55	1.110	1.754	1.140	1.802	-
WLAN 6E 802.11ax(160M) U-NII-6	Aux	Back Surface	2	111	6505	8.50	8.49	100.23%	1.02	1.55	3.050	4.809	2.300	3.627	048
WLAN 6E 802.11be(320M)	Aux	Back Surface	2	127	6585	8.50	8.48	100.46%	1.02	1.55	2.210	3.493	1.680	2.655	-
U-NII-7	Aux	Back Surface	2	159	6745	8.50	8.49	100.23%	1.02	1.55	2.410	3.800	1.940	3.059	049
WLAN 6E 802.11be(320M) U-NII-8	Aux	Back Surface	2	191	6905	8.50	8.43	101.62%	1.02	1.55	2.850	4.557	2.320	3.709	050

Note:

Reported PD = measured PD * Power scaling * Duty cycle scaling * Uncertainty scaling

8.4 Reporting statements of conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

8.5 Conclusion

The device is compliant because all the standalone results are less than their corresponding criteria.

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SIMULTANEOUS TRANSMISSION ANALYSIS 9

9.1 Simultaneous Transmission Scenarios:

Simultaneous Transmission configurations

WLAN 2.4GHz Main + BT Aux

WLAN 2.4GHz Main + WLAN 2.4GHz Aux

WLAN 5GHz Main + BT Aux

WLAN 5GHz Main + WLAN 5GHz Aux

WLAN 5GHz Main + WLAN 5GHz Aux + BT Aux

WLAN 6GHz Main + BT Aux

WLAN 6GHz Main + WLAN 6GHz Aux

WLAN 6GHz Main + WLAN 6GHz Aux + BT Aux

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9.2 Estimated SAR calculation

According to KDB447498 D01v06 – When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

Estimated SAR = $\frac{\text{Max. tune up power (mW)}}{\text{Min. test separation distance(mm)}} \times \frac{\sqrt{f(\text{GHz})}}{7.5}$

If the minimum test separation distance is < 5mm, a distance of 5mm is used for estimated SAR calculation. When the test separation distance is >50mm, the 0.4W/kg is used for SAR-1g.

9.3 SPLSR evaluation and analysis

Per KDB447498D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR sum to peak location separation ratio(SPLSR).

The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion.

The ratio is determined by $(SAR1 + SAR2)^{1.5/Ri}$, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

SAR1 and SAR2 are the highest reported or estimated SAR for each antenna in the pair, and Ri is the separation distance between the peak SAR locations for the antenna pair in mm.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna.

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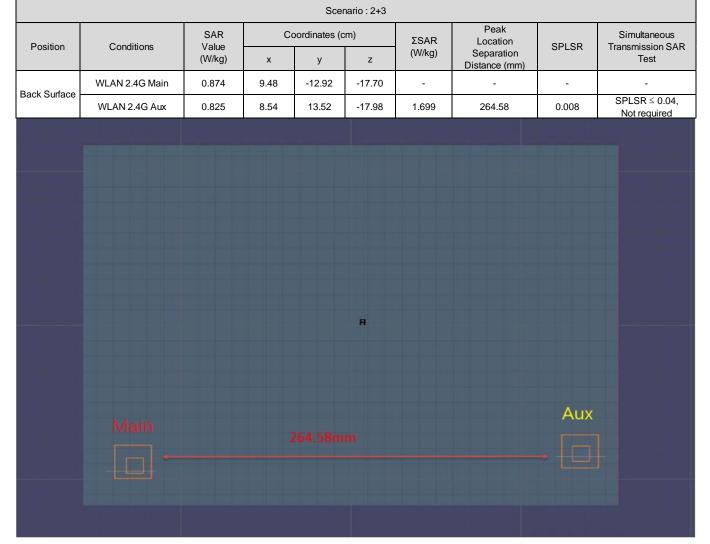
Simultaneous Transmission Combination

NB

					FCC Reported SAR				Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
		2	3	4	5	7	8	9	2+7	2+3	4+7	4+5	4+5+7	8+7	8+9	7+8+9
Exposure Position		2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed							
		1g SAR	1g SAR	1g SAR	1g SAR	1g SAR	1g SAR	1g SAR	1g SAR (W/kg)							
		(W/kg)	(W/kg)	(W/kg)	(W/kg)	(W/kg)	(W/kg)	(W/kg)								
Bottom Surface	0	0.456	0.319	0.254	0.799	0.088	0.034	0.207	0.544	0.775	0.342	1.053	1.141	0.122	0.241	0.329

TR

					FCC Reported SAR				Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
		2	3	4	5	7	8	9	2+7	2+3	4+7	4+5	4+5+7	8+7	8+9	7+8+9
Exposure F	Position	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed						
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg						
Back Surface	0	0.874	0.825	1.185	1.193	0.372	0.643	0.475	1.246	1.699	1.557	2.378	2.750	1.015	1.118	1.490
Top Edge	0	0.117	0.100	0.089	0.094	0.025	0.068	0.046	0.142	0.217	0.114	0.183	0.208	0.093	0.114	0.139
Bottom Edge	0	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.004	0.002	0.002	0.003
Right Edge	0	0.005	0.214	0.002	0.257	0.012	0.053	0.161	0.017	0.219	0.014	0.259	0.271	0.065	0.214	0.226
Left Edge	0	0.235	0.001	0.163	0.002	0.001	0.150	0.040	0.236	0.236	0.164	0.165	0.166	0.151	0.190	0.191



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				Scen	ario: 4+5+7				
Position	Conditions	SAR Value	C	oordinates (o	cm)	ΣSAR (W/kg)	Peak Location Separation	SPLSR	Simultaneous Transmission SAR
		(W/kg)	х	у	Z	(00/kg)	Distance (mm)		Test
	WLAN 5G Main	1.185	6.54	-14.86	-18.02	-	-	-	-
Back Surface	WLAN 5G Aux	1.193	9.18	14.62	-17.97	2.378	295.98	0.012	SPLSR ≤ 0.04, Not required
Dack Sullace	BT Aux	0.372	8.54	13.52	-17.98	1.557	284.50	0.007	SPLSR ≤ 0.04, Not required
	WLAN5G + BT Aux	1.565	8.54	13.52	-17.98	2.750	284.50	0.016	SPLSR ≤ 0.04, Not required
					P				
				2	84.50m	m		Aux	+BT
						a provide a second			51
									む
					1.				

Conclusion 9.4

The simultaneous transmission is compliant because both SAR sum and/or SPLSR are less than their corresponding criteria.

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10 INSTRUMENTS LIST

		Equi	pment List		
Manufacturer	Device	Туре	Serial number	Date of last calibration	Date of next calibration
SPEAG	Data acquisition Electronics	DAE4	558	Nov/20/2023	Nov/19/2024
SPEAG	Dosimetric E-Field Probe	EX3DV4	7686	Sep/21/2023	Sep/20/2024
SPEAG	E-field Probe for Near Field Application	EUmmWV4	9635	Apr/16/2024	Apr/15/2025
SPEAG	System Validation Dipole	D2450V2	727	Apr/22/2024	Apr/21/2025
SPEAG	System Validation Dipole	D5GHzV2	1023	Jan/24/2024	Jan/23/2025
SPEAG	System Validation Dipole	D6.5GHzV2	1029	Jun/11/2024	Jun/10/2025
SPEAG	System Validation Dipole	D7GHzV2	1009	Jun/11/2024	Jun/10/2025
SPEAG	5G Verification Source 10GHz	5G-Veri10	1021	Jan/17/2024	Jan/16/2025
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/21/2024	Feb/20/2025
R&S	MXG Analog Signal Generator	SMB100A03	182012	May/21/2024	May/20/2025
Agilent	Dual-directional coupler	772D	MY46151258	Sep/26/2023	Sep/25/2024
Agilent	Dual-directional coupler	778D	MY46151242	Sep/26/2023	Sep/25/2024
EMCI	Amplifier	ZHL-42	980189	Calibration not required	Calibration not required
EMCI	Amplifier	ZVE-8G	980190	Calibration not required	Calibration not required
R&S	Power Meter	NRX	105651	Nov/24/2023	Nov/23/2024
R&S	Power Sensor	NRP6A	104247	Nov/24/2023	Nov/23/2024
R&S	Power Sensor	NRP6A	104246	Nov/24/2023	Nov/23/2024
SPEAG	Software	DASY 8 V16.0.2.83	N/A	Calibration not required	Calibration not required
SPEAG	Software	DASY 8 mmWave V3.0.0.841	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
R&S	Spectrum Analyzer	FSV3044	101487	Apr/09/2024	Apr/08/2025
SPEAG	Phantom	mmWave Phantom	N/A	Calibration not required	Calibration not required
LKM	Digital thermometer	DTM3000	3896	Dec/26/2023	Dec/25/2024
TECPEL	Digital thermometer	DTM-303A	TP130077	Sep/25/2023	Sep/24/2024

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11 UNCERTAINTY BUDGET

с	D	е		f	g	h=c * f / e	i=c * g / e	k
Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
6.55%	N	1	1	1	1	6.55%	6.55%	œ
3.50%	R	√ 3	1.732	1	1	2.02%	2.02%	œ
9.60%	R	√ 3	1.732	1	1	5.54%	5.54%	œ
2.40%	R	√3	1.732	1	1	1.40%	1.40%	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
1.00%	R	√ 3	1.732	1	1	0.58%	0.58%	80
4.70%	R	√ 3	1.732	1	1	2.71%	2.71%	80
1.00%	R	√ 3	1.732	1	1	0.58%	0.58%	œ
0.30%	Ν	1	1	1	1	0.30%	0.30%	œ
0.80%	R	√ 3	1.732	1	1	0.46%	0.46%	œ
2.60%	R	√ 3	1.732	1	1	1.50%	1.50%	œ
1.75%	R	√ 3	1.732	1	1	1.01%	1.01%	œ
3.00%	R	√ 3	1.732	1	1	1.73%	1.73%	80
3.00%	R	√ 3	1.732	1	1	1.73%	1.73%	œ
0.40%	R	√ 3	1.732	1	1	0.23%	0.23%	80
2.90%	R	√ 3	1.732	1	1	1.67%	1.67%	œ
1.00%	R	√ 3	1.732	1	1	0.58%	0.58%	œ
1.00%	R	√ 3	1.732	1	1	0.58%	0.58%	œ
2.90%	N	1	1	1	1	2.90%	2.90%	M-1
3.60%	Ν	1	1	1	1	3.60%	3.60%	M-1
5.00%	R	√ 3	1.732	1	1	2.89%	2.89%	ø
4.00%	R	√ 3	1.732	1	1	2.31%	2.31%	œ
0.87%	N	1	1	0.64	0.43	0.56%	0.37%	М
0.34%	Ν	1	1	0.6	0.49	0.20%	0.17%	М
	RSS					11.73%	11.71%	
						23.46%	23.43%	
	Tolerance/ Uncertainty 6.55% 3.50% 9.60% 2.40% 1.00% 4.70% 1.00% 0.30% 0.80% 2.60% 1.75% 3.00% 3.00% 2.90% 1.00% 1.00% 1.00% 2.90% 3.60% 5.00%	Image: constraint of the sector of	Tolerance/ Uncertainty Probability Distributio Div 6.55% N 1 3.50% R \sqrt{3} 9.60% R \sqrt{3} 2.40% R \sqrt{3} 1.00% R \sqrt{3} 0.30% N 1 0.80% R \sqrt{3} 1.00% R \sqrt{3} 1.00% R \sqrt{3} 1.75% R \sqrt{3} 1.00% R \sqrt{3} 1.	Image: constraint of the second se	Image: constraint of the constrant of the constraint of the constraint of the constraint of the	Delay of the set of	Tolerance/ Uncertainty Probability Div Div Div Value ci (10) Standard (100) Standard uncertainty 6.55% N 1 1 1 1 1 2.02% 9.60% R $\sqrt{3}$ 1.732 1 1 1.40% 1.00% R $\sqrt{3}$ 1.732 1 1 0.58% 0.30% R $\sqrt{3}$ 1.732 1 1 0.58% 0.30% R $\sqrt{3}$ 1.732 1 1 1.05% 0.30% R $\sqrt{3}$ 1.732 1 1 1.07% 3.00% R $\sqrt{3}$ 1.732 <t< td=""><td>Tolerance/ Uncertainty Probability Distribution Div Div Div Value (i (19) Ci (109) Standard uncertainty Standard uncertainty 6.55% N 1 1 1 1 6.55% 6.55% 3.50% R $\sqrt{3}$ 1.732 1 1 2.02% 2.02% 9.60% R $\sqrt{3}$ 1.732 1 1 1.40% 1.40% 2.40% R $\sqrt{3}$ 1.732 1 1 1.40% 1.40% 1.00% R $\sqrt{3}$ 1.732 1 1 1.40% 1.40% 1.00% R $\sqrt{3}$ 1.732 1 1 2.71% 2.71% 1.00% R $\sqrt{3}$ 1.732 1 1 0.56% 0.56% 0.30% N 1 1 1 1 1.01% 0.71% 2.60% R $\sqrt{3}$ 1.732 1 1 1.73% 1.73% 3.00%</td></t<>	Tolerance/ Uncertainty Probability Distribution Div Div Div Value (i (19) Ci (109) Standard uncertainty Standard uncertainty 6.55% N 1 1 1 1 6.55% 6.55% 3.50% R $\sqrt{3}$ 1.732 1 1 2.02% 2.02% 9.60% R $\sqrt{3}$ 1.732 1 1 1.40% 1.40% 2.40% R $\sqrt{3}$ 1.732 1 1 1.40% 1.40% 1.00% R $\sqrt{3}$ 1.732 1 1 1.40% 1.40% 1.00% R $\sqrt{3}$ 1.732 1 1 2.71% 2.71% 1.00% R $\sqrt{3}$ 1.732 1 1 0.56% 0.56% 0.30% N 1 1 1 1 1.01% 0.71% 2.60% R $\sqrt{3}$ 1.732 1 1 1.73% 1.73% 3.00%

Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

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Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

A	с	D	е		f	g	h=c * f / e	i=c*g∕e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	~
lsotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
lsotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	~
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	8
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	~
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	~
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	~
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	$^{\infty}$
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	~
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	~
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	8
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	8
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	8
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	8
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	8
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	8
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	~
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	~
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	8
Liquid permittivity (mea.)	0.73%	N	1	1	0.64	0.43	0.47%	0.31%	М
Liquid Conductivity (mea.)	1.45%	N	1	1	0.6	0.49	0.87%	0.71%	М
Combined standard uncertainty		RSS					11.46%	11.43%	
Expant uncertainty (95% confidence interval), K=2							22.92%	22.87%	

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DASY6 Uncertainty Budget According to IEC/IEEE 62209-1528 (Frequency band: 6GHz - 10GHz range)

а	b	с	d		е	е	f=b * e / d	f=b * e / d		
Source of Uncertainty	Uncertainty Value (±%)	Probability Distributioin	Div.	Div. Value	(ci) 1g	(ci) 10g	Std. uncertainty (1g) (±%)	Std. uncertainty (10g) (±%)		
Measurement system errors	·									
Probe calibration	18.6	N	2	2	1	1	9.3	9.3		
Probe Calibration Drift	1.7	R	√3	1.732	1	1	1.0	1.0		
Probe Linearity	4.7	R	√3	1.732	1	1	2.7	2.7		
Broadband Signal	2.8	R	√3	1.732	1	1	1.6	1.6		
Probe Isotropy	7.6	R	√3	1.732	1	1	4.4	4.4		
Data Acquisition	0.3	N	1	1	1	1	0.3	0.3		
RF Ambient	1.8	N	1	1	1	1	1.8	1.8		
Probe positioning	0.2	N	1	1	0.67	0.67	0.1	0.1		
Data Processing	3.5	N	1	1	1	1	3.5	3.5		
Phantom and device errors	•	•	•			•	•	•		
Conductivity (meas.)DAK	2.5	N	1	1	0.78	0.71	2.0	1.8		
Conductivity (temp.)BB	2.4	R	√3	1.732	0.78	0.71	1.1	1.0		
Phantom Permittivity	14.0	R	√3	1.732	0.5	0.5	4.0	4.0		
Distance DUT - TSL	2.0	N	1	1	2	2	4.0	4.0		
Device Positioning (±0.5mm)	1.0	N	1	1	1	1	1.0	1.0		
Device Holder	3.6	N	1	1	1	1	3.6	3.6		
DUT Modulationm	2.4	R	√3	1.732	1	1	1.4	1.4		
Time-average SAR	0.0	R	√3	1.732	1	1	0.0	0.0		
DUT drift	2.5	N	1	1	1	1	2.5	2.5		
Val Antenna Unc.	0.0	N	1	1	1	1	0.0	0.0		
Unc. Input Power	0.0	N	1	1	1	1	0.0	0.0		
Correction to the SAR results	·			• • •						
Deviation to Target	1.90	N	1	1	1	0.84	1.9	1.6		
SAR scaling		R	√3	1.732	1	1	0.0	0.0		
Combined Std. uncertainty							14.0	13.9		
Expanded Std. uncertainty (95% confidence interval), K=2							28.0	27.8		

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cDASY6 Module mmWave Uncertainty Budget for PD Evaluation Distances to the Antennas $\geq N 5$ In Compliance with IEC/IEEE 63195

а	b	с	d		е	f=b * e / d	g
Source of Uncertainty	Uncertainty Value (+-dB)	Probability Distributioin	Div.	Div. Value	ci	Std. uncertainty (+-dB)	(vi) Veff
Uncertainty terms dependent on the	e measurement	system					
Probe calibration	0.49	Ν	1	1	1	0.49	œ
Probe correction	0.00	R	√3	1.732	1	0.00	80
Frequency response (BW \leq 1GHz)	0.20	R	√3	1.732	1	0.12	80
Sensor cross coupling	0.00	R	√3	1.732	1	0.00	80
lsotropy	0.50	R	√3	1.732	1	0.29	80
Linearity	0.20	R	√3	1.732	1	0.12	80
Probe scattering	0.00	R	√3	1.732	1	0.00	8
Probe positioning offset	0.30	R	√3	1.732	1	0.17	8
Probe positioning repeatability	0.04	R	√3	1.732	1	0.02	80
Sensor mechanical offset	0.00	R	√3	1.732	1	0.00	ø
Probe spatial resolution	0.00	R	√3	1.732	1	0.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Field impedance dependance	0.00	R	√3	1.732	1	0.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Amplitude and phase drift	0.00	R	√3	1.732	1	0.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Amplitude and phase noise	0.04	R	√3	1.732	1	0.02	00
Measurement area truncation	0.00	R	√3	1.732	1	0.00	00
Data acquisition	0.03	N	1	1	1	0.03	80
Sampling	0.00	R	√3	1	1	0.00	80
Field reconstruction	2.00	R	√3	1.732	1	1.15	æ
Forward transformation	0.00	R	√3	1.732	1	0.00	8
Power density scaling	-	R	√3	1.732	1	-	8
Spatial averaging	0.10	R	√3	1.732	1	0.06	ø
System detection limit	0.04	R	√3	1.732	1	0.02	80
Uncertainty terms dependent on the	e DUT and envir	onmental facto	ors				
Probe coupling with DUT	0.00	R	√3	1.732	1	0.00	80
Modulation response	0.40	R	√3	1.732	1	0.23	80
Integration time	0.00	R	√3	1.732	1	0.00	æ
Response time	0.00	R	√3	1.732	1	0.00	80
Device holder influence	0.10	R	√3	1.732	1	0.06	æ
DUT alignment	0.00	R	√3	1.732	1	0.00	œ
RF ambient conditions	0.04	R	√3	1.732	1	0.02	80
Ambient reflections	0.04	R	√3	1.732	1	0.02	80
Immunity / secondary reception	0.00	R	√3	1.732	1	0.00	80
Drift of the DUT	-	R	√3	1.732	1	-	æ
Combined Std. uncertainty						1.33	
Expanded Std. uncertainty (95% confidence interval), K=2						2.67	

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12 SAR MEASUREMENT RESULTS

ID: 001

Report No. :TESA2407000466E5

Measurement Report_WLAN 802.11b_Body_Bottom Surface_CH 6_0mm_Main Ambient temperature: 22.1°C; Liquid temperature: 21.5°C

Exposure Conditions

Flat, HSL Bottom Surface, 0.00 2437.0, 6 8.05 1.813 38.938 Hardware Setup Phantom Probe, Calibration Date DAE, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom Sca Grid Extents [mm] 96.0 x 96.0 30.0 x 30.0 x 30.0 x 30 Grid Steps [mm] 12.0 x 12.0 5.0 x 5.0	Phantom Section, TSL	Position, Test Distance [mm]		ency [MHz], nel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity			
Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date DAE, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom Sca Grid Extents [mm] 96.0 x 96.0 30.0 x		Bottom Surface, 0.00					38.938			
ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom Sc. Grid Extents [mm] 96.0 x 96.0 30.0 x 30.0										
Scans Setup Area Scan Zoom Sc. Grid Extents [mm] 96.0 × 96.0 30.0 × 30.					DAE, Calibration Date					
Area Scan Zoom Sca Grid Extents [mm] 96.0 x 96.0 30.0 x 30.0 x 30.0 x 30 30.0 x 30.0 x 30.0 x 30 Grid Steps [mm] 12.0 x 12.0 5.0 x 5.0 x 5 5 Sensor Surface [mm] 3.0 1 Measurement Results Xeas Scan Zoom Sca Date 2024-08-22 2024-08-2 psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.24 psSAR10g [W/kg] 0.211 0.22 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 99	ELI	EX3DV4 - SN7686, 2023-09-21	1		DAE4 S	Sn558, 2023-11-20				
Grid Extents [mm] 96.0 x 96.0 30.0 x 30.0 x 30.0 x 30 Grid Steps [mm] 12.0 x 12.0 5.0 x 5.0 x 5 Sensor Surface [mm] 3.0 1 Measurement Results 3.0 1 Date 2024-08-22 2024-08-22 psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.24 psSAR10g [W/kg] 0.211 0.23 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 9 9	Scans Setup				,					
Grid Steps [mm] 12.0 x 12.0 5.0 x 5.0 x 5 Sensor Surface [mm] 3.0 1 Measurement Results Area Scan Zoom Sca Date 2024-08-22 2024-08-2 psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.23 psSAR10g [W/kg] 0.211 0.23 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 9 9	-				Area Scan		Zoom Scan			
Sensor Surface [mm] 3.0 1 Measurement Results Area Scan Zoom Sca Date 2024-08-22 2024-08-2 psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.29 psSAR10g [W/kg] 0.211 0.22 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 99 99	Grid Extents [mm]				96.0 x 96.0		30.0 x 30.0 x 30.0			
Measurement Results Area Scan Zoom Sca Date 2024-08-22 2024-08-2 psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.29 psSAR10g [W/kg] 0.211 0.25 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 99 Interpolated SAR [W/kg] 99 99	Grid Steps [mm]				12.0 x 12.0		5.0 x 5.0 x 5.0			
Area Scan Zoom Sca Date 2024-08-22 2024-08-22 psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.23 psSAR10g [W/kg] 0.211 0.22 psSAR10g [W/kg] 0.211 0.23 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 9 9	Sensor Surface [mr	n]			3.0		1.4			
Date 2024-08-22 2024-08-2 psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.23 psSAR10g [W/kg] 0.211 0.23 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 9 9	Measurement R	lesults								
Date 2024-08-22 2024-08-2 psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.23 psSAR10g [W/kg] 0.211 0.23 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 9 9					Ar	rea Scan	Zoom Scan			
psSAR1g [W/kg] 0.413 0.44 psSAR8g [W/kg] 0.230 0.24 psSAR10g [W/kg] 0.211 0.23 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 9 9	Date						2024-08-22			
psSAR8g [W/kg] 0.230 0.24 psSAR10g [W/kg] 0.211 0.23 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 9 9	psSAR1g [W/kg]						0.451			
psSAR10g [W/kg] 0.211 0.22 Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 54 Dist 3dB Peak [mm] 9 9						0.230	0.251			
Power Drift [dB] 0.03 0.0 M2/M1 [%] 54 Dist 3dB Peak [mm] 9 Interpolated SAR [W/kg] 9							0.230			
Dist 3dB Peak [mm] 9 Interpolated SAR [W/kg]							0.02			
Dist 3dB Peak [mm] 9 Interpolated SAR [W/kg]	M2/M1 [%]						54.8			
Interpolated SAR [W/kg]		1					9.9			

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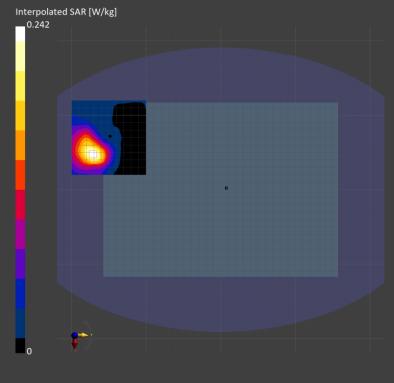


ID: 002 Report No. :TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.2G_Body_Front Edge of Keyboard_CH 42_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat, HSL	Bottom Surface, 0.00	5210.0, 42	42 5.95 4.654		35.689	
Hardware Setup)					
Phantom F	Probe, Calibration Date		DAE, C	alibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20		
Scans Setup						
			Area Scan		Zoom Scar	
Grid Extents [mm]			100.0 x 100.0	24.0 x 24.0 x		
Grid Steps [mm]			10.0 x 10.0	0 x 10.0 4.0 x 4		
Sensor Surface [mr	n]		3.0		1.4	
Measurement R	esults					
			Ar	ea Scan	Zoom Scar	
Date			202	24-08-23	2024-08-23	
psSAR1g [W/kg]			0.181			
psSAR8g [W/kg]			0.085			
psSAR10g [W/kg]			0.077			
Power Drift [dB]				0.03	0.06	
M2/M1 [%]					56.1	
Dist 3dB Peak [mm]]				11.9	



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ID: 003 Report No. :TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Bottom Surface_CH 58_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure	Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversio Factor	on TSL Con [S/m]	ductivity	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	5290.0, 58	5.95	4.736		35.598
Hardware Setup	0					
Phantom	Probe, Calibration Date		D	AE, Calibration D	ate	
	EX3DV4 - SN7686, 2023-09-21		D	AE4 Sn558, 2023	8-11-20	
Scans Setup						
			Area Sc	an		Zoom Scan
Grid Extents [mm]			90.0 x 90			24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10	.0		4.0 x 4.0 x 2.0
Sensor Surface [mr	-		3	.0		1.4
Measurement R	lesults					
				Area Scan		Zoom Scan
Date				2024-08-23		2024-08-23
psSAR1g [W/kg]				0.236		0.250
psSAR8g [W/kg]				0.108		0.122
psSAR10g [W/kg]				0.098		0.112
Power Drift [dB]				0.04		0.03
M2/M1 [%]						55.8
Dist 3dB Peak [mm	ı]					12.0
Interpolated SAR [V 0.319	V/kg]					

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ID: 004 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.6G_Body_Bottom Surface_CH 138_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Exposure Cond					
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	5690.0, 138	5.36	5.146	35.141
Hardware Setu	p				
Phantom	Probe, Calibration Date		DAE, C	Calibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Sca
Grid Extents [mm]			90.0 x 90.0		24.0 x 24.0 x 22.
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.
Sensor Surface [m	im]		3.0		1.4
Measurement F	Results	·			
			Ar	rea Scan	Zoom Scar
Date			202	24-08-23	2024-08-23
psSAR1g [W/kg]				0.206	0.233
psSAR8g [W/kg]				0.092	0.112
psSAR10g [W/kg]				0.083	0.10
Power Drift [dB]				-0.05	0.02
M2/M1 [%]					52.3
Dist 3dB Peak [mn	n]				8.7
Interpolated SAR [1 0.273	w/kgj				

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ID: 005 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Bottom Surface_CH 155_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Grid Extents [mm] 90.0 x 90.0 24.0 x 24.0 x 27 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x 7 Sensor Surface [mm] 3.0 7 Measurement Results Xrea Scan Zoom Sc Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR8g [W/kg] 0.080 0.00 Power Drift [dB] 0.04 0. M2/M1 [%] 52 52		Position, Test Distance [mm]	Frequency [MHz]	Conversion	TCL Conductivity	TOL D. WY Y
Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 Scans Setup DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Grid Extents [mm] 90.0 x 90.0 Sensor Surface [mm] 10.0 x 10.0 Sensor Surface [mm] 3.0 Measurement Results Area Scan Zoom Sc 2024-08-23 Date 2024-08-23 PSSAR1g [W/kg] 0.183 psSAR1g [W/kg] 0.080 psSAR1g [W/kg] 0.04 Dist 3dB Peak [mm] 52					[S/m]	ISL Permittivity
Prantom Probe, Calibration Date DAE, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom Sc Grid Extents [mm] 90.0 x 90.0 24.0 x 24.0 x 22 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x 2 Sensor Surface [mm] 3.0 - Measurement Results - - Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR1g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0 M2/M1 [%] 5 55 Dist 3dB Peak [mm] - -	Flat, HSL	Bottom Surface, 0.00	5775.0, 155	5.10	5.233	35.044
ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Zoom Sc Grid Extents [mm] 90.0 × 90.0 24.0 × 24.0 × 22 Grid Steps [mm] 10.0 × 10.0 4.0 × 40. × 23 Sensor Surface [mm] 3.0 Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR1g [W/kg] 0.080 0.0 psSAR10g [W/kg] 0.04 0.0 psSAR10g [W/kg] 0.04 0.0 psSAR10g [W/kg] 0.04 0.0	Hardware Setup	0				
Area Scan Zoom Sc Grid Extents [mm] 90.0 x 90.0 24.0 x 24.0 x 22 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x 1.0 x Sensor Surface [mm] 3.0 3.0 Measurement Results 3.0 3.0 Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR10g [W/kg] 0.080 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 55 55	Phantom	Probe, Calibration Date		DAE, C	Calibration Date	
Area Scan Zoom Sc Grid Extents [mm] 90.0 x 90.0 24.0 x 24.0 x 22 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x 10.0 Sensor Surface [mm] 3.0 3.0 Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR1g [W/kg] 0.080 0.0 psSAR1g [W/kg] 0.080 0.0 psSAR1g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 5 5 Dist 3dB Peak [mm] 5 5	ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20	
Area Scan Zoom Sc Grid Extents [mm] 90.0 x 90.0 24.0 x 24.0 x 22 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x 10.0 Sensor Surface [mm] 3.0 3.0 Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR1g [W/kg] 0.080 0.0 psSAR1g [W/kg] 0.080 0.0 psSAR1g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 5 5 Dist 3dB Peak [mm] 5 5	Scans Setup					
Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x 2 Sensor Surface [mm] 3.0 3.0 Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR8g [W/kg] 0.080 0.00 psSAR10g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 52 52	•			Area Scan		Zoom Scar
Sensor Surface [mm] 3.0 Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR1g [W/kg] 0.080 0.00 psSAR10g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 52 52 Dist 3dB Peak [mm] 51 52	Grid Extents [mm]			90.0 x 90.0		24.0 x 24.0 x 22.0
Sensor Surface [mm] 3.0 Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR1g [W/kg] 0.080 0.00 psSAR10g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 52 52 Dist 3dB Peak [mm] 54 52	Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Measurement Results Area Scan Zoom Sc Date 2024-08-23		m]				1.4
Area Scan Zoom Sc Date 2024-08-23 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR8g [W/kg] 0.080 0.0 psSAR10g [W/kg] 0.072 0.0 Power Drift [dB] 0.004 0. M2/M1 [%] 52 52 Dist 3dB Peak [mm] 52 52		-				
Date 2024-08-23 2024-08- 2024-08-23 psSAR1g [W/kg] 0.183 0.1 psSAR8g [W/kg] 0.080 0.0 psSAR10g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 52 52 Dist 3dB Peak [mm] 52 52				Ar	ea Scan	Zoom Scar
psSAR1g [W/kg] 0.183 0.1 psSAR8g [W/kg] 0.080 0.00 psSAR10g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 52 52 Dist 3dB Peak [mm] 52 52 Interpolated SAR [W/kg] 0.248 0.248	Date					2024-08-23
psSAR8g [W/kg] 0.080 0.0 psSAR10g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 52 52 Dist 3dB Peak [mm] 52 52 Interpolated SAR [W/kg] 52 52 0.248 0.248 52 52	psSAR1g [W/kg]					0.196
psSAR10g [W/kg] 0.072 0.0 Power Drift [dB] 0.04 0. M2/M1 [%] 52 52 Dist 3dB Peak [mm] 52 52 Interpolated SAR [W/kg] 0.248 52						0.094
Power Drift [dB] 0.04 0. M2/M1 [%] Dist 3dB Peak [mm] 0.248 0.248						0.086
M2/M1 [%] Dist 3dB Peak [mm]						0.02
Dist 3dB Peak [mm]						52.7
Interpolated SAR [W/kg] 0.248]				7.2
		2				

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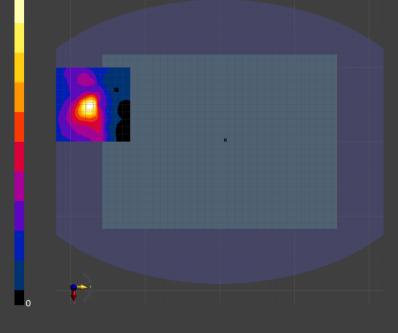


ID: 006 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Bottom Surface_CH 163_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency Channel Nu		Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat, HSL	Bottom Surface, 0.00	5815.0, 163	3	5.10	5.274	34.998	
Hardware Setu	p			·			
Phantom	Probe, Calibration Date			DAE, C	Calibration Date		
ELI	ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20						
Scans Setup							
				Area Scan		Zoom Scan	
Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.0		
Grid Steps [mm]				10.0 x 10.0		4.0 x 4.0 x 2.0	
Sensor Surface [mm]				3.0		1.4	
Measurement I	Results						
				Ar	ea Scan	Zoom Scan	
Date				202	24-08-23	2024-08-23	
psSAR1g [W/kg]					0.174	0.192	
psSAR8g [W/kg]					0.077	0.093	
psSAR10g [W/kg]			0.069			0.085	
Power Drift [dB]					0.04	0.03	
M2/M1 [%]						51.5	
Dist 3dB Peak [mn	n]					7.2	
Interpolated SAR [0.233	W/kg]						



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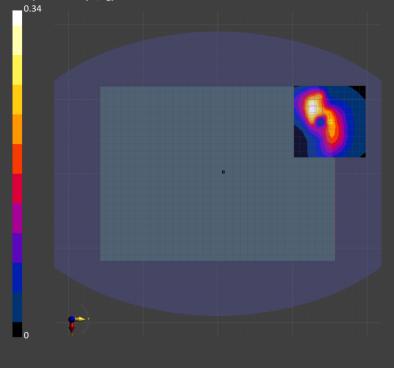


ID: 007 Report No. : TESA2407000466E5 Measurement Report_WLAN 802.11b_Body_Bottom Surface_CH 6_0mm_Aux Ambient temperature: 22.1°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section,			uency [MHz], Conversion		TSL Permittivity	
TSL		Channel Number	Factor	[S/m]	-	
Flat, HSL	Bottom Surface, 0.00	2437.0, 6	437.0, 6 8.05 1.813		38.938	
Hardware Setu	0					
Phantom Probe, Calibration Date DAE, Calibration Date						
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20		
Scans Setup						
			Area Scan		Zoom Scar	
Grid Extents [mm]			96.0 x 96.0	30.0 x 30.0 x		
Grid Steps [mm]			12.0 x 12.0	5.0 x 5.0 x		
Sensor Surface [m	m]		3.0	3.0		
Measurement F	Results					
			Area	a Scan	Zoom Scar	
Date			2024-08-22			
psSAR1g [W/kg]			0.272			
psSAR8g [W/kg]			0.151			
psSAR10g [W/kg]			0.139			
Power Drift [dB]	ower Drift [dB] 0.02			0.02		
M2/M1 [%]					53.3	





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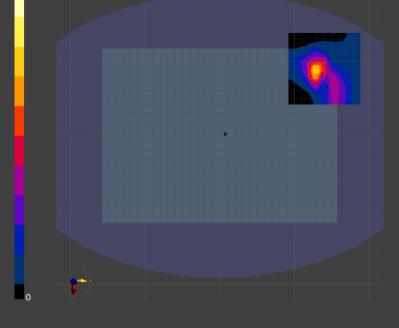
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ID: 008 Report No. : TESA2407000466E5 Measurement Report_Bluetooth(GFSK)_Body_Bottom Surface_CH 0_0mm_Aux Ambient temperature: 22.1°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]		ency [MHz], nel Number	Convers Factor	sion	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	2402.	0, 0	8.05		1.783	39.000
Hardware Setu	р						
Phantom	Probe, Calibration Date				DAE, C	alibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21				DAE4 S	Sn558, 2023-11-20	
Scans Setup							
				Area S	Scan		Zoom Scar
Grid Extents [mm]				96.0 x 9	96.0		30.0 x 30.0 x 30.0
Grid Steps [mm]				12.0 x	12.0		5.0 x 5.0 x 5.0
Sensor Surface [mm]					3.0		1.4
Measurement F	Results						
					Are	ea Scan	Zoom Scar
Date					202	4-08-22	2024-08-22
psSAR1g [W/kg]						0.057	0.061
psSAR8g [W/kg]						0.031	0.033
psSAR10g [W/kg]						0.029	0.030
Power Drift [dB]						0.04	0.05
M2/M1 [%]							52.5
Dist 3dB Peak [mn	ז]						9.9
Interpolated SAR [\ 0.1	N/kg]						



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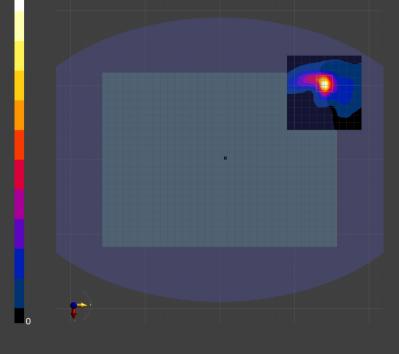
ID: 009 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Front Edge of Keyboard_CH 50_0mm_Aux

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]		uency [MHz], nel Number	Conversior Factor	n TSL C [S/m]	Conductivity	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	5250	.0, 50	5.95	4.695		35.644
Hardware Setu	p						
Phantom	Probe, Calibration Date			DA	E, Calibration	n Date	
ELI	EX3DV4 - SN7686, 2023-09-21			DA	E4 Sn558, 20	023-11-20	
Scans Setup							
				Area Sca	n		Zoom Scan
Grid Extents [mm]				90.0 x 90.0	0		24.0 x 24.0 x 22.0
Grid Steps [mm]				10.0 x 10.0	0		4.0 x 4.0 x 2.0
Sensor Surface [m	m]			3.0	0		1.4
Measurement F	Results						
					Area Scan		Zoom Scan
Date					2024-08-23		2024-08-23
psSAR1g [W/kg]					0.430		0.495
psSAR8g [W/kg]					0.166		0.194
psSAR10g [W/kg]					0.147		0.172
Power Drift [dB]					0.02		0.01
M2/M1 [%]							57.4
Dist 3dB Peak [mn	ז]						7.4
Interpolated SAR [\ 0.656	N/kg]						



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ID: 010 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Bottom Surface_CH 58_0mm_Aux

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequenc Channel N		Conversi Factor		SL Conductivity 5/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	5290.0, 5	3	5.95	4.	736	35.598
Hardware Setu							
	Probe, Calibration Date			[DAE, Calibr	ation Date	
	EX3DV4 - SN7686, 2023-09-21			[DAE4 Sn55	8, 2023-11-20	
Scans Setup							
				Area So			Zoom Scar
Grid Extents [mm]				90.0 x 9			24.0 x 24.0 x 22.0
Grid Steps [mm]				10.0 x 1			4.0 x 4.0 x 2.0
Sensor Surface [m	-				3.0		1.4
Measurement F	Results		1				
					Area S		Zoom Scar
Date					2024-08		2024-08-23
psSAR1g [W/kg]						522	0.600
psSAR8g [W/kg]						201	0.232
psSAR10g [W/kg]						177	0.203
Power Drift [dB]					0	.02	-0.03
M2/M1 [%]							57.2
Dist 3dB Peak [mm	ı]						7.6
Dist 3dB Peak [mm Interpolated SAR [V 0.793	-		•				

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ID: 011

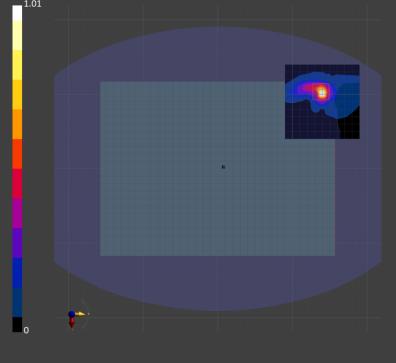
Report No. :TESA2407000466E5

Measurement Report_WLAN 8	02.11ac(80M) 5.6G_	Body_Bottom	Surface_CH 13	38_0mm_Aux
Ambiant tomporature: 22 2°C:	iquid tomporaturo	21 300		

Ampient temperature: 22.2°C; Liquid temperature: 21.3°C ~ .1:4:

Exposure	Condi	tions
Dhantam Ca	ation	Desitie

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	5690.0, 138	5.36	5.146	35.141
Hardware Setup					
Phantom P	robe, Calibration Date		DAE, C	alibration Date	
ELI E	X3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20	
Scans Setup					
-			Area Scan		Zoom Scan
Grid Extents [mm]			90.0 x 90.0		24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Sensor Surface [mm	1]		3.0		1.4
Measurement Re	esults	·			
			Ar	ea Scan	Zoom Scan
Date			202	4-08-23	2024-08-23
psSAR1g [W/kg]				0.650	0.767
psSAR8g [W/kg]				0.238	0.278
psSAR10g [W/kg]				0.210	0.243
Power Drift [dB]				0.01	0.04
M2/M1 [%]					53.3
Dist 3dB Peak [mm]					7.6



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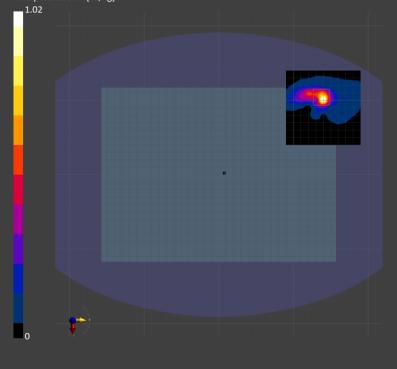
ID: 012 Report No. :TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Bottom Surface_CH 155_0mm_Aux Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

s

EX	ро	su	ire	Co	nc	liti	10	າ

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversi Factor		SL Conductivity S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	5775.0, 155	5.10	5	.233	35.044
Hardware Setup)					
Phantom I	Probe, Calibration Date		C	DAE, Calibr	ation Date	
ELI I	EX3DV4 - SN7686, 2023-09-21		C	DAE4 Sn55	8, 2023-11-20	
Scans Setup						
			Area So	can		Zoom Scar
Grid Extents [mm]			90.0 x 9	0.0		24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10	0.0		4.0 x 4.0 x 2.0
Sensor Surface [mr	n]		:	3.0		1.4
Measurement R	esults					
				Area S	can	Zoom Scar
Date				2024-08	3-23	2024-08-23
psSAR1g [W/kg]				0.	652	0.782
psSAR8g [W/kg]				0.	238	0.282
psSAR10g [W/kg]				0.	210	0.246
Power Drift [dB]				C).05	0.03
M2/M1 [%]						52.5
Dist 3dB Peak [mm]					7.6



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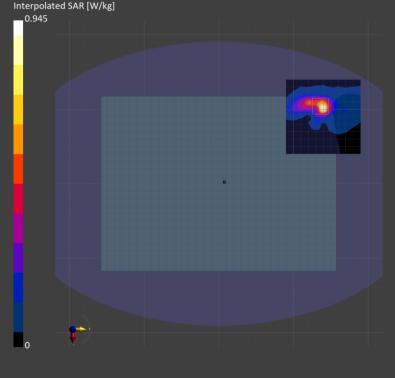


ID: 013 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Bottom Surface_CH 163_0mm_Aux Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Bottom Surface, 0.00	5815.0, 163	5.10	5.274	34.998
robe, Calibration Date		DAE, C	alibration Date	
X3DV4 - SN7686, 2023-09-21		DAE4 S	558, 2023-11-20	
		Area Scan		Zoom Scan
		100.0 x 100.0		24.0 x 24.0 x 22.0
		10.0 x 10.0		4.0 x 4.0 x 2.0
1]		3.0		1.4
esults				
		Are	ea Scan	Zoom Scan
		202	4-08-23	2024-08-23
			0.612	0.723
		0.227		0.263
		0.201		0.231
			0.04	0.03
				52.4
				7.6
	Bottom Surface, 0.00 Probe, Calibration Date (X3DV4 - SN7686, 2023-09-21 b] esults	Channel Number Bottom Surface, 0.00 5815.0, 163 Probe, Calibration Date X3DV4 - SN7686, 2023-09-21 Probe Probe Probe Sufficient Probe Bottom Surface, 0.00 5815.0, 163 Probe Sufficient Probe Probe Sufficient Probe Probe Probe Sufficient Probe Probe Sufficient Probe Probe <td< td=""><td>Channel Number Factor Bottom Surface, 0.00 5815.0, 163 5.10 Probe, Calibration Date DAE, C X3DV4 - SN7686, 2023-09-21 DAE4 S Area Scan 100.0 x 100.0 100.0 x 100.0 3.0 esults Area</td><td>Channel Number Factor [S/m] Bottom Surface, 0.00 5815.0, 163 5.10 5.274 Probe, Calibration Date DAE, Calibration Date DAE Calibration Date X3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 DAE4 Sn558, 2023-11-20 Area Scan 100.0 x 100.0 100.0 x 100.0 100.0 x 100.0 3.0 3.0 esults Area Scan 0.612 0.612 0.227 0.201 0.201 0.04 0.04</td></td<>	Channel Number Factor Bottom Surface, 0.00 5815.0, 163 5.10 Probe, Calibration Date DAE, C X3DV4 - SN7686, 2023-09-21 DAE4 S Area Scan 100.0 x 100.0 100.0 x 100.0 3.0 esults Area	Channel Number Factor [S/m] Bottom Surface, 0.00 5815.0, 163 5.10 5.274 Probe, Calibration Date DAE, Calibration Date DAE Calibration Date X3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 DAE4 Sn558, 2023-11-20 Area Scan 100.0 x 100.0 100.0 x 100.0 100.0 x 100.0 3.0 3.0 esults Area Scan 0.612 0.612 0.227 0.201 0.201 0.04 0.04



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ID: 014 Report No. : TESA2407000466E5 Measurement Report_WLAN 802.11b_Body_Back Surface_CH 1_0mm_Main

Ambient temperature: 22.1°C; Liquid temperature: 21.5°C

Exposure Conditions

Exposure Cond					
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	2412.0, 1	8.05	1.791	38.983
Hardware Setup)				
Phantom	Probe, Calibration Date		DAE, C	Calibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21	1	DAE4 S	Sn558, 2023-11-20	
Scans Setup			·		
			Area Scan		Zoom Scar
Grid Extents [mm]			84.0 x 84.0		30.0 x 30.0 x 30.0
Grid Steps [mm]			12.0 x 12.0		5.0 x 5.0 x 5.0
Sensor Surface [mr	m]		3.0		1.4
Measurement R	-				
			Ar	rea Scan	Zoom Scar
Date				24-08-22	2024-08-22
psSAR1g [W/kg]				0.808	0.865
psSAR8g [W/kg]				0.441	0.496
psSAR10g [W/kg]				0.404	0.456
Power Drift [dB]				0.02	-0.0
M2/M1 [%]					55.8
Dist 3dB Peak [mm	1				9.5

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ID: 015 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Back Surface_CH 50_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Exposure Cond	litions				
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5250.0, 50	5.95	4.695	35.644
Hardware Setu	0				
Phantom	Probe, Calibration Date		DAE, C	alibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	n558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scar
Grid Extents [mm]			100.0 x 100.0		24.0 x 22.0 x 22.0
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Sensor Surface [m	m]		3.0		1.4
Measurement F	Results				
			Are	ea Scan	Zoom Scar
Date			202	4-08-23	2024-08-23
psSAR1g [W/kg]				1.05	1.16
psSAR8g [W/kg]				0.420	0.464
psSAR10g [W/kg]				0.370	0.409
Power Drift [dB]				0.02	0.03
M2/M1 [%]					53.6
Dist 3dB Peak [mm	1]				6.8
Interpolated SAR [V					

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ID: 016 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Back Surface_CH 58_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure	Conditions

TSL Channel Number Factor [S/m] Image: Construct of the state of the s	Exposure cond					
Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date DAE, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom Sc Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 Measurement Results Date 2024-08-23 psSAR1g [W/kg] 0.987 1 psSAR1g [W/kg] 0.350 0.3 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5		Position, Test Distance [mm]				TSL Permittivity
Phantom Probe, Calibration Date DAE, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom Sc Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 4.0 x 4.0 x Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08 psSAR1g [W/kg] 0.397 1 psSAR8g [W/kg] 0.350 0.3 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 5 5	Flat, HSL	Back Surface, 0.00	5290.0, 58	5.95	4.736	35.598
ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom Sc Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 4.0 x 4.0 x Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08 psSAR1g [W/kg] 0.397 0.4 psSAR1g [W/kg] 0.397 0.4 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 5 Dist 3dB Peak [mm] 5 5 5	Hardware Setup)				
Scans Setup Area Scan Zoom Sc Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 0 x 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x 0 x 3.0 0 <td< td=""><td>Phantom I</td><td>Probe, Calibration Date</td><td></td><td>DAE, Ca</td><td>alibration Date</td><td></td></td<>	Phantom I	Probe, Calibration Date		DAE, Ca	alibration Date	
Area Scan Zoom Sc Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x x Sensor Surface [mm] 3.0 3.0 3.0 3.0 Measurement Results Xeasan Zoom Sc Score Sc Date 2024-08-23 2024-08 2024-08 psSAR1g [W/kg] 0.987 1 1 psSAR8g [W/kg] 0.397 0.4 0 psSAR10g [W/kg] 0.350 0.350 0.350 Power Drift [dB] 0.04 0 0 M2/M1 [%] 5 5 5 Dist 3dB Peak [mm] 1 5 5	ELI I	EX3DV4 - SN7686, 2023-09-21		DAE4 S	n558, 2023-11-20	
Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 3.0 Measurement Results 3.0 Date 2024-08-23 2024-08 psSAR1g [W/kg] 0.987 1 psSAR8g [W/kg] 0.397 0.4 psSAR10g [W/kg] 0.350 0.3 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 1 5	Scans Setup					
Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 Measurement Results 3.0 Date 2024-08-23 2024-08 psSAR1g [W/kg] 0.987 1 psSAR8g [W/kg] 0.397 0.4 psSAR10g [W/kg] 0.350 0.3 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 5 5				Area Scan		Zoom Scar
Sensor Surface [mm] 3.0 Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08 psSAR1g [W/kg] 0.987 1 psSAR8g [W/kg] 0.397 0.4 psSAR10g [W/kg] 0.350 0.3 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 1 5	Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.0
Measurement Results Area Scan Zoom Sc Date 2024-08-23 2024-08 psSAR1g [W/kg] 0.987 1 psSAR8g [W/kg] 0.397 0.4 psSAR10g [W/kg] 0.350 0.3 Power Drift [dB] 0.04 0 Multiple 0.04 0 Multiple 0.04 0	Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Area Scan Zoom Sc Date 2024-08-23 2024-08 psSAR1g [W/kg] 0.987 1 psSAR8g [W/kg] 0.397 0.4 psSAR10g [W/kg] 0.350 0.350 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 1 5	Sensor Surface [mr	m]		3.0		1.4
Date 2024-08-23 2024-08 psSAR1g [W/kg] 0.987 1 psSAR8g [W/kg] 0.397 0.4 psSAR10g [W/kg] 0.350 0.5 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 1 5	Measurement R	lesults				
psSAR1g [W/kg] 0.987 1 psSAR8g [W/kg] 0.397 0.4 psSAR10g [W/kg] 0.350 0.5 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 1 5				Are	a Scan	Zoom Scar
psSAR8g [W/kg] 0.397 0.4 psSAR10g [W/kg] 0.350 0.3 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 5	Date			2024	4-08-23	2024-08-23
psSAR10g [W/kg] 0.350 0.3 Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 0 1	psSAR1g [W/kg]				0.987	1.16
Power Drift [dB] 0.04 0 M2/M1 [%] 5 5 Dist 3dB Peak [mm] 5 5	psSAR8g [W/kg]				0.397	0.454
M2/M1 [%] 5 Dist 3dB Peak [mm] 5	psSAR10g [W/kg]				0.350	0.399
Dist 3dB Peak [mm] Interpolated SAR [W/kg]	Power Drift [dB]				0.04	0.03
Interpolated SAR [W/kg]	M2/M1 [%]					53.7
	Dist 3dB Peak [mm]				7.2

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ID: 017

Report No. :TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.6G	_Body_Back Surface	_CH 138_0mm_Main
Ambiant tomporature: 22 2°C: Liquid tomporatur	N 21 2°C	

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C S

EX	pos	sure	Cond	diti	on	15

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5690.0, 138	5.36	5.146	35.141
Hardware Setup	0				
Phantom	Probe, Calibration Date		DAE, C	alibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21	1	DAE4 S	Sn558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scar
Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Sensor Surface [mi	m]		3.0		1.4
Measurement R	lesults				
			Are	ea Scan	Zoom Scar
Date			202	4-08-23	2024-08-23
psSAR1g [W/kg]				0.770	0.967
psSAR8g [W/kg]				0.307	0.349
psSAR10g [W/kg]				0.270	0.307
Power Drift [dB]				0.03	0.04
M2/M1 [%]					54.2
Dist 3dB Peak [mm]				6.1
Interpolated SAR [V	V/kg]				

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ID: 018 Report No. :TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Back Surface_CH 155_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

|--|

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5775.0, 155	5.10	5.233	35.044
Hardware Setu					
Phantom	Probe, Calibration Date		DAE, (Calibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Sca
Grid Extents [mm]			90.0 x 90.0		24.0 x 24.0 x 22
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.
Sensor Surface [m			3.0		1.
Measurement F	Results				
			A	rea Scan	Zoom Sca
Date			20	24-08-23	2024-08-2
psSAR1g [W/kg]				0.694	1.0
psSAR8g [W/kg]				0.279	0.37
psSAR10g [W/kg]				0.246	0.32
Power Drift [dB]				0.04	0.0
M2/M1 [%]					53.
Dist 3dB Peak [mm	n]				6.
	2				

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ID: 019 Report No. :TESA2407000466E5

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Back Surface_CH 163_0mm_Main Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure	Conditions

Lxposule collu					
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5815.0, 163	5.10	5.274	34.998
Hardware Setur	0				
Phantom	Probe, Calibration Date		DAE, C	alibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	558, 2023-11-20	
Scans Setup					
•			Area Scan		Zoom Sca
Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.
Sensor Surface [mi	m]		3.0		1.
Measurement R	Results		·		
			Are	ea Scan	Zoom Sca
Date			202	4-08-23	2024-08-23
psSAR1g [W/kg]				0.615	0.76
psSAR8g [W/kg]				0.246	0.274
psSAR10g [W/kg]				0.218	0.24
Power Drift [dB]				0.04	0.0
M2/M1 [%]					54.
Dist 3dB Peak [mm	1]				5.7
0.845					

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ID: 020 Report No. : TESA2407000466E5 Measurement Report_WLAN 802.11b_Body_Back Surface_CH 1_0mm_Aux

Ambient temperature: 22.1°C; Liquid temperature: 21.5°C

Exposure Conditions

Exposure Cond						
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz Channel Numbe		TSL Conductivity [S/m]	TSL Permittivity	
Flat, HSL	Back Surface, 0.00	2412.0, 1	8.05	1.791	38.983	
Hardware Setup)					
Phantom F	Probe, Calibration Date		DAE, C	Calibration Date		
	EX3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20		
Scans Setup						
-			Area Scan		Zoom Scar	
Grid Extents [mm]			84.0 x 84.0 30.0 x 3			
Grid Steps [mm]			12.0 x 12.0		5.0 x 5.0 x 5.0	
Sensor Surface [mn	n]		3.0		1.4	
Measurement R	-					
			Ar	ea Scan	Zoom Scar	
Date				24-08-22	2024-08-22	
psSAR1g [W/kg]				0.807	0.81	
psSAR8g [W/kg]				0.451	0.448	
psSAR10g [W/kg]				0.413	0.429	
Power Drift [dB]				0.04	-0.04	
M2/M1 [%]				0.01	61.9	
Dist 3dB Peak [mm]	1				13.2	

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ID: 021 Report No. : TESA2407000466E5 Measurement Report_Bluetooth(GFSK)_Body_Back Surface_CH 0_0mm_Aux Ambient temperature: 22.1°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section,	Position, Test Distance [mm]	Frequency [MHz],	Conversion	TSL Conductivity	TSL Permittivity
TSL		Channel Number	Factor	[S/m]	ISL Ferminivity
Flat, HSL	Back Surface, 0.00	2402.0, 0	8.05	1.783	39.000
Hardware Setup					
Phantom P	Probe, Calibration Date		DAE, C	Calibration Date	
ELI E	EX3DV4 - SN7686, 2023-09-21	1	DAE4 S	Sn558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scar
Grid Extents [mm]			96.0 x 96.0		30.0 x 30.0 x 30.0
Grid Steps [mm]			12.0 x 12.0		5.0 x 5.0 x 5.0
Sensor Surface [mm	n]		3.0		1.4
Measurement Re	esults				
			Ar	ea Scan	Zoom Scan
Date			202	24-08-22	2024-08-22
psSAR1g [W/kg]				0.244	0.257
psSAR8g [W/kg]				0.137	0.148
psSAR10g [W/kg]				0.125	0.136
Power Drift [dB]				0.04	0.03
M2/M1 [%]					62.4
Dist 3dB Peak [mm]					12.1
Interpolated SAR [W, 0.3	//kg]				
		10			

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Report No. : TESA2407000466E5

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Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Back Surface_CH 50_0mm_Aux
Ambient temperature: 22.2°C; Liquid temperature: 21.3°C
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Exposure Conditions

Phantom Section, FSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5250.0, 50	5.95	4.695	35.644
lardware Setup)				
Phantom	Probe, Calibration Date		DAE, C	alibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	n558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scar
Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Sensor Surface [mr	-		3.0		1.4
Measurement R	esults				
				ea Scan	Zoom Scar
Date			202	4-08-23	2024-08-23
osSAR1g [W/kg]				0.927	1.17
osSAR8g [W/kg]				0.351	0.427
osSAR10g [W/kg]				0.307	0.372
Power Drift [dB]				0.03	0.01
M2/M1 [%]					54.5
Dist 3dB Peak [mm]				7.3
Interpolated SAR [W	//Kg]				

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ID: 023 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Back Surface_CH 58_0mm_Aux

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5290.0, 58	5.95	4.736	35.598
Hardware Setu	p				
Phantom	Probe, Calibration Date		DAE, C	alibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	n558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scan
Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Sensor Surface [m	m]		3.0		1.4
Measurement F	Results				
			Are	ea Scan	Zoom Scar
Date			202	4-08-23	2024-08-23
psSAR1g [W/kg]				0.842	1.02
psSAR8g [W/kg]				0.317	0.370
psSAR10g [W/kg]				0.277	0.322
Power Drift [dB]			0.05		0.02
M2/M1 [%]					53.3
Dist 3dB Peak [mm	ז]				6.5
Interpolated SAR [\ 1.17	N/kg]				

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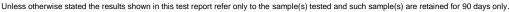
ID: 024 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.6G_Body_Back Surface_CH 106_0mm_Aux

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Exposure Cond	luona				
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz] Channel Number	, Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5530.0, 106	5.18	4.983	35.324
Hardware Setup)				·
Phantom F	Probe, Calibration Date		DAE,	Calibration Date	
ELI E	EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scan
Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Sensor Surface [mr	-		3.0		1.4
Measurement R	esults				
			ŀ	Area Scan	Zoom Scan
Date			20)24-08-23	2024-08-23
psSAR1g [W/kg]				0.942	1.17
psSAR8g [W/kg]				0.356	0.411
psSAR10g [W/kg]				0.310	0.356
Power Drift [dB]				0.05	0.02
M2/M1 [%]					54.6
Dist 3dB Peak [mm]				6.5
Interpolated SAR [W	//kg]				



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ID: 025 Report No. : TESA2407000466E5

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Back Surface_CH 155_0mm_Aux

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5775.0, 155	5.10	5.233	35.044
Hardware Setur	0			·	
Phantom	Probe, Calibration Date		DAE, C	alibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	in558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scan
Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Sensor Surface [mi	m]		3.0		1.4
Measurement R	lesults				
			Are	ea Scan	Zoom Scan
Date			202	4-08-23	2024-08-23
psSAR1g [W/kg]				0.801	0.895
psSAR8g [W/kg]				0.295	0.321
psSAR10g [W/kg]				0.256	0.279
Power Drift [dB]			0.01		0.04
M2/M1 [%]					54.9
Dist 3dB Peak [mm	1]				6.5
Interpolated SAR [V .1.08	V/kg]				

n

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ID: 026 Report No. :TESA2407000466E5

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Back Surface_CH 163_0mm_Aux Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure (Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5815.0, 163	5.10	5.274	34.998
Hardware Setu	р				
Phantom	Probe, Calibration Date		DAE, C	alibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scan
Grid Extents [mm]			100.0 x 100.0		24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10.0		4.0 x 4.0 x 2.0
Sensor Surface [m	m]		3.0		1.4
Measurement F	Results				
			Are	ea Scan	Zoom Scan
Date			202	4-08-23	2024-08-23
psSAR1g [W/kg]				0.699	0.812
psSAR8g [W/kg]				0.258	0.291
psSAR10g [W/kg]				0.224	0.253
Power Drift [dB]				0.02	0.03
M2/M1 [%]					54.4
Dist 3dB Peak [mn	n]				6.5
Interpolated SAR [1 0.952	W/kg]				

n

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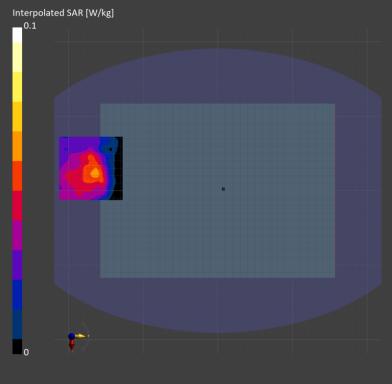


ID: 027 Report No. : TESA2407000466E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Bottom Surface_CH 63_0mm_Main Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

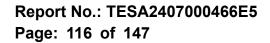
Exposure Conditions

Exposure Cond					
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6265.0, 63	6.21	5.740	34.468
Hardware Setu	р				
Phantom	Probe, Calibration Date		DAE,	Calibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scar
Grid Extents [mm]			85.0 x 85.0		22.0 x 22.0 x 22.0
Grid Steps [mm]			8.5 x 8.5	3.4 x 3	
Sensor Surface [m	m]		3.0		
Measurement F	Results				
				Area Scan	Zoom Scar
Date				2024-08-24	2024-08-24
psSAR1g [W/kg]			0.049		0.033
psSAR8g [W/kg]			0.024		0.016
psSAR10g [W/kg]			0.022		0.014
psPDab (4.0cm2, s	sq) [W/m2]				0.314
Power Drift [dB]				0.02	0.03
M2/M1 [%]					56.4
Dist 3dB Peak [mn	n]				9.2



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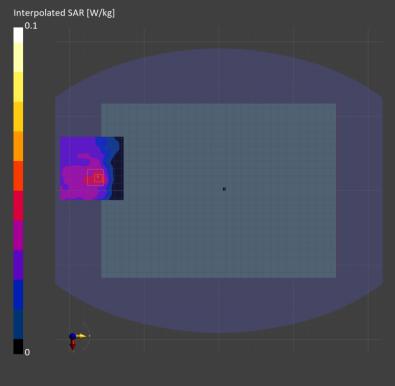


Report No. : TESA2407000466E5

```
Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Bottom Surface_CH 111_0mm_Main
Ambient temperature: 22.4°C; Liquid temperature: 21.1°C
```

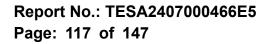
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6505.0, 111	6.21	5.992	34.180
Hardware Setur	D			ŀ	
Phantom	Probe, Calibration Date		DAE, C	Calibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20	
Scans Setup					
			Area Scan		Zoom Scar
Grid Extents [mm]			85.0 x 85.0		22.0 x 22.0 x 22.0
Grid Steps [mm]			8.5 x 8.5		3.4 x 3.4 x 1.4
Sensor Surface [mi	m]		3.0		1.4
Measurement R	Results				
				Area Scan	Zoom Scar
Date				2024-08-24	2024-08-24
psSAR1g [W/kg]				0.040	0.026
psSAR8g [W/kg]				0.019	0.012
psSAR10g [W/kg]				0.018	0.011
psPDab (4.0cm2, s	q) [W/m2]				0.236
Power Drift [dB]				0.05	0.03
M2/M1 [%]					56.2
Dist 3dB Peak [mm]				11.4



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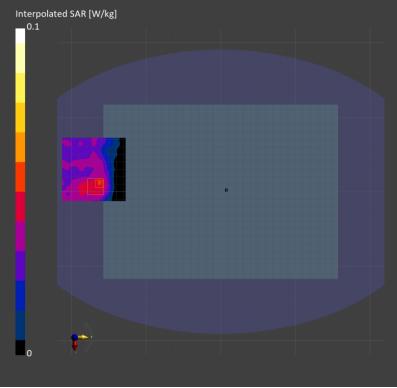


Report No. : TESA2407000466E5

```
Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Bottom Surface_CH 159_0mm_Main
Ambient temperature: 22.4°C; Liquid temperature: 21.1°C
```

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductiv [S/m]	ity TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6745.0, 159	6.21	6.246	33.892
Hardware Setup)	·			
Phantom	Probe, Calibration Date		DAE	, Calibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE	4 Sn558, 2023-11-20)
Scans Setup					
			Area Scan		Zoom Scar
Grid Extents [mm]			85.0 x 85.0		22.0 x 22.0 x 22.0
Grid Steps [mm]			8.5 x 8.5		3.4 x 3.4 x 1.4
Sensor Surface [mr	n]		3.0		1.4
Measurement R	lesults				
				Area Scan	Zoom Scar
Date				2024-08-24	2024-08-24
psSAR1g [W/kg]				0.042	0.026
psSAR8g [W/kg]			0.020		0.012
psSAR10g [W/kg]			0.018		0.011
psPDab (4.0cm2, s	q) [W/m2]				0.236
Power Drift [dB]				0.04	0.02
M2/M1 [%]					52.6
Dist 3dB Peak [mm]				13.9



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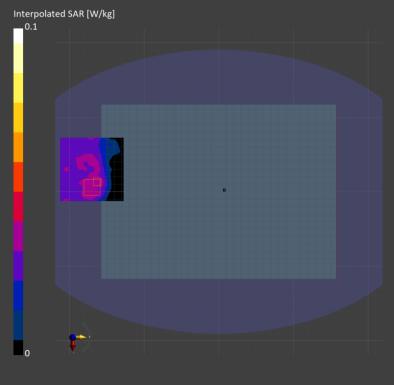


Report No. : TESA2407000466E5

```
Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Bottom Surface_CH 191_0mm_Main
Ambient temperature: 22.4°C; Liquid temperature: 21.1°C
```

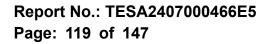
Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat, HSL	Bottom Surface, 0.00	6905.0, 191	6.46	6.417	33.700	
Hardware Setup)			·		
Phantom	Probe, Calibration Date		DAE,	Calibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20		
Scans Setup						
			Area Scan		Zoom Scan	
Grid Extents [mm]			85.0 x 85.0		22.0 x 22.0 x 22.0	
Grid Steps [mm]			8.5 x 8.5		3.4 x 3.4 x 1.4	
Sensor Surface [mr	n]		3.0			
Measurement R	lesults					
				Area Scan	Zoom Scar	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]			0.034		0.021	
psSAR8g [W/kg]			0.016		0.009	
psSAR10g [W/kg]			0.015		300.0	
psPDab (4.0cm2, s	q) [W/m2]				0.180	
Power Drift [dB]				0.05	0.03	
M2/M1 [%]					53.0	
Dist 3dB Peak [mm]				14.1	



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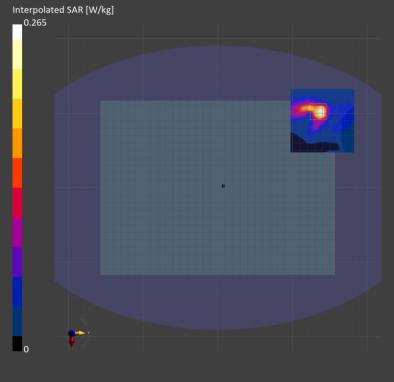


Report No. : TESA2407000466E5

```
Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Bottom Surface_CH 31_0mm_Aux
Ambient temperature: 22.4°C; Liquid temperature: 21.1°C
```

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6105.0, 31	6.21	5.573	34.660
Hardware Setup)				
Phantom	Probe, Calibration Date		DAE, C	Calibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20	
Scans Setup			·		
			Area Scan		Zoom Scar
Grid Extents [mm]			85.0 x 85.0		22.0 x 22.0 x 22.0
Grid Steps [mm]			8.5 x 8.5		3.4 x 3.4 x 1.4
Sensor Surface [mr	n]		3.0		1.4
Measurement R	lesults				
				Area Scan	Zoom Scar
Date				2024-08-24	2024-08-24
psSAR1g [W/kg]			0.191		0.203
psSAR8g [W/kg]				0.072	0.067
psSAR10g [W/kg]			0.064		0.058
psPDab (4.0cm2, s	q) [W/m2]				1.34
Power Drift [dB]				0.05	-0.03
M2/M1 [%]					57.1
Dist 3dB Peak [mm]				6.9
				·	



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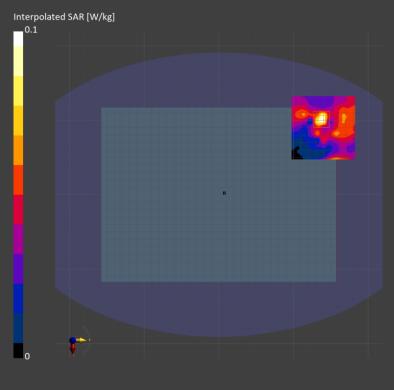


Report No. : TESA2407000466E5

Measurement Report_U-NII-6 6.5GHz 802.11ac(160M)_Body_Front Edge of Laptop_CH 111_0mm_Aux
Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Convers Factor	ion TSL Con [S/m]	ductivity	TSL Permittivity	
Flat, HSL	Bottom Surface, 0.00	6505.0, 111	6.21	5.992		34.180	
Hardware Setup)						
Phantom	Probe, Calibration Date			DAE, Calibration D	ate		
ELI	EX3DV4 - SN7686, 2023-09-21			DAE4 Sn558, 2023	-11-20		
Scans Setup							
			Area S	can		Zoom Scar	
Grid Extents [mm]			85.0 x 8	35.0	22.0 x 2		
Grid Steps [mm]			8.5 x	8.5	3.4 x 3.4		
Sensor Surface [mr	n]			3.0		1.4	
Measurement R	lesults						
				Area Sc	an	Zoom Scar	
Date				2024-08-	24	2024-08-24	
psSAR1g [W/kg]				0.0	74	0.071	
psSAR8g [W/kg]			0.028		28	0.021	
psSAR10g [W/kg]			0.025		0.018		
psPDab (4.0cm2, s	q) [W/m2]					0.429	
Power Drift [dB]				0.	04	0.02	
M2/M1 [%]						53.4	
Dist 3dB Peak [mm]					5.8	



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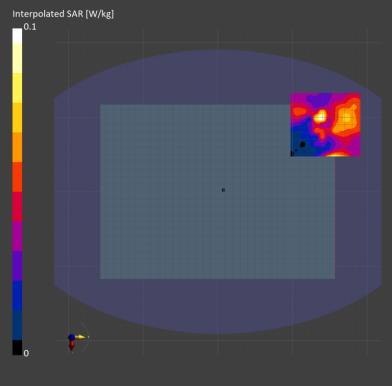


Report No. : TESA2407000466E5

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Bottom Surface_CH 127_0mm_Aux Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Bottom Surface, 0.00	6585.0, 127	6.21	6.076	34.084
)				
Probe, Calibration Date		DAE, C	Calibration Date	
EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20	
		Area Scan		Zoom Scan
		85.0 x 85.0		22.0 x 22.0 x 22.0
		8.5 x 8.5		3.4 x 3.4 x 1.4
n]		3.0		
esults				
			Area Scan	Zoom Scan
			2024-08-24	2024-08-24
			0.072	0.063
		0.028		0.018
		0.026		0.016
q) [W/m2]				0.367
			0.03	0.05
				52.5
				6.1
	Bottom Surface, 0.00 Probe, Calibration Date EX3DV4 - SN7686, 2023-09-21	Channel Number Bottom Surface, 0.00 6585.0, 127 Probe, Calibration Date EX3DV4 - SN7686, 2023-09-21 n] esults	Channel Number Factor Bottom Surface, 0.00 6585.0, 127 6.21 Probe, Calibration Date DAE, 0 EX3DV4 - SN7686, 2023-09-21 DAE4 Area Scan 85.0 x 85.0 8.5 x 8.5 8.5 x 8.5 n] 3.0 esults	Channel Number Factor [S/m] Bottom Surface, 0.00 6585.0, 127 6.21 6.076 Probe, Calibration Date DAE, Calibration Date DAE, Calibration Date EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Area Scan 85.0 x 85.0 85.0 x 85.0 85.5 x 8.5 n] 3.0 esuits Area Scan 2024-08-24 0.072 0.028 0.028 0.028 0.03



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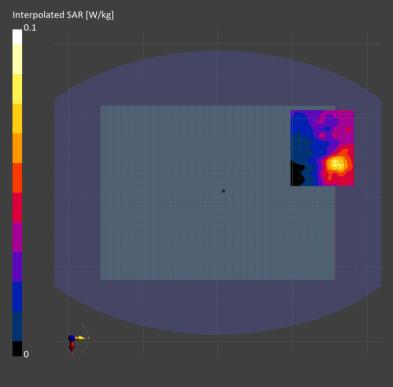


ID: 034 Report No. : TESA2407000466E5

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Bottom Surface_CH 191_0mm_Aux Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Exposure Cont			Conversion	TSL Conductivi		
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivi [S/m]	ty TSL Permittivity	
Flat, HSL	Bottom Surface, 0.00	6905.0, 191	6.46	6.417	33.700	
Hardware Setu	р					
Phantom	Probe, Calibration Date		DAE	, Calibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DAE	4 Sn558, 2023-11-20		
Scans Setup						
			Area Scar	ו	Zoom Scar	
Grid Extents [mm]			102.0 x 85.0)	22.0 x 22.0 x 22.0	
Grid Steps [mm]			8.5 x 8.5		3.4 x 3.4 x 1.4	
Sensor Surface [m	m]		3.0		1.4	
Measurement F	Results					
				Area Scan	Zoom Scar	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]				0.070	0.056	
psSAR8g [W/kg]			0.031		0.024	
psSAR10g [W/kg]			0.028		0.021	
psPDab (4.0cm2, s	sq) [W/m2]				0.471	
Power Drift [dB]				0.04	0.05	
M2/M1 [%]					55.5	
Dist 3dB Peak [mn	n]				10.3	



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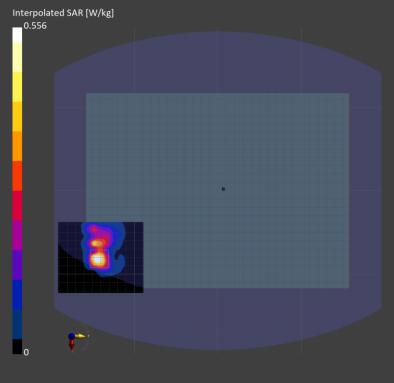


ID: 035 Report No. : TESA2407000466E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Back Surface_CH 63_0mm_Main Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat, HSL	Back Surface, 0.00	6265.0, 63	6.21	5.740	34.468	
Hardware Setup)					
Phantom	Probe, Calibration Date		DAE,	Calibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4	Sn558, 2023-11-20		
Scans Setup						
			Area Scan		Zoom Scar	
Grid Extents [mm]			85.0 x 102.0		22.0 x 22.0 x 22.	
Grid Steps [mm]			8.5 x 8.5		3.4 x 3.4 x 1.4	
Sensor Surface [mm]			3.0		1.4	
Measurement R	lesults					
				Area Scan	Zoom Sca	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]				0.423	0.507	
psSAR8g [W/kg]				0.153	0.164	
psSAR10g [W/kg]			0.134		0.142	
psPDab (4.0cm2, s	q) [W/m2]				3.2	
Power Drift [dB]				0.02	0.0	
M2/M1 [%]					51.9	
Dist 3dB Peak [mm	1				6.	



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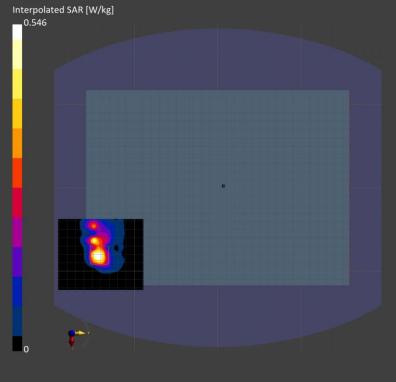


ID: 036 Report No. : TESA2407000466E5

Measurement Report_U-NII-6 6.5GHz 802.11ax(160M)_Body_Back Surface_CH 111_0mm_Main Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Exposure Conc						
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat, HSL	Back Surface, 0.00	6505.0, 111	6.21	5.992	34.180	
Hardware Setu	р					
Phantom	Probe, Calibration Date		DAE, C	alibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20		
Scans Setup						
			Area Scan		Zoom Scar	
Grid Extents [mm]			85.0 x 102.0		22.0 x 22.0 x 22.0	
Grid Steps [mm]			8.5 x 8.5	3.4 x		
Sensor Surface [mm]			3.0			
Measurement F	Results					
				Area Scan	Zoom Scar	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]				0.430	0.517	
psSAR8g [W/kg]				0.156	0.169	
psSAR10g [W/kg]			0.137		0.147	
psPDab (4.0cm2, s	sq) [W/m2]				3.38	
Power Drift [dB]				0.04	0.02	
M2/M1 [%]					54.4	
Dist 3dB Peak [mm	י <u></u> ז]				6.5	



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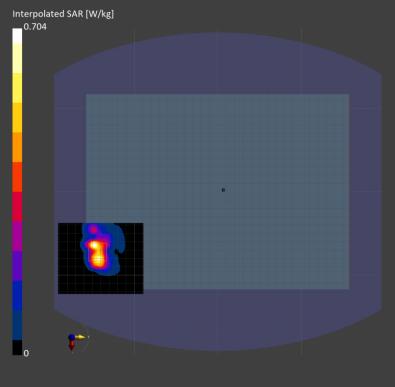


Report No. :TESA2407000466E5

Measurement Report	_U-NII-7 6.70	GHz 802.	11be(320M)	_Body_	_Back Surface	_CH 159_	_0mm_	_Main
Ambient temperature:	: 22.4°C; Liq	uid temp	perature: 21	.1°C				

Exposure Conditions

Phantom Section,		Frequency [MHz],	Conversion	TSL Conductivit	TSL Permittivity	
TSL		Channel Number	Factor	[S/m]		
Flat, HSL	Back Surface, 0.00	6745.0, 159	6.21	6.246	33.892	
Hardware Setu	р					
Phantom	Probe, Calibration Date		DAE	E, Calibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DAE	E4 Sn558, 2023-11-20		
Scans Setup						
			Area Sca	n	Zoom Scar	
Grid Extents [mm]			85.0 x 102.0	0	22.0 x 22.0 x 22.	
Grid Steps [mm]			8.5 x 8.5		3.4 x 3.4 x 1.4	
Sensor Surface [m	m]		3.0		1.4	
Measurement F	Results					
				Area Scan	Zoom Scar	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]				0.483	0.541	
psSAR8g [W/kg]			0.192		0.192	
psSAR10g [W/kg]			0.174		0.183	
psPDab (4.0cm2, s	sq) [W/m2]				3.84	
Power Drift [dB]				0.05	0.05	
M2/M1 [%]					54.2	
Dist 3dB Peak [mm	n]				7.0	



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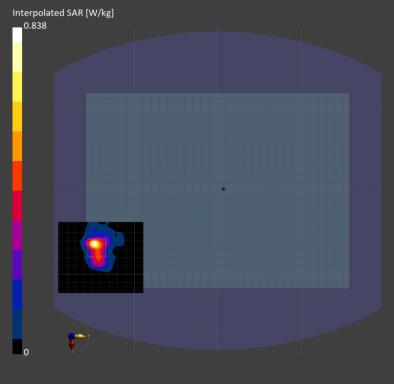


Report No. : TESA2407000466E5

```
Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Back Surface_CH 191_0mm_Main
Ambient temperature: 22.4°C; Liquid temperature: 21.1°C
```

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat, HSL	Back Surface, 0.00	6905.0, 191	6.46	6.417	33.700	
Hardware Setup)	·				
Phantom	Probe, Calibration Date		DAE, C	alibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20		
Scans Setup						
			Area Scan		Zoom Scar	
Grid Extents [mm]			85.0 x 102.0		22.0 x 22.0 x 22.0	
Grid Steps [mm]			8.5 x 8.5		3.4 x 3.4 x 1.4	
Sensor Surface [mr	n]		3.0			
Measurement R	lesults					
				Area Scan	Zoom Scar	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]				0.563	0.631	
psSAR8g [W/kg]			0.200		0.204	
psSAR10g [W/kg]			0.178		0.178	
psPDab (4.0cm2, s	q) [W/m2]				4.09	
Power Drift [dB]				0.03	0.03	
M2/M1 [%]					54.1	
Dist 3dB Peak [mm]				6.5	



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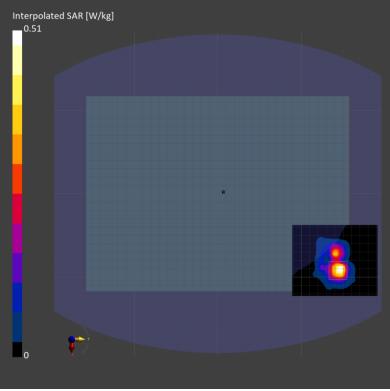


ID: 039 Report No. : TESA2407000466E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Back Surface_CH 31_0mm_Aux Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Exposure Cond						
Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat, HSL	Back Surface, 0.00	6105.0, 31	6.21	5.573	34.660	
Hardware Setu	р					
Phantom	Probe, Calibration Date		DAE, C	alibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21	l	DAE4 S	Sn558, 2023-11-20		
Scans Setup						
			Area Scan		Zoom Scar	
Grid Extents [mm]			85.0 x 102.0		22.0 x 22.0 x 22.0	
Grid Steps [mm]			8.5 x 8.5	8.5 3.4 x 3		
Sensor Surface [m	m]		3.0	3.0		
Measurement F	Results					
				Area Scan	Zoom Sca	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]				0.361	0.394	
psSAR8g [W/kg]			0.130		0.13	
psSAR10g [W/kg]			0.113		0.110	
psPDab (4.0cm2, s	sq) [W/m2]				2.69	
Power Drift [dB]				0.04	0.03	
M2/M1 [%]					55.0	
Dist 3dB Peak [mm	n]				6.	
			·			



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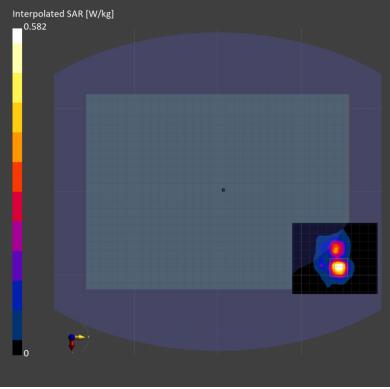


ID: 040 Report No. : TESA2407000466E5

Measurement Report_U-NII-6 6.5GHz 802.11ax(160M)_Body_Back Surface_CH 111_0mm_Aux Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section,	Position, Test Distance [mm]	Frequency [MHz],	Conversio	-	tivity TSL Permittivity
TSL		Channel Number	Factor	[S/m]	
Flat, HSL	Back Surface, 0.00	6505.0, 111	6.21	5.992	34.180
Hardware Setu	ρ				
Phantom	Probe, Calibration Date		DA	AE, Calibration Date	
ELI	EX3DV4 - SN7686, 2023-09-21		DA	AE4 Sn558, 2023-11-	-20
Scans Setup					
			Area Sc	an	Zoom Scar
Grid Extents [mm]			85.0 x 102	2.0	22.0 x 22.0 x 22.0
Grid Steps [mm]		8.5 x 8.5		3.4 x 3.4 x 1.4	
Sensor Surface [m	m]		3.0		1.4
Measurement F	Results				
				Area Scan	Zoom Scar
Date				2024-08-24	2024-08-24
psSAR1g [W/kg]				0.437	0.467
psSAR8g [W/kg]			0.148		0.15
psSAR10g [W/kg]			0.128		0.129
psPDab (4.0cm2, s	sq) [W/m2]				3.03
Power Drift [dB]				0.05	0.04
M2/M1 [%]					51.7
Dist 3dB Peak [mm	1]				6.3



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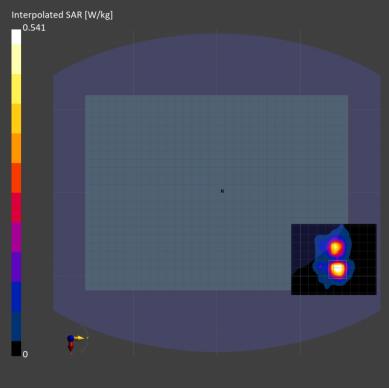


Report No. : TESA2407000466E5

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Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Back Surface_CH 159_0mm_Aux
Ambient temperature: 22.4°C; Liquid temperature: 21.1°C
```

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	n TSL Conducti [S/m]	vity TSL Permittivity	
Flat, HSL	Back Surface, 0.00	6745.0, 159	6.21	6.246	33.892	
Hardware Setur	D					
Phantom	Probe, Calibration Date		DA	E, Calibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DA	E4 Sn558, 2023-11-2	20	
Scans Setup						
			Area Sca	an	Zoom Scar	
Grid Extents [mm]			85.0 x 102	.0	22.0 x 22.0 x 22.0	
Grid Steps [mm]	Grid Steps [mm]			8.5 x 8.5		
Sensor Surface [mi	m]		3.0			
Measurement R	Results					
				Area Scan	Zoom Scar	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]				0.427	0.451	
psSAR8g [W/kg]			0.142		0.142	
psSAR10g [W/kg]			0.121		0.121	
psPDab (4.0cm2, s	q) [W/m2]				2.84	
Power Drift [dB]				0.05	0.04	
M2/M1 [%]					54.8	
Dist 3dB Peak [mm]				6.3	



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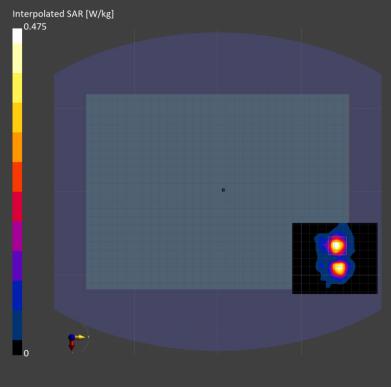


ID: 042 Report No. : TESA2407000466E5

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Back Surface_CH 191_0mm_Aux Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section,		Frequency [MHz],	Conversion	TSL Conductivity	TSL Permittivity	
TSL		Channel Number	Factor	[S/m]	roer onnavity	
Flat, HSL	Back Surface, 0.00	6905.0, 191	6.46	6.417	33.700	
Hardware Setu	р					
Phantom	Probe, Calibration Date		DAE, C	alibration Date		
ELI	EX3DV4 - SN7686, 2023-09-21		DAE4 S	Sn558, 2023-11-20		
Scans Setup						
			Area Scan		Zoom Scar	
Grid Extents [mm]			85.0 x 102.0		22.0 x 22.0 x 22.0	
Grid Steps [mm] 8.5 x 8.5				3.4 x 3.4 x 1.4		
Sensor Surface [m	m]		3.0		1.4	
Measurement F	Results					
				Area Scan	Zoom Scar	
Date				2024-08-24	2024-08-24	
psSAR1g [W/kg]			0.360		0.378	
psSAR8g [W/kg]			0.122		0.12 ⁻	
psSAR10g [W/kg]			0.105		0.103	
psPDab (4.0cm2, s	sq) [W/m2]				2.42	
Power Drift [dB]	Power Drift [dB]			0.01	0.03	
M2/M1 [%]					57.8	
Dist 3dB Peak [mm	n]				6.9	



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13 PD MEASUREMENT RESULTS

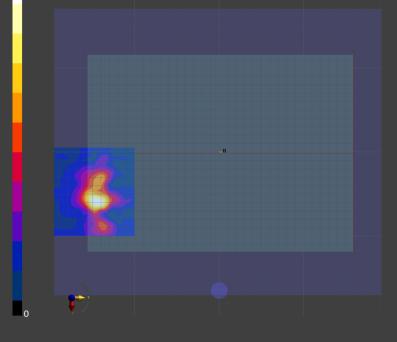
ID: 043

Report No. :TESA2407000466E5 Measurement Report_Back Surface, U-NII-5,

IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 63 (6265.0 MHz)

Exposure Conditions

Phantom Section, TSL Position, Test Distance [mm] Conversion Factor				
5G, Air	Back Surface, 2.00	1.0		
Hardware Setup				
Phantom	Probe, Calibration Date	DAE, Calibration Date		
mmWave - 1096	EUmmWV4 - SN9635_F1-55GHz, 2024-04-16	mmWV4 - SN9635_F1-55GHz, 2024-04-16 DAE4 Sn558, 2023-11-20		
Scans Setup				
Scan Type		5G Scan		
Grid Extents [mm]		100.0 x 100.0		
Grid Steps [lambda]		0.0625 x 0.0625		
Sensor Surface [mm]		2.0		
Measurement Res	ults			
Scan Type		5G Scan		
Date		2024-08-25		
Avg. Area [cm ²]		4.00		
psPDn+ [W/m²]		3.77		
psPDtot+ [W/m ²]		4.53		
psPDmod+ [W/m ²]		4.90		
E _{max} [V/m]		60.9		
Power Drift [dB]		0.04		
RMS{EM E(x,y,z,f0)} [V/n	n]			
60.9	"]			



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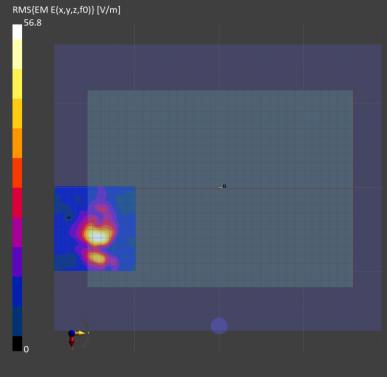
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ID: 044 Report No. :TESA2407000466E5 Measurement Report_Back Surface, U-NII-6, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 111 (6505.0 MHz) Exposure Conditions

Exposure Conult	10115				
Phantom Section, TSL Position, Test Distance [mm]		Conversion Factor			
5G, Air	Back Surface, 2.00		1.0		
Hardware Setup					
Phantom	Probe, Calibration Date		DAE, Calibration Date		
mmWave - 1096	EUmmWV4 - SN9635_F1-55GHz, 2024	-04-16	DAE4 Sn558, 2023-11-20		
Scans Setup					
Scan Type			5G Scan		
Grid Extents [mm]			100.0 x 100.0		
Grid Steps [lambda]			0.0625 x 0.0625		
Sensor Surface [mm]			2.0		
Measurement Re	sults				
Scan Type			5G Scan		
Date			2024-08-25		
Avg. Area [cm ²]			4.00		
psPDn+ [W/m²]			2.6		
psPDtot+ [W/m ²]			3.4		
psPDmod+ [W/m²]			3.9		
E _{max} [V/m]			56.8		
Power Drift [dB]			0.04		



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ID: 045 Report No. :TESA2407000466E5 Measurement Report_Back Surface, U-NII-7, IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 159 (6745.0 MHz) **Exposure Conditions**

Phantom Section, TS	SL	Position, Test Distance [mm]	Conversion Factor		
5G, Air		Back Surface, 2.00	1.0		
Hardware Setup					
Phantom	Probe, Ca	libration Date	DAE, Calibration Date		
mmWave - 1096	EUmmW√	/4 - SN9635_F1-55GHz, 2024-04-16	DAE4 Sn558, 2023-11-20		
Scans Setup					
Scan Type			5G Scan		
Grid Extents [mm]			100.0 x 100.0		
Grid Steps [lambda]			0.0625 x 0.0625		
Sensor Surface [mm]]		2.0		
Measurement Re	sults				
Scan Type			5G Scan		
Date			2024-08-25		
Avg. Area [cm ²]			4.00		
psPDn+ [W/m²]			2.4		
psPDtot+ [W/m ²]			3.2		
psPDmod+ [W/m²]			3.5		
E _{max} [V/m]			52		
Power Drift [dB]			0.03		

RMS{EM E(x,y,z,f0)} [V/m]

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ID: 046 Report No. :TESA2407000466E5 Measurement Report_Back Surface, U-NII-8, IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 191 (6905.0 MHz)

Ex	рс)S	ur	е	С	0	n	dı	tı	o	າຣ	

Phantom Section, TS	SL	Position, Test Distance [mm]	Conversion Factor		
5G, Air		Back Surface, 2.00	1.0		
Hardware Setup					
Phantom	Probe, Calibration	Date	DAE, Calibration Date		
mmWave - 1096	EUmmWV4 - SN9	635_F1-55GHz, 2024-04-16	DAE4 Sn558, 2023-11-20		
Scans Setup					
Scan Type			5G Scan		
Grid Extents [mm]			100.0 x 100.0		
Grid Steps [lambda]			0.0625 x 0.0625		
Sensor Surface [mm]]		2.		
Measurement Re	sults				
Scan Type			5G Scan		
Date			2024-08-25		
Avg. Area [cm²]			4.00		
psPDn+ [W/m²]			3.78		
psPDtot+ [W/m ²]			4.92		
psPDmod+ [W/m ²]			5.40		
E _{max} [V/m]	m _{ax} [V/m]				
Power Drift [dB]			0.03		

RMS{EM E(x,y,z,f0)} [V/m] 63.9 0

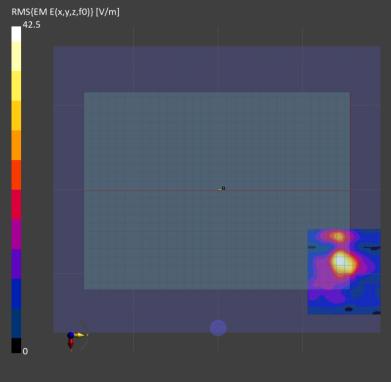
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ID: 047 Report No. :TESA2407000466E5 Measurement Report_Back Surface, U-NII-5, IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 31 (6105.0 MHz) **Exposure** Conditions

Exposure Conditi	ons					
Phantom Section, TSL	-	Position, Test Distance [mm]			Conversion Factor	
5G, Air		Back Surface, 2.00			1.0	
Hardware Setup						
Phantom	Probe, Calibrat	tion Date		D	AE, Calibration Date	
mmWave - 1096	EUmmWV4 - S	N9635_F1-55GHz, 2024-04-16		D	AE4 Sn558, 2023-11-20	
Scans Setup						
Scan Type					5G Scan	
Grid Extents [mm]				100.0 x 100.0		
Grid Steps [lambda]				0.0625 x 0.0625		
Sensor Surface [mm]				2.0		
Measurement Res	ults					
Scan Type					5G Scan	
Date				2024-08-26		
Avg. Area [cm ²]				4.00		
psPDn+ [W/m²]				1.2		
psPDtot+ [W/m ²]				1.		
psPDmod+ [W/m ²]			1.			
E _{max} [V/m]			52			
Power Drift [dB]				-0.02		



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

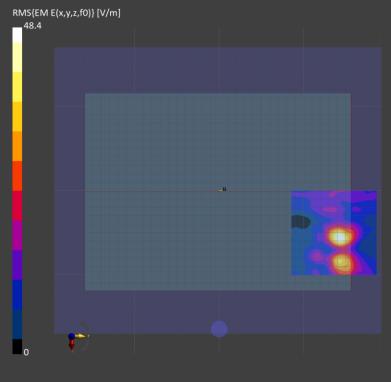
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ID: 048 Report No. :TESA2407000466E5 Measurement Report_Back Surface, U-NII-6, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 111 (6505.0 MHz) **Exposure Conditions**

Phantom Section, TS	L Position, Test Distance [mn	n]	Conversion Factor		
5G, Air	Back Surface, 2.00		1.0		
Hardware Setup					
Phantom	Probe, Calibration Date		DAE, Calibration Date		
mmWave - 1096	EUmmWV4 - SN9635_F1-55GHz, 2024-04-16	6	DAE4 Sn558, 2023-11-20		
Scans Setup					
Scan Type			5G Scar		
Grid Extents [mm]			100.0 x 100.0		
Grid Steps [lambda]			0.0625 x 0.0625		
Sensor Surface [mm]		2.0			
Measurement Res	sults				
Scan Type			5G Scar		
Date			2024-08-26		
Avg. Area [cm ²]			4.00		
psPDn+ [W/m²]			2.30		
psPDtot+ [W/m ²]	usPDtot+ [W/m²]				
psPDmod+ [W/m ²]	sPDmod+ [W/m ²]				
E _{max} [V/m]					
Power Drift [dB]			-0.02		



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5G Scan

5G Scan

4.00 1.94

2.41

2.97 58.2

-0.04

2024-08-26

2.0

Y

100.0 x 100.0 0.0625 x 0.0625



Report No. :TESA2407000466E5

Measurement Report_Back Surface, U-NII-7,

IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 159 (6745.0 MHz) **Exposure Conditions** Position, Test Distance [mm] Phantom Section, TSL Conversion Factor 5G, Air Back Surface, 2.00 1.0 **Hardware Setup** Phantom Probe, Calibration Date DAE, Calibration Date mmWave - 1096 EUmmWV4 - SN9635_F1-55GHz, 2024-04-16 DAE4 Sn558, 2023-11-20 Scans Setup Scan Type Grid Extents [mm] Grid Steps [lambda] Sensor Surface [mm] MAIA **Measurement Results** Scan Type Date Avg. Area [cm²] psPDn+ [W/m²] psPDtot+ [W/m²] psPDmod+ [W/m²] E_{max} [V/m] Power Drift [dB] RMS{E-VectorProbe Pol(x,y,z,f0)} [V/m] 24.1

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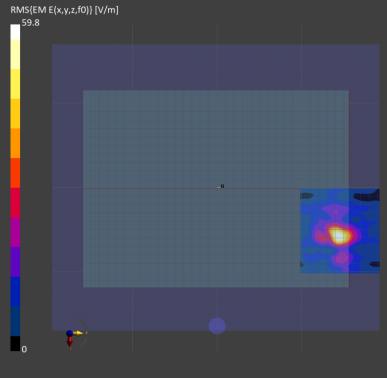
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ID: 050 Report No. :TESA2407000466E5 Measurement Report_Back Surface, U-NII-8, IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 191 (6905.0 MHz)

Exposure Conditions

Phantom Section, TS	L	Position, Test Distance [mm]	Conversion Factor			
5G, Air		Back Surface, 2.00	1.0			
Hardware Setup						
Phantom	Probe, Ca	libration Date		DAE, Calibration Date		
mmWave - 1096	EUmmW√	/4 - SN9635_F1-55GHz, 2024-04-16		DAE4 Sn558, 2023-11-20		
Scans Setup						
Scan Type				5G Scan		
Grid Extents [mm]				100.0 x 100.0		
Grid Steps [lambda]				0.0625 x 0.0625		
Sensor Surface [mm]				2.0		
Measurement Re	sults		*			
Scan Type				5G Scar		
Date				2024-08-26		
Avg. Area [cm ²]				4.00		
psPDn+ [W/m²]				2.32		
psPDtot+ [W/m ²]			2.85			
psPDmod+ [W/m²]				3.3		
E _{max} [V/m]			59.8			
Power Drift [dB]			-0.05			



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14 SAR SYSTEM CHECK RESULTS

Report No. :TESA2407000466E5

Measurement Report

Dipole_D6500-SN:1029

Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

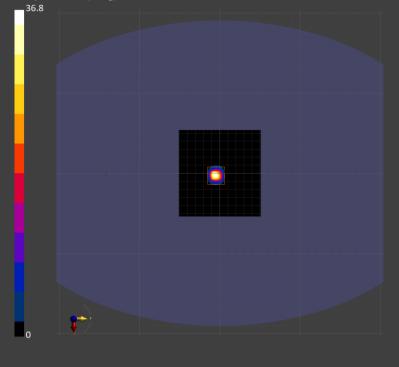
Phantom Section, TSL		Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat, Head Simulating Liquid		FRONT, 10.00	6.21	5.986	34.186	
Hardware S	etup					
Phantom	Probe, Calib	ration Date	DAE	DAE, Calibration Date		
ELI	EX3DV4 - S	N7686, 2023-09-21	DAE4 Sn558, 2023-11-20			
Scans Setu	р					
			Area Sca	า	Zoom Scar	

	Alea Stall	Zuuin Stan
Grid Extents [mm]	102.0 x 102.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-08-24	2024-08-24
psSAR1g [W/kg]	24.0	28.8
psSAR8g [W/kg]	6.28	6.67
psSAR10g [W/kg]	5.21	5.48
psPDab (4.0cm2, sq) [W/m2]		132
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		52.4
Dist 3dB Peak [mm]		4.8

Interpolated SAR [W/kg]



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Measurement Report Dipole_D7000-SN:1009

Ambient temperature: 22.4°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section	TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL FRONT, 5.00		FRONT, 5.00	6.46	6.518	33.586
Hardware Setu	ıp				
Phantom	Probe,	Calibration Date	D	AE, Calibration Date	
ELI	EX3D\	/4 - SN7686, 2023-09-21	D	AE4 Sn558, 2023-11-20	
Scans Setup					
			Area S	Scan	Zoom Scar
Grid Extents [mm			102.0 x 1	02.0	22.0 x 22.0 x 22.0
Grid Steps [mm]			8.5 >	x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [r	nm]			3.0	1.4
Measurement	Result	S			
				Area Scan	Zoom Scar
Date				2024-08-24	2024-08-24
psSAR1g [W/kg]				20.4	27.6
psSAR8g [W/kg]				5.80	
psSAR10g [W/kg]				4.83	5.10
psPDab (4.0cm2,	sq) [W/r	m2]			124
Power Drift [dB]				-0.05	-0.01
M2/M1 [%]					58.7
Dist 3dB Peak [m	m]				4.8

Interpolated SAR [W/kg] 25.4

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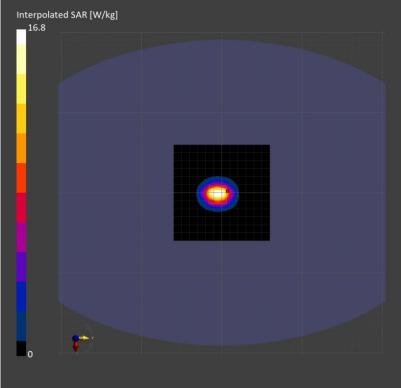
Measurement Report

Dipole_D2450-SN:727

Ambient temperature: 22.1°C; Liquid temperature: 21.5°C

Exposure Conditions

Exposure con					1
Phantom Section	, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simula	ating Liquid	FRONT, 10.00	8.05	1.824	38.915
Hardware Set	up				
Phantom	Probe, Calib	pration Date	DAE	, Calibration Date	
ELI	EX3DV4 - S	N7686, 2023-09-21	DAE	4 Sn558, 2023-11-20	
Scans Setup					
			Area Sca	n	Zoom Scan
Grid Extents [mm]		120.0 x 120.	0	30.0 x 30.0 x 30.0
Grid Steps [mm]			12.0 x 12.0		5.0 x 5.0 x 5.0
Sensor Surface [mm]			3.	0	1.4
Measurement	Results	·			
				Area Scan	Zoom Scan
Date			2024-08-23		2024-08-24
psSAR1g [W/kg]			13.3		13.7
psSAR8g [W/kg]			6.86		7.02
psSAR10g [W/kg]			6.20		6.35
Power Drift [dB]			-0.03		0.02
M2/M1 [%]					54.3
Dist 3dB Peak [m	m]				9.3
-					



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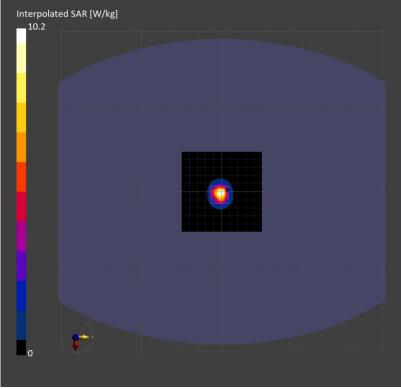
Measurement Report

Dipole_D5250-SN:1023

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Flat, Head Simulating Liquid FRONT, 10.00 5.95 4.695 35.644 Hardware Setup DAE, Calibration Date DAE, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom S Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 100.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 4.0 x 4.0 x Measurement Results Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0	Exposure Cond	nions						
Hardware Setup DAE, Calibration Date Phantom Probe, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom S Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 3.0 Measurement Results Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 Power Drift [dB] -0.03 -0 M2/M1 [%] 5 5	Phantom Section, TSL Position, Test Distance		ce [mm]	Conversion Factor	TSL Conductivit	ty [S/m]	TSL Permittivity	
Phantom Probe, Calibration Date DAE, Calibration Date ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom S Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 4.0 x 4.0 x Measurement Results Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0 M2/M1 [%] 5 5	Flat, Head Simulatir	ng Liquid	FRONT, 10.00		5.95	4.695		35.644
ELI EX3DV4 - SN7686, 2023-09-21 DAE4 Sn558, 2023-11-20 Scans Setup Area Scan Zoom S Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 4.0 x 4.0 x Measurement Results Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR1g [W/kg] 2.39 2 Power Drift [dB] -0.03 -0 M2/M1 [%] 5 -0.03	Hardware Setup)						
Scans Setup Area Scan Zoom S Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 4.0 x 4.0 x Measurement Results Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 Power Drift [dB] -0.03 -0.03 M2/M1 [%] 5 5	Phantom F	Probe, Calibi	ration Date		DAE	, Calibration Date	•	
Area Scan Zoom S Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 4.0 x 4.0 x Measurement Results Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 Power Drift [dB] -0.03 -0.03	ELI	EX3DV4 - SM	N7686, 2023-09-21		DAE	4 Sn558, 2023-12	1-20	
Grid Extents [mm] 100.0 x 100.0 24.0 x 24.0 x 2 Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 3.0 Measurement Results Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 Power Drift [dB] -0.03 -0.03	Scans Setup							
Grid Steps [mm] 10.0 x 10.0 4.0 x 4.0 x Sensor Surface [mm] 3.0 3.0 Measurement Results Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0.03					Area Sca	n		Zoom Scan
Sensor Surface [mm] 3.0 Measurement Results Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0.03 M2/M1 [%] 5 5	Grid Extents [mm]				100.0 x 100.	0	24.0 x 24	
Measurement Results Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0.03 M2/M1 [%] 5 5	Grid Steps [mm]				10.0 x 10.0		4.0 x 4.0 x 2.0	
Area Scan Zoom S Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0.03 M2/M1 [%] 5 5	Sensor Surface [mm]				3.	2		1.4
Date 2024-08-23 2024-08 psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0 M2/M1 [%] 5 5	Measurement R	esults						
psSAR1g [W/kg] 6.75 7 psSAR8g [W/kg] 2.39 2 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0 M2/M1 [%] 5 5						Area Scan		Zoom Scan
psSAR8g [W/kg] 2.39 2 psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0 M2/M1 [%] 5 5	Date				2024-08-23			2024-08-23
psSAR10g [W/kg] 2.07 2 Power Drift [dB] -0.03 -0 M2/M1 [%] 5 5	psSAR1g [W/kg]				6.75		7.84	
Power Drift [dB] -0.03 -0 M2/M1 [%] 5	psSAR8g [W/kg]				2.39			2.61
M2/M1 [%] 5	psSAR10g [W/kg]				2.07		2.24	
	Power Drift [dB]					-0.03		-0.04
Dist 2dB Dock [mm]	M2/M1 [%]							53.3
	Dist 3dB Peak [mm]]						7.2



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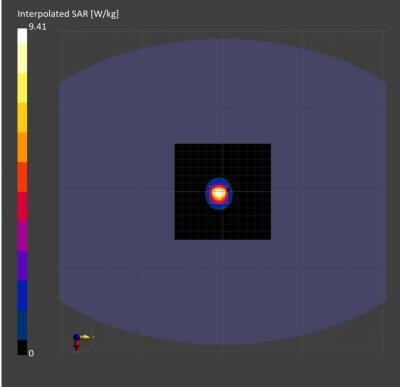
Measurement Report

Dipole_D5600-SN:1023

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Sec	tion, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Sir	mulating Liquid	FRONT, 10.00	5.18	5.054	35.244
Hardware S	Setup				
Phantom Probe, Calibration Date			DAE	E, Calibration Date	
ELI	EX3DV4 - S	N7686, 2023-09-21	DAE	E4 Sn558, 2023-11-20	
Scans Setu	р				
			Area Sca	an	Zoom Scan
Grid Extents [mm]		120.0 x 120	.0	24.0 x 24.0 x 22.0
Grid Steps [mm]			10.0 x 10	10.0 x 10.0	
Sensor Surface [mm]			3	.0	1.4
Measureme	ent Results				
				Area Scan	Zoom Scan
Date			2024-08-23		2024-08-23
psSAR1g [W/kg]			6.87		8.00
psSAR8g [W/kg]			2.51		2.70
psSAR10g [W/kg]			2.17		2.32
Power Drift [dB]				-0.02	-0.04
M2/M1 [%]					51.4
Dist 3dB Peal	< [mm]				7.9



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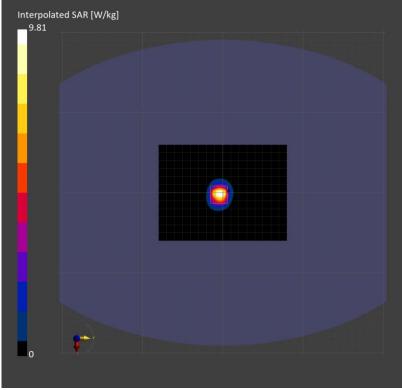
Measurement Report

Dipole_D5750-SN:1023

Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [n	nm] Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid FRONT, 10.00		5.36	5.207	35.072
Hardware Setup				
Phantom Probe, Ca	ibration Date	DA	AE, Calibration Date	
ELI EX3DV4 -	SN7686, 2023-09-21	DA	AE4 Sn558, 2023-11-20	
Scans Setup				
		Area S	can	Zoom Scan
Grid Extents [mm]		120.0 x 16	60.0	24.0 x 24.0 x 22.0
Grid Steps [mm]		10.0 x 1	0.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]			3.0	1.4
Measurement Results				
			Area Scan	Zoom Scan
Date			2024-08-24	
osSAR1g [W/kg]		7.03		8.17
psSAR8g [W/kg]		2.53		2.72
psSAR10g [W/kg]		2.19		2.31
Power Drift [dB]			0.04	-0.03
M2/M1 [%]				50.6
Dist 3dB Peak [mm]				7.4



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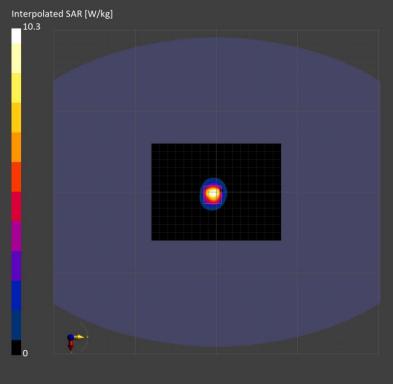
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Measurement Report

Dipole_D5850-SN:1023 Ambient temperature: 22.2°C; Liquid temperature: 21.3°C

Phantom Sect	tion, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity	/ [S/m]	TSL Permittivity
Flat, HSL FRONT, 10.00		FRONT, 10.00	5.10	5.310		34.958
Hardware S	Setup					
Phantom	Probe,	Calibration Date	D	AE, Calibration Da	te	
ELI EX3DV4 - SN7686, 2023-09-21		4 - SN7686, 2023-09-21	D	AE4 Sn558, 2023-	11-20	
Scans Setu	р					
			Area S	Scan		Zoom Scar
Grid Extents [mm]		120.0 x 1	60.0	24.0 x 24.	
Grid Steps [m	m]		10.0 x	10.0) 4.0 x 4	
Sensor Surface [mm]				3.0		
Measureme	ent Result	S				
				Area Scan		Zoom Scar
Date			2024-08-24			2024-08-24
psSAR1g [W/kg]			7.02		8.16	
psSAR8g [W/kg]			2.57		2.75	
psSAR10g [W/kg]			2.21			2.32
Power Drift [dB]			0.06		0.04	
M2/M1 [%]						50.5
Dist 3dB Peak	k [mm]					7.6



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15 PD SYSTEM CHECK RESULTS

Report No. :TESA2407000466E5

Measurement Report 5G Verification Souce 10GHz-SN:1021

Exposure Conditions

Exposure conditions		
Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G, Air	FRONT, 10.00	1.0
Hardware Setup		
Phantom Probe, Ca	alibration Date	DAE, Calibration Date
	/4 - SN9635_F1-55GHz, 2024-04-16	DAE4 Sn558, 2023-11-20
Scans Setup		
Scan Type		5G Scan
Grid Extents [mm]		120.0 x 120.0
Grid Steps [lambda]		0.25 x 0.25
Sensor Surface [mm]		10.0
MAIA		N/A
Measurement Results		
Scan Type		5G Scan
Date		2024-08-25
Avg. Area [cm²]		4.00
psPDn+ [W/m²]		55.2
psPDtot+ [W/m²]		55.3
psPDmod+ [W/m²]		55.4
E _{max} [V/m]		156
Power Drift [dB]		0.04
RMS{EM E(x,y,z,f0)} [V/m] 161		

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Report No.: TESA2407000466E5 Page: 147 of 147

Refer to separated files for the following appendixes.

- 16.1 SAR_Appendix A Photographs
- 16.2 SAR Appendix B DAE & Probe Cal. Certificate
- SAR Appendix C Phantom Description & Dipole Cal. Certificate 16.3

- End of report -

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