

RF Exposure report



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

EUT Description	Wireless module installed in Notebook Computer
Brand Name	<i>acer</i>
Model No.	QCNCM820
Host Model Number:	N26LC3
Applicant	Acer Incorporated 8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City 221 Taiwan
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID	HLZQCNCM820
Date of EUT Receipt	Apr. 08, 2026
Date of Test(s)	Apr. 13, 2026 ~ Apr. 26, 2026
Date of Issue	May 15, 2026

Approved By /

John Teh

John Yeh

In the configuration tested, the EUT complied with the standards specified above.

Remarks:

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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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2604000234EN	00	Initial creation of document	May 15, 2026	Kimmy Chiou	

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.

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1 GENERAL INFORMATION

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

KDB 447498D01v06

KDB 865664D01v01r04

KDB 865664D02v01r02

KDB 616217D04v01r02

KDB 248227D01v02r02

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 Computer	
Brand Name	<i>acer</i>	
Model No.	QCNCM820	
Host Model Number:	N26LC3	
Duty Cycle	WLAN 802.11	Please refer to section 3
	Bluetooth	Please refer to section 3
Supported radios (TX Frequency Range, MHz)	802.11 b/g/n/ac/ax/be	2.4GHz (2400.0 – 2483.5 MHz)
	802.11a/n/ac/ax/be	5.2GHz (5150.0 – 5250.0 MHz) 5.3GHz (5250.0 – 5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz) 5.9GHz (5850.0 – 5895.0 MHz)
	802.11a/ax/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 (W/kg)	Highest APD (W/m ²)	Highest PD (W/m ²)
Bluetooth(GFSK)	0.26	N/A	N/A
2.4G WLAN	0.68	N/A	N/A
5G WLAN	1.11	N/A	N/A
6G WLAN	1.13	6.78	6.19

1.4 Antenna Information

NB

Vendor	WNC									
Antenna	Ant Main									
Part Number	5022BC000001 (81EACE15.G63)									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5925~6425	6425~6525	6525~6875	6875~7125	
Peak Gain (dBi)	2.50	2.79	2.81	2.92	2.93	2.89	2.89	2.83	2.81	
Antenna	Ant Aux									
Part Number	5022BC000001 (81EACE15.G63)									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5925~6425	6425~6525	6525~6875	6875~7125	
Peak Gain (dBi)	2.00	0.94	1.91	2.92	2.92	2.85	2.67	2.47	2.87	

TB

Vendor	WNC									
Antenna	Ant Main									
Part Number	5022BC000001 (81EACE15.G63)									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5925~6425	6425~6525	6525~6875	6875~7125	
Peak Gain (dBi)	2.22	2.86	2.90	2.93	2.92	2.88	2.88	2.79	2.82	
Antenna	Ant Aux									
Part Number	5022BC000001 (81EACE15.G63)									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5925~6425	6425~6525	6525~6875	6875~7125	
Peak Gain (dBi)	2.47	2.86	2.86	2.90	2.74	2.87	2.69	2.83	2.91	

Note: Antenna information is provided by the applicant.

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2 MEASUREMENT SYSTEM

2.1 Test Facility

Laboratory	Test Site Address	Test Site Name	Test Engineer	Project Engineer	FCC Designation number/ Registration Number	IC CAB identifier/ Company Number
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	1F, No. 8, Alley 15, Lane 120, Sec. 1, NeiHu Road, NeiHu District, Taipei City, 11493, Taiwan	SAR 2	-	-	TW0029/ 150169	TW3702/ 23862
		SAR 6	-	-		
		SAR 8	-	-		
	No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 33383, Taiwan	SAR 1	Stella Chang	Tom Chiang	TW0028/ 200037	TW3702/ 4620E
		SAR 4	-	-		
	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan	SAR 3	-	-	TW0027/ 891563	TW3702/ 4620A
		SAR 7	-	-		

Note: Test site name is remarked on a bolded mark as an indication where measurements occurred in specific test site and address.

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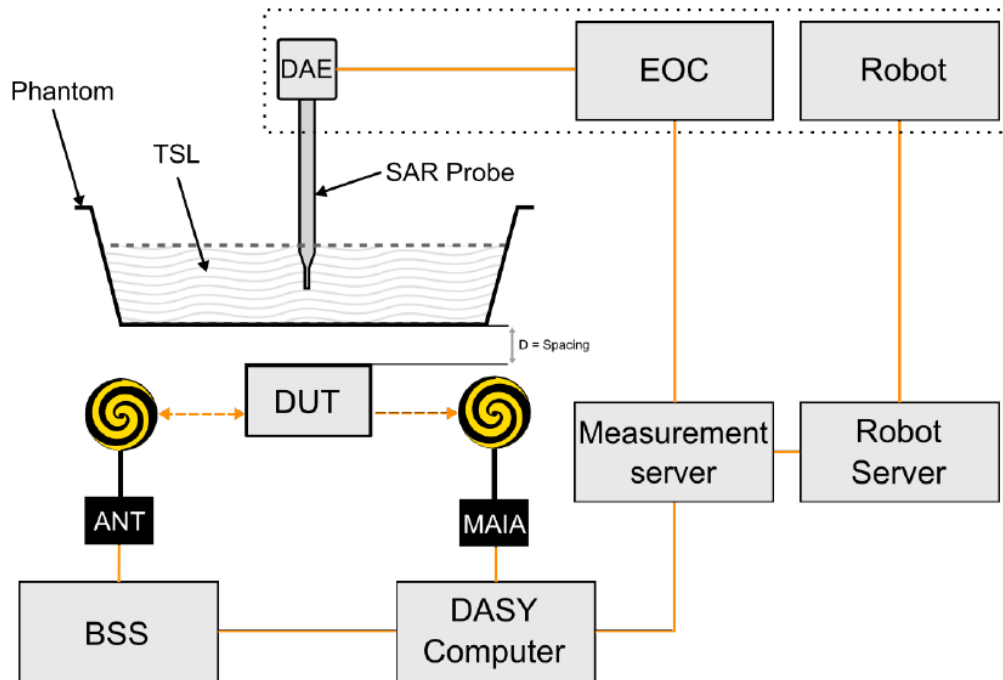
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2.2 SAR System

Block Diagram (DASY8)

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 and the DASY software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

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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 2450/5250/5600/5750/5850/6500/7000MHz 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 Range	10 µW/g to > 100 mW/g 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 (ELI)

Model	ELI	
Construction	The ELI phantom is used for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.	
Shell Thickness	2 ± 0.2 mm	
Filling Volume	Approx. 30 liters	
Dimensions	Major axis: 600 mm Minor axis: 400 mm	

DEVICE HOLDER

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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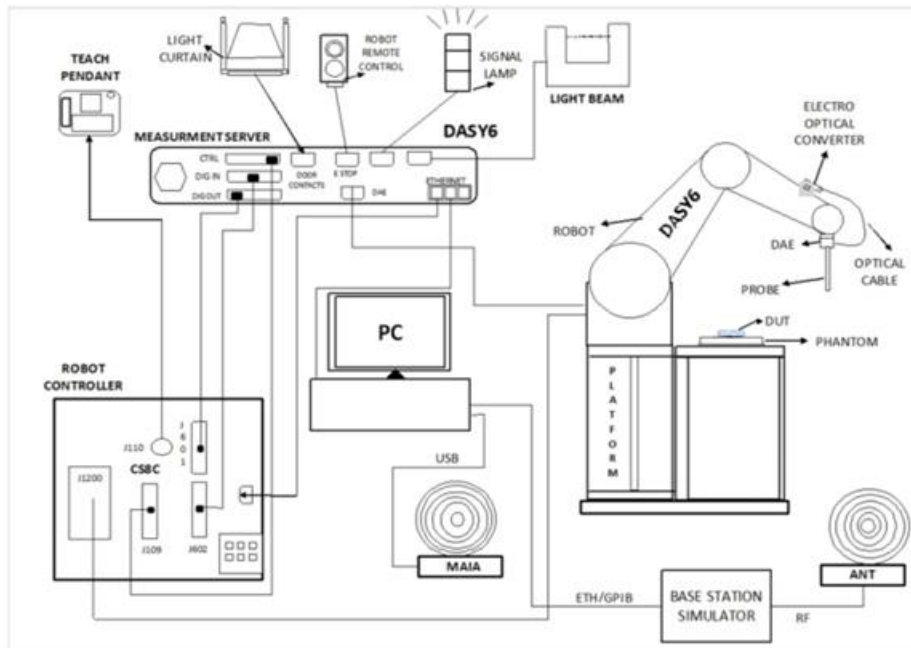
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2.3 PD system

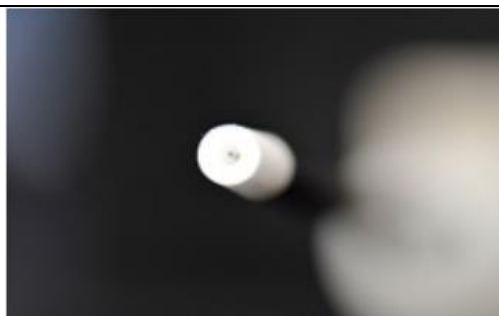
Block Diagram (DASY6)

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 pseudo-vector 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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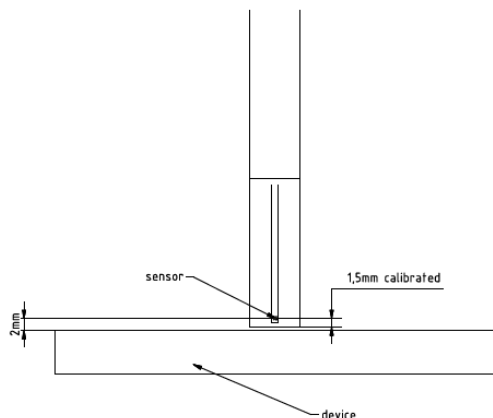
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Dynamic Range	< 20 V/m – 10,000 V/m with PRE-10 (min < 50 V/m - 3000 V/m)
Position Precision	< 0.2 mm (DASY6)
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: encapsulation 8 mm (internal sensor < 1mm) Distance from probe tip to dipole 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 required)
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 ($\tan \delta$) ≤ 0.05 and a relative permittivity (ϵ_r) ≤ 1.2 . High-performance RF absorbers are placed below the foam.

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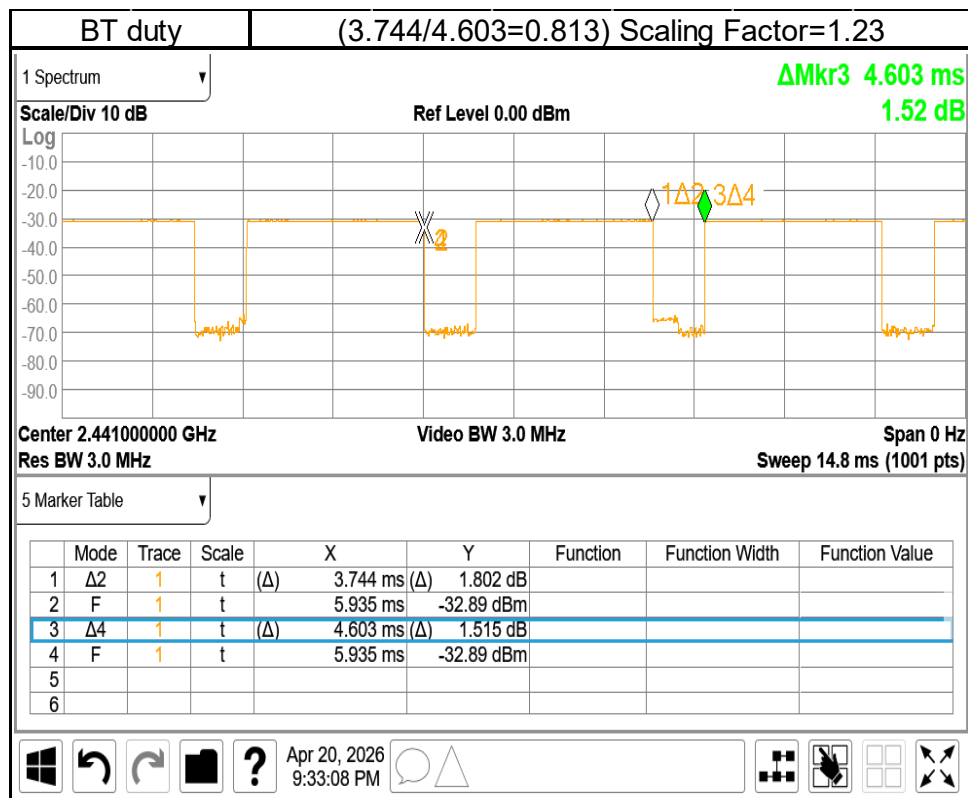
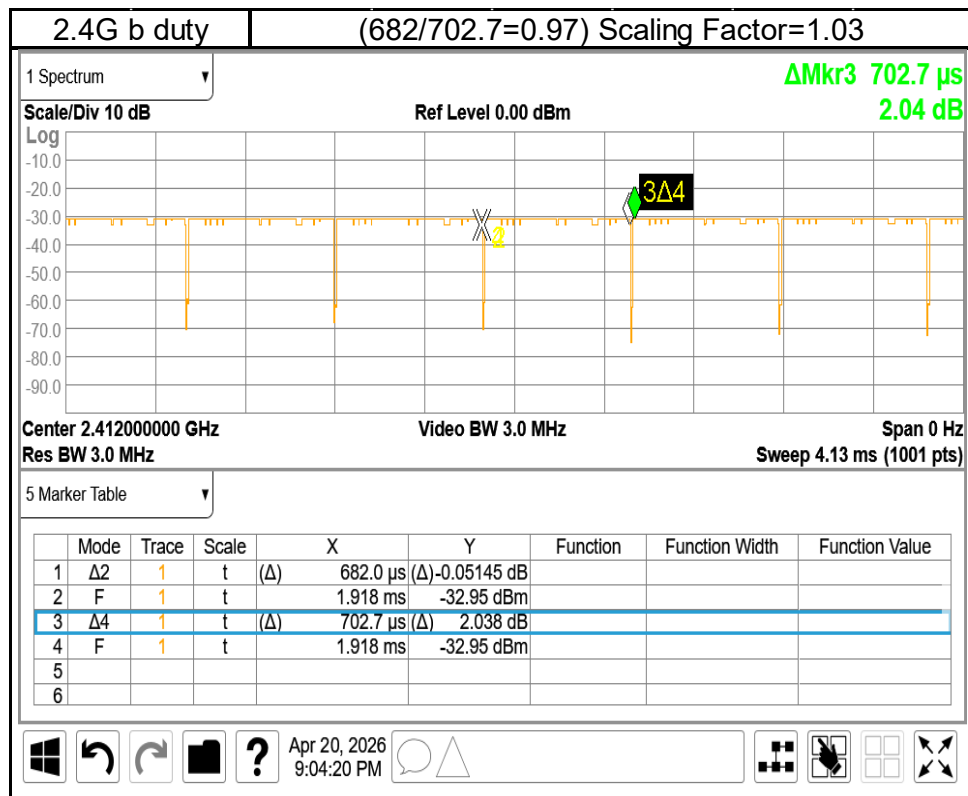
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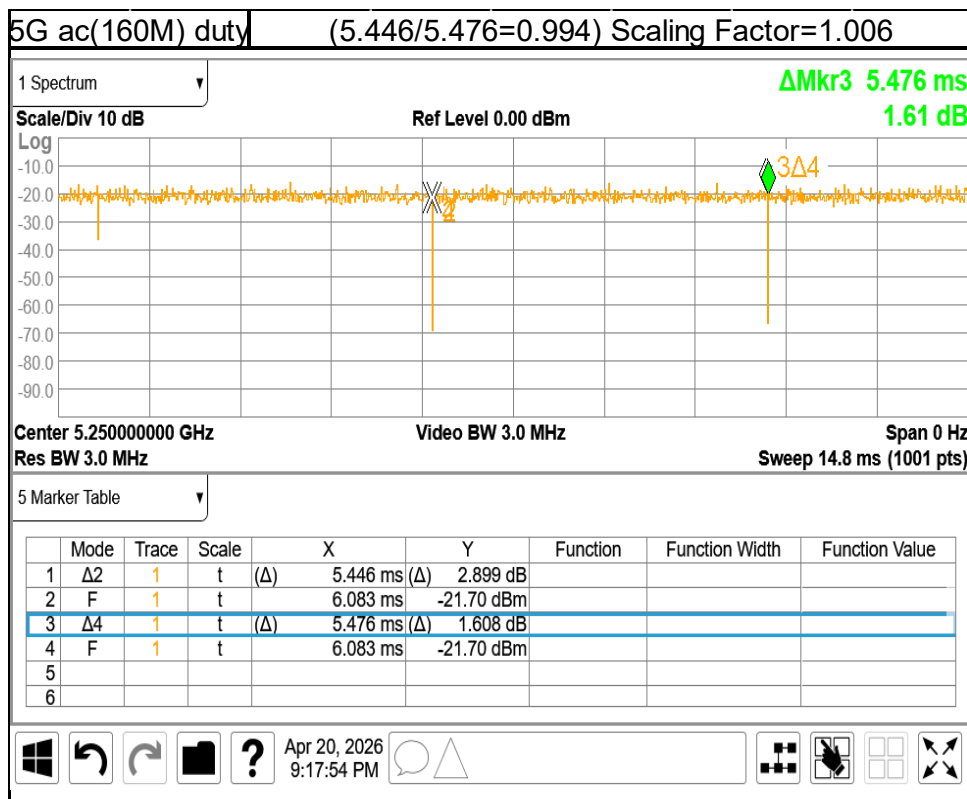
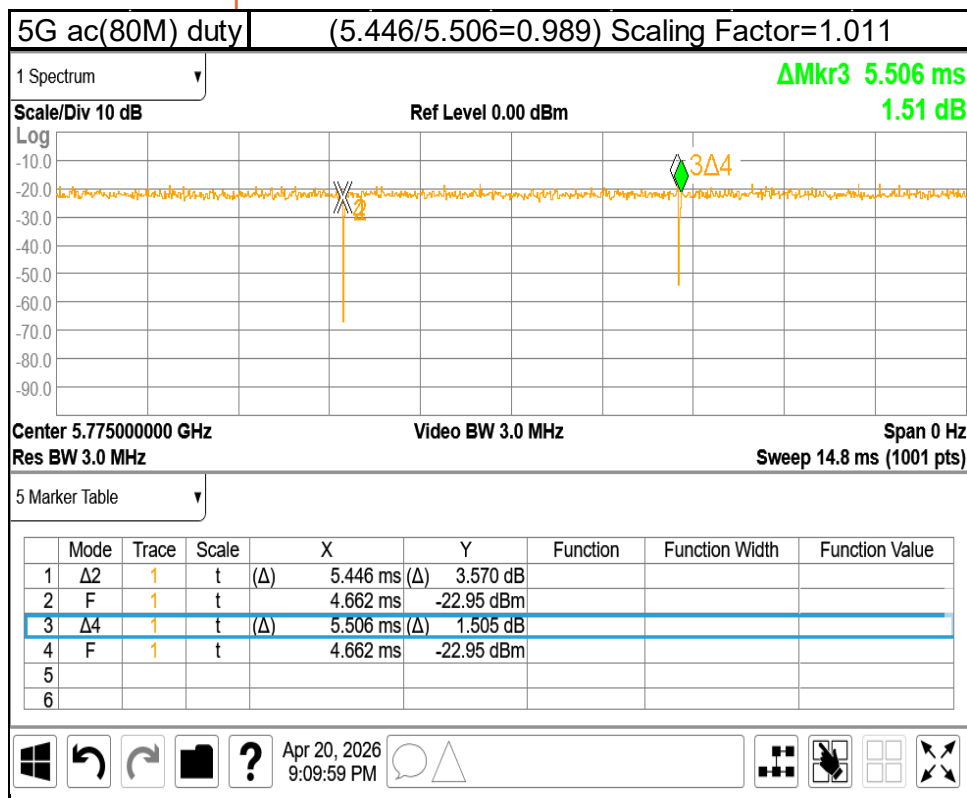
3 DUTY CYCLE



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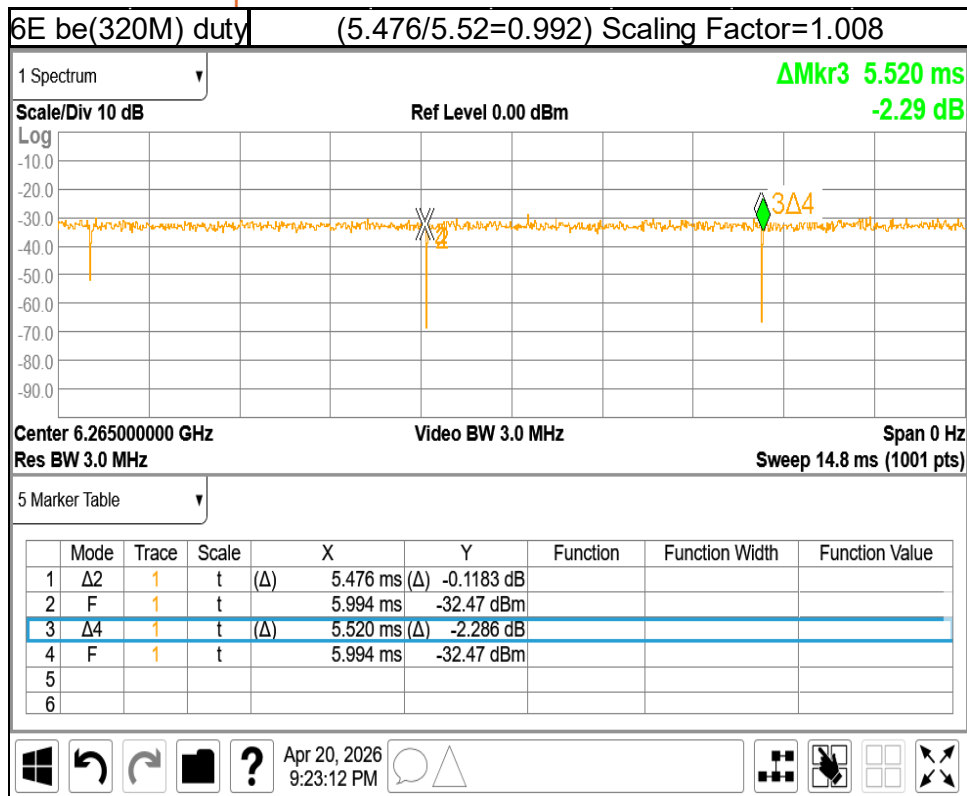
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4 SAR SYSTEM VERIFICATION

4.1 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 from the center of the flat phantom to the liquid top surface is larger than 15cm.

4.2 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 $\pm 5\%$ of the target values.

4.3 Measurement results of Tissue Simulant Liquid

Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date
2402	39.296	1.758	39.005	1.783	-0.74%	1.40%	$\pm 5\%$	Apr. 14, 2026
2412	39.276	1.767	38.988	1.792	-0.73%	1.41%	$\pm 5\%$	
2437	39.226	1.789	38.943	1.814	-0.72%	1.41%	$\pm 5\%$	
2441	39.218	1.792	38.936	1.817	-0.72%	1.38%	$\pm 5\%$	
2450	39.200	1.800	38.920	1.825	-0.71%	1.39%	$\pm 5\%$	
2462	39.184	1.813	38.905	1.836	-0.71%	1.28%	$\pm 5\%$	
2480	39.160	1.832	38.882	1.852	-0.71%	1.09%	$\pm 5\%$	
5250	35.950	4.710	35.649	4.699	-0.84%	-0.23%	$\pm 5\%$	Apr. 15, 2026
5250	35.950	4.710	35.649	4.699	-0.84%	-0.23%	$\pm 5\%$	
5290	35.910	4.750	35.603	4.740	-0.85%	-0.21%	$\pm 5\%$	
5570	35.545	5.039	35.283	5.027	-0.74%	-0.23%	$\pm 5\%$	Apr. 16, 2026
5600	35.500	5.070	35.249	5.058	-0.71%	-0.24%	$\pm 5\%$	
5750	35.350	5.220	35.077	5.211	-0.77%	-0.17%	$\pm 5\%$	Apr. 17, 2026
5775	35.325	5.245	35.049	5.237	-0.78%	-0.15%	$\pm 5\%$	
5815	35.285	5.286	35.003	5.278	-0.80%	-0.15%	$\pm 5\%$	Apr. 18, 2026
5850	35.250	5.323	34.963	5.314	-0.81%	-0.16%	$\pm 5\%$	
6105	34.974	5.604	34.665	5.577	-0.88%	-0.48%	$\pm 5\%$	Apr. 19, 2026
6265	34.782	5.793	34.473	5.744	-0.89%	-0.84%	$\pm 5\%$	
6425	34.590	5.982	34.281	5.912	-0.89%	-1.16%	$\pm 5\%$	
6500	34.500	6.070	34.191	5.991	-0.90%	-1.30%	$\pm 5\%$	
6585	34.398	6.169	34.089	6.080	-0.90%	-1.44%	$\pm 5\%$	
6745	34.206	6.354	33.897	6.250	-0.90%	-1.64%	$\pm 5\%$	Apr. 20, 2026
6905	34.014	6.540	33.705	6.421	-0.91%	-1.82%	$\pm 5\%$	
7000	33.900	6.650	33.591	6.523	-0.91%	-1.91%	$\pm 5\%$	

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4.4 The composition of the tissue simulating liquid:

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

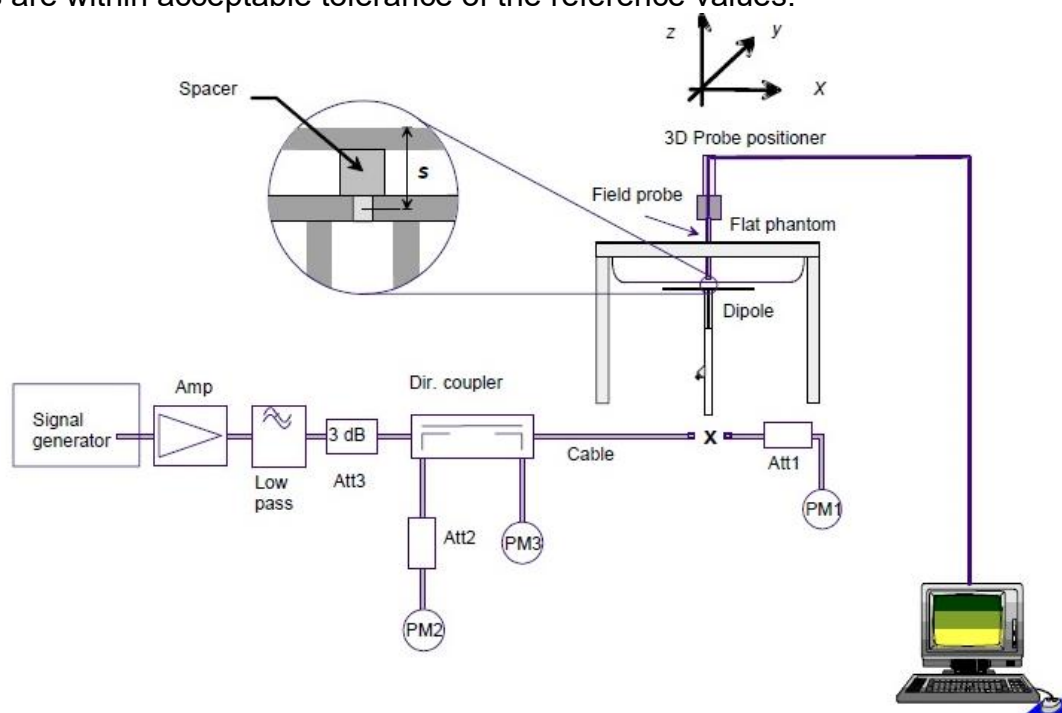
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

4.5 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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4.6 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	52.6	13.2	52.8	0.38	± 10%	Apr.14,2026
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	1349	5250	80.9	7.71	77.1	-4.70	± 10%	Apr.15,2026
D5GHzV2	1349	5600	82.4	8.49	84.9	3.03	± 10%	Apr.16,2026
D5GHzV2	1349	5750	80.8	8.39	83.9	3.84	± 10%	Apr.17,2026
D5GHzV2	1349	5850	79.9	7.87	78.7	-1.50	± 10%	Apr.18,2026
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	1006	6500	295	29.6	296	0.34	± 10%	Apr.19,2026
D7GHzV2	1007	7000	287	27.4	274	-4.53	± 10%	Apr.20,2026

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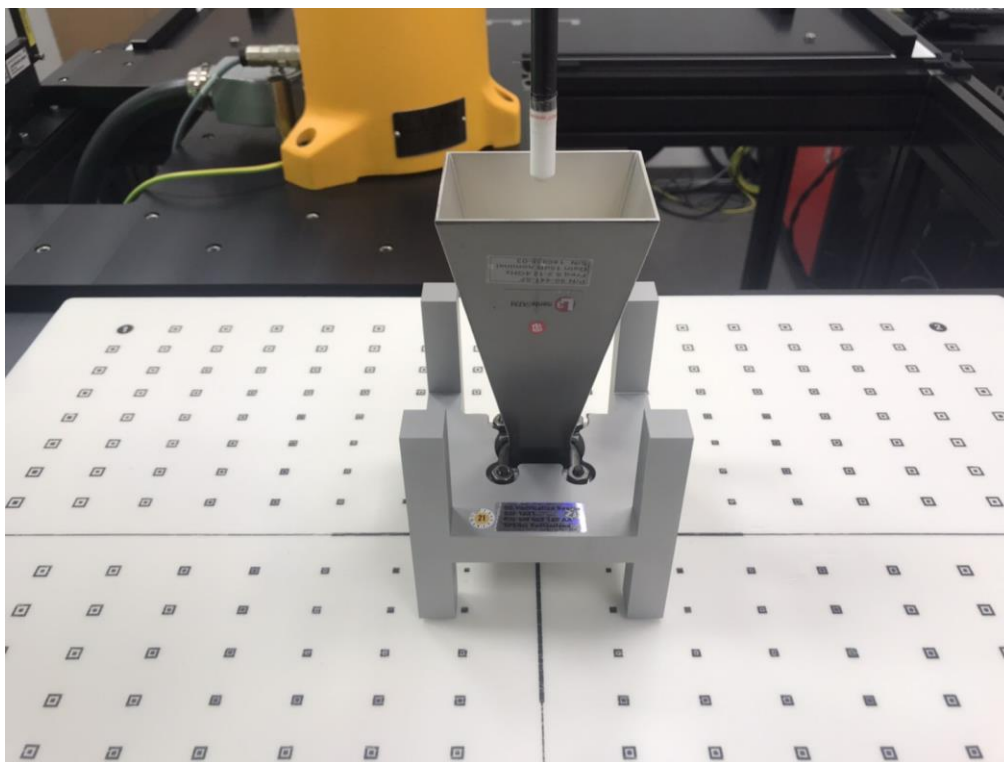
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5 PD SYSTEM VERIFICATION

5.1 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.



System Verification Setup Photo

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5.2 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	10000	9399	547	2	93.3	57.1	55.5	0.12	Apr.26,2026

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6 TEST CONFIGURATIONS

6.1 Test Environment

Ambient Temperature: $22 \pm 2^\circ \text{C}$

Tissue Simulating Liquid: $22 \pm 2^\circ \text{C}$

6.2 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 $\leq 0.8 \text{ W/kg}$, when the transmission band is $\leq 100 \text{ MHz}$.
- **General:** According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is $\geq 0.8 \text{ W/kg}$, 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 $\geq 1.45 \text{ W/kg}$ ($\sim 10\%$ 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 $\leq 0.8 \text{ W/kg}$, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is $> 0.8 \text{ W/kg}$, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is $> 1.2 \text{ W/kg}$, 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 $\leq 1.2 \text{ W/kg}$.
- **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 $> 0.8 \text{ W/kg}$, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is $\leq 1.2 \text{ W/kg}$ 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 ≤ 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 $d=2\text{mm}$ with the grid step (0.0625λ) for determining compliance at $d=2\text{mm}$.

- **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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6.3 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.

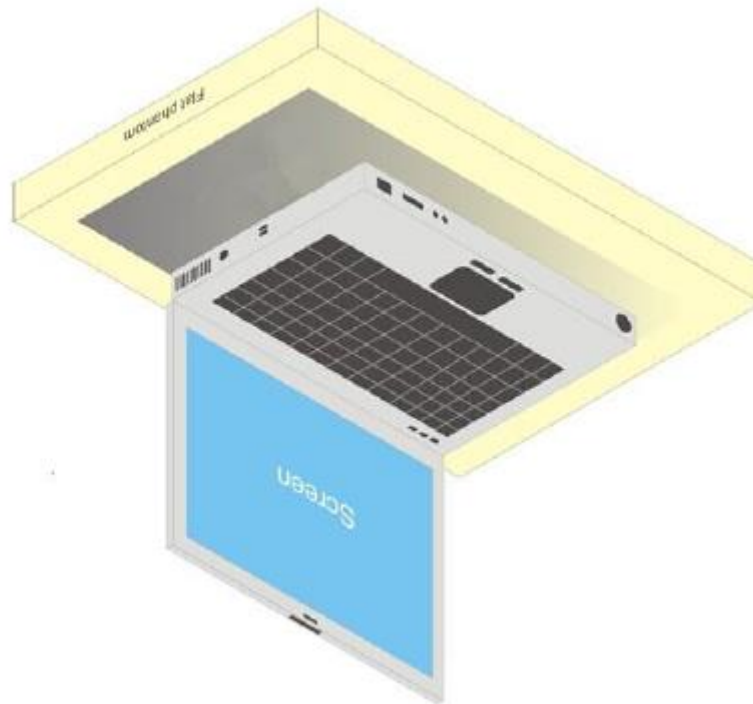


Illustration for Laptop Setup

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f (886-2) 2298-0488

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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.

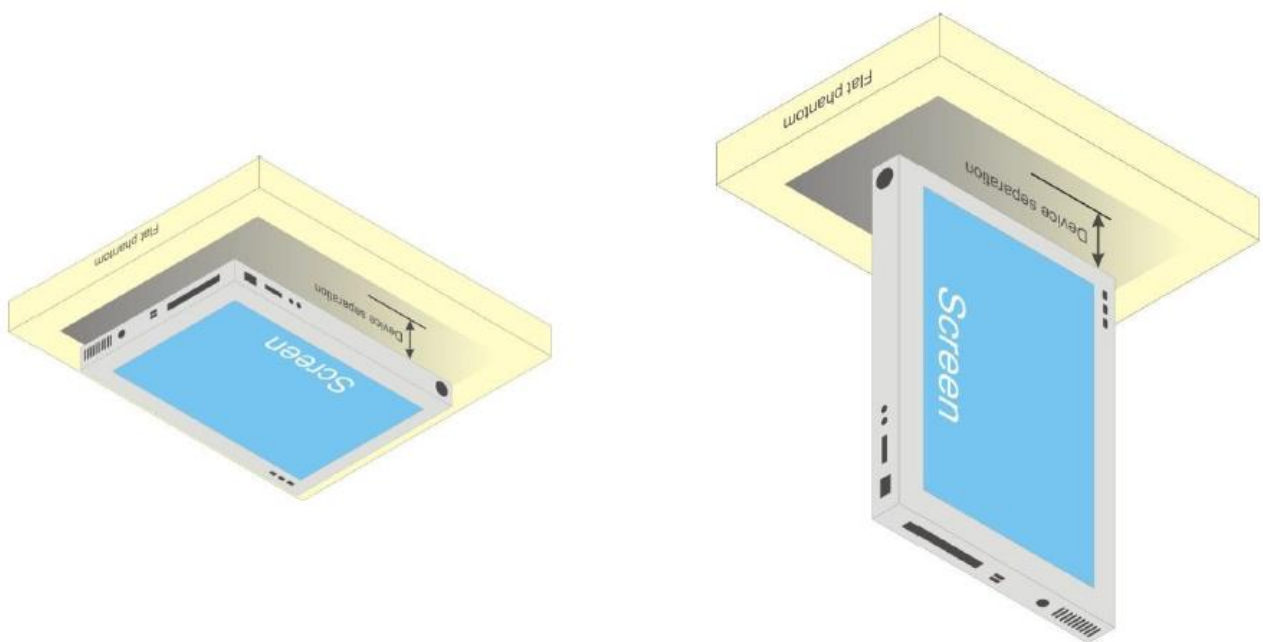


Illustration for Tablet Setup

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6.4 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	802.11ac(160M) 5.2G	802.11ac(80M) 5.3G	802.11ac(160M) 5.6G	802.11ac(80M) 5.8G	802.11ac(160M) 5.9G	U-NII-5 6.2GHz 802.11be(320M)	U-NII-6 6.5GHz 802.11be(320M)	U-NII-7 6.7GHz 802.11be(320M)	U-NII-8 7.0GHz 802.11be(320M)
Main	Lid close	0°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		30°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Laptop	30°	13.05	13.11	12.86	12.99	11.89	10.99	10.62	10.98	10.99
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		26°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		27°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Lid close	28°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		29°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		30°	12.95	13.05	12.83	12.92	11.88	10.91	10.61	10.96	10.94
		31°	12.98	13.03	12.76	12.95	11.88	10.97	10.96	10.94	10.96
	Laptop	32°	13.00	13.03	12.76	12.92	11.82	10.96	10.57	10.97	10.97
		33°	12.96	13.04	12.82	12.92	11.84	10.92	10.58	10.94	10.95
		34°	13.05	13.04	12.82	12.89	11.80	10.90	10.61	10.95	10.94
		35°	13.02	13.07	12.79	12.96	11.83	10.90	10.52	10.94	10.94
		45°	12.97	13.06	12.83	12.94	11.85	10.89	10.53	10.96	10.89
		55°	13.01	13.07	12.80	12.99	11.88	10.91	10.60	10.89	10.90
		65°	12.98	13.04	12.83	12.90	11.81	10.95	10.56	10.93	10.95
		75°	12.96	13.07	12.79	12.90	11.89	10.98	10.57	10.96	10.99
		85°	12.99	13.07	12.84	12.89	11.82	10.91	10.60	10.95	10.92
		95°	13.01	13.09	12.79	12.99	11.81	10.91	10.52	10.94	10.89
		105°	13.03	13.07	12.81	12.90	11.87	10.97	10.58	10.89	10.95
		115°	12.96	13.09	12.78	12.95	11.81	10.93	10.57	10.90	10.97
		125°	12.95	13.06	12.83	12.93	11.79	10.92	10.54	10.88	10.99
		135°	12.98	13.02	12.82	12.96	11.87	10.98	10.52	10.98	10.99
		145°	13.00	13.02	12.83	12.91	11.82	10.96	10.59	10.96	10.97
		155°	13.05	13.07	12.85	12.89	11.88	10.94	10.60	10.98	10.95
		165°	12.95	13.07	12.81	12.95	11.84	10.95	10.58	10.94	10.92
		175°	13.04	13.06	12.79	12.94	11.87	10.89	10.59	10.98	10.98
	Tablet	185°	9.67	9.88	9.94	9.99	9.91	9.81	9.76	9.83	9.94
		180°	9.61	9.82	9.85	9.96	9.85	9.76	9.72	9.76	9.94
		175°	12.98	13.03	12.86	12.89	11.89	10.99	10.55	10.97	10.94
		176°	13.04	13.07	12.80	12.96	11.89	10.93	10.55	10.93	10.93
	Laptop	177°	13.05	13.02	12.80	12.91	11.87	10.99	10.59	10.95	10.89
		178°	13.00	13.09	12.77	12.93	11.87	10.95	10.52	10.96	10.93
		179°	12.98	13.02	12.85	12.93	11.89	10.95	10.60	10.98	10.98
		180°	9.63	9.78	9.85	9.91	9.91	9.71	9.73	9.82	9.92
	Main	181°	9.66	9.85	9.84	9.95	9.88	9.78	9.74	9.73	9.94
		182°	9.61	9.85	9.90	9.91	9.90	9.79	9.70	9.77	9.85
		183°	9.59	9.83	9.84	9.98	9.89	9.81	9.74	9.75	9.86
		184°	9.58	9.81	9.85	9.97	9.81	9.79	9.71	9.77	9.86
		185°	9.62	9.78	9.87	9.96	9.90	9.78	9.72	9.75	9.87
		195°	9.66	9.82	9.94	9.98	9.90	9.73	9.74	9.76	9.87
		205°	9.67	9.80	9.89	9.90	9.83	9.81	9.70	9.76	9.91
		215°	9.65	9.85	9.93	9.96	9.90	9.80	9.69	9.81	9.89
		225°	9.65	9.80	9.89	9.95	9.82	9.72	9.71	9.81	9.94
		235°	9.67	9.83	9.90	9.97	9.85	9.77	9.67	9.80	9.85
		245°	9.58	9.85	9.94	9.96	9.86	9.75	9.68	9.83	9.85
		255°	9.59	9.80	9.89	9.99	9.89	9.80	9.73	9.81	9.86
		265°	9.60	9.84	9.89	9.98	9.86	9.75	9.68	9.82	9.90
		275°	9.60	9.87	9.84	9.93	9.91	9.77	9.68	9.80	9.93
		285°	9.59	9.86	9.94	9.89	9.83	9.75	9.72	9.81	9.90
		295°	9.63	9.87	9.94	9.92	9.87	9.74	9.76	9.78	9.91
		305°	9.58	9.84	9.88	9.96	9.81	9.74	9.72	9.78	9.87
		315°	9.61	9.80	9.85	9.95	9.84	9.74	9.70	9.81	9.89
		325°	9.63	9.84	9.90	9.89	9.81	9.71	9.75	9.78	9.86
		335°	9.58	9.79	9.93	9.96	9.81	9.78	9.66	9.73	9.86
		345°	9.65	9.85	9.92	9.96	9.82	9.81	9.66	9.82	9.93
		355°	9.63	9.87	9.89	9.89	9.89	9.75	9.74	9.78	9.86
		360°	9.64	9.82	9.93	9.89	9.88	9.76	9.66	9.79	9.94
	Tablet	350°	9.63	9.82	9.92	9.97	9.91	9.73	9.67	9.78	9.88
		340°	9.57	9.87	9.87	9.92	9.90	9.75	9.72	9.74	9.90
		330°	9.62	9.83	9.88	9.90	9.90	9.77	9.72	9.77	9.89
		320°	9.65	9.87	9.88	9.89	9.86	9.72	9.76	9.76	9.87
		310°	9.58	9.85	9.94	9.95	9.88	9.71	9.67	9.74	9.88
		300°	9.66	9.81	9.94	9.96	9.89	9.78	9.66	9.83	9.92
		290°	9.62	9.79	9.86	9.92	9.83	9.81	9.73	9.79	9.94
		280°	9.63	9.82	9.94	9.94	9.86	9.80	9.75	9.73	9.85
		270°	9.61	9.86	9.89	9.90	9.84	9.72	9.75	9.75	9.85
		260°	9.64	9.86	9.92	9.96	9.83	9.75	9.67	9.77	9.85
		250°	9.63	9.84	9.93	9.98	9.84	9.71	9.71	9.78	9.92
		240°	9.61	9.86	9.89	9.98	9.90	9.71	9.74	9.76	9.89
		230°	9.67	9.88	9.87	9.99	9.84	9.71	9.71	9.80	9.90
		220°	9.59	9.84	9.86	9.89	9.85	9.81	9.66	9.74	9.91
		210°	9.65	9.85	9.88	9.99	9.89	9.77	9.74	9.83	9.93
		200°	9.63	9.81	9.94	9.97	9.91	9.72	9.69	9.81	9.94
		190°	9.58	9.82	9.91	9.94	9.91	9.71	9.76	9.80	9.91
		180°	9.57	9.83	9.91	9.93	9.86	9.76	9.66	9.79	9.90

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Antenna	Operation mode	Lid angle	802.11ac(160M) 5.2G	802.11ac(80M) 5.3G	802.11ac(160M) 5.6G	802.11ac(80M) 5.8G	802.11ac(160M) 5.9G	U-NII-5 6.2GHz 802.11be(320M)	U-NII-6 6.5GHz 802.11be(320M)	U-NII-7 6.7GHz 802.11be(320M)	U-NII-8 7.0GHz 802.11be(320M)
Main	Laptop	170°	12.95	13.10	12.88	12.91	11.81	10.89	10.52	10.89	10.92
		175°	13.01	13.09	12.78	12.94	11.83	10.95	10.54	10.88	10.94
	Tablet	180°	9.61	9.63	9.90	9.97	9.86	9.80	9.72	9.78	9.84
		179°	13.03	13.04	12.81	12.92	11.82	10.98	10.58	10.92	10.96
	Laptop	178°	12.98	13.06	12.81	12.90	11.79	10.92	10.62	10.89	10.95
		177°	12.99	13.01	12.82	12.92	11.84	10.93	10.60	10.91	10.98
		176°	13.02	13.10	12.82	12.91	11.86	10.94	10.54	10.94	10.89
		175°	13.01	13.11	12.77	12.93	11.89	10.97	10.55	10.91	10.92
		174°	13.03	13.05	12.81	12.94	11.87	10.89	10.52	10.96	10.90
		173°	12.95	13.02	12.80	12.91	11.80	10.90	10.61	10.89	10.93
		172°	13.02	13.11	12.93	12.90	11.79	10.97	10.53	10.88	10.96
		171°	13.00	13.03	12.78	12.92	11.82	10.90	10.62	10.91	10.95
		170°	13.00	13.09	12.78	12.92	11.86	10.90	10.60	10.90	10.91
		160°	13.04	13.07	12.81	12.95	11.83	10.92	10.55	10.93	10.98
		150°	13.00	13.05	12.82	12.92	11.81	10.98	10.61	10.95	10.91
		140°	13.04	13.09	12.81	12.89	11.85	10.92	10.52	10.95	10.93
		130°	13.05	13.02	12.78	12.94	11.86	10.95	10.62	10.95	10.95
		120°	13.01	13.06	12.78	12.92	11.88	10.99	10.52	10.97	10.98
		110°	12.95	13.05	12.82	12.90	11.85	10.91	10.53	10.88	10.91
		100°	12.96	13.01	12.84	12.93	11.83	10.99	10.57	10.97	10.90
		90°	12.95	13.05	12.84	12.96	11.79	10.94	10.60	10.91	10.98
		80°	13.01	13.03	12.78	12.91	11.84	10.90	10.52	10.90	10.92
		70°	12.97	13.05	12.85	12.98	11.84	10.97	10.52	10.91	10.96
		60°	13.03	13.02	12.82	12.98	11.86	10.90	10.52	10.88	10.89
		50°	13.02	13.02	12.83	12.95	11.83	10.98	10.52	10.90	10.97
		40°	12.99	13.07	12.82	12.92	11.79	10.91	10.56	10.96	10.98
		30°	13.00	13.01	12.81	12.96	11.85	10.98	10.54	10.93	10.92
	Lid close	20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Laptop	30°	12.96	13.03	12.82	12.96	11.88	10.93	10.62	10.90	10.91
		29°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Lid close	28°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		27°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		26°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		24°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		23°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		22°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		21°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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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Antenna	Operation mode	Lid angle	802.11ac(160M) 5.2G	802.11ac(80M) 5.3G	802.11ac(160M) 5.6G	802.11ac(80M) 5.8G	802.11ac(160M) 5.9G	U-NII-5 6.2GHz 802.11be(320M)	U-NII-6 6.5GHz 802.11be(320M)	U-NII-7 6.7GHz 802.11be(320M)	U-NII-8 7.0GHz 802.11be(320M)
Aux	Lid close	0°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		30°	12.85	12.78	12.94	12.90	11.97	10.79	10.57	10.80	10.67
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		26°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		27°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		28°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		29°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		30°	12.82	12.79	12.98	12.82	11.87	10.86	10.61	10.80	10.66
	Lid close	31°	12.82	12.79	12.91	12.81	11.97	10.76	10.55	10.85	10.66
		32°	12.85	12.86	12.95	12.84	11.91	10.85	10.59	10.81	10.65
		33°	12.89	12.80	12.96	12.89	11.87	10.78	10.64	10.88	10.66
		34°	12.87	12.77	12.93	12.86	11.87	10.84	10.62	10.81	10.63
		35°	12.80	12.77	12.88	12.81	11.94	10.80	10.61	10.82	10.63
		40°	12.84	12.80	12.96	12.87	11.97	10.83	10.61	10.81	10.70
		55°	12.80	12.82	12.94	12.86	11.91	10.81	10.64	10.83	10.64
		65°	12.85	12.83	12.94	12.84	11.96	10.79	10.57	10.88	10.66
		75°	12.84	12.77	12.95	12.82	11.94	10.84	10.64	10.81	10.65
		80°	12.84	12.82	12.98	12.86	11.87	10.78	10.65	10.87	10.68
	Laptop	85°	12.85	12.83	12.97	12.86	11.94	10.76	10.65	10.89	10.64
		105°	12.86	12.77	12.95	12.84	11.87	10.82	10.60	10.86	10.64
		115°	12.82	12.78	12.92	12.81	11.88	10.86	10.63	10.81	10.63
		125°	12.87	12.83	12.92	12.85	11.96	10.76	10.62	10.85	10.67
		135°	12.82	12.84	12.91	12.86	11.88	10.80	10.61	10.83	10.65
		145°	12.79	12.80	12.95	12.89	11.87	10.84	10.60	10.89	10.62
		155°	12.88	12.79	12.96	12.85	11.89	10.81	10.65	10.82	10.68
		165°	12.81	12.76	12.90	12.83	11.92	10.78	10.58	10.83	10.65
		175°	12.81	12.82	12.94	12.88	11.94	10.78	10.61	10.81	10.61
		185°	9.77	9.67	9.79	9.85	9.73	9.92	9.54	9.77	9.63
	Tablet	180°	9.80	9.67	9.81	9.83	9.74	9.91	9.54	9.78	9.63
		175°	12.83	12.82	12.93	12.86	11.89	10.86	10.64	10.80	10.67
	Laptop	176°	12.86	12.81	12.98	12.81	11.96	10.79	10.57	10.81	10.69
		177°	12.81	12.78	12.94	12.90	11.90	10.86	10.60	10.82	10.64
		178°	12.86	12.85	12.95	12.87	11.90	10.82	10.64	10.85	10.66
		179°	12.79	12.79	12.95	12.87	11.92	10.85	10.57	10.83	10.63
		180°	9.78	9.75	9.80	9.85	9.71	9.92	9.57	9.83	9.65
		181°	9.75	9.72	9.74	9.94	9.65	9.95	9.60	9.76	9.67
		182°	9.76	9.67	9.79	9.89	9.70	9.96	9.57	9.80	9.58
		183°	9.79	9.73	9.78	9.86	9.67	9.96	9.60	9.80	9.65
		184°	9.78	9.68	9.73	9.85	9.72	9.95	9.55	9.83	9.64
		185°	9.78	9.74	9.77	9.84	9.64	9.92	9.54	9.84	9.60
	Tablet	195°	9.80	9.70	9.82	9.86	9.68	9.97	9.57	9.77	9.66
		205°	9.75	9.72	9.77	9.92	9.64	9.92	9.56	9.83	9.58
		215°	9.74	9.73	9.80	9.84	9.66	9.96	9.57	9.78	9.61
		225°	9.72	9.76	9.79	9.94	9.68	9.88	9.54	9.79	9.62
		235°	9.75	9.70	9.82	9.90	9.69	9.87	9.58	9.82	9.60
		245°	9.74	9.69	9.82	9.94	9.65	9.94	9.62	9.80	9.63
		255°	9.78	9.71	9.78	9.84	9.70	9.97	9.61	9.76	9.65
		265°	9.73	9.69	9.80	9.85	9.74	9.96	9.56	9.76	9.57
		275°	9.72	9.76	9.80	9.86	9.71	9.92	9.60	9.77	9.65
		285°	9.73	9.67	9.82	9.88	9.73	9.90	9.59	9.84	9.67
		295°	9.78	9.74	9.80	9.92	9.70	9.91	9.55	9.81	9.64
		305°	9.76	9.75	9.81	9.85	9.71	9.92	9.55	9.83	9.63
		315°	9.74	9.74	9.74	9.93	9.67	9.89	9.62	9.78	9.62
		325°	9.71	9.68	9.82	9.94	9.66	9.92	9.53	9.84	9.59
		335°	9.74	9.71	9.75	9.92	9.64	9.87	9.58	9.75	9.58
		345°	9.72	9.69	9.74	9.86	9.69	9.97	9.55	9.77	9.67
		355°	9.75	9.72	9.80	9.87	9.72	9.97	9.60	9.83	9.59
		360°	9.73	9.71	9.79	9.90	9.73	9.96	9.57	9.81	9.59
		350°	9.81	9.67	9.82	9.93	9.73	9.94	9.62	9.77	9.63
		340°	9.78	9.74	9.80	9.94	9.71	9.95	9.55	9.85	9.60
		330°	9.75	9.67	9.74	9.90	9.68	9.93	9.56	9.78	9.60
		320°	9.72	9.75	9.76	9.85	9.64	9.89	9.59	9.75	9.61
		310°	9.71	9.74	9.82	9.84	9.73	9.90	9.62	9.81	9.60
		300°	9.77	9.71	9.82	9.92	9.68	9.90	9.54	9.77	9.66
		290°	9.79	9.75	9.74	9.94	9.67	9.92	9.61	9.85	9.59
		280°	9.78	9.70	9.83	9.91	9.68	9.90	9.63	9.75	9.67
		270°	9.77	9.68	9.79	9.84	9.73	9.90	9.53	9.83	9.64
		260°	9.71	9.69	9.79	9.94	9.65	9.89	9.56	9.76	9.59
		250°	9.72	9.70	9.78	9.94	9.66	9.95	9.60	9.84	9.61
		240°	9.75	9.71	9.74	9.92	9.67	9.95	9.61	9.81	9.63
		230°	9.71	9.66	9.77	9.90	9.69	9.95	9.59	9.83	9.57
		220°	9.77	9.75	9.77	9.88	9.67	9.91	9.54	9.84	9.60
		210°	9.81	9.68	9.74	9.92	9.66	9.92	9.61	9.82	9.59
		200°	9.81	9.70	9.81	9.85	9.67	9.92	9.58	9.80	9.63
		190°	9.78	9.73	9.77	9.94	9.66	9.97	9.63	9.77	9.66
		180°	9.80	9.74	9.78	9.85	9.71	9.88	9.60	9.75	9.65

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Antenna	Operation mode	Lid angle	802.11ac(160M) 5.2G	802.11ac(80M) 5.3G	802.11ac(160M) 5.6G	802.11ac(80M) 5.8G	802.11ac(160M) 5.9G	U-NII-5 6.2GHz 802.11be(320M)	U-NII-6 6.5GHz 802.11be(320M)	U-NII-7 6.7GHz 802.11be(320M)	U-NII-8 7.0GHz 802.11be(320M)
Aux	Laptop	170°	12.88	12.85	12.88	12.81	11.88	10.76	10.59	10.85	10.67
		175°	12.86	12.84	12.95	12.84	11.94	10.85	10.56	10.88	10.69
	Tablet	180°	9.81	9.68	9.77	9.87	9.67	9.90	9.63	9.77	9.59
		179°	12.84	12.79	12.98	12.86	11.91	10.81	10.62	10.86	10.62
	Laptop	178°	12.85	12.84	12.92	12.87	11.88	10.86	10.61	10.79	10.68
		177°	12.87	12.80	12.97	12.81	11.88	10.83	10.61	10.84	10.70
		176°	12.81	12.85	12.92	12.91	11.91	10.81	10.55	10.87	10.69
		175°	12.89	12.79	12.97	12.85	11.88	10.77	10.64	10.81	10.69
		174°	12.82	12.84	12.92	12.82	11.88	10.77	10.56	10.82	10.66
		173°	12.85	12.85	12.88	12.89	11.94	10.77	10.61	10.82	10.61
		172°	12.85	12.81	12.89	12.83	11.94	10.79	10.57	10.84	10.67
		171°	12.86	12.80	12.95	12.84	11.87	10.77	10.64	10.82	10.71
		170°	12.80	12.77	12.92	12.82	11.93	10.82	10.55	10.89	10.64
		160°	12.86	12.80	12.91	12.89	11.92	10.77	10.55	10.89	10.71
		150°	12.84	12.79	12.91	12.83	11.88	10.78	10.64	10.85	10.65
		140°	12.82	12.78	12.95	12.81	11.87	10.84	10.64	10.88	10.66
		130°	12.79	12.84	12.88	12.87	11.89	10.78	10.57	10.86	10.63
		120°	12.84	12.80	12.94	12.82	11.94	10.77	10.57	10.82	10.62
		110°	12.81	12.76	12.96	12.85	11.89	10.76	10.61	10.79	10.66
		100°	12.79	12.79	12.90	12.91	11.88	10.79	10.61	10.87	10.67
		90°	12.85	12.84	12.93	12.91	11.93	10.82	10.56	10.89	10.66
		80°	12.85	12.84	12.95	12.82	11.95	10.84	10.61	10.83	10.62
		70°	12.81	12.77	12.93	12.82	11.95	10.84	10.65	10.89	10.71
		60°	12.86	12.85	12.97	12.81	11.96	10.78	10.58	10.80	10.62
		50°	12.85	12.82	12.89	12.87	11.95	10.85	10.57	10.89	10.67
		40°	12.85	12.80	12.90	12.83	11.90	10.77	10.56	10.85	10.61
		30°	12.82	12.77	12.93	12.86	11.91	10.79	10.63	10.87	10.66
	Lid close	20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Laptop	30°	12.87	12.79	12.95	12.84	11.96	10.80	10.55	10.80	10.63
		29°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		28°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		27°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		26°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		24°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		23°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		22°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		21°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Lid close	30°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		29°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		28°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		27°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		26°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		24°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		23°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		22°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		21°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Antenna	Operation mode	Lid angle	802.11ac(160M) 5.2G	802.11ac(80M) 5.3G	802.11ac(160M) 5.6G	802.11ac(80M) 5.8G	802.11ac(160M) 5.9G	U-NII-5 6.2GHz 802.11be(320M)	U-NII-6 6.5GHz 802.11be(320M)	U-NII-7 6.7GHz 802.11be(320M)	U-NII-8 7.0GHz 802.11be(320M)
MIMO	Lid close	0°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Laptop	30°	15.89	15.93	15.89	15.90	14.85	13.72	13.57	13.87	13.81
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		28°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Lid close	27°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		28°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		29°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Laptop	30°	15.97	15.96	15.87	15.93	14.86	13.77	13.62	13.93	13.86
		31°	15.92	15.96	15.88	15.95	14.92	13.81	13.63	13.85	13.85
		32°	15.90	15.96	15.85	15.94	14.90	13.77	13.66	13.92	13.81
		33°	15.88	15.99	15.93	15.94	14.90	13.74	13.67	13.91	13.85
		34°	15.94	15.91	15.85	15.93	14.85	13.74	13.60	13.87	13.77
		35°	15.98	15.99	15.85	15.90	14.91	13.73	13.60	13.94	13.78
		40°	15.91	15.93	15.93	15.95	14.87	13.81	13.64	13.88	13.77
		55°	15.97	15.90	15.84	15.91	14.86	13.77	13.59	13.88	13.84
		65°	15.94	15.92	15.88	15.90	14.86	13.82	13.62	13.94	13.78
		75°	15.89	16.00	15.88	15.90	14.92	13.75	13.62	13.85	13.77
		80°	15.97	15.96	15.92	15.88	14.94	13.78	13.59	13.89	13.83
		90°	15.94	15.96	15.87	15.94	14.86	13.81	13.55	13.89	13.81
		105°	15.95	15.97	15.91	15.89	14.94	13.75	13.60	13.92	13.79
		115°	15.92	15.91	15.85	15.89	14.84	13.74	13.61	13.92	13.76
		125°	15.89	15.96	15.91	15.88	14.92	13.77	13.60	13.86	13.77
		135°	15.88	15.99	15.83	15.88	14.86	13.73	13.60	13.86	13.85
		145°	15.95	15.97	15.87	15.91	14.92	13.80	13.65	13.85	13.85
		155°	15.92	15.97	15.83	15.90	14.84	13.79	13.60	13.95	13.86
		165°	15.92	15.97	15.91	15.87	14.91	13.81	13.59	13.91	13.79
		175°	15.93	15.92	15.93	15.90	14.86	13.77	13.67	13.88	13.86
	Tablet	185°	12.69	12.81	12.80	12.92	12.83	12.84	12.58	12.93	12.65
		190°	12.75	12.73	12.87	12.92	12.78	12.84	12.63	12.92	12.66
		175°	15.93	15.92	15.91	15.89	14.89	13.73	13.59	13.85	13.84
	Laptop	176°	15.97	15.90	15.89	15.95	14.91	13.73	13.62	13.86	13.84
		177°	15.91	16.00	15.83	15.88	14.90	13.74	13.67	13.90	13.83
		178°	15.92	15.96	15.84	15.91	14.85	13.74	13.64	13.94	13.82
	Tablet	179°	15.91	15.94	15.86	15.86	14.91	13.82	13.64	13.92	13.85
		180°	12.73	12.78	12.82	12.91	12.82	12.79	12.64	12.98	12.65
		181°	12.72	12.73	12.88	12.92	12.81	12.83	12.64	12.91	12.68
		182°	12.75	12.79	12.88	12.96	12.84	12.81	12.55	12.95	12.63
		183°	12.68	12.73	12.83	12.96	12.83	12.78	12.55	12.89	12.72
		184°	12.68	12.79	12.94	12.88	12.81	12.83	12.64	12.98	12.65
		185°	12.75	12.76	12.81	12.89	12.81	12.87	12.65	12.91	12.66
		195°	12.66	12.83	12.85	12.92	12.76	12.80	12.60	12.95	12.69
		205°	12.74	12.83	12.80	12.89	12.79	12.78	12.57	12.90	12.64
		215°	12.66	12.81	12.84	12.95	12.77	12.85	12.64	12.92	12.68
		225°	12.68	12.78	12.85	12.97	12.82	12.81	12.64	12.91	12.70
		235°	12.66	12.77	12.86	12.92	12.75	12.77	12.63	12.89	12.69
		245°	12.72	12.81	12.80	12.91	12.81	12.78	12.61	12.95	12.66
		255°	12.67	12.75	12.83	12.94	12.82	12.82	12.55	12.95	12.69
		265°	12.71	12.73	12.90	12.92	12.76	12.81	12.55	12.93	12.65
		275°	12.72	12.79	12.90	12.92	12.75	12.79	12.63	12.97	12.71
		285°	12.72	12.80	12.82	12.91	12.76	12.79	12.61	12.88	12.68
		295°	12.74	12.83	12.81	12.96	12.78	12.86	12.59	12.90	12.66
		305°	12.74	12.76	12.82	12.98	12.78	12.86	12.63	12.92	12.72
		315°	12.73	12.74	12.81	12.90	12.84	12.83	12.64	12.97	12.64
		325°	12.73	12.82	12.96	12.92	12.80	12.77	12.60	12.89	12.63
		335°	12.66	12.79	12.83	12.96	12.81	12.85	12.59	12.89	12.68
		345°	12.75	12.82	12.83	12.92	12.78	12.77	12.63	12.90	12.69
		355°	12.66	12.77	12.89	12.96	12.83	12.80	12.60	12.97	12.67
		360°	12.70	12.76	12.87	12.92	12.76	12.79	12.57	12.93	12.68
		350°	12.69	12.74	12.81	12.93	12.79	12.82	12.63	12.93	12.64
		340°	12.70	12.77	12.81	12.92	12.83	12.83	12.60	12.91	12.63
		330°	12.75	12.74	12.89	12.94	12.81	12.79	12.60	12.88	12.68
		320°	12.67	12.76	12.81	12.98	12.80	12.81	12.55	12.94	12.70
		310°	12.75	12.73	12.83	12.98	12.84	12.83	12.57	12.95	12.69
		300°	12.69	12.76	12.89	12.90	12.83	12.87	12.58	12.95	12.73
		290°	12.74	12.76	12.86	12.91	12.80	12.83	12.58	12.88	12.69
		280°	12.66	12.83	12.86	12.97	12.80	12.83	12.56	12.89	12.73
		270°	12.67	12.81	12.86	12.97	12.81	12.86	12.64	12.94	12.72
		260°	12.72	12.76	12.89	12.98	12.79	12.79	12.56	12.92	12.67
		250°	12.73	12.75	12.82	12.97	12.83	12.85	12.57	12.90	12.65
		240°	12.75	12.83	12.82	12.88	12.76	12.81	12.61	12.91	12.64
		230°	12.71	12.83	12.81	12.92	12.79	12.79	12.60	12.98	12.70
		220°	12.71	12.75	12.83	12.91	12.84	12.77	12.61	12.92	12.65
		210°	12.72	12.74	12.86	12.96	12.80	12.78	12.64	12.90	12.64
		200°	12.66	12.78	12.83	12.93	12.77	12.80	12.59	12.95	12.64
		190°	12.72	12.77	12.80	12.91	12.84	12.83	12.62	12.96	12.66
		180°	12.72	12.82	12.87	12.93	12.79	12.81	12.60	12.96	12.68

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Antenna	Operation mode	Lid angle	802.11ac(160M) 5.2G	802.11ac(80M) 5.3G	802.11ac(160M) 5.6G	802.11ac(80M) 5.8G	802.11ac(160M) 5.9G	U-NII-5 6.2GHz 802.11be(320M)	U-NII-6 6.5GHz 802.11be(320M)	U-NII-7 6.7GHz 802.11be(320M)	U-NII-8 7.0GHz 802.11be(320M)
MIMO	Laptop	170°	15.97	15.95	15.93	15.89	14.88	13.78	13.57	13.87	13.79
		175°	15.88	15.88	15.84	15.87	14.92	13.74	13.63	13.89	13.85
	Tablet	180°	12.73	12.73	12.88	12.92	12.74	12.84	12.60	12.98	12.69
		179°	15.90	16.00	15.83	15.90	14.91	13.72	13.60	13.92	13.78
	Laptop	178°	15.91	15.94	15.93	15.93	14.90	13.76	13.56	13.89	13.82
		177°	15.96	15.99	15.84	15.91	14.94	13.81	13.61	13.95	13.79
		176°	15.94	15.94	15.93	15.90	14.86	13.82	13.59	13.95	13.78
		175°	15.88	15.91	15.86	15.95	14.90	13.82	13.59	13.85	13.77
		174°	15.93	16.00	15.88	15.86	14.88	13.76	13.61	13.93	13.76
		173°	15.90	15.95	15.92	15.89	14.89	13.81	13.61	13.87	13.85
		172°	15.88	15.97	15.85	15.92	14.87	13.78	13.63	13.85	13.81
		171°	15.90	16.00	15.83	15.91	14.84	13.79	13.65	13.89	13.79
		170°	15.95	16.00	15.83	15.89	14.89	13.79	13.58	13.88	13.82
		160°	15.94	15.91	15.92	15.94	14.84	13.81	13.57	13.86	13.84
		150°	15.89	15.92	15.87	15.94	14.89	13.81	13.64	13.86	13.76
		140°	15.89	15.96	15.93	15.93	14.89	13.81	13.58	13.92	13.77
		130°	15.97	15.96	15.89	15.96	14.92	13.81	13.59	13.90	13.79
		120°	15.97	15.92	15.91	15.93	14.87	13.80	13.58	13.89	13.77
		110°	15.91	15.93	15.93	15.93	14.87	13.77	13.63	13.85	13.86
		100°	15.90	15.96	15.89	15.89	14.90	13.81	13.59	13.93	13.83
		90°	15.89	15.96	15.91	15.90	14.84	13.82	13.63	13.93	13.82
		80°	15.91	16.00	15.92	15.86	14.93	13.82	13.59	13.88	13.81
		70°	15.96	15.93	15.84	15.90	14.90	13.75	13.56	13.86	13.84
		60°	15.94	15.94	15.93	15.86	14.84	13.80	13.62	13.90	13.78
		50°	15.90	15.98	15.86	15.95	14.84	13.82	13.62	13.85	13.77
		40°	15.97	16.00	15.89	15.96	14.87	13.82	13.64	13.94	13.80
		30°	15.88	15.90	15.83	15.95	14.90	13.78	13.60	13.88	13.76
	Lid close	20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Laptop	30°	15.96	15.94	15.84	15.96	14.91	13.74	13.55	13.92	13.86
		29°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		28°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		27°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		26°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		24°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		23°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		22°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		21°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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6.5 Test limit

§ 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).

§ 1.1310(b)

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 spatial-average 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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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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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 Occupational/Controlled Exposure				
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 General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			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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7 MAXIMUM OUTPUT POWER

7.1 WLAN

NB

Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	14.00	13.75
		6	2437		14.00	13.87
		11	2462		14.00	13.95
	802.11g	1	2412	6Mbps	14.00	13.80
		6	2437		14.00	13.84
		11	2462		14.00	13.76
	802.11n20-HT0	1	2412	MCS0	14.00	13.77
		6	2437		14.00	13.89
		11	2462		14.00	13.75
	802.11ax20-HE0	1	2412	MCS0	14.00	13.86
		6	2437		14.00	13.71
		11	2462		14.00	13.79
	802.11be20-EHT0	1	2412	MCS0	14.00	13.86
		6	2437		14.00	13.75
		11	2462		14.00	13.87
	802.11n40-HT0	3	2422	MCS0	14.00	13.87
		6	2437		14.00	13.79
		9	2452		14.00	13.77
	802.11ax40-HE0	3	2422	MCS0	14.00	13.80
		6	2437		14.00	13.70
		9	2452		14.00	13.86
	802.11be40-EHT0	3	2422	MCS0	14.00	13.84
		6	2437		14.00	13.71
		9	2452		14.00	13.79

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Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	13.50	12.78
		40	5200		13.50	12.79
		44	5220		13.50	12.83
		48	5240		13.50	12.88
	802.11n20-HT0	36	5180	MCS0	13.50	12.76
		40	5200		13.50	12.89
		44	5220		13.50	12.89
		48	5240		13.50	12.80
	802.11ac20-VHT0	36	5180	MCS0	13.50	12.81
		40	5200		13.50	12.85
		44	5220		13.50	12.73
		48	5240		13.50	12.73
	802.11ax20-HE0	36	5180	MCS0	13.50	12.81
		40	5200		13.50	12.72
		44	5220		13.50	12.74
		48	5240		13.50	12.70
	802.11be20-EHT0	36	5180	MCS0	13.50	12.82
		40	5200		13.50	12.82
		44	5220		13.50	12.87
		48	5240		13.50	12.82
	802.11n40-HT0	38	5190	MCS0	13.50	12.78
		46	5230		13.50	12.76
	802.11ac40-VHT0	38	5190	MCS0	13.50	12.87
		46	5230		13.50	12.75
	802.11ax40-HE0	38	5190	MCS0	13.50	12.86
		46	5230		13.50	12.81
	802.11be40-EHT0	38	5190	MCS0	13.50	12.71
		46	5230		13.50	12.76
	802.11ac80-VHT0	42	5210	MCS0	13.50	12.77
	802.11ax80-HE0	42	5210	MCS0	13.50	12.87
	802.11be80-EHT0	42	5210	MCS0	13.50	12.76
	802.11ac160-VHT0	50	5250	MCS0	13.50	13.05
	802.11ax160-HE0	50	5250	MCS0	13.50	12.84
	802.11be160-EHT0	50	5250	MCS0	13.50	12.84

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	13.50	12.90
		56	5280		13.50	12.86
		60	5300		13.50	12.93
		64	5320		13.50	12.94
	802.11n20-HT0	52	5260	MCS0	13.50	12.93
		56	5280		13.50	12.95
		60	5300		13.50	12.94
		64	5320		13.50	12.94
	802.11ac20-VHT0	52	5260	MCS0	13.50	12.83
		56	5280		13.50	12.88
		60	5300		13.50	12.86
		64	5320		13.50	12.81
	802.11ax20-HE0	52	5260	MCS0	13.50	12.85
		56	5280		13.50	12.87
		60	5300		13.50	12.94
		64	5320		13.50	13.00
	802.11be20-EHT0	52	5260	MCS0	13.50	12.86
		56	5280		13.50	12.81
		60	5300		13.50	12.98
		64	5320		13.50	12.80
	802.11n40-HT0	54	5270	MCS0	13.50	12.81
		62	5310		13.50	12.98
	802.11ac40-VHT0	54	5270	MCS0	13.50	12.93
		62	5310		13.50	12.84
	802.11ax40-HE0	54	5270	MCS0	13.50	12.84
		62	5310		13.50	12.85
	802.11be40-EHT0	54	5270	MCS0	13.50	12.98
		62	5310		13.50	12.95
	802.11ac80-VHT0	58	5290	MCS0	13.50	13.25
	802.11ax80-HE0	58	5290	MCS0	13.50	12.90
	802.11be80-EHT0	58	5290	MCS0	13.50	12.81

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5.6GHz	802.11a	100	5500	6Mbps	13.50	12.64
		120	5600		13.50	12.66
		140	5700		13.50	12.69
		144	5720		13.50	12.61
	802.11n20-HT0	100	5500	MCS0	13.50	12.70
		120	5600		13.50	12.74
		140	5700		13.50	12.76
		144	5720		13.50	12.72
	802.11ac20-VHT0	100	5500	MCS0	13.50	12.73
		120	5600		13.50	12.67
		140	5700		13.50	12.60
		144	5720		13.50	12.70
	802.11ax20-HE0	100	5500	MCS0	13.50	12.78
		120	5600		13.50	12.65
		140	5700		13.50	12.77
		144	5720		13.50	12.74
	802.11be20-EHT0	100	5500	MCS0	13.50	12.62
		120	5600		13.50	12.62
		140	5700		13.50	12.77
		144	5720		13.50	12.64
	802.11n40-HT0	102	5510	MCS0	13.50	12.68
		118	5590		13.50	12.75
		134	5670		13.50	12.75
		142	5710		13.50	12.70
	802.11ac40-VHT0	102	5510	MCS0	13.50	12.75
		118	5590		13.50	12.67
		134	5670		13.50	12.61
		142	5710		13.50	12.77
	802.11ax40-HE0	102	5510	MCS0	13.50	12.74
		118	5590		13.50	12.80
		134	5670		13.50	12.76
		142	5710		13.50	12.67
	802.11be40-EHT0	102	5510	MCS0	13.50	12.69
		118	5590		13.50	12.72
		134	5670		13.50	12.70
		142	5710		13.50	12.69
	802.11ac80-VHT0	106	5530	MCS0	13.50	12.69
		122	5610		13.50	12.61
		138	5690		13.50	12.75
	802.11ax80-HE0	106	5530	MCS0	13.50	12.76
		122	5610		13.50	12.64
		138	5690		13.50	12.67
	802.11be80-EHT0	106	5530	MCS0	13.50	12.62
		122	5610		13.50	12.62
		138	5690		13.50	12.61
	802.11ac160-VHT0	114	5570	MCS0	13.50	13.06
	802.11ax160-HE0	114	5570	MCS0	13.50	12.74
	802.11be160-EHT0	114	5570	MCS0	13.50	12.77

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5.8GHz	802.11a	149	5745	6Mbps	13.00	12.60
		157	5785		13.00	12.49
		165	5825		13.00	12.40
	802.11n20-HT0	149	5745	MCS0	13.00	12.51
		157	5785		13.00	12.57
		165	5825		13.00	12.60
	802.11ac20-VHT0	149	5745	MCS0	13.00	12.42
		157	5785		13.00	12.54
		165	5825		13.00	12.56
	802.11ax20-HE0	149	5745	MCS0	13.00	12.43
		157	5785		13.00	12.51
		165	5825		13.00	12.50
	802.11be20-EHT0	149	5745	MCS0	13.00	12.43
		157	5785		13.00	12.45
		165	5825		13.00	12.41
	802.11n40-HT0	151	5755	MCS0	13.00	12.58
		159	5795		13.00	12.44
	802.11ac40-VHT0	151	5755	MCS0	13.00	12.52
		159	5795		13.00	12.40
	802.11ax40-HE0	151	5755	MCS0	13.00	12.51
		159	5795		13.00	12.49
	802.11be40-EHT0	151	5755	MCS0	13.00	12.47
		159	5795		13.00	12.47
	802.11ac80-VHT0	155	5775	MCS0	13.00	12.99
	802.11ax80-HE0	155	5775	MCS0	13.00	12.43
	802.11be80-EHT0	155	5775	MCS0	13.00	12.57

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5.9GHz	802.11a	169	5845	6Mbps	12.00	11.50
		173	5865		12.00	11.43
		177	5885		12.00	11.54
	802.11n20-HT0	169	5845	MCS0	12.00	11.41
		173	5865		12.00	11.40
		177	5885		12.00	11.42
	802.11ac20-VHT0	169	5845	MCS0	12.00	11.40
		173	5865		12.00	11.54
		177	5885		12.00	11.46
	802.11ax20-HE0	169	5845	MCS0	12.00	11.52
		173	5865		12.00	11.48
		177	5885		12.00	11.53
	802.11be20-EHT0	169	5845	MCS0	12.00	11.46
		173	5865		12.00	11.58
		177	5885		12.00	11.46
	802.11n40-HT0	167	5835	MCS0	12.00	11.50
		175	5875		12.00	11.56
	802.11ac40-VHT0	167	5835	MCS0	12.00	11.59
		175	5875		12.00	11.49
	802.11ax40-HE0	167	5835	MCS0	12.00	11.55
		175	5875		12.00	11.60
	802.11be40-EHT0	167	5835	MCS0	12.00	11.56
		175	5875		12.00	11.51
	802.11ac80-VHT0	171	5855	MCS0	12.00	11.57
	802.11ax80-HE0	171	5855	MCS0	12.00	11.51
	802.11be80-EHT0	171	5855	MCS0	12.00	11.57
	802.11ac160-VHT0	163	5815	MCS0	12.00	11.89
	802.11ax160-HE0	163	5815	MCS0	12.00	11.54
	802.11be160-EHT0	163	5815	MCS0	12.00	11.53

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	14.00	13.99
		6	2437		14.00	13.92
		11	2462		14.00	13.77
	802.11g	1	2412	6Mbps	14.00	13.68
		6	2437		14.00	13.58
		11	2462		14.00	13.70
	802.11n20-HT0	1	2412	MCS0	14.00	13.61
		6	2437		14.00	13.70
		11	2462		14.00	13.55
	802.11ax20-HE0	1	2412	MCS0	14.00	13.67
		6	2437		14.00	13.66
		11	2462		14.00	13.58
	802.11be20-EHT0	1	2412	MCS0	14.00	13.60
		6	2437		14.00	13.67
		11	2462		14.00	13.51
	802.11n40-HT0	3	2422	MCS0	14.00	13.62
		6	2437		14.00	13.60
		9	2452		14.00	13.63
	802.11ax40-HE0	3	2422	MCS0	14.00	13.57
		6	2437		14.00	13.59
		9	2452		14.00	13.51
	802.11be40-EHT0	3	2422	MCS0	14.00	13.63
		6	2437		14.00	13.62
		9	2452		14.00	13.61

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f (886-2) 2298-0488

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	13.50	12.70
		40	5200		13.50	12.86
		44	5220		13.50	12.87
		48	5240		13.50	12.76
	802.11n20-HT0	36	5180	MCS0	13.50	12.72
		40	5200		13.50	12.84
		44	5220		13.50	12.85
		48	5240		13.50	12.78
	802.11ac20-VHT0	36	5180	MCS0	13.50	12.82
		40	5200		13.50	12.75
		44	5220		13.50	12.85
		48	5240		13.50	12.87
	802.11ax20-HE0	36	5180	MCS0	13.50	12.88
		40	5200		13.50	12.71
		44	5220		13.50	12.85
		48	5240		13.50	12.76
	802.11be20-EHT0	36	5180	MCS0	13.50	12.73
		40	5200		13.50	12.84
		44	5220		13.50	12.81
		48	5240		13.50	12.81
	802.11n40-HT0	38	5190	MCS0	13.50	12.83
		46	5230		13.50	12.76
	802.11ac40-VHT0	38	5190	MCS0	13.50	12.88
		46	5230		13.50	12.86
	802.11ax40-HE0	38	5190	MCS0	13.50	12.87
		46	5230		13.50	12.78
	802.11be40-EHT0	38	5190	MCS0	13.50	12.85
		46	5230		13.50	12.80
	802.11ac80-VHT0	42	5210	MCS0	13.50	12.72
	802.11ax80-HE0	42	5210	MCS0	13.50	12.81
	802.11be80-EHT0	42	5210	MCS0	13.50	12.72
	802.11ac160-VHT0	50	5250	MCS0	13.50	12.89
	802.11ax160-HE0	50	5250	MCS0	13.50	12.80
	802.11be160-EHT0	50	5250	MCS0	13.50	12.88

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Ant Aux						
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5.25-5.35 GHz	802.11a	52	5260	6Mbps	13.50	12.63
		56	5280		13.50	12.70
		60	5300		13.50	12.67
		64	5320		13.50	12.67
	802.11n20-HT0	52	5260	MCS0	13.50	12.54
		56	5280		13.50	12.69
		60	5300		13.50	12.70
		64	5320		13.50	12.62
	802.11ac20-VHT0	52	5260	MCS0	13.50	12.68
		56	5280		13.50	12.69
		60	5300		13.50	12.54
		64	5320		13.50	12.65
	802.11ax20-HE0	52	5260	MCS0	13.50	12.63
		56	5280		13.50	12.58
		60	5300		13.50	12.59
		64	5320		13.50	12.60
	802.11be20-EHT0	52	5260	MCS0	13.50	12.58
		56	5280		13.50	12.51
		60	5300		13.50	12.62
		64	5320		13.50	12.60
	802.11n40-HT0	54	5270	MCS0	13.50	12.65
		62	5310		13.50	12.54
	802.11ac40-VHT0	54	5270	MCS0	13.50	12.55
		62	5310		13.50	12.53
	802.11ax40-HE0	54	5270	MCS0	13.50	12.70
		62	5310		13.50	12.63
	802.11be40-EHT0	54	5270	MCS0	13.50	12.61
		62	5310		13.50	12.64
	802.11ac80-VHT0	58	5290	MCS0	13.50	13.18
	802.11ax80-HE0	58	5290	MCS0	13.50	12.57
	802.11be80-EHT0	58	5290	MCS0	13.50	12.69

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5.6GHz	802.11a	100	5500	6Mbps	13.50	12.77
		120	5600		13.50	12.72
		140	5700		13.50	12.65
		144	5720		13.50	12.60
	802.11n20-HT0	100	5500	MCS0	13.50	12.72
		120	5600		13.50	12.74
		140	5700		13.50	12.65
		144	5720		13.50	12.66
	802.11ac20-VHT0	100	5500	MCS0	13.50	12.74
		120	5600		13.50	12.75
		140	5700		13.50	12.61
		144	5720		13.50	12.69
	802.11ax20-HE0	100	5500	MCS0	13.50	12.78
		120	5600		13.50	12.78
		140	5700		13.50	12.73
		144	5720		13.50	12.62
	802.11be20-EHT0	100	5500	MCS0	13.50	12.75
		120	5600		13.50	12.77
		140	5700		13.50	12.78
		144	5720		13.50	12.65
	802.11n40-HT0	102	5510	MCS0	13.50	12.61
		118	5590		13.50	12.78
		134	5670		13.50	12.64
		142	5710		13.50	12.74
	802.11ac40-VHT0	102	5510	MCS0	13.50	12.63
		118	5590		13.50	12.73
		134	5670		13.50	12.66
		142	5710		13.50	12.65
	802.11ax40-HE0	102	5510	MCS0	13.50	12.79
		118	5590		13.50	12.76
		134	5670		13.50	12.74
		142	5710		13.50	12.64
	802.11be40-EHT0	102	5510	MCS0	13.50	12.71
		118	5590		13.50	12.67
		134	5670		13.50	12.77
		142	5710		13.50	12.70
	802.11ac80-VHT0	106	5530	MCS0	13.50	12.76
		122	5610		13.50	12.71
		138	5690		13.50	12.69
	802.11ax80-HE0	106	5530	MCS0	13.50	12.78
		122	5610		13.50	12.66
		138	5690		13.50	12.60
	802.11be80-EHT0	106	5530	MCS0	13.50	12.70
		122	5610		13.50	12.79
		138	5690		13.50	12.74
	802.11ac160-VHT0	114	5570	MCS0	13.50	13.08
	802.11ax160-HE0	114	5570	MCS0	13.50	12.61
	802.11be160-EHT0	114	5570	MCS0	13.50	12.77

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f (886-2) 2298-0488

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	13.00	12.57
		157	5785		13.00	12.41
		165	5825		13.00	12.41
	802.11n20-HT0	149	5745	MCS0	13.00	12.54
		157	5785		13.00	12.41
		165	5825		13.00	12.52
	802.11ac20-VHT0	149	5745	MCS0	13.00	12.47
		157	5785		13.00	12.59
		165	5825		13.00	12.45
	802.11ax20-HE0	149	5745	MCS0	13.00	12.59
		157	5785		13.00	12.44
		165	5825		13.00	12.49
	802.11be20-EHT0	149	5745	MCS0	13.00	12.56
		157	5785		13.00	12.57
		165	5825		13.00	12.51
	802.11n40-HT0	151	5755	MCS0	13.00	12.49
		159	5795		13.00	12.55
	802.11ac40-VHT0	151	5755	MCS0	13.00	12.48
		159	5795		13.00	12.45
	802.11ax40-HE0	151	5755	MCS0	13.00	12.50
		159	5795		13.00	12.52
	802.11be40-EHT0	151	5755	MCS0	13.00	12.52
		159	5795		13.00	12.52
	802.11ac80-VHT0	155	5775	MCS0	13.00	12.91
	802.11ax80-HE0	155	5775	MCS0	13.00	12.50
	802.11be80-EHT0	155	5775	MCS0	13.00	12.55

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.9GHz	802.11a	169	5845	6Mbps	12.00	11.55
		173	5865		12.00	11.58
		177	5885		12.00	11.42
	802.11n20-HT0	169	5845	MCS0	12.00	11.49
		173	5865		12.00	11.42
		177	5885		12.00	11.45
	802.11ac20-VHT0	169	5845	MCS0	12.00	11.59
		173	5865		12.00	11.43
		177	5885		12.00	11.45
	802.11ax20-HE0	169	5845	MCS0	12.00	11.49
		173	5865		12.00	11.53
		177	5885		12.00	11.59
	802.11be20-EHT0	169	5845	MCS0	12.00	11.56
		173	5865		12.00	11.60
		177	5885		12.00	11.53
	802.11n40-HT0	167	5835	MCS0	12.00	11.51
		175	5875		12.00	11.41
	802.11ac40-VHT0	167	5835	MCS0	12.00	11.49
		175	5875		12.00	11.50
	802.11ax40-HE0	167	5835	MCS0	12.00	11.60
		175	5875		12.00	11.60
	802.11be40-EHT0	167	5835	MCS0	12.00	11.49
		175	5875		12.00	11.43
	802.11ac80-VHT0	171	5855	MCS0	12.00	11.41
	802.11ax80-HE0	171	5855	MCS0	12.00	11.53
	802.11be80-EHT0	171	5855	MCS0	12.00	11.58
	802.11ac160-VHT0	163	5815	MCS0	12.00	11.97
	802.11ax160-HE0	163	5815	MCS0	12.00	11.41
	802.11be160-EHT0	163	5815	MCS0	12.00	11.46

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NB_MIMO

Ant Mimo						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.50	15.75
		40	5200		16.50	15.84
		44	5220		16.50	15.86
		48	5240		16.50	15.83
	802.11n20-HT0	36	5180	MCS0	16.50	15.75
		40	5200		16.50	15.88
		44	5220		16.50	15.88
		48	5240		16.50	15.80
	802.11ac20-VHT0	36	5180	MCS0	16.50	15.83
		40	5200		16.50	15.81
		44	5220		16.50	15.80
		48	5240		16.50	15.81
	802.11ax20-HE0	36	5180	MCS0	16.50	15.86
		40	5200		16.50	15.73
		44	5220		16.50	15.81
		48	5240		16.50	15.74
	802.11be20-EHT0	36	5180	MCS0	16.50	15.79
		40	5200		16.50	15.84
		44	5220		16.50	15.85
		48	5240		16.50	15.83
	802.11n40-HT0	38	5190	MCS0	16.50	15.82
		46	5230		16.50	15.77
	802.11ac40-VHT0	38	5190	MCS0	16.50	15.89
		46	5230		16.50	15.82
	802.11ax40-HE0	38	5190	MCS0	16.50	15.88
		46	5230		16.50	15.81
	802.11be40-EHT0	38	5190	MCS0	16.50	15.79
		46	5230		16.50	15.79
	802.11ac80-VHT0	42	5210	MCS0	16.50	15.76
	802.11ax80-HE0	42	5210	MCS0	16.50	15.85
	802.11be80-EHT0	42	5210	MCS0	16.50	15.75
	802.11ac160-VHT0	50	5250	MCS0	16.50	15.98
	802.11ax160-HE0	50	5250	MCS0	16.50	15.83
	802.11be160-EHT0	50	5250	MCS0	16.50	15.87

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Ant MIMO						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	16.50	15.78
		56	5280		16.50	15.79
		60	5300		16.50	15.81
		64	5320		16.50	15.82
	802.11n20-HT0	52	5260	MCS0	16.50	15.75
		56	5280		16.50	15.83
		60	5300		16.50	15.83
		64	5320		16.50	15.79
	802.11ac20-VHT0	52	5260	MCS0	16.50	15.77
		56	5280		16.50	15.80
		60	5300		16.50	15.71
		64	5320		16.50	15.74
	802.11ax20-HE0	52	5260	MCS0	16.50	15.75
		56	5280		16.50	15.74
		60	5300		16.50	15.78
		64	5320		16.50	15.81
	802.11be20-EHT0	52	5260	MCS0	16.50	15.73
		56	5280		16.50	15.67
		60	5300		16.50	15.81
		64	5320		16.50	15.71
	802.11n40-HT0	54	5270	MCS0	16.50	15.74
		62	5310		16.50	15.78
	802.11ac40-VHT0	54	5270	MCS0	16.50	15.75
		62	5310		16.50	15.70
	802.11ax40-HE0	54	5270	MCS0	16.50	15.78
		62	5310		16.50	15.75
	802.11be40-EHT0	54	5270	MCS0	16.50	15.81
		62	5310		16.50	15.81
	802.11ac80-VHT0	58	5290	MCS0	16.50	16.23
	802.11ax80-HE0	58	5290	MCS0	16.50	15.75
	802.11be80-EHT0	58	5290	MCS0	16.50	15.76

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5.6GHz	802.11a	100	5500	6Mbps	16.50	15.72
		120	5600		16.50	15.70
		140	5700		16.50	15.68
		144	5720		16.50	15.62
	802.11n20-HT0	100	5500	MCS0	16.50	15.72
		120	5600		16.50	15.75
		140	5700		16.50	15.72
		144	5720		16.50	15.70
	802.11ac20-VHT0	100	5500	MCS0	16.50	15.75
		120	5600		16.50	15.72
		140	5700		16.50	15.62
		144	5720		16.50	15.71
	802.11ax20-HE0	100	5500	MCS0	16.50	15.79
		120	5600		16.50	15.73
		140	5700		16.50	15.76
		144	5720		16.50	15.69
	802.11be20-EHT0	100	5500	MCS0	16.50	15.70
		120	5600		16.50	15.71
		140	5700		16.50	15.79
		144	5720		16.50	15.66
	802.11n40-HT0	102	5510	MCS0	16.50	15.66
		118	5590		16.50	15.78
		134	5670		16.50	15.71
		142	5710		16.50	15.73
	802.11ac40-VHT0	102	5510	MCS0	16.50	15.70
		118	5590		16.50	15.71
		134	5670		16.50	15.65
		142	5710		16.50	15.72
	802.11ax40-HE0	102	5510	MCS0	16.50	15.78
		118	5590		16.50	15.79
		134	5670		16.50	15.76
		142	5710		16.50	15.67
	802.11be40-EHT0	102	5510	MCS0	16.50	15.71
		118	5590		16.50	15.71
		134	5670		16.50	15.75
		142	5710		16.50	15.71
	802.11ac80-VHT0	106	5530	MCS0	16.50	15.74
		122	5610		16.50	15.67
		138	5690		16.50	15.73
	802.11ax80-HE0	106	5530	MCS0	16.50	15.78
		122	5610		16.50	15.66
		138	5690		16.50	15.65
	802.11be80-EHT0	106	5530	MCS0	16.50	15.67
		122	5610		16.50	15.72
		138	5690		16.50	15.69
	802.11ac160-VHT0	114	5570	MCS0	16.50	16.08
	802.11ax160-HE0	114	5570	MCS0	16.50	15.69
	802.11be160-EHT0	114	5570	MCS0	16.50	15.78

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5.8GHz	802.11a	149	5745	6Mbps	16.00	15.60
		157	5785		16.00	15.46
		165	5825		16.00	15.42
	802.11n20-HT0	149	5745	MCS0	16.00	15.54
		157	5785		16.00	15.50
		165	5825		16.00	15.57
	802.11ac20-VHT0	149	5745	MCS0	16.00	15.46
		157	5785		16.00	15.58
		165	5825		16.00	15.52
	802.11ax20-HE0	149	5745	MCS0	16.00	15.52
		157	5785		16.00	15.49
		165	5825		16.00	15.51
	802.11be20-EHT0	149	5745	MCS0	16.00	15.51
		157	5785		16.00	15.52
		165	5825		16.00	15.47
	802.11n40-HT0	151	5755	MCS0	16.00	15.55
		159	5795		16.00	15.51
	802.11ac40-VHT0	151	5755	MCS0	16.00	15.51
		159	5795		16.00	15.44
	802.11ax40-HE0	151	5755	MCS0	16.00	15.52
		159	5795		16.00	15.52
	802.11be40-EHT0	151	5755	MCS0	16.00	15.51
		159	5795		16.00	15.51
	802.11ac80-VHT0	155	5775	MCS0	16.00	15.96
	802.11ax80-HE0	155	5775	MCS0	16.00	15.48
	802.11be80-EHT0	155	5775	MCS0	16.00	15.57

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5.9GHz	802.11a	169	5845	6Mbps	15.00	14.54
		173	5865		15.00	14.52
		177	5885		15.00	14.49
	802.11n20-HT0	169	5845	MCS0	15.00	14.46
		173	5865		15.00	14.42
		177	5885		15.00	14.45
	802.11ac20-VHT0	169	5845	MCS0	15.00	14.51
		173	5865		15.00	14.50
		177	5885		15.00	14.47
	802.11ax20-HE0	169	5845	MCS0	15.00	14.52
		173	5865		15.00	14.52
		177	5885		15.00	14.57
	802.11be20-EHT0	169	5845	MCS0	15.00	14.52
		173	5865		15.00	14.60
		177	5885		15.00	14.51
	802.11n40-HT0	167	5835	MCS0	15.00	14.52
		175	5875		15.00	14.50
	802.11ac40-VHT0	167	5835	MCS0	15.00	14.55
		175	5875		15.00	14.51
	802.11ax40-HE0	167	5835	MCS0	15.00	14.59
		175	5875		15.00	14.61
	802.11be40-EHT0	167	5835	MCS0	15.00	14.54
		175	5875		15.00	14.48
	802.11ac80-VHT0	171	5855	MCS0	15.00	14.50
	802.11ax80-HE0	171	5855	MCS0	15.00	14.53
	802.11be80-EHT0	171	5855	MCS0	15.00	14.59
	802.11ac160-VHT0	163	5815	MCS0	15.00	14.94
	802.11ax160-HE0	163	5815	MCS0	15.00	14.49
	802.11be160-EHT0	163	5815	MCS0	15.00	14.51

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	14.00	13.75
		6	2437		14.00	13.87
		11	2462		14.00	13.95
	802.11g	1	2412	6Mbps	14.00	13.73
		6	2437		14.00	13.73
		11	2462		14.00	13.68
	802.11n20-HT0	1	2412	MCS0	14.00	13.56
		6	2437		14.00	13.62
		11	2462		14.00	13.57
	802.11ax20-HE0	1	2412	MCS0	14.00	13.57
		6	2437		14.00	13.74
		11	2462		14.00	13.61
	802.11be20-EHT0	1	2412	MCS0	14.00	13.61
		6	2437		14.00	13.73
		11	2462		14.00	13.56
	802.11n40-HT0	3	2422	MCS0	14.00	13.75
		6	2437		14.00	13.65
		9	2452		14.00	13.55
	802.11ax40-HE0	3	2422	MCS0	14.00	13.57
		6	2437		14.00	13.72
		9	2452		14.00	13.56
	802.11be40-EHT0	3	2422	MCS0	14.00	13.55
		6	2437		14.00	13.75
		9	2452		14.00	13.73

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5.15-5.25 GHz	802.11a	36	5180	6Mbps	10.00	9.54
		40	5200		10.00	9.36
		44	5220		10.00	9.49
		48	5240		10.00	9.41
	802.11n20-HT0	36	5180	MCS0	10.00	9.38
		40	5200		10.00	9.45
		44	5220		10.00	9.47
		48	5240		10.00	9.43
	802.11ac20-VHT0	36	5180	MCS0	10.00	9.36
		40	5200		10.00	9.42
		44	5220		10.00	9.45
		48	5240		10.00	9.54
	802.11ax20-HE0	36	5180	MCS0	10.00	9.41
		40	5200		10.00	9.53
		44	5220		10.00	9.48
		48	5240		10.00	9.37
	802.11be20-EHT0	36	5180	MCS0	10.00	9.38
		40	5200		10.00	9.42
		44	5220		10.00	9.52
		48	5240		10.00	9.50
	802.11n40-HT0	38	5190	MCS0	10.00	9.46
		46	5230		10.00	9.41
	802.11ac40-VHT0	38	5190	MCS0	10.00	9.47
		46	5230		10.00	9.35
	802.11ax40-HE0	38	5190	MCS0	10.00	9.49
		46	5230		10.00	9.53
	802.11be40-EHT0	38	5190	MCS0	10.00	9.53
		46	5230		10.00	9.49
	802.11ac80-VHT0	42	5210	MCS0	10.00	9.45
	802.11ax80-HE0	42	5210	MCS0	10.00	9.38
	802.11be80-EHT0	42	5210	MCS0	10.00	9.48
	802.11ac160-VHT0	50	5250	MCS0	10.00	9.67
	802.11ax160-HE0	50	5250	MCS0	10.00	9.40
	802.11be160-EHT0	50	5250	MCS0	10.00	9.35

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	10.00	9.39
		56	5280		10.00	9.39
		60	5300		10.00	9.50
		64	5320		10.00	9.44
	802.11n20-HT0	52	5260	MCS0	10.00	9.50
		56	5280		10.00	9.41
		60	5300		10.00	9.41
		64	5320		10.00	9.44
	802.11ac20-VHT0	52	5260	MCS0	10.00	9.43
		56	5280		10.00	9.52
		60	5300		10.00	9.53
		64	5320		10.00	9.48
	802.11ax20-HE0	52	5260	MCS0	10.00	9.49
		56	5280		10.00	9.42
		60	5300		10.00	9.47
		64	5320		10.00	9.52
	802.11be20-EHT0	52	5260	MCS0	10.00	9.45
		56	5280		10.00	9.42
		60	5300		10.00	9.47
		64	5320		10.00	9.46
	802.11n40-HT0	54	5270	MCS0	10.00	9.36
		62	5310		10.00	9.43
	802.11ac40-VHT0	54	5270	MCS0	10.00	9.44
		62	5310		10.00	9.49
	802.11ax40-HE0	54	5270	MCS0	10.00	9.37
		62	5310		10.00	9.36
	802.11be40-EHT0	54	5270	MCS0	10.00	9.46
		62	5310		10.00	9.47
	802.11ac80-VHT0	58	5290	MCS0	10.00	9.88
	802.11ax80-HE0	58	5290	MCS0	10.00	9.53
	802.11be80-EHT0	58	5290	MCS0	10.00	9.42

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Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.6GHz	802.11a	100	5500	6Mbps	10.00	9.46
		120	5600		10.00	9.44
		140	5700		10.00	9.38
		144	5720		10.00	9.41
	802.11n20-HT0	100	5500	MCS0	10.00	9.51
		120	5600		10.00	9.39
		140	5700		10.00	9.52
		144	5720		10.00	9.39
	802.11ac20-VHT0	100	5500	MCS0	10.00	9.42
		120	5600		10.00	9.47
		140	5700		10.00	9.55
		144	5720		10.00	9.38
	802.11ax20-HE0	100	5500	MCS0	10.00	9.44
		120	5600		10.00	9.51
		140	5700		10.00	9.46
		144	5720		10.00	9.48
	802.11be20-EHT0	100	5500	MCS0	10.00	9.44
		120	5600		10.00	9.43
		140	5700		10.00	9.44
		144	5720		10.00	9.45
	802.11n40-HT0	102	5510	MCS0	10.00	9.42
		118	5590		10.00	9.44
		134	5670		10.00	9.50
		142	5710		10.00	9.47
	802.11ac40-VHT0	102	5510	MCS0	10.00	9.52
		118	5590		10.00	9.43
		134	5670		10.00	9.40
		142	5710		10.00	9.37
	802.11ax40-HE0	102	5510	MCS0	10.00	9.38
		118	5590		10.00	9.42
		134	5670		10.00	9.35
		142	5710		10.00	9.35
	802.11be40-EHT0	102	5510	MCS0	10.00	9.44
		118	5590		10.00	9.41
		134	5670		10.00	9.54
		142	5710		10.00	9.36
	802.11ac80-VHT0	106	5530	MCS0	10.00	9.55
		122	5610		10.00	9.49
		138	5690		10.00	9.38
	802.11ax80-HE0	106	5530	MCS0	10.00	9.39
		122	5610		10.00	9.52
		138	5690		10.00	9.45
	802.11be80-EHT0	106	5530	MCS0	10.00	9.52
		122	5610		10.00	9.43
		138	5690		10.00	9.48
	802.11ac160-VHT0	114	5570	MCS0	10.00	9.94
	802.11ax160-HE0	114	5570	MCS0	10.00	9.55
	802.11be160-EHT0	114	5570	MCS0	10.00	9.37

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f (886-2) 2298-0488

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	10.00	9.46
		157	5785		10.00	9.51
		165	5825		10.00	9.51
	802.11n20-HT0	149	5745	MCS0	10.00	9.45
		157	5785		10.00	9.52
		165	5825		10.00	9.52
	802.11ac20-VHT0	149	5745	MCS0	10.00	9.52
		157	5785		10.00	9.38
		165	5825		10.00	9.42
	802.11ax20-HE0	149	5745	MCS0	10.00	9.38
		157	5785		10.00	9.36
		165	5825		10.00	9.39
	802.11be20-EHT0	149	5745	MCS0	10.00	9.40
		157	5785		10.00	9.51
		165	5825		10.00	9.53
	802.11n40-HT0	151	5755	MCS0	10.00	9.36
		159	5795		10.00	9.39
	802.11ac40-VHT0	151	5755	MCS0	10.00	9.39
		159	5795		10.00	9.54
	802.11ax40-HE0	151	5755	MCS0	10.00	9.47
		159	5795		10.00	9.51
	802.11be40-EHT0	151	5755	MCS0	10.00	9.42
		159	5795		10.00	9.41
	802.11ac80-VHT0	155	5775	MCS0	10.00	9.99
	802.11ax80-HE0	155	5775	MCS0	10.00	9.53
	802.11be80-EHT0	155	5775	MCS0	10.00	9.38

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5.9GHz	802.11a	169	5845	6Mbps	10.00	9.44
		173	5865		10.00	9.41
		177	5885		10.00	9.40
	802.11n20-HT0	169	5845	MCS0	10.00	9.45
		173	5865		10.00	9.40
		177	5885		10.00	9.36
	802.11ac20-VHT0	169	5845	MCS0	10.00	9.38
		173	5865		10.00	9.44
		177	5885		10.00	9.53
	802.11ax20-HE0	169	5845	MCS0	10.00	9.37
		173	5865		10.00	9.54
		177	5885		10.00	9.38
	802.11be20-EHT0	169	5845	MCS0	10.00	9.47
		173	5865		10.00	9.37
		177	5885		10.00	9.41
	802.11n40-HT0	167	5835	MCS0	10.00	9.49
		175	5875		10.00	9.39
	802.11ac40-VHT0	167	5835	MCS0	10.00	9.53
		175	5875		10.00	9.52
	802.11ax40-HE0	167	5835	MCS0	10.00	9.47
		175	5875		10.00	9.45
	802.11be40-EHT0	167	5835	MCS0	10.00	9.35
		175	5875		10.00	9.45
	802.11ac80-VHT0	171	5855	MCS0	10.00	9.47
	802.11ax80-HE0	171	5855	MCS0	10.00	9.49
	802.11be80-EHT0	171	5855	MCS0	10.00	9.46
	802.11ac160-VHT0	163	5815	MCS0	10.00	9.91
	802.11ax160-HE0	163	5815	MCS0	10.00	9.43
	802.11be160-EHT0	163	5815	MCS0	10.00	9.45

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2.45GHz	802.11b	1	2412	1Mbps	14.00	13.99
		6	2437		14.00	13.92
		11	2462		14.00	13.77
	802.11g	1	2412	6Mbps	14.00	13.59
		6	2437		14.00	13.50
		11	2462		14.00	13.43
	802.11n20-HT0	1	2412	MCS0	14.00	13.41
		6	2437		14.00	13.53
		11	2462		14.00	13.52
	802.11ax20-HE0	1	2412	MCS0	14.00	13.44
		6	2437		14.00	13.40
		11	2462		14.00	13.53
	802.11be20-EHT0	1	2412	MCS0	14.00	13.52
		6	2437		14.00	13.42
		11	2462		14.00	13.59
	802.11n40-HT0	3	2422	MCS0	14.00	13.45
		6	2437		14.00	13.46
		9	2452		14.00	13.50
	802.11ax40-HE0	3	2422	MCS0	14.00	13.46
		6	2437		14.00	13.51
		9	2452		14.00	13.46
	802.11be40-EHT0	3	2422	MCS0	14.00	13.42
		6	2437		14.00	13.51
		9	2452		14.00	13.57

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5.15-5.25 GHz	802.11a	36	5180	6Mbps	10.00	9.57
		40	5200		10.00	9.50
		44	5220		10.00	9.45
		48	5240		10.00	9.44
	802.11n20-HT0	36	5180	MCS0	10.00	9.46
		40	5200		10.00	9.56
		44	5220		10.00	9.57
		48	5240		10.00	9.60
	802.11ac20-VHT0	36	5180	MCS0	10.00	9.44
		40	5200		10.00	9.42
		44	5220		10.00	9.54
		48	5240		10.00	9.49
	802.11ax20-HE0	36	5180	MCS0	10.00	9.60
		40	5200		10.00	9.44
		44	5220		10.00	9.52
		48	5240		10.00	9.48
	802.11be20-EHT0	36	5180	MCS0	10.00	9.52
		40	5200		10.00	9.49
		44	5220		10.00	9.59
		48	5240		10.00	9.51
	802.11n40-HT0	38	5190	MCS0	10.00	9.58
		46	5230		10.00	9.49
	802.11ac40-VHT0	38	5190	MCS0	10.00	9.53
		46	5230		10.00	9.41
	802.11ax40-HE0	38	5190	MCS0	10.00	9.46
		46	5230		10.00	9.41
	802.11be40-EHT0	38	5190	MCS0	10.00	9.58
		46	5230		10.00	9.44
	802.11ac80-VHT0	42	5210	MCS0	10.00	9.56
	802.11ax80-HE0	42	5210	MCS0	10.00	9.60
	802.11be80-EHT0	42	5210	MCS0	10.00	9.42
	802.11ac160-VHT0	50	5250	MCS0	10.00	9.81
	802.11ax160-HE0	50	5250	MCS0	10.00	9.44
	802.11be160-EHT0	50	5250	MCS0	10.00	9.58

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	10.00	9.47
		56	5280		10.00	9.42
		60	5300		10.00	9.52
		64	5320		10.00	9.57
	802.11n20-HT0	52	5260	MCS0	10.00	9.56
		56	5280		10.00	9.50
		60	5300		10.00	9.43
		64	5320		10.00	9.60
	802.11ac20-VHT0	52	5260	MCS0	10.00	9.50
		56	5280		10.00	9.45
		60	5300		10.00	9.45
		64	5320		10.00	9.50
	802.11ax20-HE0	52	5260	MCS0	10.00	9.48
		56	5280		10.00	9.49
		60	5300		10.00	9.54
		64	5320		10.00	9.58
	802.11be20-EHT0	52	5260	MCS0	10.00	9.45
		56	5280		10.00	9.48
		60	5300		10.00	9.51
		64	5320		10.00	9.46
	802.11n40-HT0	54	5270	MCS0	10.00	9.45
		62	5310		10.00	9.44
	802.11ac40-VHT0	54	5270	MCS0	10.00	9.49
		62	5310		10.00	9.44
	802.11ax40-HE0	54	5270	MCS0	10.00	9.43
		62	5310		10.00	9.49
	802.11be40-EHT0	54	5270	MCS0	10.00	9.56
		62	5310		10.00	9.41
	802.11ac80-VHT0	58	5290	MCS0	10.00	9.76
	802.11ax80-HE0	58	5290	MCS0	10.00	9.40
	802.11be80-EHT0	58	5290	MCS0	10.00	9.45

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5.6GHz	802.11a	100	5500	6Mbps	10.00	9.50
		120	5600		10.00	9.51
		140	5700		10.00	9.48
		144	5720		10.00	9.49
	802.11n20-HT0	100	5500	MCS0	10.00	9.57
		120	5600		10.00	9.56
		140	5700		10.00	9.45
		144	5720		10.00	9.49
	802.11ac20-VHT0	100	5500	MCS0	10.00	9.47
		120	5600		10.00	9.55
		140	5700		10.00	9.42
		144	5720		10.00	9.52
	802.11ax20-HE0	100	5500	MCS0	10.00	9.48
		120	5600		10.00	9.58
		140	5700		10.00	9.51
		144	5720		10.00	9.45
	802.11be20-EHT0	100	5500	MCS0	10.00	9.57
		120	5600		10.00	9.54
		140	5700		10.00	9.54
		144	5720		10.00	9.41
	802.11n40-HT0	102	5510	MCS0	10.00	9.43
		118	5590		10.00	9.44
		134	5670		10.00	9.59
		142	5710		10.00	9.43
	802.11ac40-VHT0	102	5510	MCS0	10.00	9.42
		118	5590		10.00	9.41
		134	5670		10.00	9.54
		142	5710		10.00	9.55
	802.11ax40-HE0	102	5510	MCS0	10.00	9.57
		118	5590		10.00	9.54
		134	5670		10.00	9.41
		142	5710		10.00	9.51
	802.11be40-EHT0	102	5510	MCS0	10.00	9.56
		118	5590		10.00	9.44
		134	5670		10.00	9.50
		142	5710		10.00	9.48
	802.11ac80-VHT0	106	5530	MCS0	10.00	9.45
		122	5610		10.00	9.54
		138	5690		10.00	9.52
	802.11ax80-HE0	106	5530	MCS0	10.00	9.42
		122	5610		10.00	9.50
		138	5690		10.00	9.41
	802.11be80-EHT0	106	5530	MCS0	10.00	9.45
		122	5610		10.00	9.51
		138	5690		10.00	9.48
	802.11ac160-VHT0	114	5570	MCS0	10.00	9.83
	802.11ax160-HE0	114	5570	MCS0	10.00	9.52
	802.11be160-EHT0	114	5570	MCS0	10.00	9.56

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	10.00	9.55
		157	5785		10.00	9.53
		165	5825		10.00	9.58
	802.11n20-HT0	149	5745	MCS0	10.00	9.55
		157	5785		10.00	9.58
		165	5825		10.00	9.51
	802.11ac20-VHT0	149	5745	MCS0	10.00	9.49
		157	5785		10.00	9.45
		165	5825		10.00	9.54
	802.11ax20-HE0	149	5745	MCS0	10.00	9.44
		157	5785		10.00	9.53
		165	5825		10.00	9.43
	802.11be20-EHT0	149	5745	MCS0	10.00	9.44
		157	5785		10.00	9.57
		165	5825		10.00	9.57
	802.11n40-HT0	151	5755	MCS0	10.00	9.46
		159	5795		10.00	9.51
	802.11ac40-VHT0	151	5755	MCS0	10.00	9.59
		159	5795		10.00	9.54
	802.11ax40-HE0	151	5755	MCS0	10.00	9.43
		159	5795		10.00	9.47
	802.11be40-EHT0	151	5755	MCS0	10.00	9.40
		159	5795		10.00	9.48
	802.11ac80-VHT0	155	5775	MCS0	10.00	9.94
	802.11ax80-HE0	155	5775	MCS0	10.00	9.43
	802.11be80-EHT0	155	5775	MCS0	10.00	9.46

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f (886-2) 2298-0488

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5.9GHz	802.11a	169	5845	6Mbps	10.00	9.44
		173	5865		10.00	9.42
		177	5885		10.00	9.50
	802.11n20-HT0	169	5845	MCS0	10.00	9.47
		173	5865		10.00	9.53
		177	5885		10.00	9.55
	802.11ac20-VHT0	169	5845	MCS0	10.00	9.44
		173	5865		10.00	9.47
		177	5885		10.00	9.53
	802.11ax20-HE0	169	5845	MCS0	10.00	9.58
		173	5865		10.00	9.41
		177	5885		10.00	9.55
	802.11be20-EHT0	169	5845	MCS0	10.00	9.57
		173	5865		10.00	9.52
		177	5885		10.00	9.41
	802.11n40-HT0	167	5835	MCS0	10.00	9.59
		175	5875		10.00	9.57
	802.11ac40-VHT0	167	5835	MCS0	10.00	9.55
		175	5875		10.00	9.57
	802.11ax40-HE0	167	5835	MCS0	10.00	9.42
		175	5875		10.00	9.56
	802.11be40-EHT0	167	5835	MCS0	10.00	9.50
		175	5875		10.00	9.40
	802.11ac80-VHT0	171	5855	MCS0	10.00	9.58
	802.11ax80-HE0	171	5855	MCS0	10.00	9.59
	802.11be80-EHT0	171	5855	MCS0	10.00	9.57
	802.11ac160-VHT0	163	5815	MCS0	10.00	9.74
	802.11ax160-HE0	163	5815	MCS0	10.00	9.47
	802.11be160-EHT0	163	5815	MCS0	10.00	9.44

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Ant Mimo						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	17.00	16.88
		6	2437		17.00	16.91
		11	2462		17.00	16.87
	802.11g	1	2412	6Mbps	17.00	16.67
		6	2437		17.00	16.63
		11	2462		17.00	16.57
	802.11n20-HT0	1	2412	MCS0	17.00	16.50
		6	2437		17.00	16.59
		11	2462		17.00	16.56
	802.11ax20-HE0	1	2412	MCS0	17.00	16.52
		6	2437		17.00	16.58
		11	2462		17.00	16.58
	802.11be20-EHT0	1	2412	MCS0	17.00	16.58
		6	2437		17.00	16.59
		11	2462		17.00	16.59
	802.11n40-HT0	3	2422	MCS0	17.00	16.61
		6	2437		17.00	16.57
		9	2452		17.00	16.54
	802.11ax40-HE0	3	2422	MCS0	17.00	16.53
		6	2437		17.00	16.63
		9	2452		17.00	16.52
	802.11be40-EHT0	3	2422	MCS0	17.00	16.50
		6	2437		17.00	16.64
		9	2452		17.00	16.66

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f (886-2) 2298-0488

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	13.00	12.57
		40	5200		13.00	12.44
		44	5220		13.00	12.48
		48	5240		13.00	12.44
	802.11n20-HT0	36	5180	MCS0	13.00	12.43
		40	5200		13.00	12.52
		44	5220		13.00	12.53
		48	5240		13.00	12.53
	802.11ac20-VHT0	36	5180	MCS0	13.00	12.41
		40	5200		13.00	12.43
		44	5220		13.00	12.51
		48	5240		13.00	12.53
	802.11ax20-HE0	36	5180	MCS0	13.00	12.52
		40	5200		13.00	12.50
		44	5220		13.00	12.51
		48	5240		13.00	12.44
	802.11be20-EHT0	36	5180	MCS0	13.00	12.46
		40	5200		13.00	12.47
		44	5220		13.00	12.57
		48	5240		13.00	12.52
	802.11n40-HT0	38	5190	MCS0	13.00	12.53
		46	5230		13.00	12.46
	802.11ac40-VHT0	38	5190	MCS0	13.00	12.51
		46	5230		13.00	12.39
	802.11ax40-HE0	38	5190	MCS0	13.00	12.49
		46	5230		13.00	12.48
	802.11be40-EHT0	38	5190	MCS0	13.00	12.57
		46	5230		13.00	12.48
	802.11ac80-VHT0	42	5210	MCS0	13.00	12.52
	802.11ax80-HE0	42	5210	MCS0	13.00	12.50
	802.11be80-EHT0	42	5210	MCS0	13.00	12.46
	802.11ac160-VHT0	50	5250	MCS0	13.00	12.75
	802.11ax160-HE0	50	5250	MCS0	13.00	12.43
	802.11be160-EHT0	50	5250	MCS0	13.00	12.48

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	13.00	12.44
		56	5280		13.00	12.42
		60	5300		13.00	12.52
		64	5320		13.00	12.52
	802.11n20-HT0	52	5260	MCS0	13.00	12.54
		56	5280		13.00	12.47
		60	5300		13.00	12.43
		64	5320		13.00	12.53
	802.11ac20-VHT0	52	5260	MCS0	13.00	12.48
		56	5280		13.00	12.50
		60	5300		13.00	12.50
		64	5320		13.00	12.50
	802.11ax20-HE0	52	5260	MCS0	13.00	12.50
		56	5280		13.00	12.47
		60	5300		13.00	12.52
		64	5320		13.00	12.56
	802.11be20-EHT0	52	5260	MCS0	13.00	12.46
		56	5280		13.00	12.46
		60	5300		13.00	12.50
		64	5320		13.00	12.47
	802.11n40-HT0	54	5270	MCS0	13.00	12.42
		62	5310		13.00	12.45
	802.11ac40-VHT0	54	5270	MCS0	13.00	12.48
		62	5310		13.00	12.48
	802.11ax40-HE0	54	5270	MCS0	13.00	12.41
		62	5310		13.00	12.44
	802.11be40-EHT0	54	5270	MCS0	13.00	12.52
		62	5310		13.00	12.45
	802.11ac80-VHT0	58	5290	MCS0	13.00	12.83
	802.11ax80-HE0	58	5290	MCS0	13.00	12.48
	802.11be80-EHT0	58	5290	MCS0	13.00	12.45

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5.6GHz	802.11a	100	5500	6Mbps	13.00	12.49
		120	5600		13.00	12.49
		140	5700		13.00	12.44
		144	5720		13.00	12.46
	802.11n20-HT0	100	5500	MCS0	13.00	12.55
		120	5600		13.00	12.49
		140	5700		13.00	12.50
		144	5720		13.00	12.45
	802.11ac20-VHT0	100	5500	MCS0	13.00	12.46
		120	5600		13.00	12.52
		140	5700		13.00	12.50
		144	5720		13.00	12.46
	802.11ax20-HE0	100	5500	MCS0	13.00	12.47
		120	5600		13.00	12.56
		140	5700		13.00	12.50
		144	5720		13.00	12.48
	802.11be20-EHT0	100	5500	MCS0	13.00	12.52
		120	5600		13.00	12.50
		140	5700		13.00	12.50
		144	5720		13.00	12.44
	802.11n40-HT0	102	5510	MCS0	13.00	12.44
		118	5590		13.00	12.45
		134	5670		13.00	12.56
		142	5710		13.00	12.46
	802.11ac40-VHT0	102	5510	MCS0	13.00	12.48
		118	5590		13.00	12.43
		134	5670		13.00	12.48
		142	5710		13.00	12.47
	802.11ax40-HE0	102	5510	MCS0	13.00	12.49
		118	5590		13.00	12.49
		134	5670		13.00	12.39
		142	5710		13.00	12.44
	802.11be40-EHT0	102	5510	MCS0	13.00	12.51
		118	5590		13.00	12.44
		134	5670		13.00	12.53
		142	5710		13.00	12.43
	802.11ac80-VHT0	106	5530	MCS0	13.00	12.51
		122	5610		13.00	12.53
		138	5690		13.00	12.46
	802.11ax80-HE0	106	5530	MCS0	13.00	12.42
		122	5610		13.00	12.52
		138	5690		13.00	12.44
	802.11be80-EHT0	106	5530	MCS0	13.00	12.50
		122	5610		13.00	12.48
		138	5690		13.00	12.49
	802.11ac160-VHT0	114	5570	MCS0	13.00	12.90
	802.11ax160-HE0	114	5570	MCS0	13.00	12.55
	802.11be160-EHT0	114	5570	MCS0	13.00	12.48

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Ant MIMO						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	13.00	12.52
		157	5785		13.00	12.53
		165	5825		13.00	12.56
	802.11n20-HT0	149	5745	MCS0	13.00	12.51
		157	5785		13.00	12.56
		165	5825		13.00	12.53
	802.11ac20-VHT0	149	5745	MCS0	13.00	12.52
		157	5785		13.00	12.43
		165	5825		13.00	12.49
	802.11ax20-HE0	149	5745	MCS0	13.00	12.42
		157	5785		13.00	12.46
		165	5825		13.00	12.42
	802.11be20-EHT0	149	5745	MCS0	13.00	12.43
		157	5785		13.00	12.55
		165	5825		13.00	12.56
	802.11n40-HT0	151	5755	MCS0	13.00	12.42
		159	5795		13.00	12.46
	802.11ac40-VHT0	151	5755	MCS0	13.00	12.50
		159	5795		13.00	12.55
	802.11ax40-HE0	151	5755	MCS0	13.00	12.46
		159	5795		13.00	12.50
	802.11be40-EHT0	151	5755	MCS0	13.00	12.42
		159	5795		13.00	12.46
	802.11ac80-VHT0	155	5775	MCS0	13.00	12.98
	802.11ax80-HE0	155	5775	MCS0	13.00	12.49
	802.11be80-EHT0	155	5775	MCS0	13.00	12.43

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Ant MIMO						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.9GHz	802.11a	169	5845	6Mbps	13.00	12.45
		173	5865		13.00	12.43
		177	5885		13.00	12.46
	802.11n20-HT0	169	5845	MCS0	13.00	12.47
		173	5865		13.00	12.48
		177	5885		13.00	12.47
	802.11ac20-VHT0	169	5845	MCS0	13.00	12.42
		173	5865		13.00	12.47
		177	5885		13.00	12.54
	802.11ax20-HE0	169	5845	MCS0	13.00	12.49
		173	5865		13.00	12.49
		177	5885		13.00	12.48
	802.11be20-EHT0	169	5845	MCS0	13.00	12.53
		173	5865		13.00	12.46
		177	5885		13.00	12.42
	802.11n40-HT0	167	5835	MCS0	13.00	12.55
		175	5875		13.00	12.49
	802.11ac40-VHT0	167	5835	MCS0	13.00	12.55
		175	5875		13.00	12.56
	802.11ax40-HE0	167	5835	MCS0	13.00	12.46
		175	5875		13.00	12.52
	802.11be40-EHT0	167	5835	MCS0	13.00	12.44
		175	5875		13.00	12.44
	802.11ac80-VHT0	171	5855	MCS0	13.00	12.54
	802.11ax80-HE0	171	5855	MCS0	13.00	12.55
	802.11be80-EHT0	171	5855	MCS0	13.00	12.53
	802.11ac160-VHT0	163	5815	MCS0	13.00	12.84
	802.11ax160-HE0	163	5815	MCS0	13.00	12.46
	802.11be160-EHT0	163	5815	MCS0	13.00	12.46

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Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	11.00	10.34
		45	6175		11.00	10.19
		93	6415		11.00	10.18
	802.11ax20-HE0	1	5955	MCS0	11.00	10.27
		45	6175		11.00	10.23
		93	6415		11.00	10.28
	802.11be20-EHT0	1	5955	MCS0	11.00	10.25
		45	6175		11.00	10.28
		93	6415		11.00	10.25
	802.11ax40-HE0	3	5965	MCS0	11.00	10.29
		43	6165		11.00	10.17
		91	6405		11.00	10.24
	802.11be40-EHT0	3	5965	MCS0	11.00	10.17
		43	6165		11.00	10.25
		91	6405		11.00	10.29
	802.11ax80-HE0	7	5985	MCS0	11.00	10.25
		39	6145		11.00	10.20
		87	6385		11.00	10.32
	802.11be80-EHT0	7	5985	MCS0	11.00	10.29
		39	6145		11.00	10.19
		87	6385		11.00	10.25
	802.11ax160-HE0	15	6025	MCS0	11.00	10.35
		47	6185		11.00	10.19
		79	6345		11.00	10.22
	802.11be160-EHT0	15	6025	MCS0	11.00	10.23
		47	6185		11.00	10.28
		79	6345		11.00	10.21
	802.11be320-EHT0	31	6105	MCS0	11.00	10.73
		63	6265		11.00	10.99

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Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	7.50	6.67
		105	6475		7.50	6.73
		113	6515		7.50	6.75
	802.11ax20-HE0	97	6435	MCS0	8.00	7.22
		105	6475		8.00	7.28
		113	6515		8.00	7.23
	802.11be20-EHT0	97	6435	MCS0	8.00	7.25
		105	6475		8.00	7.16
		113	6515		8.00	7.18
	802.11ax40-HE0	99	6445	MCS0	10.75	9.89
		107	6485		10.75	9.82
	802.11be40-EHT0	99	6445	MCS0	10.75	9.71
		107	6485		10.75	9.89
	802.11ax80-HE0	103	6465	MCS0	11.00	10.22
		119	6545		11.00	10.26
	802.11be80-EHT0	103	6465	MCS0	11.00	10.28
		119	6545		11.00	10.27
	802.11ax160-HE0	111	6505	MCS0	11.00	10.29
	802.11be160-EHT0	111	6505	MCS0	11.00	10.27
	802.11be320-EHT0	95	6425	MCS0	11.00	10.62

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U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	11.00	10.33
		149	6695		11.00	10.28
		181	6855		11.00	10.33
	802.11ax20-HE0	117	6535	MCS0	11.00	10.27
		149	6695		11.00	10.27
		181	6855		11.00	10.20
	802.11be20-EHT0	117	6535	MCS0	11.00	10.30
		149	6695		11.00	10.18
		181	6855		11.00	10.19
	802.11ax40-HE0	115	6525	MCS0	11.00	10.35
		147	6685		11.00	10.23
		179	6845		11.00	10.26
	802.11be40-EHT0	115	6525	MCS0	11.00	10.17
		147	6685		11.00	10.32
		179	6845		11.00	10.20
	802.11ax80-HE0	135	6625	MCS0	11.00	10.30
		151	6705		11.00	10.21
		167	6785		11.00	10.23
	802.11be80-EHT0	135	6625	MCS0	11.00	10.24
		151	6705		11.00	10.34
		167	6785		11.00	10.34
	802.11ax160-HE0	143	6665	MCS0	11.00	10.16
		175	6825		11.00	10.24
	802.11be160-EHT0	143	6665	MCS0	11.00	10.30
		175	6825		11.00	10.26
	802.11be320-EHT0	127	6585	MCS0	11.00	10.65
		159	6745		11.00	10.98

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Ant Main						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	7.50	6.82
		209	6995		7.50	6.73
		233	7115		7.50	6.81
	802.11ax20-HE0	185	6875	MCS0	8.00	7.16
		209	6995		8.00	7.21
		233	7115		8.00	7.20
	802.11be20-EHT0	185	6875	MCS0	8.00	7.29
		209	6995		8.00	7.31
		233	7115		8.00	7.31
	802.11ax40-HE0	187	6885	MCS0	10.75	9.57
		227	7085		10.75	9.46
	802.11be40-EHT0	187	6885	MCS0	10.75	9.58
		227	7085		10.75	9.45
	802.11ax80-HE0	183	6865	MCS0	11.00	10.18
		199	6945		11.00	10.16
		215	7025		11.00	10.29
	802.11be80-EHT0	183	6865	MCS0	11.00	10.15
		199	6945		11.00	10.24
		215	7025		11.00	10.22
	802.11ax160-HE0	207	6985	MCS0	11.00	10.32
	802.11be160-EHT0	207	6985	MCS0	11.00	10.23
	802.11be320-EHT0	191	6905	MCS0	11.00	10.99

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	11.00	10.53
		45	6175		11.00	10.41
		93	6415		11.00	10.50
	802.11ax20-HE0	1	5955	MCS0	11.00	10.49
		45	6175		11.00	10.37
		93	6415		11.00	10.36
	802.11be20-EHT0	1	5955	MCS0	11.00	10.45
		45	6175		11.00	10.41
		93	6415		11.00	10.47
	802.11ax40-HE0	3	5965	MCS0	11.00	10.43
		43	6165		11.00	10.47
		91	6405		11.00	10.35
	802.11be40-EHT0	3	5965	MCS0	11.00	10.52
		43	6165		11.00	10.38
		91	6405		11.00	10.51
	802.11ax80-HE0	7	5985	MCS0	11.00	10.52
		39	6145		11.00	10.52
		87	6385		11.00	10.53
	802.11be80-EHT0	7	5985	MCS0	11.00	10.53
		39	6145		11.00	10.39
		87	6385		11.00	10.36
	802.11ax160-HE0	15	6025	MCS0	11.00	10.36
		47	6185		11.00	10.49
		79	6345		11.00	10.50
	802.11be160-EHT0	15	6025	MCS0	11.00	10.39
		47	6185		11.00	10.49
		79	6345		11.00	10.47
	802.11be320-EHT0	31	6105	MCS0	11.00	10.86
		63	6265		11.00	10.62

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	7.50	6.93
		105	6475		7.50	6.91
		113	6515		7.50	7.04
	802.11ax20-HE0	97	6435	MCS0	8.00	7.44
		105	6475		8.00	7.47
		113	6515		8.00	7.53
	802.11be20-EHT0	97	6435	MCS0	8.00	7.53
		105	6475		8.00	7.36
		113	6515		8.00	7.42
	802.11ax40-HE0	99	6445	MCS0	10.75	9.66
		107	6485		10.75	9.66
	802.11be40-EHT0	99	6445	MCS0	10.75	9.62
		107	6485		10.75	9.65
	802.11ax80-HE0	103	6465	MCS0	11.00	10.47
		119	6545		11.00	10.40
	802.11be80-EHT0	103	6465	MCS0	11.00	10.52
		119	6545		11.00	10.48
	802.11ax160-HE0	111	6505	MCS0	11.00	10.49
	802.11be160-EHT0	111	6505	MCS0	11.00	10.52
	802.11be320-EHT0	95	6425	MCS0	11.00	10.65

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	11.00	10.45
		149	6695		11.00	10.46
		181	6855		11.00	10.51
	802.11ax20-HE0	117	6535	MCS0	11.00	10.39
		149	6695		11.00	10.37
		181	6855		11.00	10.40
	802.11be20-EHT0	117	6535	MCS0	11.00	10.38
		149	6695		11.00	10.46
		181	6855		11.00	10.48
	802.11ax40-HE0	115	6525	MCS0	11.00	10.37
		147	6685		11.00	10.37
		179	6845		11.00	10.47
	802.11be40-EHT0	115	6525	MCS0	11.00	10.41
		147	6685		11.00	10.49
		179	6845		11.00	10.47
	802.11ax80-HE0	135	6625	MCS0	11.00	10.44
		151	6705		11.00	10.37
		167	6785		11.00	10.40
	802.11be80-EHT0	135	6625	MCS0	11.00	10.36
		151	6705		11.00	10.51
		167	6785		11.00	10.47
	802.11ax160-HE0	143	6665	MCS0	11.00	10.42
		175	6825		11.00	10.43
	802.11be160-EHT0	143	6665	MCS0	11.00	10.37
		175	6825		11.00	10.41
	802.11be320-EHT0	127	6585	MCS0	11.00	10.85
		159	6745		11.00	10.89

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Ant Aux						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	7.50	6.92
		209	6995		7.50	7.04
		233	7115		7.50	7.01
	802.11ax20-HE0	185	6875	MCS0	8.00	7.38
		209	6995		8.00	7.50
		233	7115		8.00	7.47
	802.11be20-EHT0	185	6875	MCS0	8.00	7.41
		209	6995		8.00	7.40
		233	7115		8.00	7.52
	802.11ax40-HE0	187	6885	MCS0	10.75	9.81
		227	7085		10.75	9.99
	802.11be40-EHT0	187	6885	MCS0	10.75	9.84
		227	7085		10.75	9.93
	802.11ax80-HE0	183	6865	MCS0	11.00	10.48
		199	6945		11.00	10.54
		215	7025		11.00	10.49
	802.11be80-EHT0	183	6865	MCS0	11.00	10.37
		199	6945		11.00	10.47
		215	7025		11.00	10.52
	802.11ax160-HE0	207	6985	MCS0	11.00	10.50
	802.11be160-EHT0	207	6985	MCS0	11.00	10.42
	802.11be320-EHT0	191	6905	MCS0	11.00	10.71

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Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	1.00	0.82
		45	6175		1.00	0.79
		93	6415		1.00	0.30
	802.11ax20-HE0	1	5955	MCS0	10.00	9.57
		45	6175		10.00	9.59
		93	6415		10.00	9.60
	802.11be20-EHT0	1	5955	MCS0	2.00	1.31
		45	6175		2.00	1.40
		93	6415		2.00	0.74
	802.11ax40-HE0	3	5965	MCS0	10.00	9.47
		43	6165		10.00	9.56
		91	6405		10.00	9.56
	802.11be40-EHT0	3	5965	MCS0	4.00	3.97
		43	6165		4.00	3.92
		91	6405		4.00	3.77
	802.11ax80-HE0	7	5985	MCS0	10.00	9.48
		39	6145		10.00	9.58
		87	6385		10.00	9.50
	802.11be80-EHT0	7	5985	MCS0	8.00	7.41
		39	6145		8.00	7.48
		87	6385		8.00	6.95
	802.11ax160-HE0	15	6025	MCS0	10.00	9.57
		47	6185		10.00	9.58
		79	6345		10.00	9.41
	802.11be160-EHT0	15	6025	MCS0	10.00	9.59
		47	6185		10.00	9.52
		79	6345		10.00	9.41
	802.11be320-EHT0	31	6105	MCS0	10.00	9.75
		63	6265		10.00	9.61

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	1.00	0.34
		105	6475		1.00	0.19
		113	6515		1.00	0.22
	802.11ax20-HE0	97	6435	MCS0	8.00	7.41
		105	6475		8.00	7.43
		113	6515		8.00	7.55
	802.11be20-EHT0	97	6435	MCS0	1.00	0.87
		105	6475		1.00	0.39
		113	6515		1.00	0.51
	802.11ax40-HE0	99	6445	MCS0	10.00	9.52
		107	6485		10.00	9.54
	802.11be40-EHT0	99	6445	MCS0	4.00	3.59
		107	6485		4.00	3.27
	802.11ax80-HE0	103	6465	MCS0	10.00	9.52
		119	6545		10.00	9.57
	802.11be80-EHT0	103	6465	MCS0	7.00	6.91
		119	6545		7.00	6.87
	802.11ax160-HE0	111	6505	MCS0	10.00	9.50
	802.11be160-EHT0	111	6505	MCS0	10.00	9.22
	802.11be320-EHT0	95	6425	MCS0	10.00	9.65

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	1.50	0.29
		149	6695		0.00	-0.13
		181	6855		1.50	1.18
	802.11ax20-HE0	117	6535	MCS0	10.00	9.44
		149	6695		10.00	9.47
		181	6855		10.00	9.56
	802.11be20-EHT0	117	6535	MCS0	2.00	0.49
		149	6695		1.50	0.73
		181	6855		2.00	1.30
	802.11ax40-HE0	115	6525	MCS0	10.00	9.43
		147	6685		10.00	9.57
		179	6845		10.00	9.41
	802.11be40-EHT0	115	6525	MCS0	4.00	3.30
		147	6685		4.00	3.23
		179	6845		4.00	3.89
	802.11ax80-HE0	135	6625	MCS0	10.00	9.46
		151	6705		10.00	9.59
		167	6785		10.00	9.51
	802.11be80-EHT0	135	6625	MCS0	7.00	6.32
		151	6705		7.00	6.85
		167	6785		7.00	6.41
	802.11ax160-HE0	143	6665	MCS0	10.00	9.44
		175	6825		10.00	9.43
	802.11be160-EHT0	143	6665	MCS0	10.00	9.42
		175	6825		10.00	9.53
	802.11be320-EHT0	127	6585	MCS0	10.00	9.97
		159	6745		10.00	9.99

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Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	2.00	1.23
		209	6995		2.00	1.20
		233	7115		2.00	1.29
	802.11ax20-HE0	185	6875	MCS0	8.00	7.43
		209	6995		8.00	7.56
		233	7115		8.00	7.51
	802.11be20-EHT0	185	6875	MCS0	2.00	1.73
		209	6995		2.00	0.96
		233	7115		-6.00	-6.23
	802.11ax40-HE0	187	6885	MCS0	10.00	9.51
		227	7085		10.00	9.52
	802.11be40-EHT0	187	6885	MCS0	5.00	4.45
		227	7085		2.00	1.52
	802.11ax80-HE0	183	6865	MCS0	10.00	9.41
		199	6945		10.00	9.42
		215	7025		10.00	9.54
	802.11be80-EHT0	183	6865	MCS0	8.00	6.95
		199	6945		8.00	7.01
		215	7025		8.00	6.73
	802.11ax160-HE0	207	6985	MCS0	10.00	9.57
	802.11be160-EHT0	207	6985	MCS0	10.00	9.75
	802.11be320-EHT0	191	6905	MCS0	10.00	9.77

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f (886-2) 2298-0488

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	1.00	0.47
		45	6175		1.00	0.44
		93	6415		1.00	-0.14
	802.11ax20-HE0	1	5955	MCS0	10.00	9.34
		45	6175		10.00	9.32
		93	6415		10.00	9.46
	802.11be20-EHT0	1	5955	MCS0	2.00	1.00
		45	6175		2.00	0.14
		93	6415		2.00	0.28
	802.11ax40-HE0	3	5965	MCS0	10.00	9.38
		43	6165		10.00	9.48
		91	6405		10.00	9.42
	802.11be40-EHT0	3	5965	MCS0	4.00	3.70
		43	6165		4.00	3.63
		91	6405		4.00	3.00
	802.11ax80-HE0	7	5985	MCS0	10.00	9.46
		39	6145		10.00	9.38
		87	6385		10.00	9.42
	802.11be80-EHT0	7	5985	MCS0	8.00	7.16
		39	6145		8.00	7.22
		87	6385		8.00	6.63
	802.11ax160-HE0	15	6025	MCS0	10.00	9.42
		47	6185		10.00	9.45
		79	6345		10.00	9.32
	802.11be160-EHT0	15	6025	MCS0	10.00	9.44
		47	6185		10.00	9.34
		79	6345		10.00	9.43
	802.11be320-EHT0	31	6105	MCS0	10.00	9.97
		63	6265		10.00	9.69

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	1.00	-0.07
		105	6475		1.00	-0.37
		113	6515		1.00	0.00
	802.11ax20-HE0	97	6435	MCS0	8.00	7.45
		105	6475		8.00	7.45
		113	6515		8.00	7.32
	802.11be20-EHT0	97	6435	MCS0	1.00	0.40
		105	6475		1.00	-0.20
		113	6515		1.00	0.27
	802.11ax40-HE0	99	6445	MCS0	10.00	9.37
		107	6485		10.00	9.45
	802.11be40-EHT0	99	6445	MCS0	4.00	3.17
		107	6485		4.00	3.09
	802.11ax80-HE0	103	6465	MCS0	10.00	9.49
		119	6545		10.00	9.38
	802.11be80-EHT0	103	6465	MCS0	7.00	6.59
		119	6545		7.00	6.54
	802.11ax160-HE0	111	6505	MCS0	10.00	9.46
	802.11be160-EHT0	111	6505	MCS0	10.00	9.12
	802.11be320-EHT0	95	6425	MCS0	10.00	9.63

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Ant Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	1.50	0.10
		149	6695		0.00	-1.22
		181	6855		1.50	0.51
	802.11ax20-HE0	117	6535	MCS0	10.00	9.43
		149	6695		10.00	9.45
		181	6855		10.00	9.38
	802.11be20-EHT0	117	6535	MCS0	2.00	0.38
		149	6695		1.50	-0.10
		181	6855		2.00	0.85
	802.11ax40-HE0	115	6525	MCS0	10.00	9.38
		147	6685		10.00	9.36
		179	6845		10.00	9.31
	802.11be40-EHT0	115	6525	MCS0	4.00	3.53
		147	6685		4.00	3.41
		179	6845		4.00	3.37
	802.11ax80-HE0	135	6625	MCS0	10.00	9.37
		151	6705		10.00	9.39
		167	6785		10.00	9.43
	802.11be80-EHT0	135	6625	MCS0	7.00	6.36
		151	6705		7.00	6.49
		167	6785		7.00	6.11
	802.11ax160-HE0	143	6665	MCS0	10.00	9.48
		175	6825		10.00	9.34
	802.11be160-EHT0	143	6665	MCS0	10.00	9.32
		175	6825		10.00	9.37
	802.11be320-EHT0	127	6585	MCS0	10.00	9.85
		159	6745		10.00	9.76

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台灣檢驗科技股份有限公司

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f (886-2) 2298-0488

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Ant Aux						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	2.00	0.59
		209	6995		2.00	0.49
		233	7115		2.00	0.81
	802.11ax20-HE0	185	6875	MCS0	8.00	7.44
		209	6995		8.00	7.44
		233	7115		8.00	7.45
	802.11be20-EHT0	185	6875	MCS0	2.00	0.82
		209	6995		2.00	0.54
		233	7115		-6.00	-6.58
	802.11ax40-HE0	187	6885	MCS0	10.00	9.37
		227	7085		10.00	9.37
	802.11be40-EHT0	187	6885	MCS0	5.00	3.99
		227	7085		2.00	1.17
	802.11ax80-HE0	183	6865	MCS0	10.00	9.37
		199	6945		10.00	9.44
		215	7025		10.00	9.44
	802.11be80-EHT0	183	6865	MCS0	8.00	6.83
		199	6945		8.00	6.92
		215	7025		8.00	6.36
	802.11ax160-HE0	207	6985	MCS0	10.00	9.43
	802.11be160-EHT0	207	6985	MCS0	10.00	9.46
	802.11be320-EHT0	191	6905	MCS0	10.00	9.67

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f (886-2) 2298-0488

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TB_MIMO

Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.00	3.66
		45	6175		4.00	3.63
		93	6415		4.00	3.09
	802.11ax20-HE0	1	5955	MCS0	13.00	12.47
		45	6175		13.00	12.47
		93	6415		13.00	12.54
	802.11be20-EHT0	1	5955	MCS0	5.00	4.17
		45	6175		5.00	3.82
		93	6415		5.00	3.53
	802.11ax40-HE0	3	5965	MCS0	13.00	12.44
		43	6165		13.00	12.53
		91	6405		13.00	12.50
	802.11be40-EHT0	3	5965	MCS0	7.00	6.85
		43	6165		7.00	6.79
		91	6405		7.00	6.41
	802.11ax80-HE0	7	5985	MCS0	13.00	12.48
		39	6145		13.00	12.49
		87	6385		13.00	12.47
	802.11be80-EHT0	7	5985	MCS0	11.00	10.30
		39	6145		11.00	10.36
		87	6385		11.00	9.80
	802.11ax160-HE0	15	6025	MCS0	13.00	12.51
		47	6185		13.00	12.53
		79	6345		13.00	12.38
	802.11be160-EHT0	15	6025	MCS0	13.00	12.53
		47	6185		13.00	12.44
		79	6345		13.00	12.43
	802.11be320-EHT0	31	6105	MCS0	13.00	12.87
		63	6265		13.00	12.66

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f (886-2) 2298-0488

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Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	4.00	3.15
		105	6475		4.00	2.93
		113	6515		4.00	3.12
	802.11ax20-HE0	97	6435	MCS0	11.00	10.44
		105	6475		11.00	10.45
		113	6515		11.00	10.45
	802.11be20-EHT0	97	6435	MCS0	4.00	3.65
		105	6475		4.00	3.12
		113	6515		4.00	3.40
	802.11ax40-HE0	99	6445	MCS0	13.00	12.46
		107	6485		13.00	12.51
	802.11be40-EHT0	99	6445	MCS0	7.00	6.40
		107	6485		7.00	6.19
	802.11ax80-HE0	103	6465	MCS0	13.00	12.52
		119	6545		13.00	12.49
	802.11be80-EHT0	103	6465	MCS0	10.00	9.76
		119	6545		10.00	9.72
	802.11ax160-HE0	111	6505	MCS0	13.00	12.49
	802.11be160-EHT0	111	6505	MCS0	13.00	12.18
	802.11be320-EHT0	95	6425	MCS0	13.00	12.65

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f (886-2) 2298-0488

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Ant Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	4.00	3.20
		149	6695		3.00	2.37
		181	6855		4.00	3.87
	802.11ax20-HE0	117	6535	MCS0	13.00	12.45
		149	6695		13.00	12.47
		181	6855		13.00	12.48
	802.11be20-EHT0	117	6535	MCS0	5.00	3.44
		149	6695		4.00	3.34
		181	6855		5.00	4.09
	802.11ax40-HE0	115	6525	MCS0	13.00	12.42
		147	6685		13.00	12.48
		179	6845		13.00	12.37
	802.11be40-EHT0	115	6525	MCS0	7.00	6.43
		147	6685		7.00	6.33
		179	6845		7.00	6.65
	802.11ax80-HE0	135	6625	MCS0	13.00	12.43
		151	6705		13.00	12.50
		167	6785		13.00	12.48
	802.11be80-EHT0	135	6625	MCS0	10.00	9.35
		151	6705		10.00	9.68
		167	6785		10.00	9.27
	802.11ax160-HE0	143	6665	MCS0	13.00	12.47
		175	6825		13.00	12.40
	802.11be160-EHT0	143	6665	MCS0	13.00	12.38
		175	6825		13.00	12.46
	802.11be320-EHT0	127	6585	MCS0	13.00	12.92
		159	6745		13.00	12.89

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Ant Main						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	5.00	3.93
		209	6995		5.00	3.87
		233	7115		5.00	4.07
	802.11ax20-HE0	185	6875	MCS0	11.00	10.45
		209	6995		11.00	10.51
		233	7115		11.00	10.49
	802.11be20-EHT0	185	6875	MCS0	5.00	4.31
		209	6995		5.00	3.77
		233	7115		-2.00	-3.39
	802.11ax40-HE0	187	6885	MCS0	13.00	12.45
		227	7085		13.00	12.46
	802.11be40-EHT0	187	6885	MCS0	8.00	7.24
		227	7085		5.00	4.36
	802.11ax80-HE0	183	6865	MCS0	13.00	12.40
		199	6945		13.00	12.44
		215	7025		13.00	12.50
	802.11be80-EHT0	183	6865	MCS0	11.00	9.90
		199	6945		11.00	9.97
		215	7025		11.00	9.56
	802.11ax160-HE0	207	6985	MCS0	13.00	12.51
	802.11be160-EHT0	207	6985	MCS0	13.00	12.62
	802.11be320-EHT0	191	6905	MCS0	13.00	12.73

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7.3 Bluetooth

Aux

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			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)
BR/EDR	CH 00	2402	9.00	8.97	9.00	7.29	9.00	7.24
	CH 39	2441		8.99		7.33		7.31
	CH 78	2480		8.90		7.18		7.15

Main

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			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)
BR/EDR	CH 00	2402	9.00	8.79	9.00	7.27	9.00	7.11
	CH 39	2441		8.64		7.10		7.07
	CH 78	2480		8.28		7.04		7.05

MIMO

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			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)
BR/EDR	CH 00	2402	12.00	11.89	12.00	10.29	12.00	10.19
	CH 39	2441		11.83		10.23		10.20
	CH 78	2480		11.61		10.12		10.11

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7.4 BLE

Aux

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	9	8.97
	CH 19	2440		8.99
	CH 39	2480		8.91
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	9	7.63
	CH 19	2440		7.89
	CH 39	2480		7.81

Main

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	9	8.99
	CH 19	2440		8.94
	CH 39	2480		8.93
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	9	7.08
	CH 19	2440		7.04
	CH 39	2480		7.02

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MIMO

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	6	5.96
	CH 19	2440		5.84
	CH 39	2480		5.77
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	6	4.78
	CH 19	2440		4.58
	CH 39	2480		4.51

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

8 SUMMARY OF RESULTS

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

NB mode

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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant Main	Bottom Surface	0	1	2412	14.00	13.75	1.03	105.93%	0.510	0.556	-
WLAN 802.11b	Ant Main	Bottom Surface	0	6	2437	14.00	13.87	1.03	103.04%	0.527	0.559	-
WLAN 802.11b	Ant Main	Bottom Surface	0	11	2462	14.00	13.95	1.03	101.16%	0.547	0.570	001
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 over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant Main	Bottom Surface	0	00	2402	9.00	8.79	1.23	104.95%	0.190	0.245	002
Bluetooth(GFSK)	Ant Main	Bottom Surface	0	39	2441	9.00	8.64	1.23	108.64%	0.111	0.148	-
Bluetooth(GFSK)	Ant Main	Bottom Surface	0	78	2480	9.00	8.28	1.23	118.03%	0.102	0.148	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant Main	Bottom Surface	0	50	5250	13.50	13.05	1.01	110.92%	0.574	0.640	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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant Main	Bottom Surface	0	58	5290	13.50	13.25	1.01	105.93%	0.620	0.664	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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant Main	Bottom Surface	0	114	5570	13.50	13.06	1.01	110.66%	0.828	0.922	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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant Main	Bottom Surface	0	155	5775	13.00	12.99	1.01	100.23%	0.402	0.407	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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.9G	Ant Main	Bottom Surface	0	163	5815	12.00	11.89	1.01	102.57%	0.344	0.355	007
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant Aux	Bottom Surface	0	1	2412	14.00	13.99	1.03	100.23%	0.474	0.489	008
WLAN 802.11b	Ant Aux	Bottom Surface	0	6	2437	14.00	13.92	1.03	101.86%	0.377	0.396	-
WLAN 802.11b	Ant Aux	Bottom Surface	0	11	2462	14.00	13.77	1.03	105.44%	0.319	0.346	-
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 over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant Aux	Bottom Surface	0	00	2402	9.00	8.97	1.23	100.69%	0.131	0.162	-
Bluetooth(GFSK)	Ant Aux	Bottom Surface	0	39	2441	9.00	8.99	1.23	100.23%	0.213	0.263	009
Bluetooth(GFSK)	Ant Aux	Bottom Surface	0	78	2480	9.00	8.90	1.23	102.33%	0.151	0.190	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant Aux	Bottom Surface	0	50	5250	13.50	12.89	1.01	115.08%	0.680	0.787	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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant Aux	Bottom Surface	0	58	5290	13.50	13.18	1.01	107.65%	0.765	0.833	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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant Aux	Bottom Surface	0	114	5570	13.50	13.08	1.01	110.15%	0.876	0.971	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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant Aux	Bottom Surface	0	155	5775	13.00	12.91	1.01	102.09%	0.422	0.436	013
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.9G	Ant Aux	Bottom Surface	0	163	5815	12.00	11.97	1.01	100.69%	0.434	0.440	014

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MIMO mode

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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant MIMO	Bottom Surface	0	50	5250	16.50	15.98	1.01	112.69%	0.870	0.986	015
WLAN 802.11ac(160M) 5.2G	Ant MIMO	Bottom Surface*	0	50	5250	16.50	15.98	1.01	112.69%	0.862	0.977	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant MIMO	Bottom Surface	0	58	5290	16.50	16.23	1.01	106.53%	0.997	1.074	016
WLAN 802.11ac(80M) 5.3G	Ant MIMO	Bottom Surface*	0	58	5290	16.50	16.23	1.01	106.53%	0.922	0.993	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant MIMO	Bottom Surface	0	114	5570	16.50	16.08	1.01	110.15%	0.959	1.063	017
WLAN 802.11ac(160M) 5.6G	Ant MIMO	Bottom Surface*	0	114	5570	16.50	16.08	1.01	110.15%	0.917	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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant MIMO	Bottom Surface	0	155	5775	16.00	15.96	1.01	100.91%	0.546	0.557	018
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.9G	Ant MIMO	Bottom Surface	0	163	5815	15.00	14.94	1.01	101.38%	0.495	0.505	019

Note: * - repeated at the highest SAR measurement according to the KDB 865664 D01

6E

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant Main	Bottom Surface	0	31	6105	11.00	10.73	1.01	106.41%	0.328	0.352	2.29	2.456	020
U-NII-5 6.2GHz 802.11be(320M)	Ant Main	Bottom Surface	0	63	6265	11.00	10.99	1.01	100.23%	0.304	0.307	2.12	2.142	-

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Ant Main	Bottom Surface	0	95	6425	11.00	10.62	1.01	109.14%	0.382	0.420	2.40	2.640	021

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Bottom Surface	0	127	6585	11.00	10.65	1.01	108.39%	0.410	0.448	2.52	2.753	-
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Bottom Surface	0	159	6745	11.00	10.98	1.01	100.46%	0.442	0.448	2.72	2.754	022

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant Main	Bottom Surface	0	191	6905	11.00	10.99	1.01	100.23%	0.433	0.437	2.68	2.708	023
Ant Aux														

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant Aux	Bottom Surface	0	31	6105	11.00	10.86	1.01	103.28%	0.441	0.459	2.71	2.821	-
U-NII-5 6.2GHz 802.11be(320M)	Ant Aux	Bottom Surface	0	63	6265	11.00	10.62	1.01	109.14%	0.451	0.496	2.79	3.069	024

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Ant Aux	Bottom Surface	0	95	6425	11.00	10.65	1.01	108.39%	0.444	0.485	2.86	3.125	025

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant Aux	Bottom Surface	0	127	6585	11.00	10.85	1.01	103.51%	0.473	0.494	3.15	3.287	026
U-NII-7 6.7GHz 802.11be(320M)	Ant Aux	Bottom Surface	0	159	6745	11.00	10.89	1.01	102.57%	0.427	0.441	2.71	2.802	-

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant Aux	Bottom Surface	0	191	6905	11.00	10.71	1.01	106.91%	0.450	0.485	2.65	2.856	027

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TB mode

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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant Main	Back Surface	0	1	2412	14.00	13.75	1.03	105.93%	0.625	0.682	-
WLAN 802.11b	Ant Main	Back Surface	0	6	2437	14.00	13.87	1.03	103.04%	0.597	0.634	-
WLAN 802.11b	Ant Main	Back Surface	0	11	2462	14.00	13.95	1.03	101.16%	0.655	0.682	028
WLAN 802.11b	Ant Main	Bottom Edge	0	11	2462	14.00	13.95	1.03	101.16%	0.218	0.227	-
WLAN 802.11b	Ant Main	Right Edge	0	11	2462	14.00	13.95	1.03	101.16%	0.118	0.123	-
WLAN 802.11b	Ant Main	Left Edge	0	11	2462	14.00	13.95	1.03	101.16%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant Main	Back Surface	0	00	2402	9.00	8.79	1.23	104.95%	0.183	0.236	029
Bluetooth(GFSK)	Ant Main	Back Surface	0	39	2441	9.00	8.64	1.23	108.64%	0.113	0.151	-
Bluetooth(GFSK)	Ant Main	Back Surface	0	78	2480	9.00	8.28	1.23	118.03%	0.107	0.155	-
Bluetooth(GFSK)	Ant Main	Bottom Edge	0	00	2402	9.00	8.79	1.23	104.95%	0.099	0.128	-
Bluetooth(GFSK)	Ant Main	Right Edge	0	00	2402	9.00	8.79	1.23	104.95%	0.001	0.001	-
Bluetooth(GFSK)	Ant Main	Left Edge	0	00	2402	9.00	8.79	1.23	104.95%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant Main	Back Surface	0	50	5250	10.00	9.67	1.01	107.89%	0.585	0.635	030
WLAN 802.11ac(160M) 5.2G	Ant Main	Bottom Edge	0	50	5250	10.00	9.67	1.01	107.89%	0.183	0.199	-
WLAN 802.11ac(160M) 5.2G	Ant Main	Right Edge	0	50	5250	10.00	9.67	1.01	107.89%	0.001	0.001	-
WLAN 802.11ac(160M) 5.2G	Ant Main	Left Edge	0	50	5250	10.00	9.67	1.01	107.89%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant Main	Back Surface	0	58	5290	10.00	9.88	1.01	102.80%	0.679	0.706	031
WLAN 802.11ac(80M) 5.3G	Ant Main	Bottom Edge	0	58	5290	10.00	9.88	1.01	102.80%	0.124	0.129	-
WLAN 802.11ac(80M) 5.3G	Ant Main	Right Edge	0	58	5290	10.00	9.88	1.01	102.80%	0.001	0.001	-
WLAN 802.11ac(80M) 5.3G	Ant Main	Left Edge	0	58	5290	10.00	9.88	1.01	102.80%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant Main	Back Surface	0	114	5570	10.00	9.94	1.01	101.39%	1.030	1.051	032
WLAN 802.11ac(160M) 5.6G	Ant Main	Bottom Edge	0	114	5570	10.00	9.94	1.01	101.39%	0.203	0.207	-
WLAN 802.11ac(160M) 5.6G	Ant Main	Right Edge	0	114	5570	10.00	9.94	1.01	101.39%	0.001	0.001	-
WLAN 802.11ac(160M) 5.6G	Ant Main	Left Edge	0	114	5570	10.00	9.94	1.01	101.39%	0.001	0.001	-
WLAN 802.11ac(160M) 5.6G	Ant Main	Back Surface*	0	114	5570	10.00	9.94	1.01	101.39%	0.994	1.014	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant Main	Back Surface	0	155	5775	10.00	9.99	1.01	100.23%	0.579	0.587	033
WLAN 802.11ac(80M) 5.8G	Ant Main	Bottom Edge	0	155	5775	10.00	9.99	1.01	100.23%	0.139	0.141	-
WLAN 802.11ac(80M) 5.8G	Ant Main	Right Edge	0	155	5775	10.00	9.99	1.01	100.23%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Ant Main	Left Edge	0	155	5775	10.00	9.99	1.01	100.23%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.9G	Ant Main	Back Surface	0	163	5815	10.00	9.91	1.01	102.09%	0.582	0.598	034
WLAN 802.11ac(160M) 5.9G	Ant Main	Bottom Edge	0	163	5815	10.00	9.91	1.01	102.09%	0.136	0.140	-
WLAN 802.11ac(160M) 5.9G	Ant Main	Right Edge	0	163	5815	10.00	9.91	1.01	102.09%	0.001	0.001	-
WLAN 802.11ac(160M) 5.9G	Ant Main	Left Edge	0	163	5815	10.00	9.91	1.01	102.09%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant Aux	Back Surface	0	1	2412	14.00	13.99	1.03	100.23%	0.448	0.463	035
WLAN 802.11b	Ant Aux	Back Surface	0	6	2437	14.00	13.92	1.03	101.86%	0.411	0.431	-
WLAN 802.11b	Ant Aux	Back Surface	0	11	2462	14.00	13.77	1.03	105.44%	0.403	0.438	-
WLAN 802.11b	Ant Aux	Bottom Edge	0	1	2412	14.00	13.99	1.03	100.23%	0.237	0.245	-
WLAN 802.11b	Ant Aux	Right Edge	0	1	2412	14.00	13.99	1.03	100.23%	0.061	0.063	-
WLAN 802.11b	Ant Aux	Left Edge	0	1	2412	14.00	13.99	1.03	100.23%	0.141	0.146	-
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 over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant Aux	Back Surface	0	00	2402	9.00	8.97	1.23	100.69%	0.160	0.198	-
Bluetooth(GFSK)	Ant Aux	Back Surface	0	39	2441	9.00	8.99	1.23	100.23%	0.202	0.249	036
Bluetooth(GFSK)	Ant Aux	Back Surface	0	78	2480	9.00	8.90	1.23	102.33%	0.195	0.245	-
Bluetooth(GFSK)	Ant Aux	Bottom Edge	0	39	2441	9.00	8.99	1.23	100.23%	0.069	0.085	-
Bluetooth(GFSK)	Ant Aux	Right Edge	0	39	2441	9.00	8.99	1.23	100.23%	0.001	0.001	-
Bluetooth(GFSK)	Ant Aux	Left Edge	0	39	2441	9.00	8.99	1.23	100.23%	0.001	0.001	-

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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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant Aux	Back Surface	0	50	5250	10.00	9.81	1.01	104.47%	0.725	0.762	037
WLAN 802.11ac(160M) 5.2G	Ant Aux	Bottom Edge	0	50	5250	10.00	9.81	1.01	104.47%	0.285	0.300	-
WLAN 802.11ac(160M) 5.2G	Ant Aux	Right Edge	0	50	5250	10.00	9.81	1.01	104.47%	0.001	0.001	-
WLAN 802.11ac(160M) 5.2G	Ant Aux	Left Edge	0	50	5250	10.00	9.81	1.01	104.47%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant Aux	Back Surface	0	58	5290	10.00	9.76	1.01	105.68%	0.698	0.746	038
WLAN 802.11ac(80M) 5.3G	Ant Aux	Bottom Edge	0	58	5290	10.00	9.76	1.01	105.68%	0.262	0.280	-
WLAN 802.11ac(80M) 5.3G	Ant Aux	Right Edge	0	58	5290	10.00	9.76	1.01	105.68%	0.001	0.001	-
WLAN 802.11ac(80M) 5.3G	Ant Aux	Left Edge	0	58	5290	10.00	9.76	1.01	105.68%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant Aux	Back Surface	0	114	5570	10.00	9.83	1.01	103.99%	0.720	0.753	039
WLAN 802.11ac(160M) 5.6G	Ant Aux	Bottom Edge	0	114	5570	10.00	9.83	1.01	103.99%	0.300	0.314	-
WLAN 802.11ac(160M) 5.6G	Ant Aux	Right Edge	0	114	5570	10.00	9.83	1.01	103.99%	0.001	0.001	-
WLAN 802.11ac(160M) 5.6G	Ant Aux	Left Edge	0	114	5570	10.00	9.83	1.01	103.99%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant Aux	Back Surface	0	155	5775	10.00	9.94	1.01	101.39%	0.497	0.509	040
WLAN 802.11ac(80M) 5.8G	Ant Aux	Bottom Edge	0	155	5775	10.00	9.94	1.01	101.39%	0.169	0.173	-
WLAN 802.11ac(80M) 5.8G	Ant Aux	Right Edge	0	155	5775	10.00	9.94	1.01	101.39%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Ant Aux	Left Edge	0	155	5775	10.00	9.94	1.01	101.39%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.9G	Ant Aux	Back Surface	0	163	5815	10.00	9.74	1.01	106.17%	0.546	0.583	041
WLAN 802.11ac(160M) 5.9G	Ant Aux	Bottom Edge	0	163	5815	10.00	9.74	1.01	106.17%	0.144	0.154	-
WLAN 802.11ac(160M) 5.9G	Ant Aux	Right Edge	0	163	5815	10.00	9.74	1.01	106.17%	0.001	0.001	-
WLAN 802.11ac(160M) 5.9G	Ant Aux	Left Edge	0	163	5815	10.00	9.74	1.01	106.17%	0.001	0.001	-

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MIMO mode

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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant MIMO	Back Surface	0	50	5250	13.00	12.75	1.01	105.90%	0.828	0.882	042
WLAN 802.11ac(160M) 5.2G	Ant MIMO	Bottom Edge	0	50	5250	13.00	12.75	1.01	105.90%	0.280	0.298	-
WLAN 802.11ac(160M) 5.2G	Ant MIMO	Right Edge	0	50	5250	13.00	12.75	1.01	105.90%	0.001	0.001	-
WLAN 802.11ac(160M) 5.2G	Ant MIMO	Left Edge	0	50	5250	13.00	12.75	1.01	105.90%	0.001	0.001	-
WLAN 802.11ac(160M) 5.2G	Ant MIMO	Back Surface*	0	50	5250	13.00	12.75	1.01	105.90%	0.811	0.864	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant MIMO	Back Surface	0	58	5290	13.00	12.83	1.01	103.97%	1.000	1.051	043
WLAN 802.11ac(80M) 5.3G	Ant MIMO	Bottom Edge	0	58	5290	13.00	12.83	1.01	103.97%	0.280	0.294	-
WLAN 802.11ac(80M) 5.3G	Ant MIMO	Right Edge	0	58	5290	13.00	12.83	1.01	103.97%	0.001	0.001	-
WLAN 802.11ac(80M) 5.3G	Ant MIMO	Left Edge	0	58	5290	13.00	12.83	1.01	103.97%	0.001	0.001	-
WLAN 802.11ac(80M) 5.3G	Ant MIMO	Back Surface*	0	58	5290	13.00	12.83	1.01	103.97%	0.924	0.971	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant MIMO	Back Surface	0	114	5570	13.00	12.90	1.01	102.43%	1.080	1.113	044
WLAN 802.11ac(160M) 5.6G	Ant MIMO	Bottom Edge	0	114	5570	13.00	12.90	1.01	102.43%	0.283	0.292	-
WLAN 802.11ac(160M) 5.6G	Ant MIMO	Right Edge	0	114	5570	13.00	12.90	1.01	102.43%	0.001	0.001	-
WLAN 802.11ac(160M) 5.6G	Ant MIMO	Left Edge	0	114	5570	13.00	12.90	1.01	102.43%	0.001	0.001	-
WLAN 802.11ac(160M) 5.6G	Ant MIMO	Back Surface*	0	114	5570	13.00	12.90	1.01	102.43%	1.050	1.082	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant MIMO	Back Surface	0	155	5775	13.00	12.98	1.01	100.57%	0.619	0.629	045
WLAN 802.11ac(80M) 5.8G	Ant MIMO	Bottom Edge	0	155	5775	13.00	12.98	1.01	100.57%	0.170	0.173	-
WLAN 802.11ac(80M) 5.8G	Ant MIMO	Right Edge	0	155	5775	13.00	12.98	1.01	100.57%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Ant MIMO	Left Edge	0	155	5775	13.00	12.98	1.01	100.57%	0.001	0.001	-
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 over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.9G	Ant MIMO	Back Surface	0	163	5815	13.00	12.84	1.01	103.85%	0.639	0.668	046
WLAN 802.11ac(160M) 5.9G	Ant MIMO	Bottom Edge	0	163	5815	13.00	12.84	1.01	103.85%	0.211	0.220	-
WLAN 802.11ac(160M) 5.9G	Ant MIMO	Right Edge	0	163	5815	13.00	12.84	1.01	103.85%	0.001	0.001	-
WLAN 802.11ac(160M) 5.9G	Ant MIMO	Left Edge	0	163	5815	13.00	12.84	1.01	103.85%	0.001	0.001	-

Note: * - repeated at the highest SAR measurement according to the KDB 865664 D01

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant Main	Back Surface	0	31	6105	10.00	9.75	1.01	105.93%	0.633	0.676	4.38	4.677	047
U-NII-5 6.2GHz 802.11be(320M)	Ant Main	Back Surface	0	63	6265	10.00	9.61	1.01	109.40%	0.605	0.667	4.17	4.598	-
U-NII-5 6.2GHz 802.11be(320M)	Ant Main	Bottom Edge	0	31	6105	10.00	9.75	1.01	105.93%	0.037	0.040	0.841	0.898	-
U-NII-5 6.2GHz 802.11be(320M)	Ant Main	Right Edge	0	31	6105	10.00	9.75	1.01	105.93%	0.001	0.001	0.023	0.025	-
U-NII-5 6.2GHz 802.11be(320M)	Ant Main	Left Edge	0	31	6105	10.00	9.75	1.01	105.93%	0.001	0.001	0.023	0.025	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Ant Main	Back Surface	0	95	6425	10.00	9.65	1.01	108.39%	0.937	1.024	5.54	6.053	048
U-NII-6 6.5GHz 802.11be(320M)	Ant Main	Bottom Edge	0	95	6425	10.00	9.65	1.01	108.39%	0.111	0.121	0.888	0.970	-
U-NII-6 6.5GHz 802.11be(320M)	Ant Main	Right Edge	0	95	6425	10.00	9.65	1.01	108.39%	0.001	0.001	0.023	0.025	-
U-NII-6 6.5GHz 802.11be(320M)	Ant Main	Left Edge	0	95	6425	10.00	9.65	1.01	108.39%	0.001	0.001	0.023	0.025	-
U-NII-6 6.5GHz 802.11be(320M)	Ant Main	Back Surface*	0	95	6425	10.00	9.65	1.01	108.39%	0.889	0.971	5.25	5.736	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Back Surface	0	127	6585	10.00	9.97	1.01	100.69%	1.110	1.127	6.53	6.628	049
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Back Surface	0	159	6745	10.00	9.99	1.01	100.23%	0.907	0.916	5.19	5.244	-
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Bottom Edge	0	159	6745	10.00	9.99	1.01	100.23%	0.168	0.170	1.05	1.061	-
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Right Edge	0	159	6745	10.00	9.99	1.01	100.23%	0.001	0.001	0.023	0.023	-
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Left Edge	0	159	6745	10.00	9.99	1.01	100.23%	0.001	0.001	0.023	0.023	-
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Back Surface*	0	127	6585	10.00	9.97	1.01	100.69%	1.040	1.056	6.12	6.212	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant Main	Back Surface	0	191	6905	10.00	9.77	1.01	105.44%	0.957	1.017	5.25	5.580	050
U-NII-8 7.0GHz 802.11be(320M)	Ant Main	Bottom Edge	0	191	6905	10.00	9.77	1.01	105.44%	0.248	0.264	1.59	1.690	-
U-NII-8 7.0GHz 802.11be(320M)	Ant Main	Right Edge	0	191	6905	10.00	9.77	1.01	105.44%	0.001	0.001	0.023	0.024	-
U-NII-8 7.0GHz 802.11be(320M)	Ant Main	Left Edge	0	191	6905	10.00	9.77	1.01	105.44%	0.001	0.001	0.023	0.024	-
U-NII-8 7.0GHz 802.11be(320M)	Ant Main	Back Surface*	0	191	6905	10.00	9.77	1.01	105.44%	0.931	0.989	5.11	5.431	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant Aux	Back Surface	0	31	6105	10.00	9.97	1.01	100.69%	0.852	0.865	5.61	5.694	-
U-NII-5 6.2GHz 802.11be(320M)	Ant Aux	Back Surface	0	63	6265	10.00	9.69	1.01	107.40%	0.862	0.933	5.71	6.182	051
U-NII-5 6.2GHz 802.11be(320M)	Ant Aux	Bottom Edge	0	31	6105	10.00	9.97	1.01	100.69%	0.188	0.191	1.44	1.462	-
U-NII-5 6.2GHz 802.11be(320M)	Ant Aux	Right Edge	0	31	6105	10.00	9.97	1.01	100.69%	0.001	0.001	0.023	0.023	-
U-NII-5 6.2GHz 802.11be(320M)	Ant Aux	Left Edge	0	31	6105	10.00	9.97	1.01	100.69%	0.001	0.001	0.023	0.023	-
U-NII-5 6.2GHz 802.11be(320M)	Ant Aux	Back Surface*	0	63	6265	10.00	9.69	1.01	107.40%	0.843	0.913	5.58	6.041	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Ant Aux	Back Surface	0	95	6425	10.00	9.63	1.01	108.89%	0.925	1.015	5.94	6.520	052
U-NII-6 6.5GHz 802.11be(320M)	Ant Aux	Bottom Edge	0	95	6425	10.00	9.63	1.01	108.89%	0.228	0.250	1.68	1.844	-
U-NII-6 6.5GHz 802.11be(320M)	Ant Aux	Right Edge	0	95	6425	10.00	9.63	1.01	108.89%	0.001	0.001	0.023	0.025	-
U-NII-6 6.5GHz 802.11be(320M)	Ant Aux	Left Edge	0	95	6425	10.00	9.63	1.01	108.89%	0.001	0.001	0.023	0.025	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant Aux	Back Surface	0	127	6585	10.00	9.85	1.01	103.51%	0.980	1.023	5.94	6.198	053
U-NII-7 6.7GHz 802.11be(320M)	Ant Aux	Back Surface	0	159	6745	10.00	9.76	1.01	105.68%	0.847	0.902	4.93	5.252	-
U-NII-7 6.7GHz 802.11be(320M)	Ant Aux	Bottom Edge	0	127	6585	10.00	9.85	1.01	103.51%	0.215	0.224	1.59	1.659	-
U-NII-7 6.7GHz 802.11be(320M)	Ant Aux	Right Edge	0	127	6585	10.00	9.85	1.01	103.51%	0.001	0.001	0.023	0.024	-
U-NII-7 6.7GHz 802.11be(320M)	Ant Aux	Left Edge	0	127	6585	10.00	9.85	1.01	103.51%	0.001	0.001	0.023	0.024	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant Aux	Back Surface	0	191	6905	10.00	9.67	1.01	107.89%	0.747	0.812	3.93	4.274	054
U-NII-8 7.0GHz 802.11be(320M)	Ant Aux	Bottom Edge	0	191	6905	10.00	9.67	1.01	107.89%	0.187	0.203	1.28	1.392	-
U-NII-8 7.0GHz 802.11be(320M)	Ant Aux	Right Edge	0	191	6905	10.00	9.67	1.01	107.89%	0.001	0.001	0.023	0.025	-
U-NII-8 7.0GHz 802.11be(320M)	Ant Aux	Left Edge	0	191	6905	10.00	9.67	1.01	107.89%	0.001	0.001	0.023	0.025	-

Note: * - repeated at the highest SAR measurement according to the KDB 865664 D01

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6E_MIMO mode

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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant MIMO	Back Surface	0	31	6105	13.00	12.87	1.01	103.00%	0.944	0.980	6.40	6.645	055
U-NII-5 6.2GHz 802.11be(320M)	Ant MIMO	Back Surface	0	63	6265	13.00	12.66	1.01	108.13%	0.846	0.922	5.49	5.984	-
U-NII-5 6.2GHz 802.11be(320M)	Ant MIMO	Bottom Edge	0	31	6105	13.00	12.87	1.01	103.00%	0.268	0.278	1.90	1.973	-
U-NII-5 6.2GHz 802.11be(320M)	Ant MIMO	Right Edge	0	31	6105	13.00	12.87	1.01	103.00%	0.001	0.001	0.023	0.024	-
U-NII-5 6.2GHz 802.11be(320M)	Ant MIMO	Left Edge	0	31	6105	13.00	12.87	1.01	103.00%	0.001	0.001	0.023	0.024	-
U-NII-5 6.2GHz 802.11be(320M)	Ant MIMO	Back Surface*	0	31	6105	13.00	12.87	1.01	103.00%	0.916	0.951	5.86	6.084	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Ant MIMO	Back Surface	0	95	6425	13.00	12.65	1.01	108.38%	0.906	0.990	5.85	6.391	056
U-NII-6 6.5GHz 802.11be(320M)	Ant MIMO	Bottom Edge	0	95	6425	13.00	12.65	1.01	108.38%	0.215	0.235	1.57	1.715	-
U-NII-6 6.5GHz 802.11be(320M)	Ant MIMO	Right Edge	0	95	6425	13.00	12.65	1.01	108.38%	0.001	0.001	0.023	0.025	-
U-NII-6 6.5GHz 802.11be(320M)	Ant MIMO	Left Edge	0	95	6425	13.00	12.65	1.01	108.38%	0.001	0.001	0.023	0.025	-
U-NII-6 6.5GHz 802.11be(320M)	Ant MIMO	Back Surface*	0	95	6425	13.00	12.65	1.01	108.38%	0.828	0.905	5.34	5.834	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant MIMO	Back Surface	0	127	6585	13.00	12.98	1.01	100.46%	1.080	1.094	6.7	6.785	057
U-NII-7 6.7GHz 802.11be(320M)	Ant MIMO	Back Surface	0	159	6745	13.00	12.89	1.01	102.64%	0.210	0.217	1.45	1.500	-
U-NII-7 6.7GHz 802.11be(320M)	Ant MIMO	Bottom Edge	0	127	6585	13.00	12.98	1.01	100.46%	0.269	0.272	1.94	1.965	-
U-NII-7 6.7GHz 802.11be(320M)	Ant MIMO	Right Edge	0	127	6585	13.00	12.98	1.01	100.46%	0.001	0.001	0.023	0.023	-
U-NII-7 6.7GHz 802.11be(320M)	Ant MIMO	Left Edge	0	127	6585	13.00	12.98	1.01	100.46%	0.001	0.001	0.023	0.023	-
U-NII-7 6.7GHz 802.11be(320M)	Ant MIMO	Back Surface*	0	127	6585	13.00	12.98	1.01	100.46%	1.070	1.084	6.34	6.420	-
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 over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant MIMO	Back Surface	0	191	6905	13.00	12.73	1.01	106.40%	0.923	0.990	5.14	5.513	058
U-NII-8 7.0GHz 802.11be(320M)	Ant MIMO	Bottom Edge	0	191	6905	13.00	12.73	1.01	106.40%	0.234	0.251	1.68	1.802	-
U-NII-8 7.0GHz 802.11be(320M)	Ant MIMO	Right Edge	0	191	6905	13.00	12.73	1.01	106.40%	0.001	0.001	0.023	0.025	-
U-NII-8 7.0GHz 802.11be(320M)	Ant MIMO	Left Edge	0	191	6905	13.00	12.73	1.01	106.40%	0.001	0.001	0.023	0.025	-
U-NII-8 7.0GHz 802.11be(320M)	Ant MIMO	Back Surface*	0	191	6905	13.00	12.73	1.01	106.40%	0.875	0.938	4.87	5.223	-

Note: * - repeated at the highest SAR measurement according to the KDB 865664 D01

Note:

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

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8.3 Summary of PD Results

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Tune-up Scaling	Duty cycle scaling	Measurement uncertainty	PD result(4cm)				ID
											Measured Total psPD (W/m ²)	Reported Total psPD (W/m ²)	Measured Normal psPD (W/m ²)	Reported Normal psPD (W/m ²)	
U-NII-7 6.7GHz 802.11be(320M)	Ant Main	Back Surface	2	127	6585	10.00	9.97	100.69%	1.01	1.55	2.780	4.374	2.270	3.571	059
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Tune-up Scaling	Duty cycle scaling	Measurement uncertainty	PD result(4cm)				ID
											Measured Total psPD (W/m ²)	Reported Total psPD (W/m ²)	Measured Normal psPD (W/m ²)	Reported Normal psPD (W/m ²)	
U-NII-7 6.7GHz 802.11be(320M)	Ant Main+Aux	Back Surface	2	127	6585	13.00	12.92	101.86%	1.01	1.55	3.890	6.191	3.070	4.886	060

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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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

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9 SIMULTANEOUS TRANSMISSION ANALYSIS

9.1 Simultaneous Transmission Scenarios:

Simultaneous Transmission configurations
WLAN 2.4GHz Main + BT Aux
WLAN 2.4GHz Aux + BT Main
WLAN 2.4GHz Main + WLAN 2.4GHz Aux
WLAN 5GHz Main + BT Aux
WLAN 5GHz Aux + BT Main
WLAN 5GHz Main + WLAN 5GHz Aux
WLAN 5GHz Main + WLAN 5GHz Aux + BT Aux
WLAN 5GHz Main + WLAN 5GHz Aux + BT Main
WLAN 5GHz Main + WLAN 5GHz Aux + BT Main + BT Aux
WLAN 6GHz Main + BT Aux
WLAN 6GHz Aux + BT Main
WLAN 6GHz Main + WLAN 6GHz Aux
WLAN 6GHz Main + WLAN 6GHz Aux + BT Aux
WLAN 6GHz Main + WLAN 6GHz Aux + BT Main
WLAN 6GHz Main + WLAN 6GHz Aux + BT Main + 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:

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

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 $(\text{SAR1} + \text{SAR2})^{1.5}/R_i$, 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 R_i 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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f (886-2) 2298-0488

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Simultaneous Transmission Combination NB mode

Exposure Position	FCC Reported SAR										Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10	Scenario 11	Scenario 12	Scenario 13	Scenario 14	Scenario 15
	2 2-GNSS WLAN Ant Main 1g SAR (W/kg)	3 2-GNSS WLAN Ant Aux 1g SAR (W/kg)	4 2-GNSS WLAN Ant Main 1g SAR (W/kg)	5 2-GNSS WLAN Ant Aux 1g SAR (W/kg)	6 2-GNSS WLAN Ant Main 1g SAR (W/kg)	7 Bluetooth Ant Main 1g SAR (W/kg)	8 Bluetooth Ant Aux 1g SAR (W/kg)	9 2-GNSS WLAN Ant Main 1g SAR (W/kg)	10 2-GNSS WLAN Ant Aux 1g SAR (W/kg)	11 2-GNSS WLAN Ant Main 1g SAR (W/kg)	2+6 Summed 1g SAR (W/kg)	3+7 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	4+8 Summed 1g SAR (W/kg)	5+7 Summed 1g SAR (W/kg)	6 Summed 1g SAR (W/kg)	6+7 Summed 1g SAR (W/kg)	6+8 Summed 1g SAR (W/kg)	6+7+8 Summed 1g SAR (W/kg)	8+9 Summed 1g SAR (W/kg)	7+10 Summed 1g SAR (W/kg)	9+10 Summed 1g SAR (W/kg)	7+9+10 Summed 1g SAR (W/kg)	8+9+10 Summed 1g SAR (W/kg)	7+8+9+10 Summed 1g SAR (W/kg)
Bottom Surface	0	0.550	0.480	0.602	0.501	1.024	0.260	0.260	0.246	0.468	0.800	0.724	1.009	1.160	1.216	1.074	1.310	1.227	1.502	0.711	0.741	0.944	1.169	1.207	1.402

TB mode

Exposure Position	FCC Reported SAR										Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10	Scenario 11	Scenario 12	Scenario 13	Scenario 14	Scenario 15		
	2	3	4	5	6	7	8	9	10	11	2+6	3+7	2+3	4+8	5+7	6	6+7	6+8	6+7+8	8+9	7+10	11	7+11	8+11	7+8+11		
	2 GHz WLAN Ant Main 1g SAR (W/kg)	2 GHz WLAN Ant Aux 1g SAR (W/kg)	2 GHz WLAN Ant Main 1g SAR (W/kg)	2 GHz WLAN Ant Aux 1g SAR (W/kg)	2 GHz WLAN Ant Main 1g SAR (W/kg)	Bluetooth Ant Main 1g SAR (W/kg)	Bluetooth Ant Aux 1g SAR (W/kg)	2 GHz WLAN Ant Main 1g SAR (W/kg)	2 GHz WLAN Ant Aux 1g SAR (W/kg)	2 GHz WLAN Ant Main 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)		
Back Surface	0	0.682	0.483	1.051	0.762	1.113	0.236	0.249	1.127	1.023	1.004	0.931	0.699	1.145	1.200	0.998	1.113	1.349	1.262	1.098	1.378	1.209	1.094	1.320	1.543	1.679	
Bottom Edge	0	0.227	0.248	0.207	0.314	0.268	0.128	0.088	0.264	0.250	0.278	0.472	0.621	0.613	0.312	0.292	0.606	0.549	0.542	0.477	0.477	0.307	0.378	0.270	0.408	0.340	0.491
Right Edge	0	0.123	0.063	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.168	0.002	0.124	0.002	0.003	0.002	0.002	0.003	0.003	0.004	0.002	0.001	0.002	0.002	0.003	
Left Edge	0	0.001	0.146	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.167	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.003	0.003	0.004	0.002	0.001	0.002	0.002	

9.4 Conclusion

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

Equipment List					
Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Data acquisition Electronics	DAE4	547	Jan/15/2026	Jan/14/2027
SPEAG	Dosimetric E-Field Probe	EX3DV4	7466	Feb/25/2026	Feb/24/2027
SPEAG	E-field Probe for Near Field Application	EUmmWV3	9399	Jan/19/2026	Jan/18/2027
SPEAG	System Validation Dipole	D2450V2	727	Apr/15/2025	Apr/14/2028
SPEAG	System Validation Dipole	D5GHzV2	1349	Mar/19/2024	Mar/18/2027
SPEAG	System Validation Dipole	D6.5GHzV2	1006	Aug/12/2025	Aug/11/2028
SPEAG	System Validation Dipole	D7GHzV2	1007	Aug/12/2025	Aug/11/2028
SPEAG	5G Verification Source 10GHz	5G-Veri10	1021	Jan/15/2026	Jan/14/2027
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/19/2026	Feb/18/2027
Agilent	MXG Analog Signal Generator	N5181A	MY50145142	Dec/24/2025	Dec/23/2026
R&S	MXG Analog Signal Generator	SMB100A03	182012	Aug/09/2025	Aug/08/2026
Agilent	Dual-directional coupler	772D	MY46151258	Oct/08/2025	Oct/07/2026
Agilent	Dual-directional coupler	778D	MY46151242	Sep/09/2025	Sep/08/2026
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/26/2025	Nov/25/2026
R&S	Power Sensor	NRP6A	104247	Nov/26/2025	Nov/25/2026
R&S	Power Sensor	NRP6A	104246	Nov/26/2025	Nov/25/2026
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
SPEAG	Phantom	mmWave Phantom	N/A	Calibration not required	Calibration not required
LKM	Digital thermometer	DTM3000	EC14010603	Nov/25/2025	Nov/24/2026
TECPEL	Digital thermometer	HTC-1	EC23010602	Jan/12/2026	Jan/11/2027

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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11 UNCERTAINTY BUDGET

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

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertain	Probabili ty	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
<i>Isotropy , Axial</i>	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	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%	∞
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%	∞
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%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
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%	∞
Liquid permittivity (mea.)	0.85%	N	1	1	0.64	0.43	0.54%	0.37%	M
Liquid Conductivity (mea.)	0.24%	N	1	1	0.6	0.49	0.14%	0.12%	M
Combined standard uncertainty		RSS					11.73%	11.71%	
Expant uncertainty (95% confidence)							23.46%	23.43%	

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

A	c	D	e		f	g	$h=c * f / e$	$i=c * g / e$	k
Source of Uncertainty	Tolerance/ Uncertain	Probabili ty	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%	∞
Isotropy , Axial	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	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	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	0.74%	N	1	1	0.64	0.43	0.47%	0.32%	M
Liquid Conductivity (mea.)	1.41%	N	1	1	0.6	0.49	0.85%	0.69%	M
Combined standard uncertainty		RSS					11.46%	11.43%	
Expan uncertainty (95% confidence)							22.92%	22.87%	

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t (886-2) 2299-3279

f (886-2) 2298-0488

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

a	b	c	d		e	e	f=b * e / d	f=b * e / d
Source of Uncertainty	Uncertainty Value (±%)	Probability Distribution	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.)JBB	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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f (886-2) 2298-0488

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

a	b	c	d		e	f=b * e / d	g
Source of Uncertainty	Uncertainty Value (+dB)	Probability Distribution	Div.	Div. Value	ci	Std. uncertainty (+dB)	(vi) Veff
Uncertainty terms dependent on the measurement system							
Probe calibration	0.49	N	1	1	1	0.49	∞
Probe correction	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Frequency response (BW ≤ 1 GHz)	0.20	R	$\sqrt{3}$	1.732	1	0.12	∞
Sensor cross coupling	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Isotropy	0.50	R	$\sqrt{3}$	1.732	1	0.29	∞
Linearity	0.20	R	$\sqrt{3}$	1.732	1	0.12	∞
Probe scattering	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Probe positioning offset	0.30	R	$\sqrt{3}$	1.732	1	0.17	∞
Probe positioning repeatability	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Sensor mechanical offset	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Probe spatial resolution	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Field impedance dependence	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Amplitude and phase drift	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Amplitude and phase noise	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Measurement area truncation	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Data acquisition	0.03	N	1	1	1	0.03	∞
Sampling	0.00	R	$\sqrt{3}$	1	1	0.00	∞
Field reconstruction	2.00	R	$\sqrt{3}$	1.732	1	1.15	∞
Forward transformation	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Power density scaling	-	R	$\sqrt{3}$	1.732	1	-	∞
Spatial averaging	0.10	R	$\sqrt{3}$	1.732	1	0.06	∞
System detection limit	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors							
Probe coupling with DUT	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Modulation response	0.40	R	$\sqrt{3}$	1.732	1	0.23	∞
Integration time	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Response time	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Device holder influence	0.10	R	$\sqrt{3}$	1.732	1	0.06	∞
DUT alignment	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
RF ambient conditions	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Ambient reflections	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Immunity / secondary reception	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Drift of the DUT	-	R	$\sqrt{3}$	1.732	1	-	∞
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. :TESA2604000234EN

Measurement Report_WLAN 802.11b_Body_Bottom Surface_CH 11_0mm_Ant Main

Ambient temperature: 22.3°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	2462.0, 11	7.53	1.836	38.905

Hardware Setup

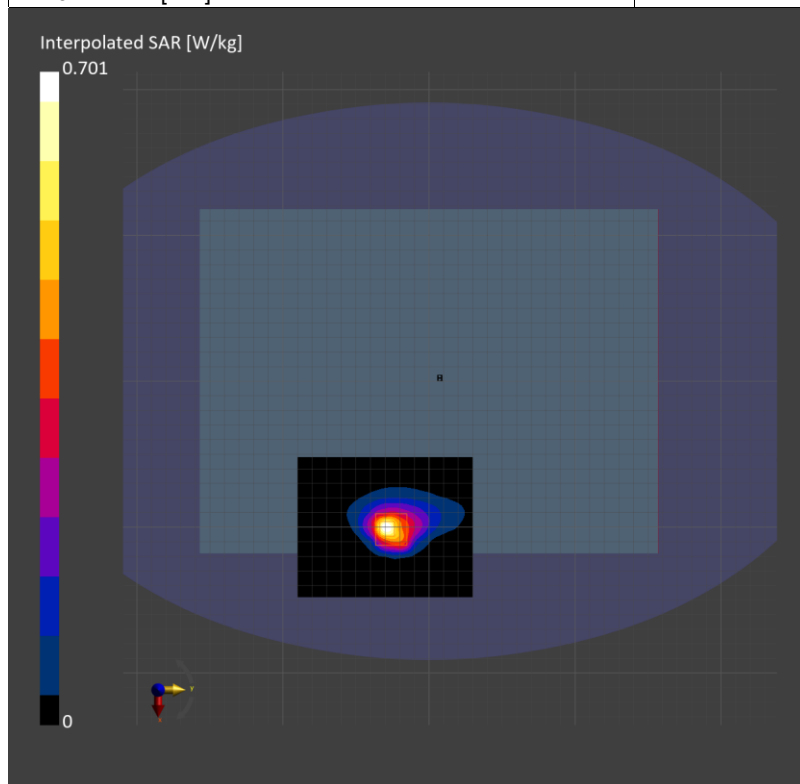
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 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	2026-04-14	2026-04-14
psSAR1g [W/kg]	0.507	0.547
psSAR8g [W/kg]	0.257	0.270
psSAR10g [W/kg]	0.233	0.244
Power Drift [dB]	0.01	0.01
M2/M1 [%]		54.4
Dist 3dB Peak [mm]		7.9



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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 002

Report No. :TESA2604000234EN

Measurement Report_Bluetooth(GFSK)_Body_Baottom Surface_CH 00_0mm_Ant Main

Ambient temperature: 22.3°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	2402.0, 0	7.53	1.783	39.005

Hardware Setup

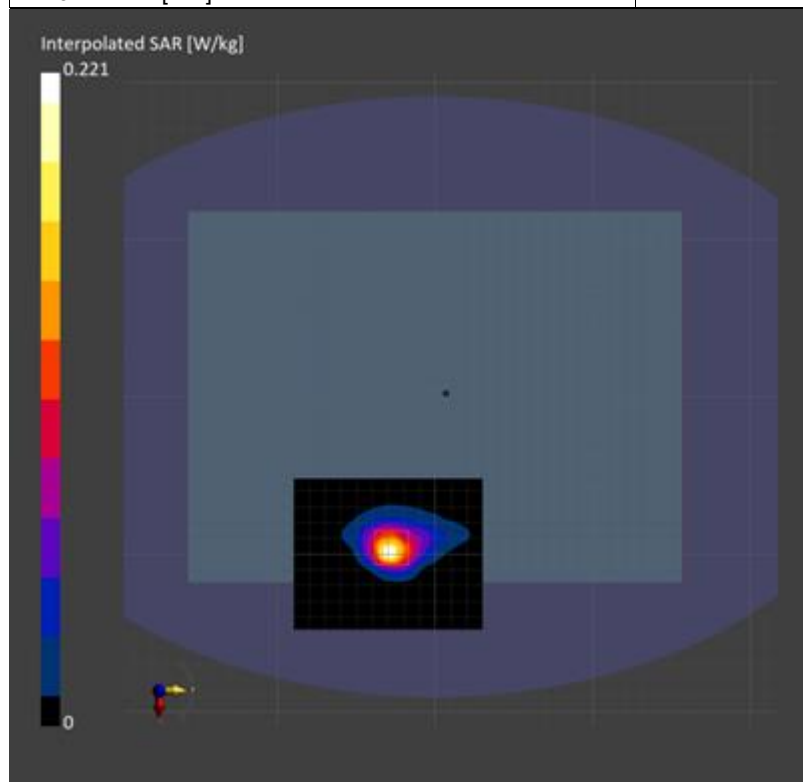
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	56.0 x 108.0	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	2026-04-14	2026-04-14
psSAR1g [W/kg]	0.184	0.190
psSAR8g [W/kg]	0.099	0.096
psSAR10g [W/kg]	0.089	0.087
Power Drift [dB]	0.01	-0.03
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		9.0



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f (886-2) 2298-0488

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ID: 003

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Bottom Surface_CH 50_0mm_Ant Main

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5250.0, 50	5.62	4.699	35.649

Hardware Setup

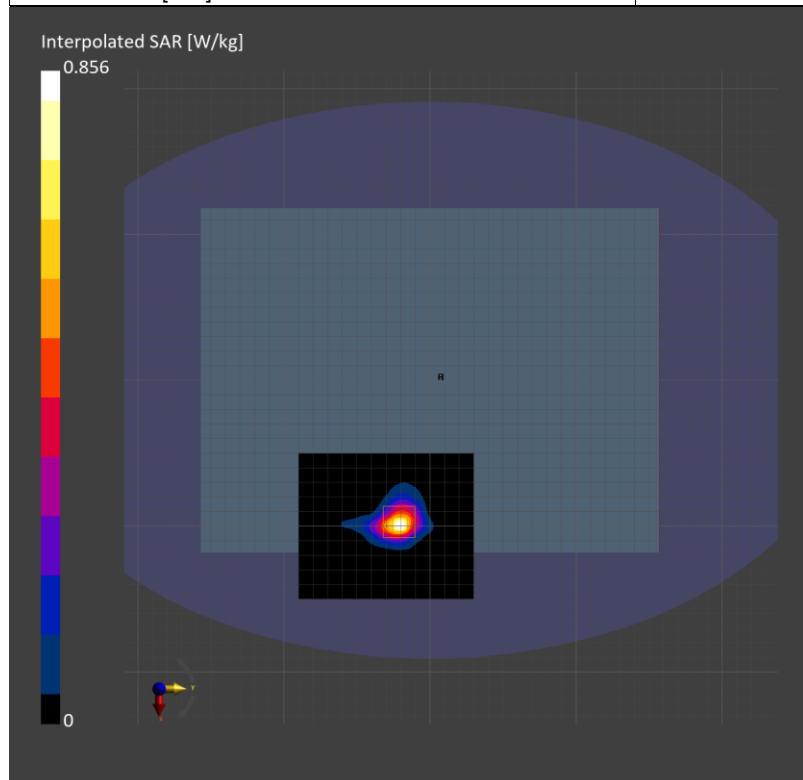
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.561	0.574
psSAR8g [W/kg]	0.211	0.212
psSAR10g [W/kg]	0.186	0.185
Power Drift [dB]	0.04	0.01
M2/M1 [%]		54.6
Dist 3dB Peak [mm]		8.0



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f (886-2) 2298-0488

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ID: 004

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Bottom Surface_CH 58_0mm_Ant Main

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5290.0, 58	5.62	4.740	35.603

Hardware Setup

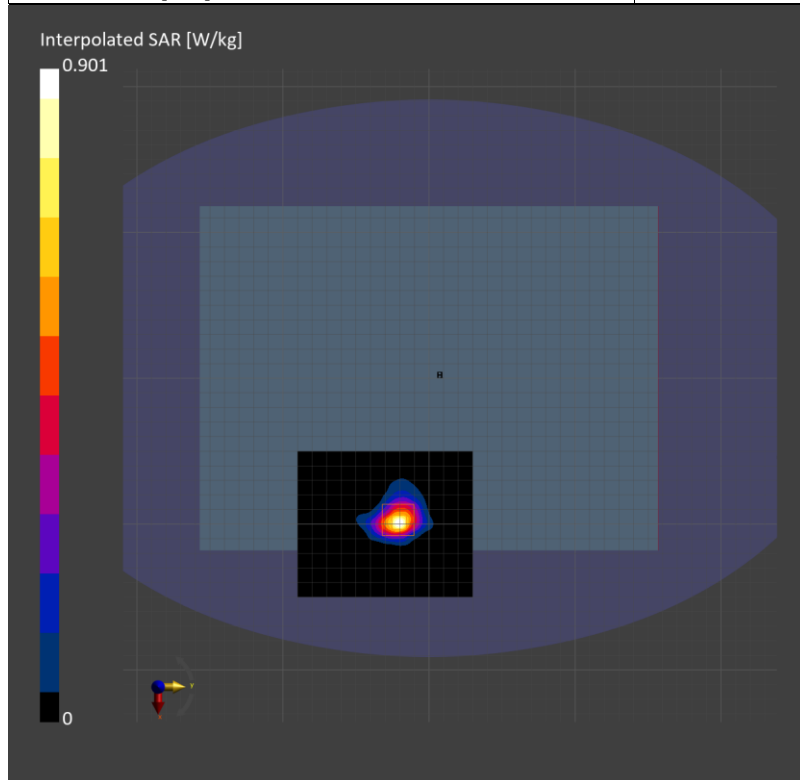
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.592	0.620
psSAR8g [W/kg]	0.224	0.239
psSAR10g [W/kg]	0.197	0.210
Power Drift [dB]	-0.05	0.03
M2/M1 [%]		56.4
Dist 3dB Peak [mm]		8.0



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f (886-2) 2298-0488

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ID: 005

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Bottom Surface_CH 114_0mm_Ant Main

Ambient temperature: 22.5°C; Liquid temperature: 21.5°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	5570.0, 114	5.17	5.027	35.283

Hardware Setup

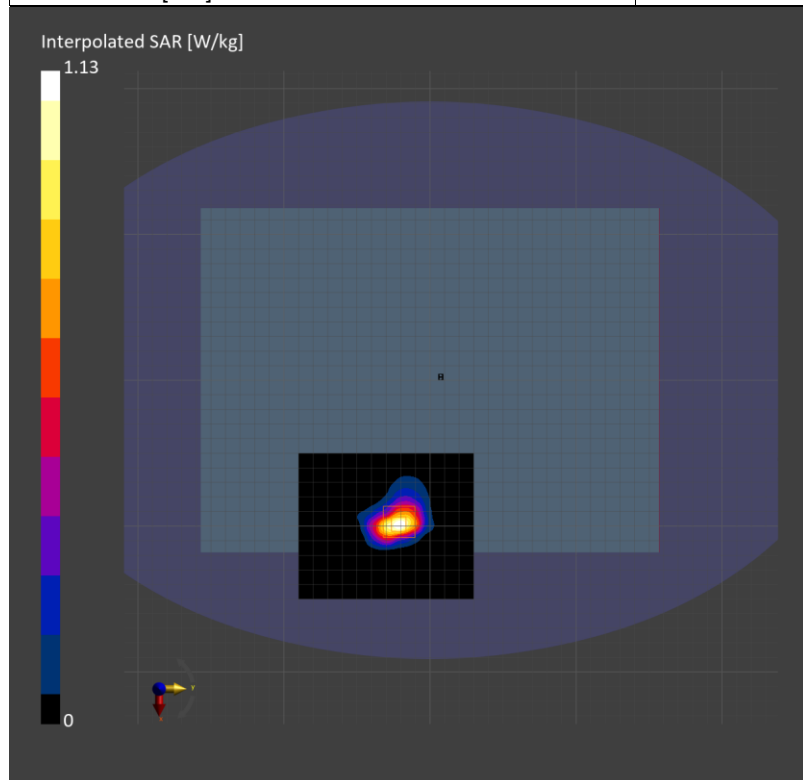
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-16	2026-04-16
psSAR1g [W/kg]	0.785	0.828
psSAR8g [W/kg]	0.312	0.341
psSAR10g [W/kg]	0.277	0.303
Power Drift [dB]	-0.05	0.04
M2/M1 [%]		52.5
Dist 3dB Peak [mm]		8.4



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ID: 006

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Bottom Surface_CH 155_0mm_Ant Main

Ambient temperature: 22.8°C; Liquid temperature: 21.7°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	5775.0, 155	5.17	5.237	35.049

Hardware Setup

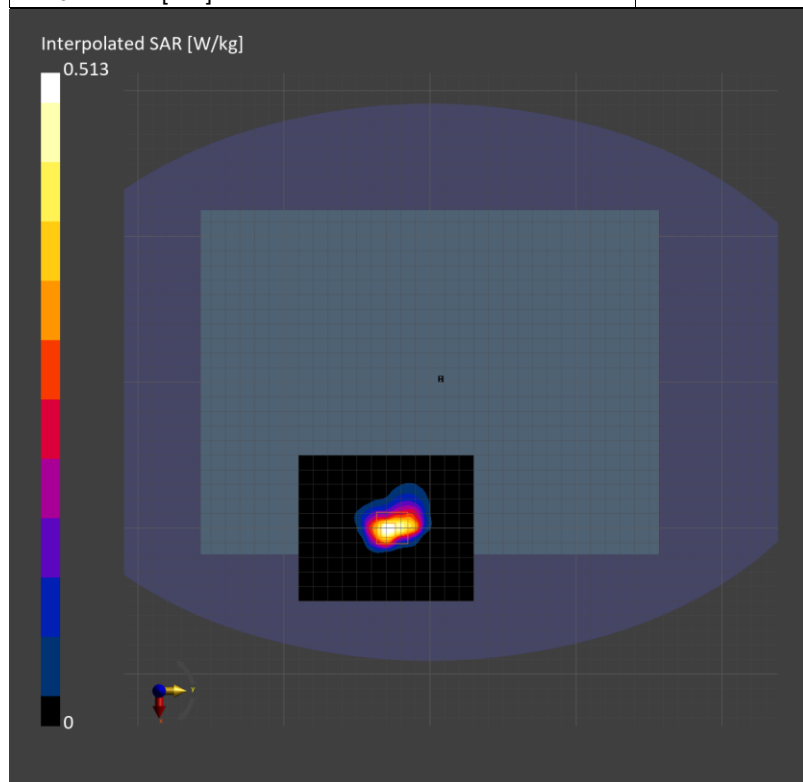
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-17	2026-04-17
psSAR1g [W/kg]	0.366	0.402
psSAR8g [W/kg]	0.145	0.150
psSAR10g [W/kg]	0.129	0.132
Power Drift [dB]	-0.04	0.03
M2/M1 [%]		50.4
Dist 3dB Peak [mm]		6.5



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f (886-2) 2298-0488

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ID: 007

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Bottom Surface_CH 163_0mm_Ant Main

Ambient temperature: 22.9°C; Liquid temperature: 21.2°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	5815.0, 163	5.01	5.278	35.003

Hardware Setup

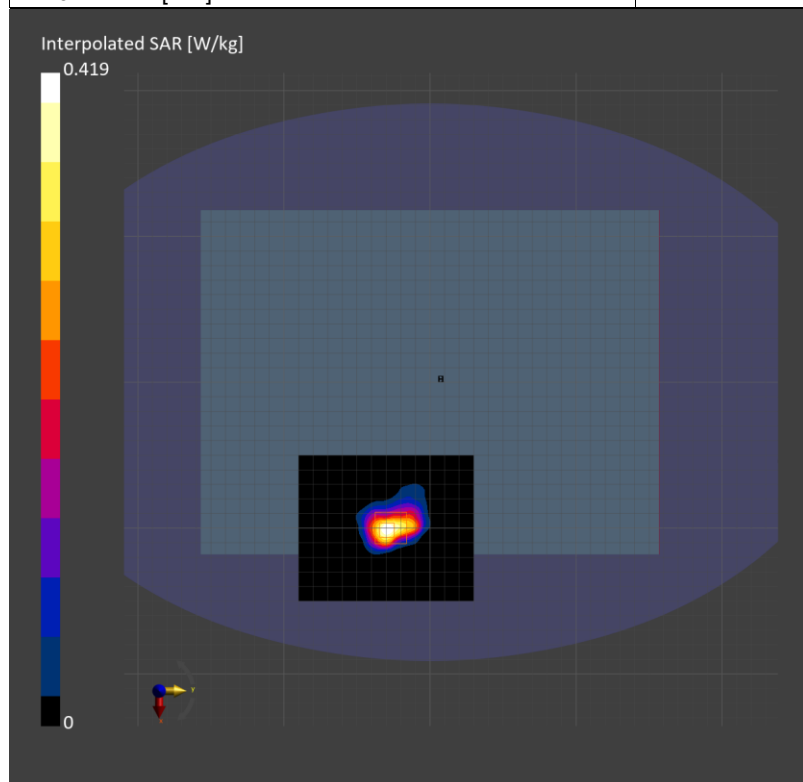
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 120.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-18	2026-04-18
psSAR1g [W/kg]	0.303	0.344
psSAR8g [W/kg]	0.120	0.125
psSAR10g [W/kg]	0.107	0.110
Power Drift [dB]	-0.02	-0.05
M2/M1 [%]		50.6
Dist 3dB Peak [mm]		6.6



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ID: 008

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11b_Body_Bottom Surface_CH 1_0mm_Ant Aux

Ambient temperature: 22.3°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	2412.0, 1	7.53	1.792	38.988

Hardware Setup

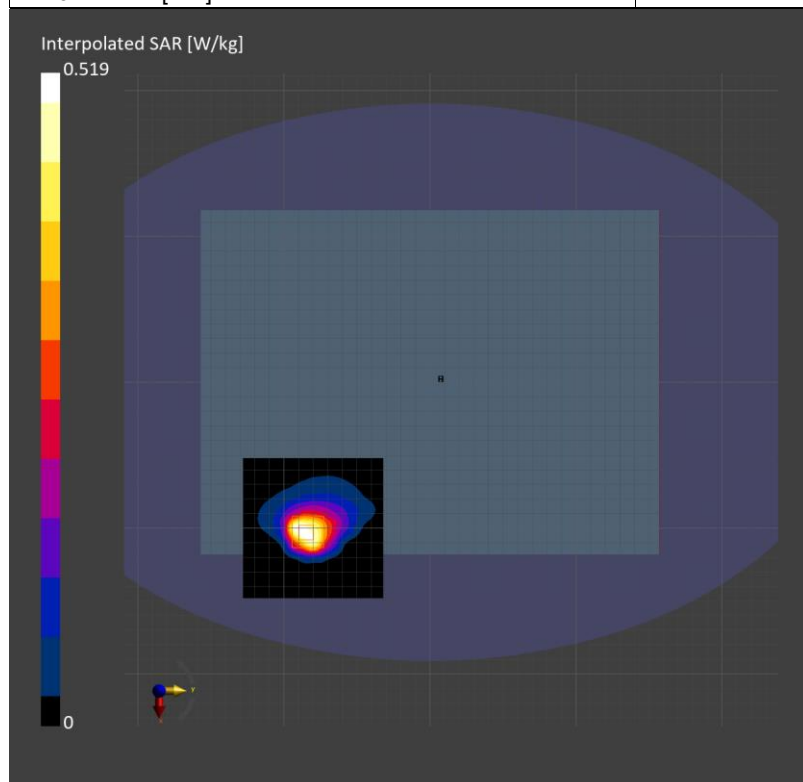
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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	2026-04-14	2026-04-14
psSAR1g [W/kg]	0.419	0.474
psSAR8g [W/kg]	0.232	0.245
psSAR10g [W/kg]	0.212	0.222
Power Drift [dB]	-0.04	0.03
M2/M1 [%]		54.0
Dist 3dB Peak [mm]		8.1



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 009

Report No. :TESA2604000234EN

Measurement Report_Bluetooth(GFSK)_Body_Baottom Surface_CH 39_0mm_Ant Aux

Ambient temperature: 22.3°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	2441.0, 39	7.53	1.817	38.936

Hardware Setup

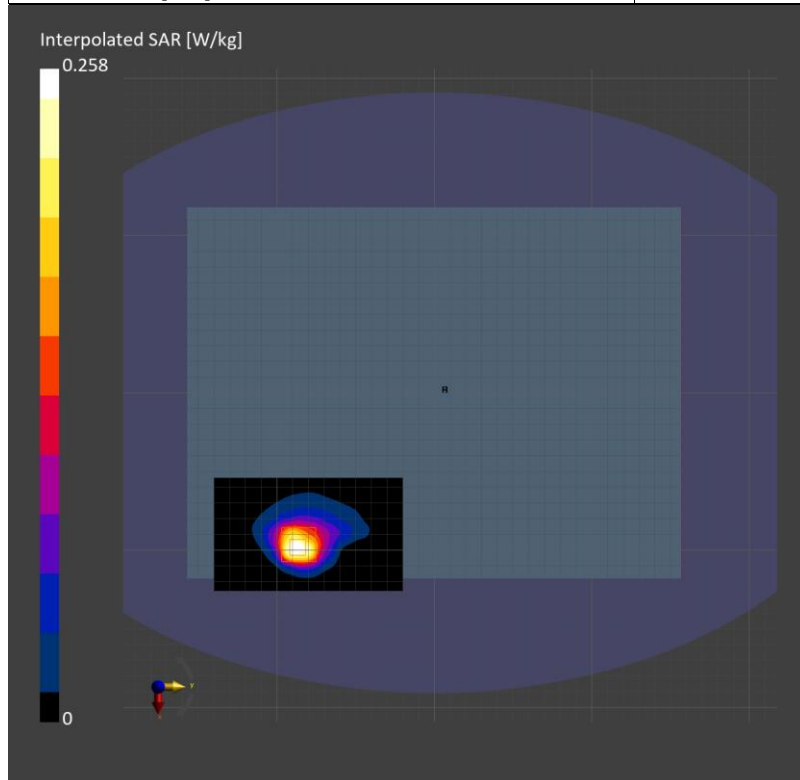
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	56.0 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 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-14	2026-04-14
psSAR1g [W/kg]	0.205	0.213
psSAR8g [W/kg]	0.109	0.107
psSAR10g [W/kg]	0.099	0.097
Power Drift [dB]	0.04	-0.03
M2/M1 [%]		79.3
Dist 3dB Peak [mm]		9.3



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 010

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Bottom Surface_CH 50_0mm_Ant Aux

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5250.0, 50	5.62	4.699	35.649

Hardware Setup

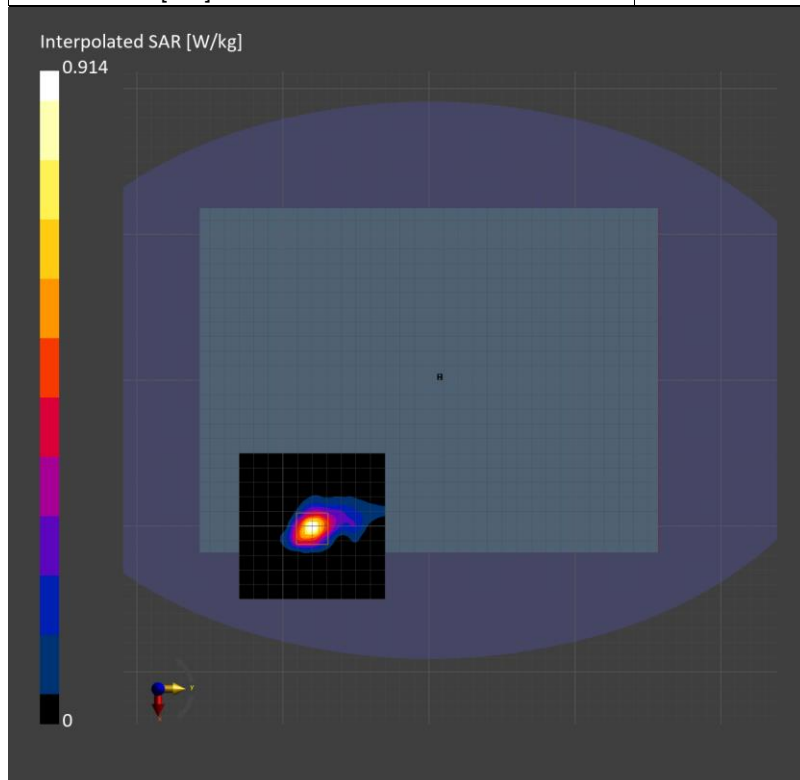
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.605	0.680
psSAR8g [W/kg]	0.228	0.254
psSAR10g [W/kg]	0.200	0.221
Power Drift [dB]	-0.03	0.03
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		7.1



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f (886-2) 2298-0488

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ID: 011

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Bottom Surface_CH 58_0mm_Ant Aux

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5290.0, 58	5.62	4.740	35.603

Hardware Setup

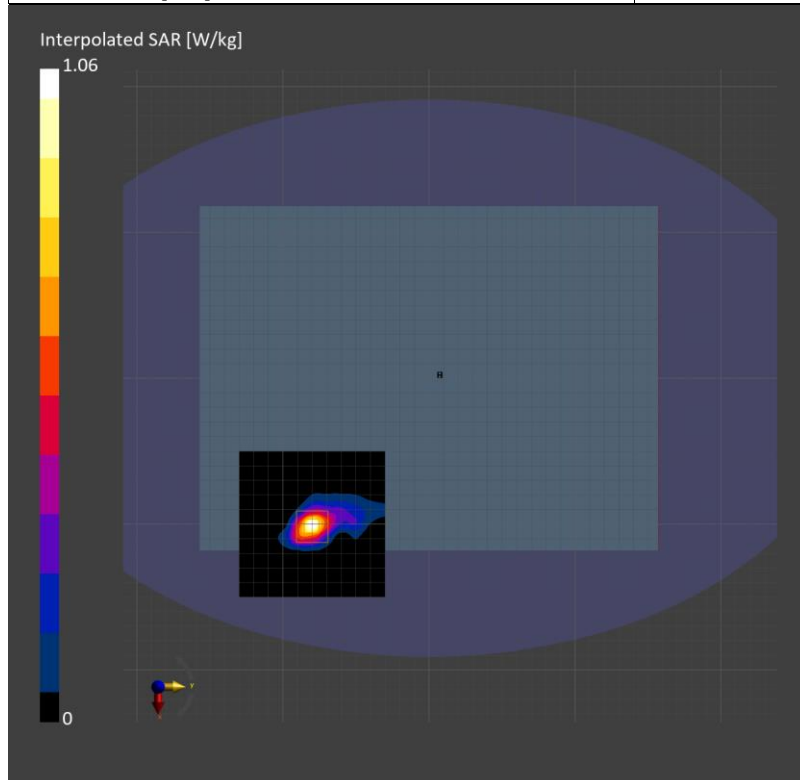
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.702	0.765
psSAR8g [W/kg]	0.263	0.291
psSAR10g [W/kg]	0.231	0.254
Power Drift [dB]	-0.04	0.05
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		6.9



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f (886-2) 2298-0488

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ID: 012

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Bottom Surface_CH 114_0mm_Ant Aux

Ambient temperature: 22.5°C; Liquid temperature: 21.5°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	5570.0, 114	5.17	5.027	35.283

Hardware Setup

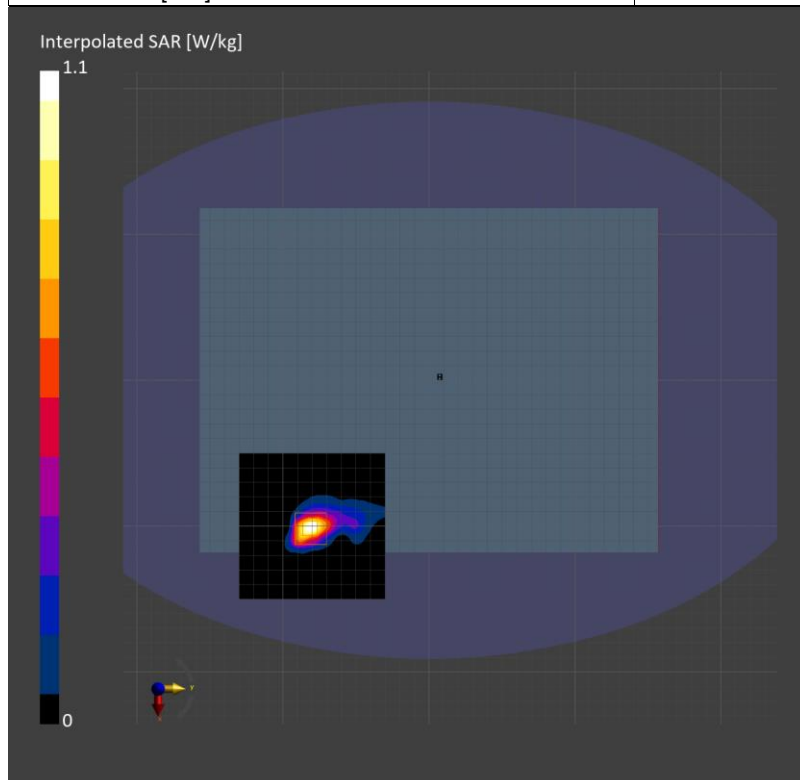
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

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 Results

	Area Scan	Zoom Scan
Date	2026-04-16	2026-04-16
psSAR1g [W/kg]	0.761	0.876
psSAR8g [W/kg]	0.286	0.318
psSAR10g [W/kg]	0.250	0.277
Power Drift [dB]	-0.01	0.04
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		5.8



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f (886-2) 2298-0488

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ID: 013

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Bottom Surface_CH 155_0mm_Ant Aux

Ambient temperature: 22.8°C; Liquid temperature: 21.7°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	5775.0, 155	5.17	5.237	35.049

Hardware Setup

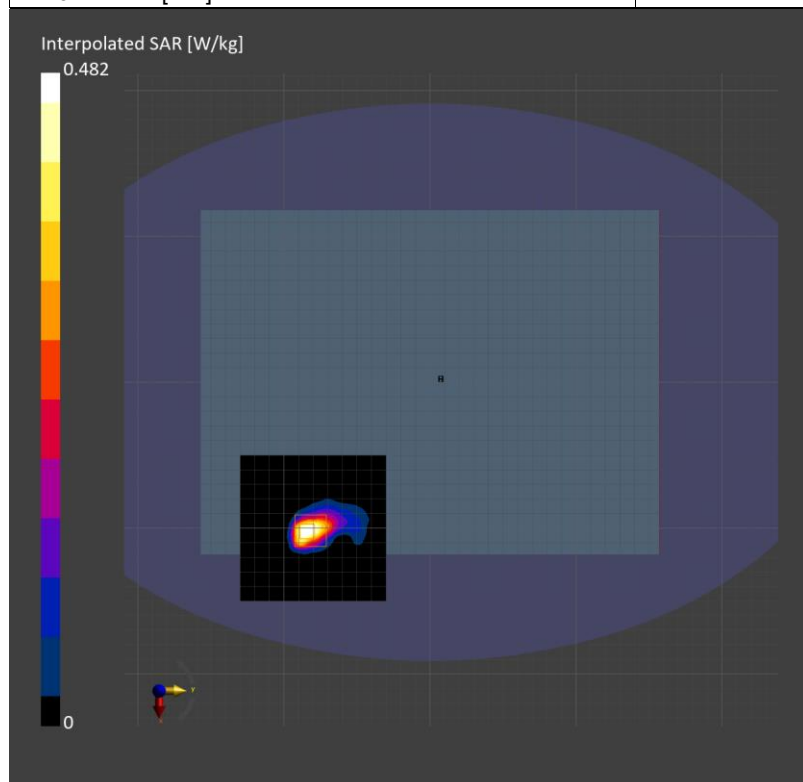
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

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]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-17	2026-04-17
psSAR1g [W/kg]	0.359	0.422
psSAR8g [W/kg]	0.136	0.141
psSAR10g [W/kg]	0.120	0.122
Power Drift [dB]	0.03	-0.02
M2/M1 [%]		52.5
Dist 3dB Peak [mm]		5.9



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f (886-2) 2298-0488

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ID: 014

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Bottom Surface_CH 163_0mm_Ant Aux

Ambient temperature: 22.9°C; Liquid temperature: 21.2°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	5815.0, 163	5.01	5.28	35.0

Hardware Setup

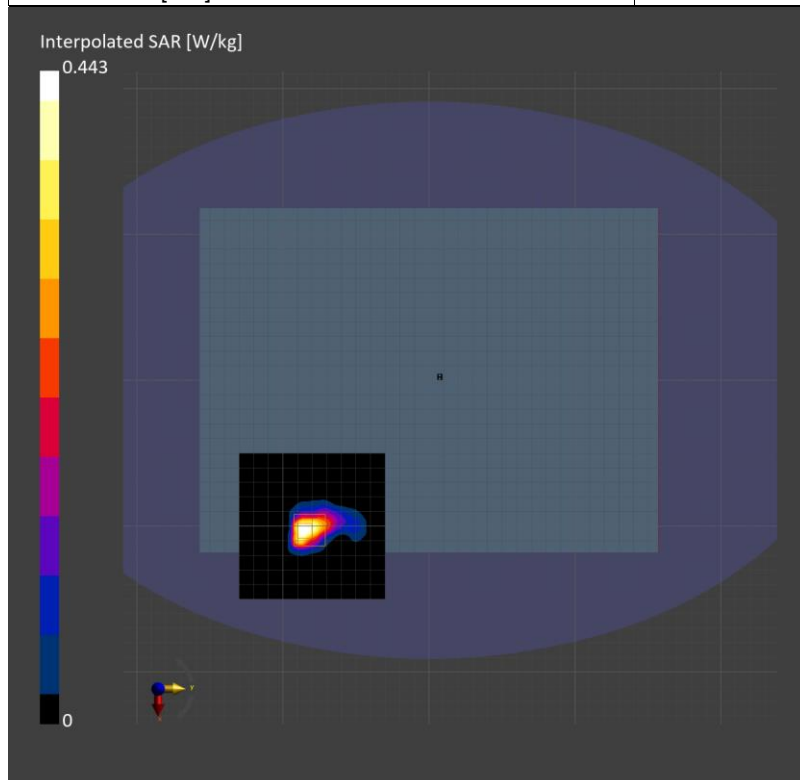
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

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 Results

	Area Scan	Zoom Scan
Date	2026-04-18	2026-04-18
psSAR1g [W/kg]	0.329	0.434
psSAR8g [W/kg]	0.124	0.138
psSAR10g [W/kg]	0.109	0.118
Power Drift [dB]	-0.03	0.03
M2/M1 [%]		54.6
Dist 3dB Peak [mm]		5.6



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台灣檢驗科技股份有限公司

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f (886-2) 2298-0488

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ID: 015

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M)5.2G_Body_Bottom Surface_CH 50_0mm_Ant Mimo

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5250.0, 50	5.62	4.699	35.649

Hardware Setup

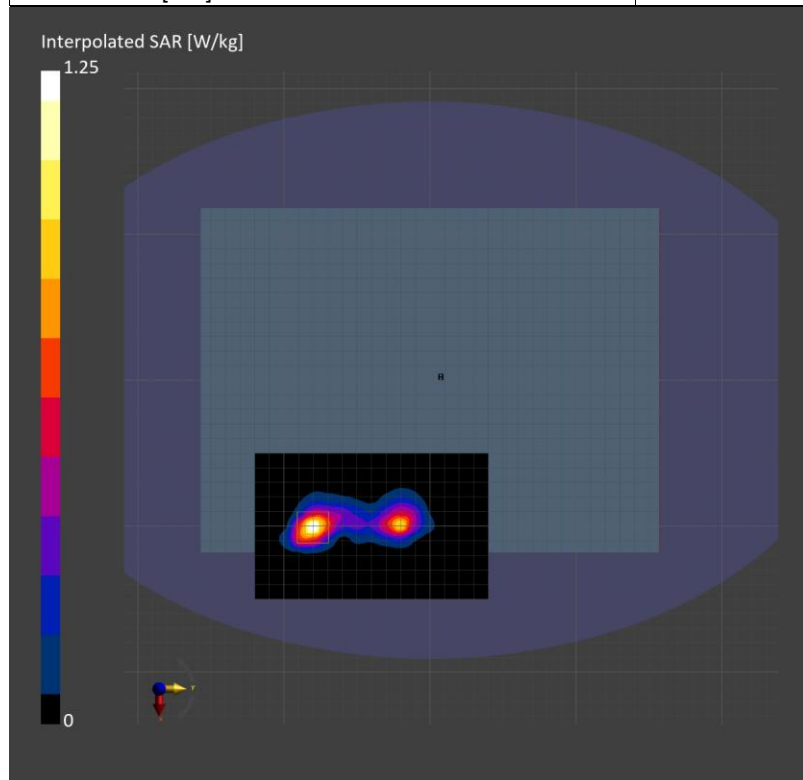
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.827	0.870
psSAR8g [W/kg]	0.314	0.326
psSAR10g [W/kg]	0.276	0.284
Power Drift [dB]	0.05	0.03
M2/M1 [%]		55.5
Dist 3dB Peak [mm]		8.0



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f (886-2) 2298-0488

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Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.3G _Body_Bottom Surface_CH 58_0mm_Ant Mimo

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5290.0, 58	5.62	4.740	35.603

Hardware Setup

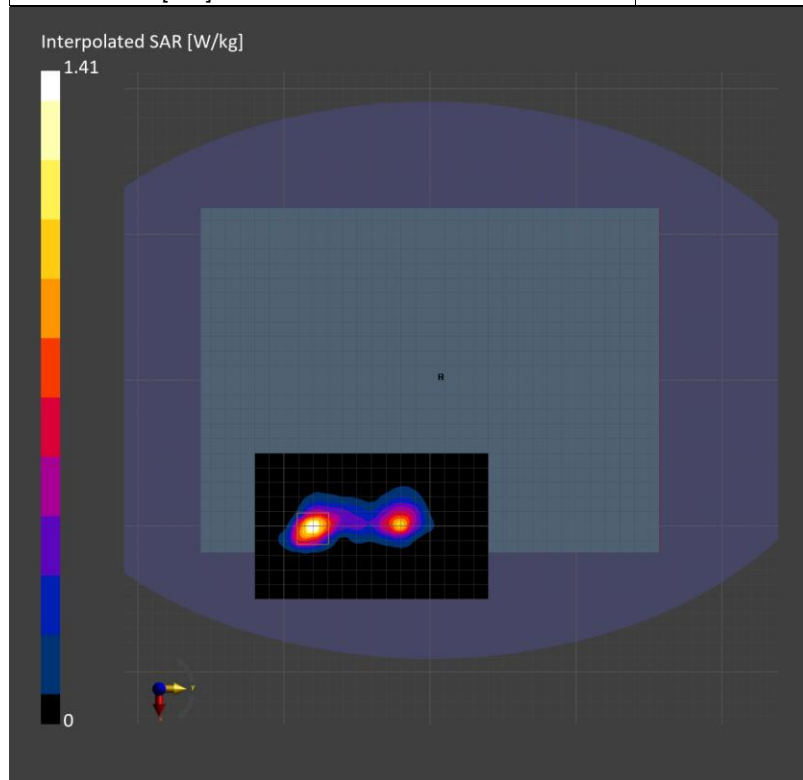
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 160.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.932	0.997
psSAR8g [W/kg]	0.352	0.382
psSAR10g [W/kg]	0.310	0.335
Power Drift [dB]	-0.01	0.05
M2/M1 [%]		57.7
Dist 3dB Peak [mm]		8.0



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f (886-2) 2298-0488

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Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Bottom Surface_CH 114_0mm_Ant Mimo

Ambient temperature: 22.5°C; Liquid temperature: 21.5°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	5570.0, 114	5.17	5.027	35.283

Hardware Setup

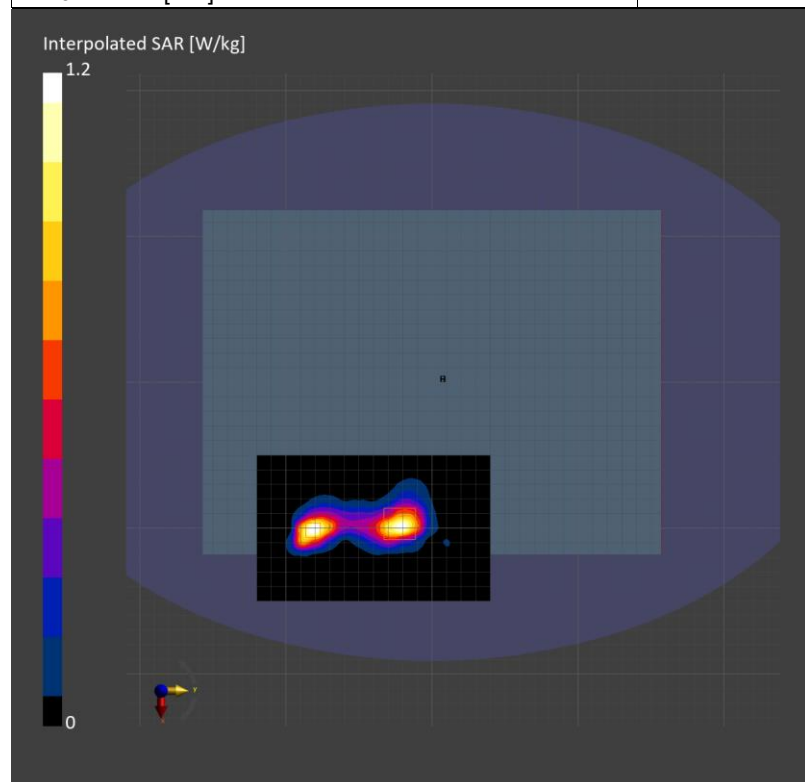
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 160.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-16	2026-04-16
psSAR1g [W/kg]	0.843	0.959
psSAR8g [W/kg]	0.332	0.356
psSAR10g [W/kg]	0.295	0.312
Power Drift [dB]	0.06	0.05
M2/M1 [%]		52.9
Dist 3dB Peak [mm]		8.2



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f (886-2) 2298-0488

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ID: 018

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.8G _Body_Bottom Surface_CH 155_0mm_Ant Mimo

Ambient temperature: 22.8°C; Liquid temperature: 21.7°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	5775.0, 155	5.17	5.237	35.049

Hardware Setup

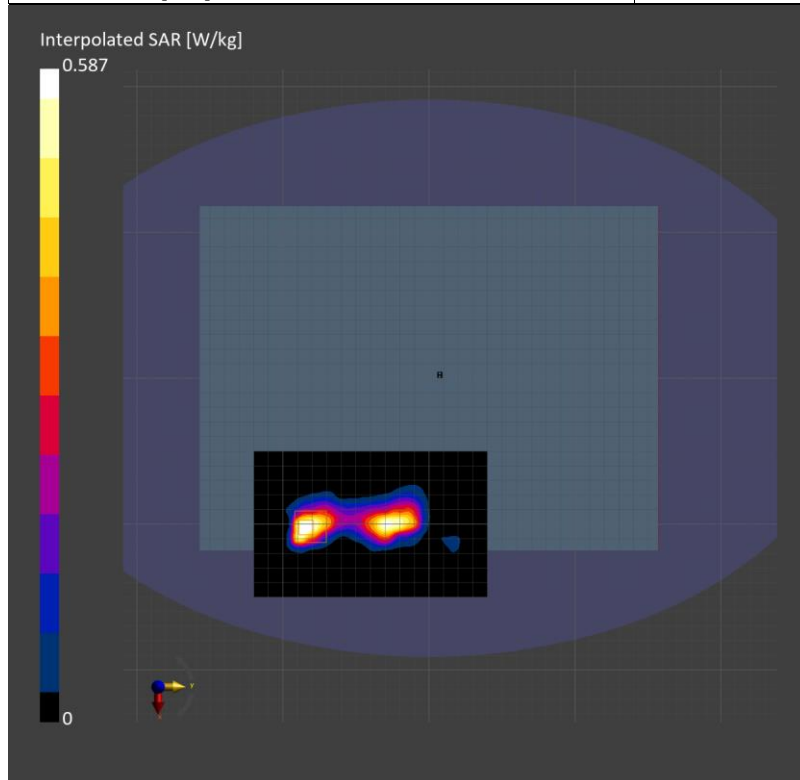
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 160.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-17	2026-04-17
psSAR1g [W/kg]	0.442	0.546
psSAR8g [W/kg]	0.175	0.189
psSAR10g [W/kg]	0.155	0.164
Power Drift [dB]	-0.05	0.01
M2/M1 [%]		50.7
Dist 3dB Peak [mm]		6.5



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ID: 019

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Bottom Surface_CH 163_0mm_Ant Mimo

Ambient temperature: 22.9°C; Liquid temperature: 21.2°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	5815.0, 163	5.01	5.278	35.003

Hardware Setup

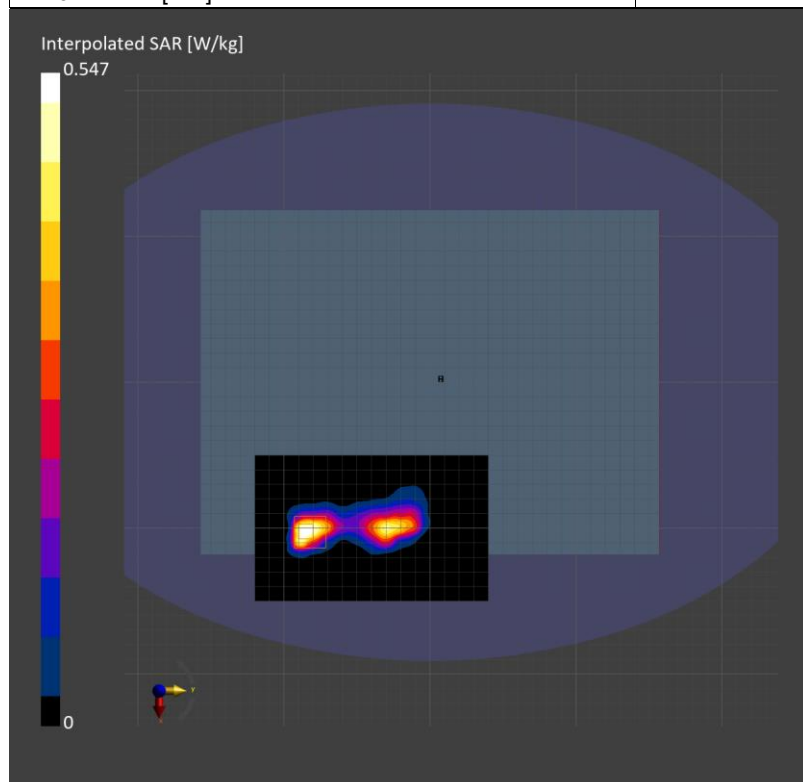
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 160.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-18	2026-04-18
psSAR1g [W/kg]	0.408	0.495
psSAR8g [W/kg]	0.159	0.166
psSAR10g [W/kg]	0.140	0.143
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		5.7



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f (886-2) 2298-0488

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ID: 020

Report No. :TESA2604000234EN

Measurement Report_U-NII-5 802.11be (320M) 6.2G_Body_Bottom Surface_CH 31_0mm_Ant Main

Ambient temperature: 22.1°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	6105.0, 31	5.34	5.577	34.665

Hardware Setup

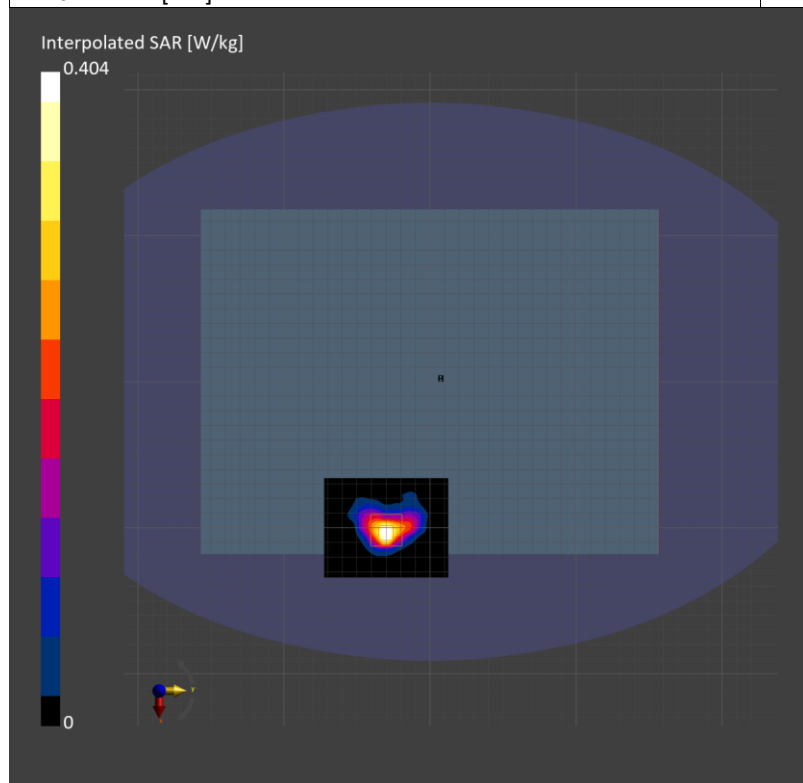
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 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 [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.298	0.328
psSAR8g [W/kg]	0.111	0.114
psSAR10g [W/kg]	0.097	0.10
psPDab (4.0cm2, sq) [W/m2]		2.29
Power Drift [dB]	-0.05	-0.05
M2/M1 [%]		55.5
Dist 3dB Peak [mm]		5.7



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f (886-2) 2298-0488

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ID: 021

Report No. :TESA2604000234EN

Measurement Report_U-NII-6 802.11be (320M) 6.5G_Body_Bottom Surface_CH 95_0mm_Ant Main

Ambient temperature: 22.1°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	6425.0, 95	5.34	5.912	34.281

Hardware Setup

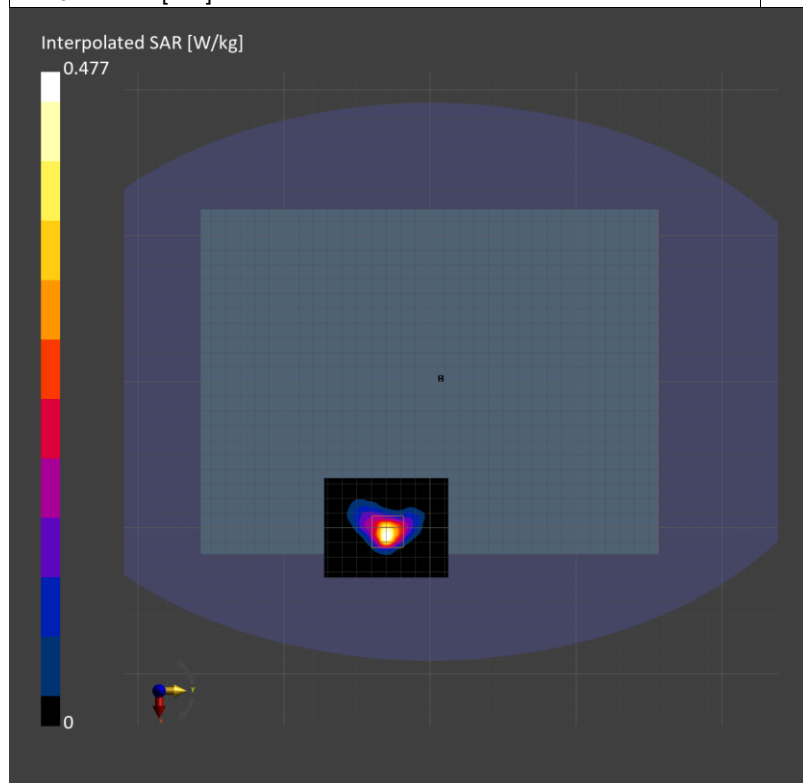
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 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 [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.343	0.382
psSAR8g [W/kg]	0.118	0.120
psSAR10g [W/kg]	0.103	0.102
psPDab (4.0cm2, sq) [W/m2]		2.40
Power Drift [dB]	-0.02	0.02
M2/M1 [%]		53.3
Dist 3dB Peak [mm]		6.1



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f (886-2) 2298-0488

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ID: 022

Report No. :TESA2604000234EN

Measurement Report_U-NII-7 802.11be (320M) 6.7G_Body_Bottom Surface_CH 159_0mm_Ant Main

Ambient temperature: 22.1°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	6745.0, 159	5.34	6.250	33.897

Hardware Setup

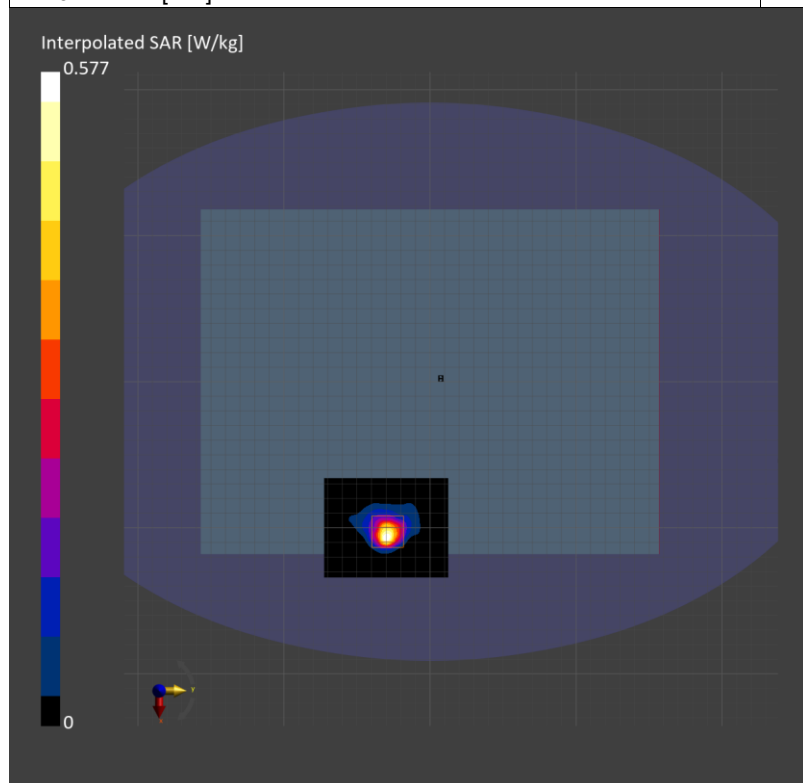
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 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 [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.415	0.442
psSAR8g [W/kg]	0.138	0.136
psSAR10g [W/kg]	0.119	0.115
psPDab (4.0cm2, sq) [W/m2]		2.72
Power Drift [dB]	-0.02	0.04
M2/M1 [%]		51.3
Dist 3dB Peak [mm]		6.1



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ID: 023

Report No. :TESA2604000234EN

Measurement Report_U-NII-8 802.11be (320M) 7.0G_Body_Bottom Surface_CH 191_0mm_Ant Main

Ambient temperature: 23.0°C; Liquid temperature: 21.9°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	5.57	6.421	33.705

Hardware Setup

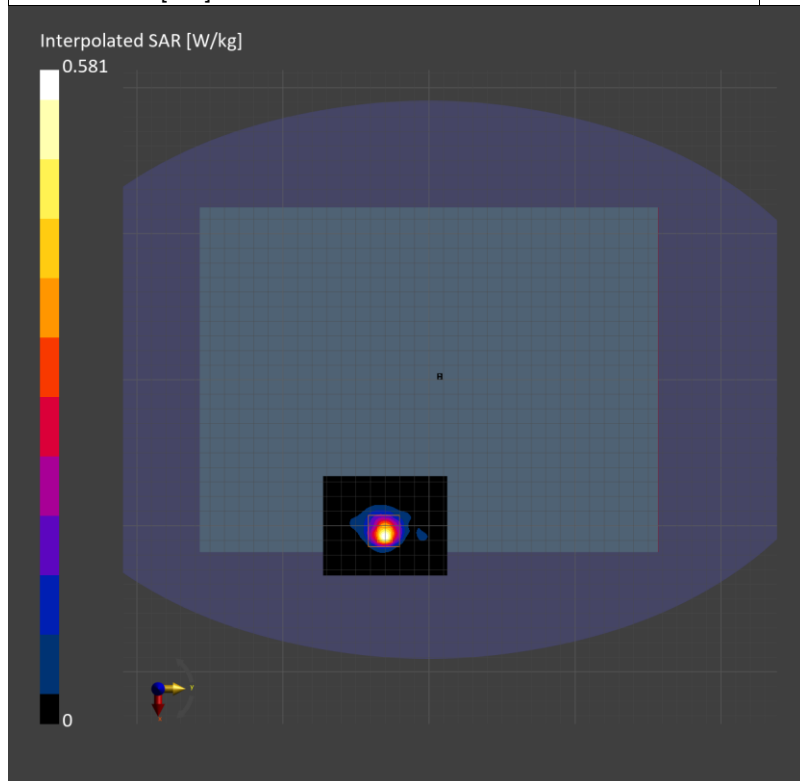
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 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 [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-20	2026-04-20
psSAR1g [W/kg]	0.407	0.433
psSAR8g [W/kg]	0.131	0.134
psSAR10g [W/kg]	0.113	0.113
psPDab (4.0cm2, sq) [W/m2]		2.68
Power Drift [dB]	-0.02	0.03
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		5.9



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Report No. :TESA2604000234EN

Measurement Report_U-NII-5 802.11be (320M) 6.2G_Body_Bottom Surface_CH 63_0mm_Ant Aux

Ambient temperature: 22.1°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	6265.0, 63	5.34	5.744	34.473

Hardware Setup

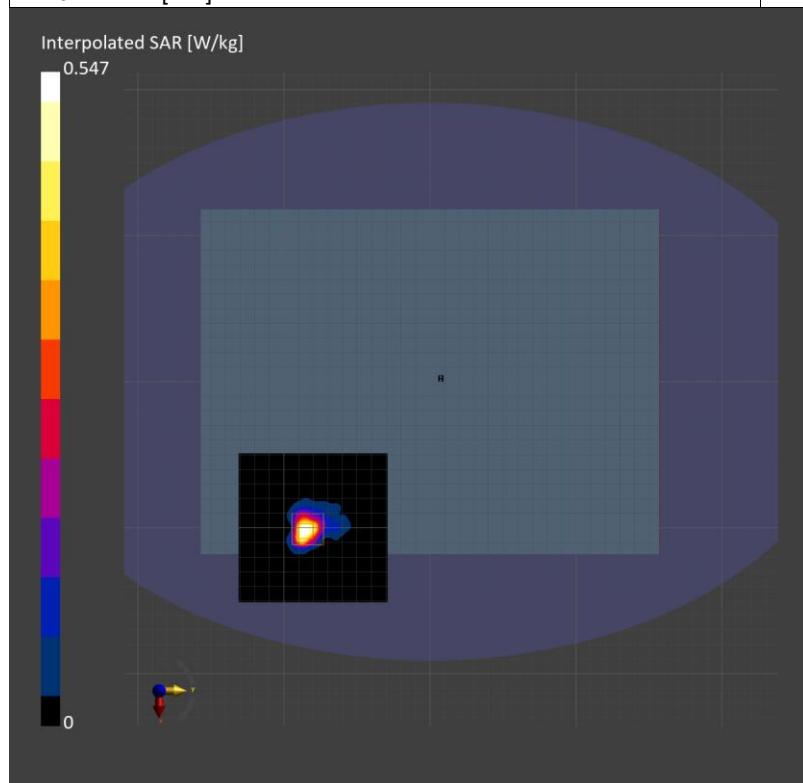
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
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	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.402	0.451
psSAR8g [W/kg]	0.134	0.140
psSAR10g [W/kg]	0.115	0.120
psPDab (4.0cm2, sq) [W/m2]		2.79
Power Drift [dB]	-0.03	-0.05
M2/M1 [%]		57.3
Dist 3dB Peak [mm]		6.1



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Report No. :TESA2604000234EN

Measurement Report_U-NII-6 802.11be (320M) 6.5G_Body_Bottom Surface_CH 95_0mm_Ant Aux

Ambient temperature: 22.1°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	6425.0, 95	5.34	5.912	34.281

Hardware Setup

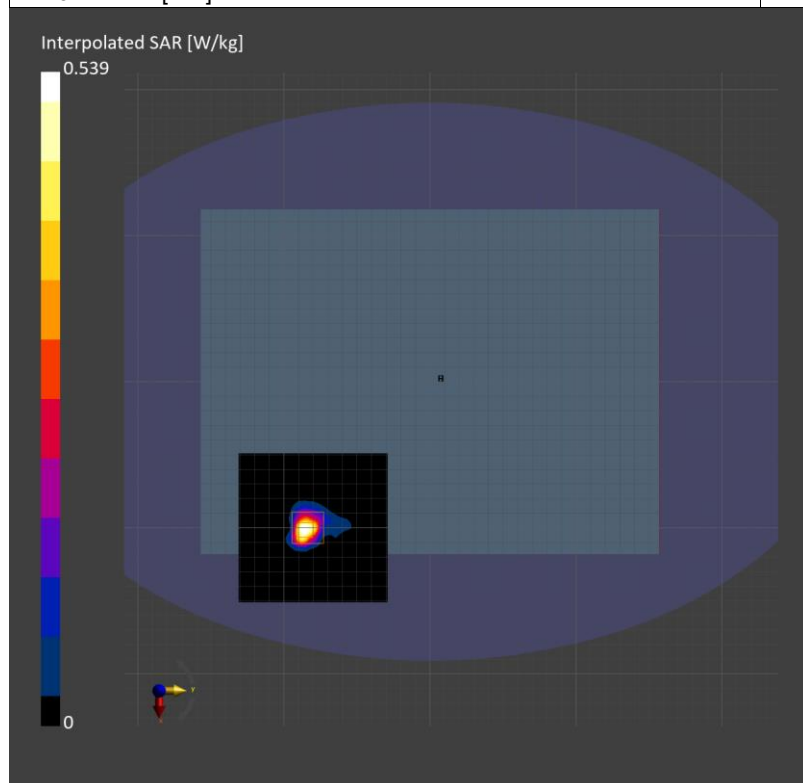
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
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	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.395	0.444
psSAR8g [W/kg]	0.130	0.143
psSAR10g [W/kg]	0.112	0.123
psPDab (4.0cm2, sq) [W/m2]		2.86
Power Drift [dB]	-0.03	0.01
M2/M1 [%]		56.3
Dist 3dB Peak [mm]		6.5



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f (886-2) 2298-0488

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ID: 026

Report No. :TESA2604000234EN

Measurement Report_U-NII-7 802.11be (320M) 6.7G_Body_Bottom Surface_CH 127_0mm_Ant Aux

Ambient temperature: 22.1°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	6585.0, 127	5.34	6.080	34.089

Hardware Setup

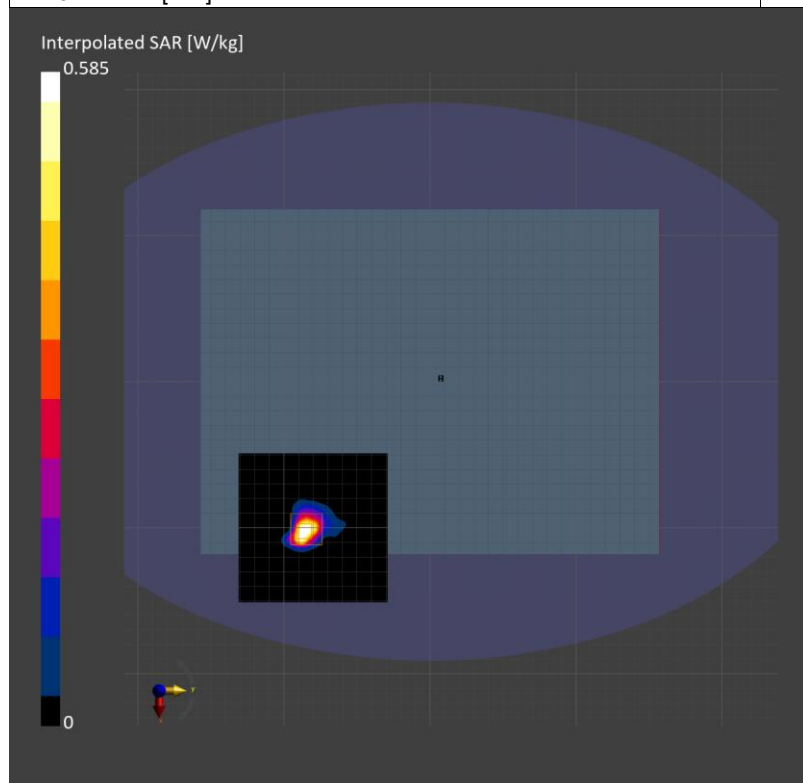
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
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	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.446	0.473
psSAR8g [W/kg]	0.150	0.157
psSAR10g [W/kg]	0.130	0.135
psPDab (4.0cm2, sq) [W/m2]		3.15
Power Drift [dB]	0.05	0.04
M2/M1 [%]		53.0
Dist 3dB Peak [mm]		6.1



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f (886-2) 2298-0488

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ID: 027

Report No. :TESA2604000234EN

Measurement Report_U-NII-8 802.11be (320M) 7.0G_Body_Bottom Surface_CH 191_0mm_Ant Aux

Ambient temperature: 23.0°C; Liquid temperature: 21.9°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	5.57	6.421	33.705

Hardware Setup

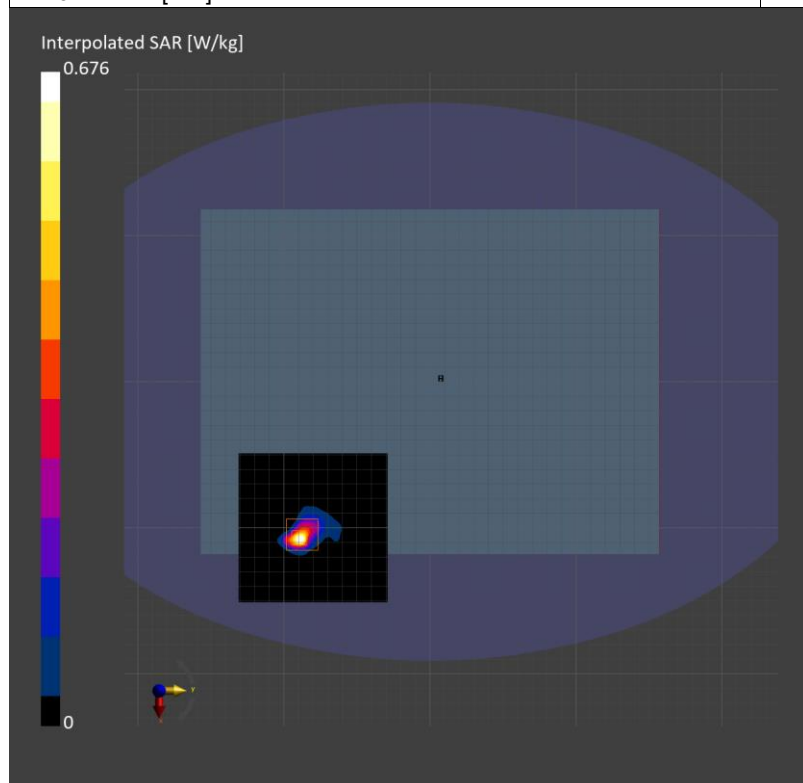
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
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	2026-04-20	2026-04-20
psSAR1g [W/kg]	0.446	0.45
psSAR8g [W/kg]	0.131	0.132
psSAR10g [W/kg]	0.112	0.112
psPDab (4.0cm2, sq) [W/m2]		2.65
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		52.9
Dist 3dB Peak [mm]		4.9



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台灣檢驗科技股份有限公司

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f (886-2) 2298-0488

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ID: 028

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11b_Body_Back Surface_CH 11_0mm_Ant Main

Ambient temperature: 22.3°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	2462.0, 11	7.53	1.836	38.905

Hardware Setup

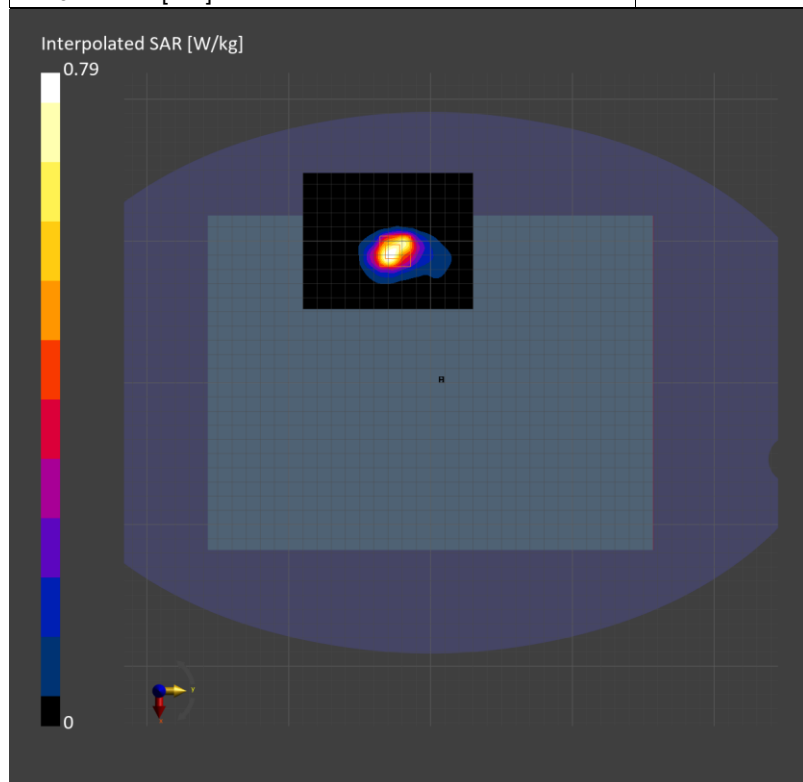
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 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	2026-04-14	2026-04-14
psSAR1g [W/kg]	0.606	0.655
psSAR8g [W/kg]	0.317	0.323
psSAR10g [W/kg]	0.287	0.292
Power Drift [dB]	-0.04	-0.02
M2/M1 [%]		53.1
Dist 3dB Peak [mm]		6.4



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f (886-2) 2298-0488

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ID: 029

Report No. :TESA2604000234EN

Measurement Report_Bluetooth(GFSK)_Body_Back Surface_CH 00_0mm_Ant Main

Ambient temperature: 22.3°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	2402.0, 0	7.53	1.783	39.005

Hardware Setup

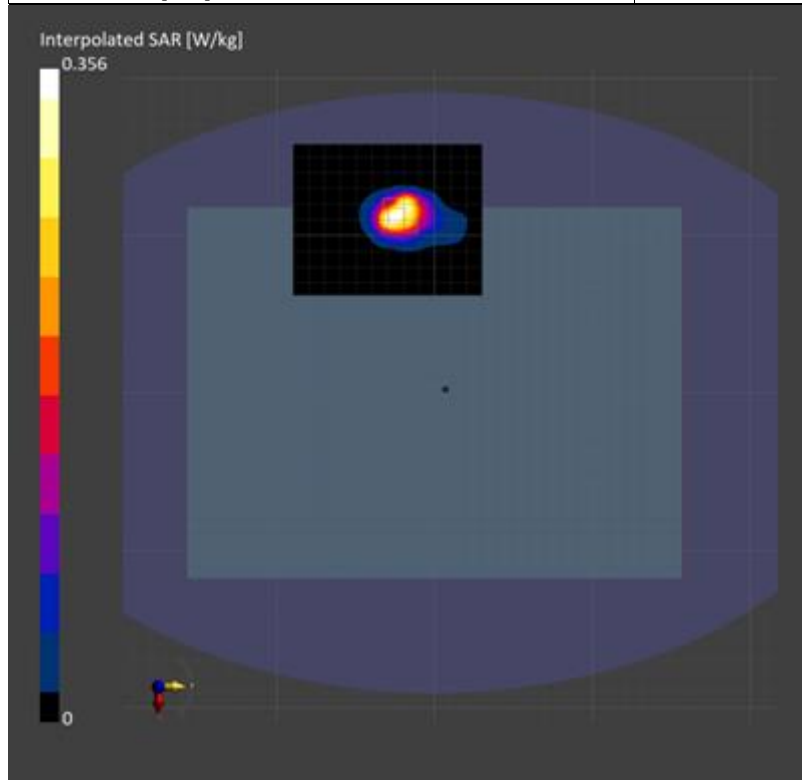
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	56.0 x 72.0	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	2026-04-14	2026-04-14
psSAR1g [W/kg]	0.181	0.183
psSAR8g [W/kg]	0.082	0.083
psSAR10g [W/kg]	0.078	0.071
Power Drift [dB]	-0.02	-0.04
M2/M1 [%]		53.1
Dist 3dB Peak [mm]		5.9



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ID: 030

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Back Surface_CH 50_0mm_Ant Main

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5250.0, 50	5.62	4.699	35.649

Hardware Setup

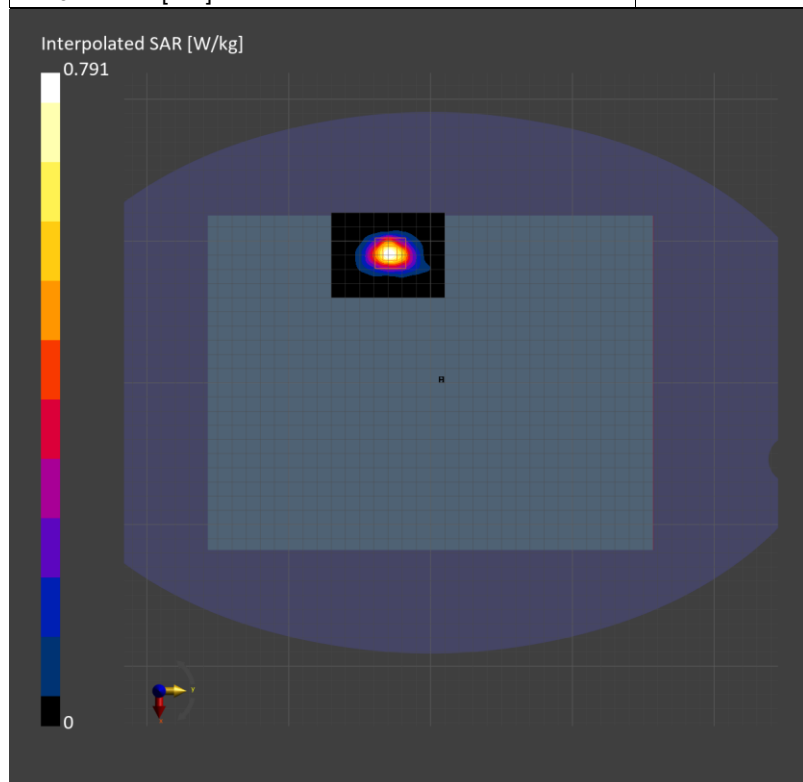
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 x 80.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.553	0.585
psSAR8g [W/kg]	0.216	0.225
psSAR10g [W/kg]	0.190	0.198
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		52.9
Dist 3dB Peak [mm]		5.7



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ID: 031

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Back Surface_CH 58_0mm_Ant Main

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5.62	4.740	35.603

Hardware Setup

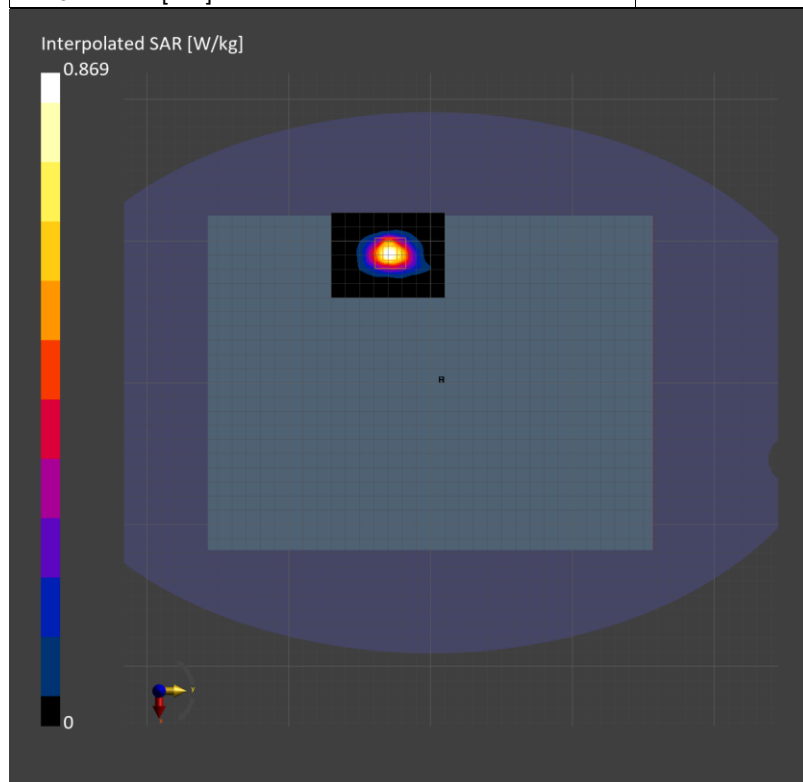
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 x 80.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.609	0.679
psSAR8g [W/kg]	0.237	0.266
psSAR10g [W/kg]	0.209	0.234
Power Drift [dB]	0.03	0.04
M2/M1 [%]		52.7
Dist 3dB Peak [mm]		6.4



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Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Back Surface_CH 114_0mm_Ant Main

Ambient temperature: 22.5°C; Liquid temperature: 21.5°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	5570.0, 114	5.17	5.027	35.283

Hardware Setup

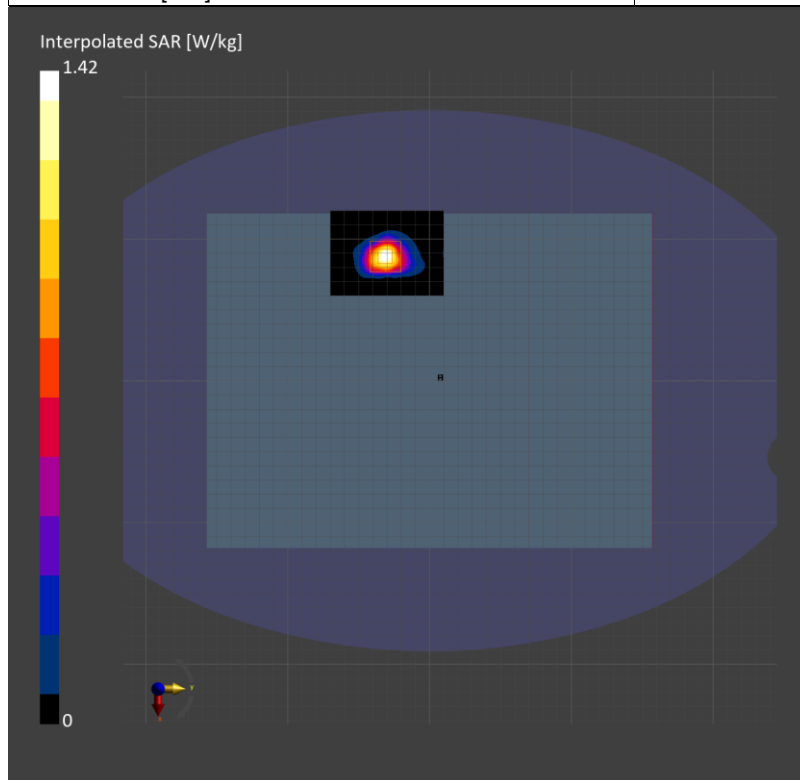
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-16	2026-04-16
psSAR1g [W/kg]	1.01	1.03
psSAR8g [W/kg]	0.392	0.424
psSAR10g [W/kg]	0.344	0.374
Power Drift [dB]	0.03	0.03
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		6.6



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ID: 033

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Back Surface_CH 155_0mm_Ant Main

Ambient temperature: 22.8°C; Liquid temperature: 21.7°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	5.17	5.237	35.049

Hardware Setup

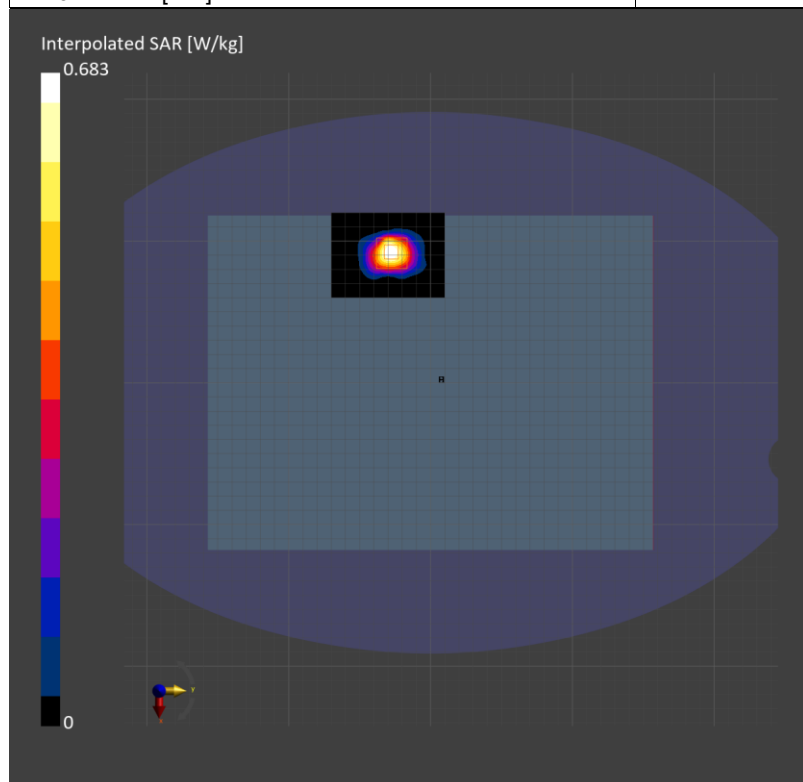
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-17	2026-04-17
psSAR1g [W/kg]	0.511	0.579
psSAR8g [W/kg]	0.212	0.235
psSAR10g [W/kg]	0.188	0.206
Power Drift [dB]	0.02	0.05
M2/M1 [%]		54.3
Dist 3dB Peak [mm]		5.6



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 034

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Back Surface_CH 163_0mm_Ant Main

Ambient temperature: 22.9°C; Liquid temperature: 21.2°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	5.01	5.278	35.003

Hardware Setup

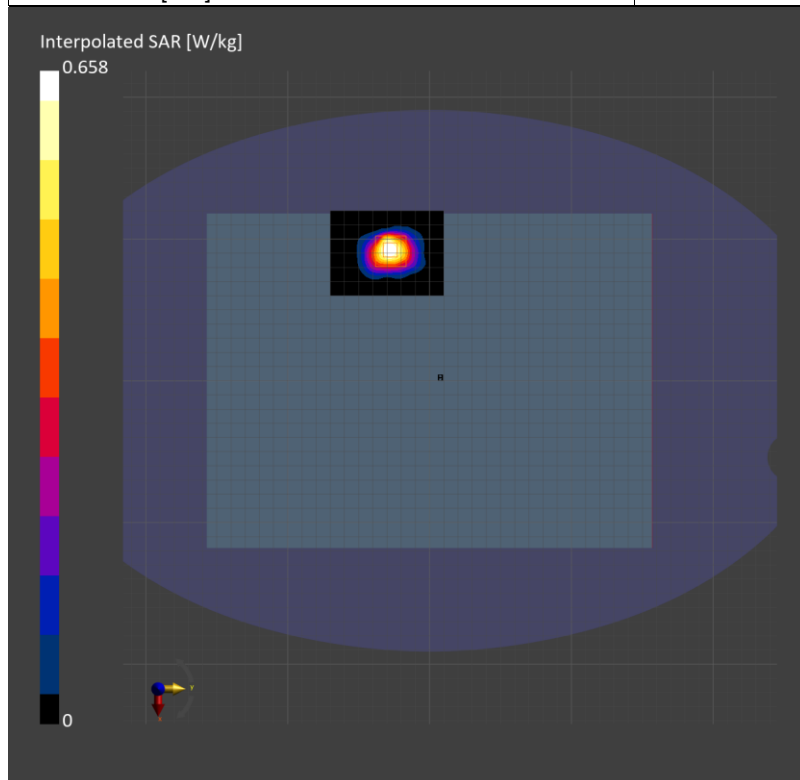
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-18	2026-04-18
psSAR1g [W/kg]	0.495	0.582
psSAR8g [W/kg]	0.205	0.233
psSAR10g [W/kg]	0.182	0.206
Power Drift [dB]	0.04	0.03
M2/M1 [%]		54.6
Dist 3dB Peak [mm]		5.6



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f (886-2) 2298-0488

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ID: 035

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11b_Body_Back Surface_CH 1_0mm_Ant Aux

Ambient temperature: 22.3°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	2412.0, 1	7.53	1.792	38.988

Hardware Setup

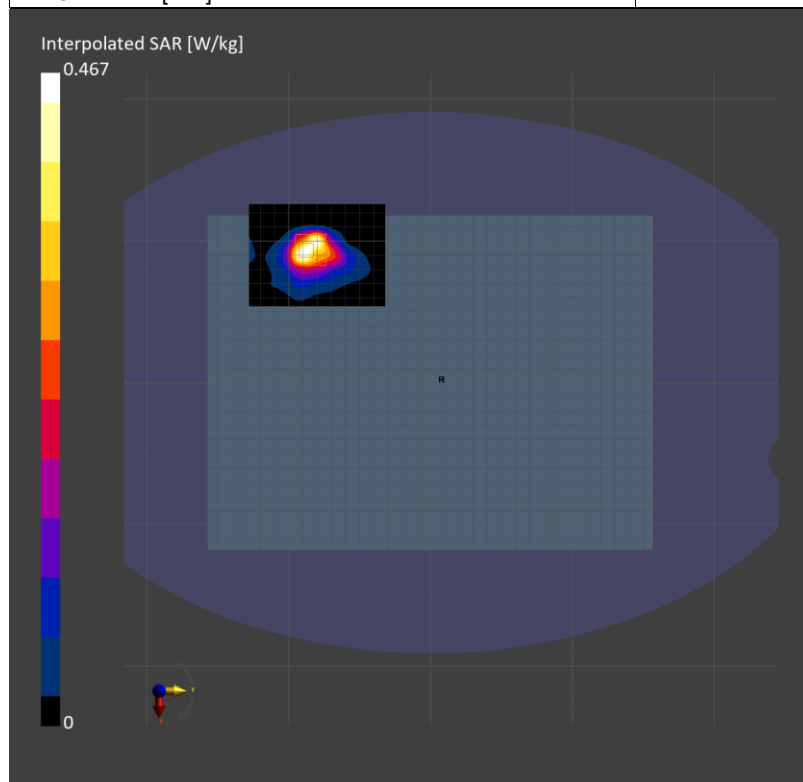
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 x 80.0	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	2026-04-14	2026-04-14
psSAR1g [W/kg]	0.358	0.448
psSAR8g [W/kg]	0.197	0.215
psSAR10g [W/kg]	0.180	0.193
Power Drift [dB]	-0.04	-0.02
M2/M1 [%]		51.1
Dist 3dB Peak [mm]		5.9



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f (886-2) 2298-0488

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ID: 036

Report No. :TESA2604000234EN

Measurement Report_Bluetooth(GFSK)_Body_Back Surface_CH 39_0mm_Ant Aux

Ambient temperature: 22.3°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	2441.0, 39	7.53	1.817	38.936

Hardware Setup

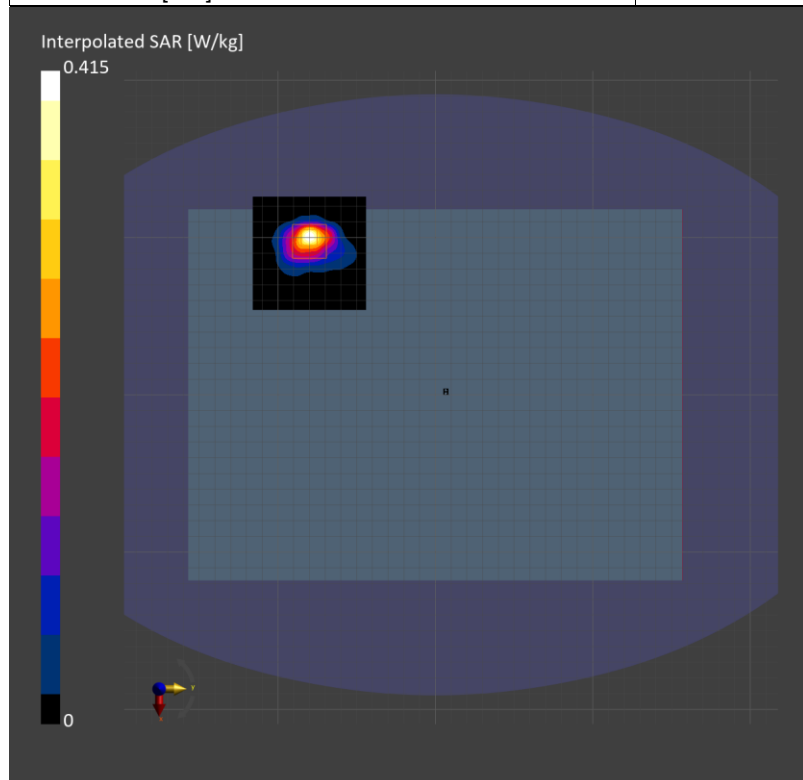
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 72.0	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	2026-04-14	2026-04-14
psSAR1g [W/kg]	0.207	0.202
psSAR8g [W/kg]	0.071	0.076
psSAR10g [W/kg]	0.066	0.069
Power Drift [dB]	0.05	0.03
M2/M1 [%]		53.2
Dist 3dB Peak [mm]		5.4



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f (886-2) 2298-0488

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ID: 037

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Back Surface_CH 50_0mm_Ant Aux

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5250.0, 50	5.62	4.70	35.6

Hardware Setup

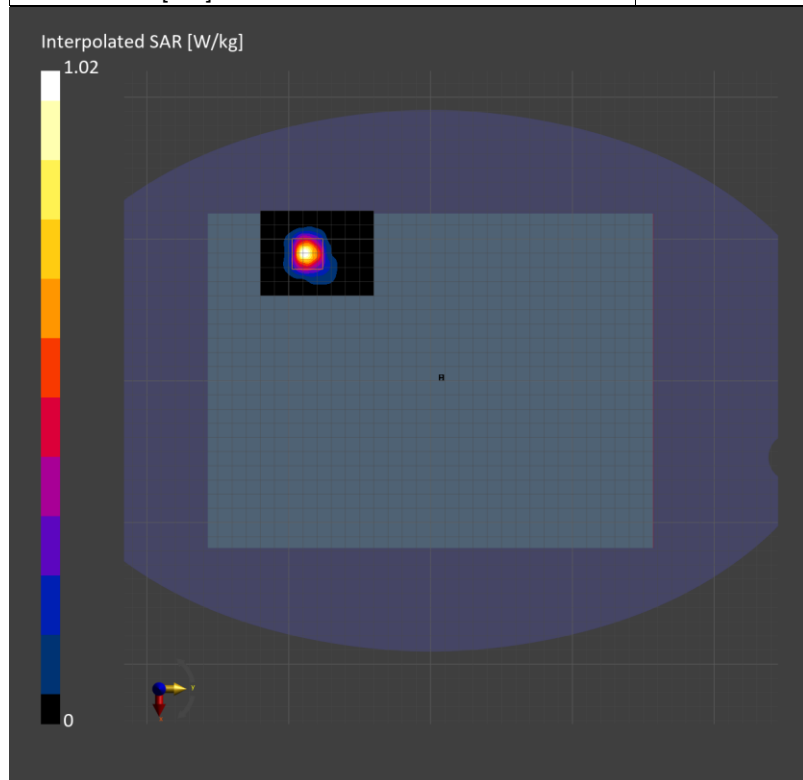
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.663	0.725
psSAR8g [W/kg]	0.241	0.261
psSAR10g [W/kg]	0.210	0.227
Power Drift [dB]	0.02	0.05
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		6.4



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f (886-2) 2298-0488

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Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Back Surface_CH 58_0mm_Ant Aux

Ambient temperature: 22.6 °C; Liquid temperature: 21.4°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	5.62	4.740	35.603

Hardware Setup

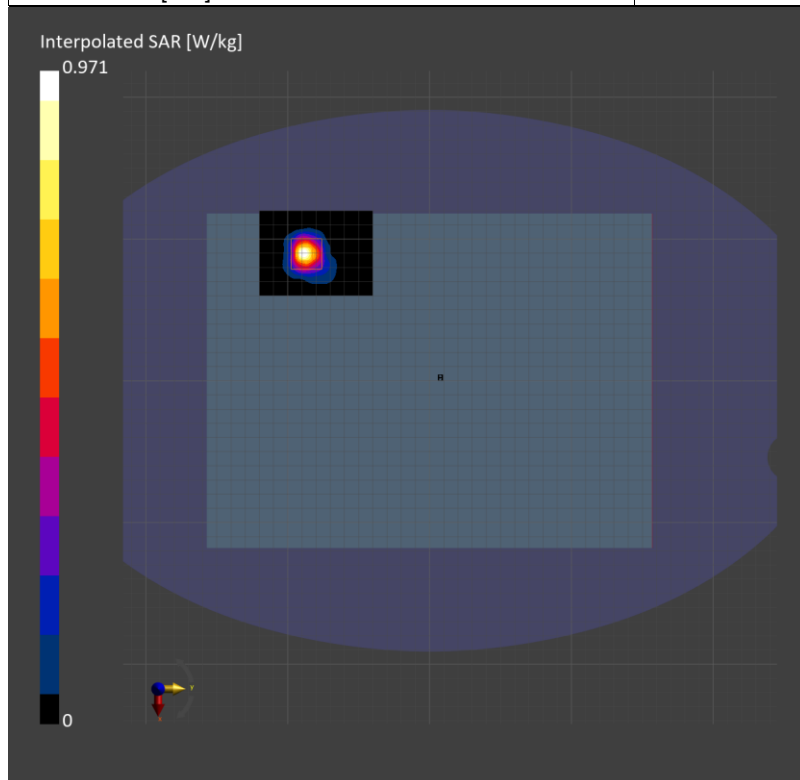
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.637	0.698
psSAR8g [W/kg]	0.232	0.251
psSAR10g [W/kg]	0.202	0.218
Power Drift [dB]	0.03	0.04
M2/M1 [%]		51.3
Dist 3dB Peak [mm]		6.4



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t (886-2) 2299-3279

f (886-2) 2298-0488

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Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Back Surface_CH 114_0mm_Ant Aux

Ambient temperature: 22.5°C; Liquid temperature: 21.5°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	5570.0, 114	5.17	5.027	35.283

Hardware Setup

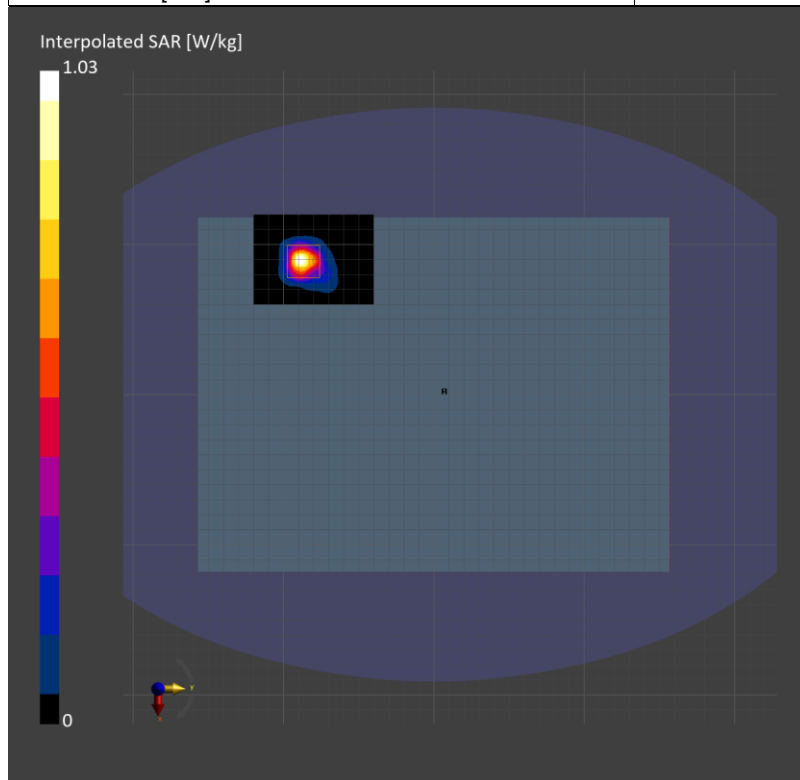
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-16	2026-04-16
psSAR1g [W/kg]	0.676	0.720
psSAR8g [W/kg]	0.239	0.257
psSAR10g [W/kg]	0.208	0.222
Power Drift [dB]	0.02	0.05
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		6.1



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f (886-2) 2298-0488

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Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Back Surface_CH 155_0mm_Ant Aux

Ambient temperature: 22.8°C; Liquid temperature: 21.7°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	5.17	5.237	35.049

Hardware Setup

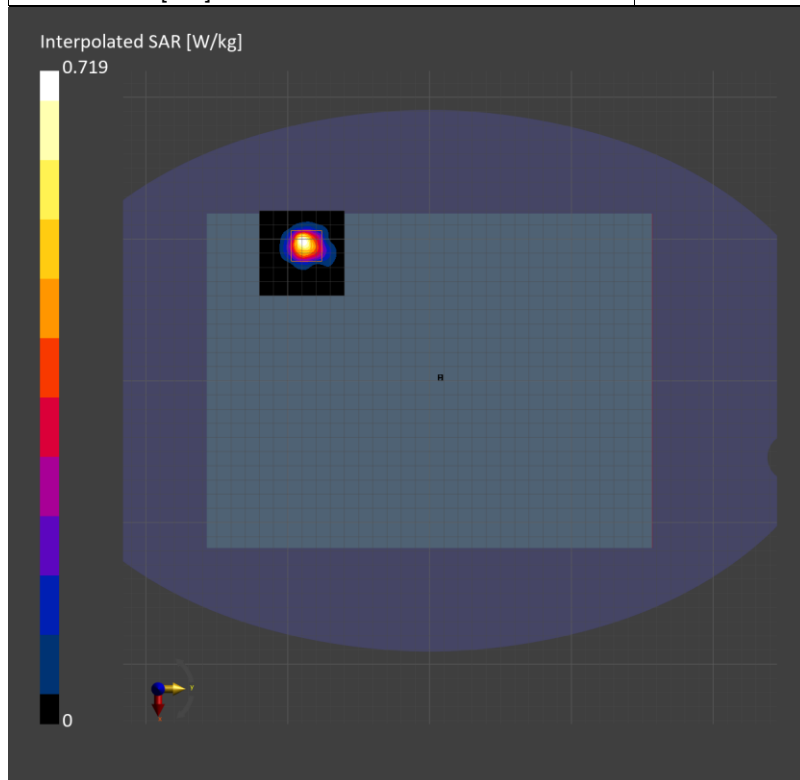
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 60.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-17	2026-04-17
psSAR1g [W/kg]	0.489	0.497
psSAR8g [W/kg]	0.174	0.181
psSAR10g [W/kg]	0.150	0.156
Power Drift [dB]	0.01	-0.02
M2/M1 [%]		54.7
Dist 3dB Peak [mm]		6.1



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ID: 041

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Back Surface_CH 163_0mm_Ant Aux

Ambient temperature: 22.9°C; Liquid temperature: 21.2°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	5.01	5.278	35.003

Hardware Setup

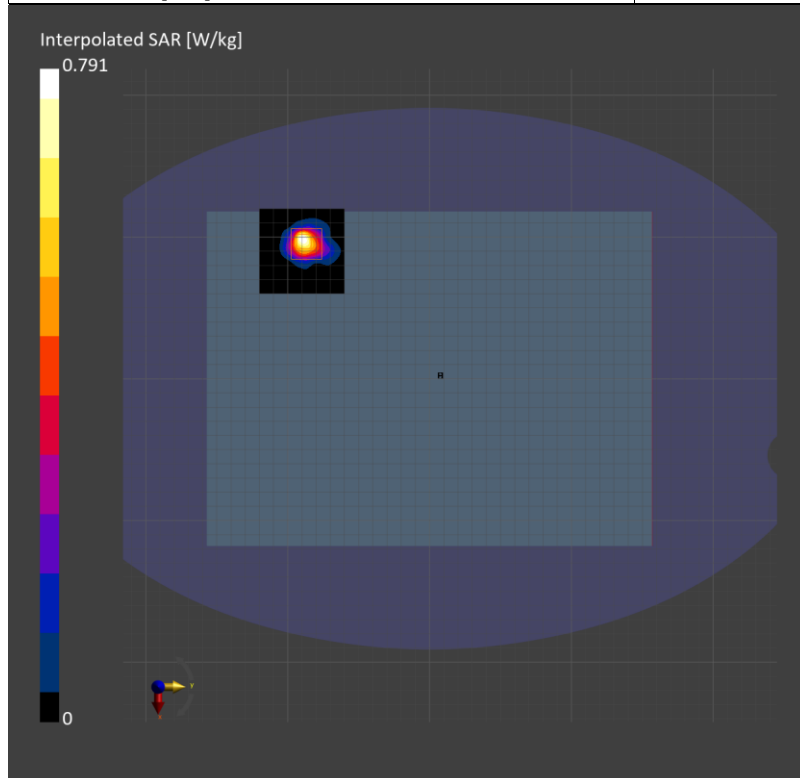
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 60.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-18	2026-04-18
psSAR1g [W/kg]	0.540	0.546
psSAR8g [W/kg]	0.194	0.192
psSAR10g [W/kg]	0.168	0.166
Power Drift [dB]	-0.03	-0.04
M2/M1 [%]		57.4
Dist 3dB Peak [mm]		6.4



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f (886-2) 2298-0488

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ID: 042

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Back Surface_CH 50_0mm_Ant Mimo

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5250.0, 50	5.62	4.699	35.649

Hardware Setup

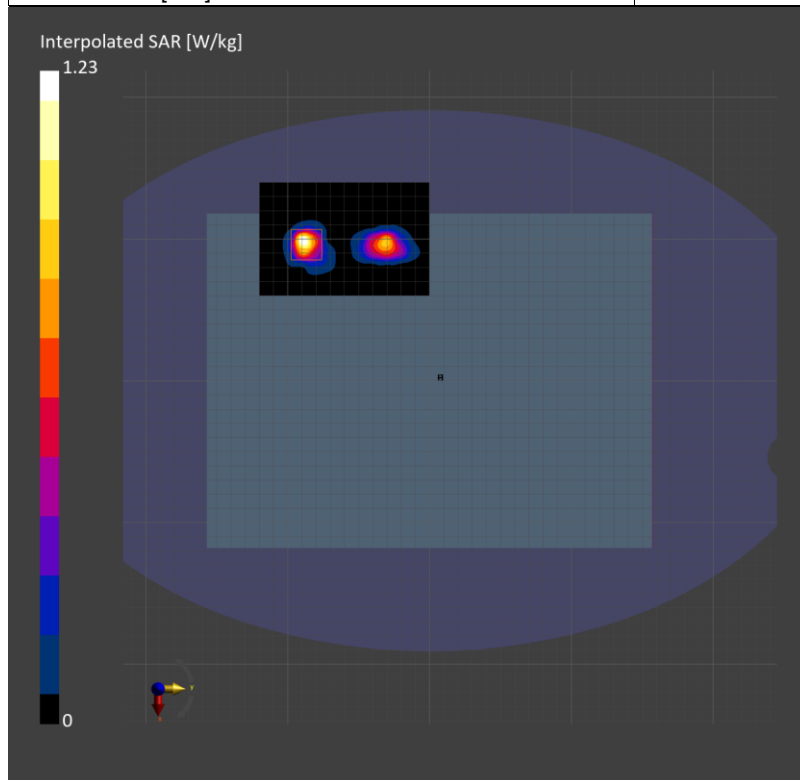
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 119.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.803	0.828
psSAR8g [W/kg]	0.282	0.286
psSAR10g [W/kg]	0.244	0.243
Power Drift [dB]	0.03	0.04
M2/M1 [%]		50.3
Dist 3dB Peak [mm]		6.4



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f (886-2) 2298-0488

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ID: 043

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Back Surface_CH 58_0mm_Ant Mimo

Ambient temperature: 22.6°C; Liquid temperature: 21.4°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	5.62	4.740	35.603

Hardware Setup

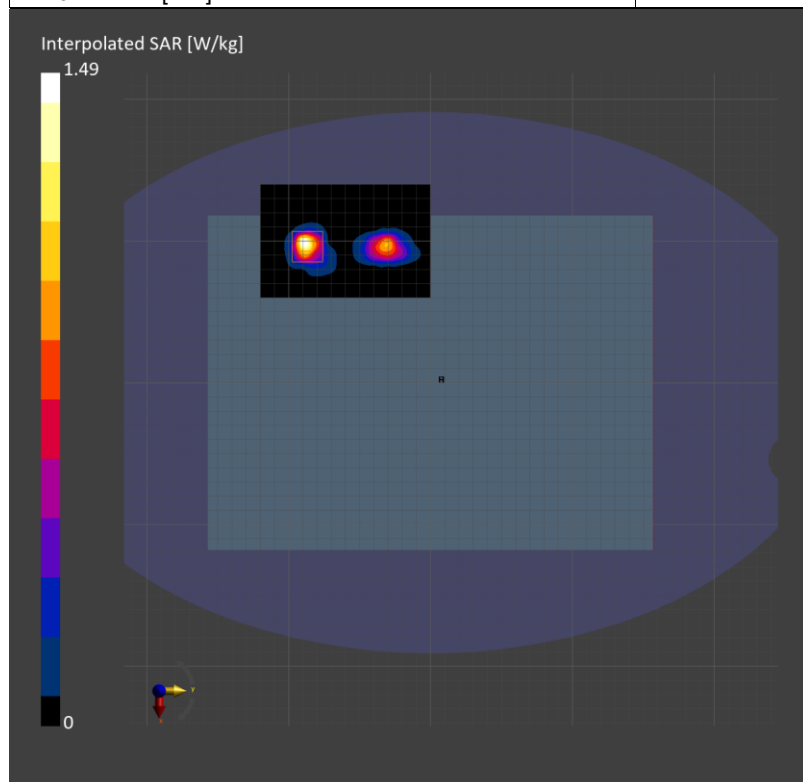
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	0.972	1.00
psSAR8g [W/kg]	0.340	0.350
psSAR10g [W/kg]	0.293	0.298
Power Drift [dB]	0.01	0.03
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		6.4



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f (886-2) 2298-0488

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ID: 044

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Back Surface_CH 114_0mm_Ant Mimo

Ambient temperature: 22.5°C; Liquid temperature: 21.5°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	5570.0, 114	5.17	5.027	35.283

Hardware Setup

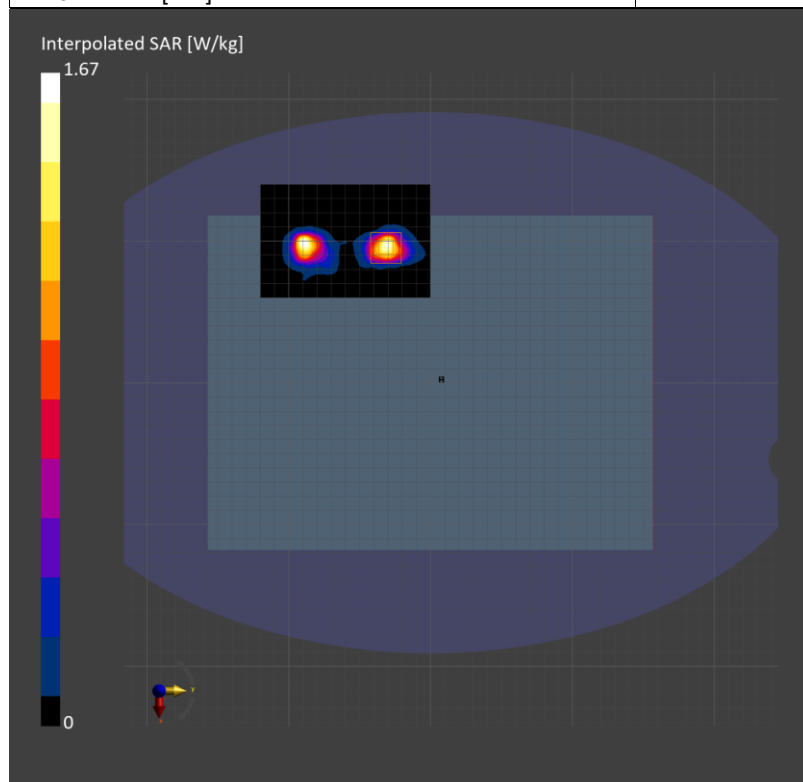
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-16	2026-04-16
psSAR1g [W/kg]	1.11	1.08
psSAR8g [W/kg]	0.417	0.399
psSAR10g [W/kg]	0.363	0.340
Power Drift [dB]	0.01	0.04
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		5.6



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f (886-2) 2298-0488

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ID: 045

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Back Surface_CH 155_0mm_Ant Mimo

Ambient temperature: 22.8°C; Liquid temperature: 21.7°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	5.17	5.237	35.049

Hardware Setup

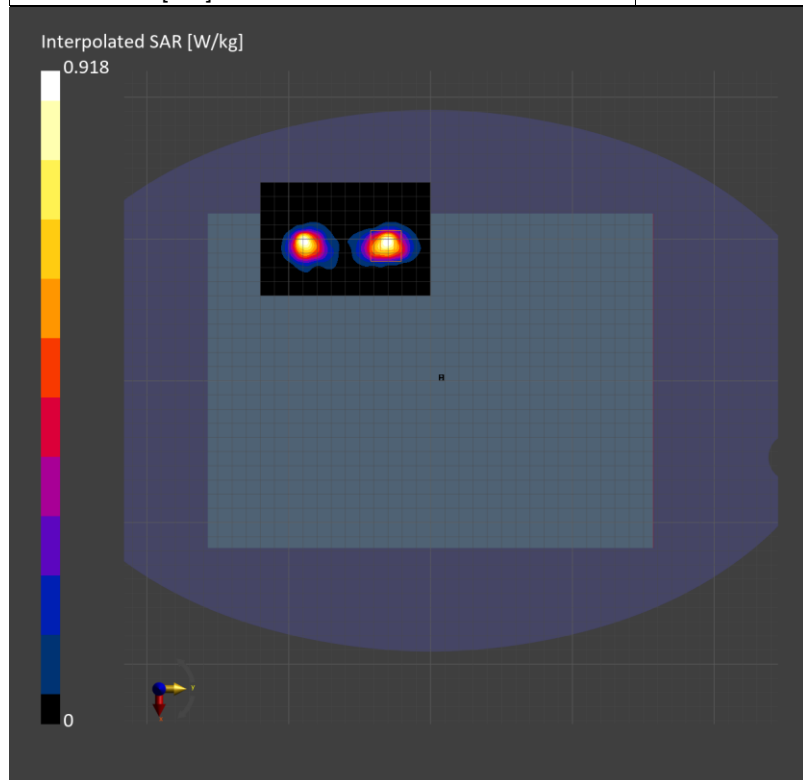
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 120.0	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 Results

	Area Scan	Zoom Scan
Date	2026-04-17	2026-04-17
psSAR1g [W/kg]	0.641	0.619
psSAR8g [W/kg]	0.239	0.250
psSAR10g [W/kg]	0.208	0.220
Power Drift [dB]	0.04	0.03
M2/M1 [%]		52.6
Dist 3dB Peak [mm]		6.6



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台灣檢驗科技股份有限公司

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f (886-2) 2298-0488

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ID: 046

Report No. :TESA2604000234EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Back Surface_CH 163_0mm_Ant Mimo

Ambient temperature: 22.9°C; Liquid temperature: 21.2°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	5.01	5.278	35.003

Hardware Setup

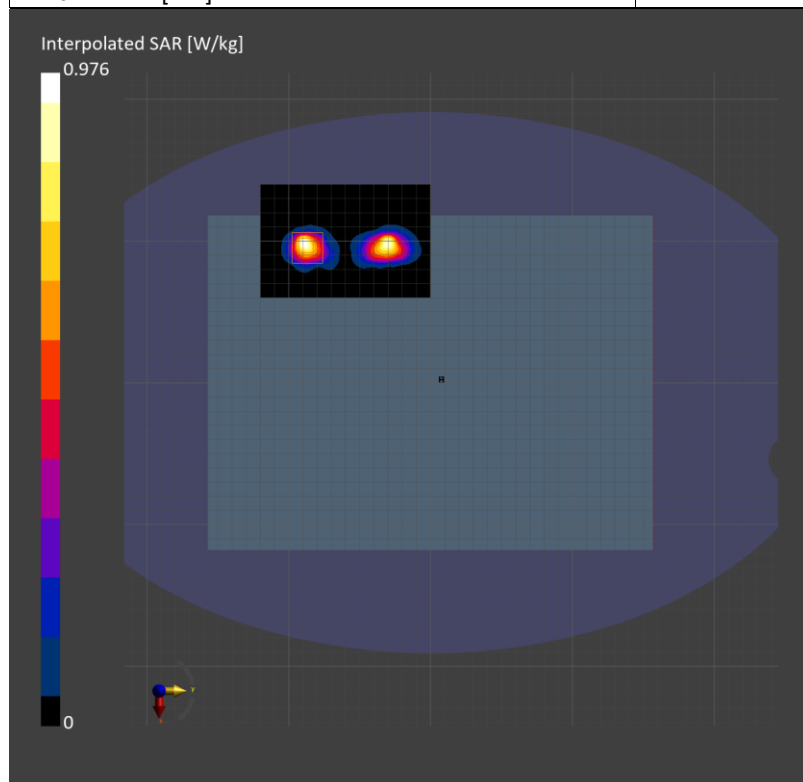
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 119.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-18	2026-04-18
psSAR1g [W/kg]	0.658	0.639
psSAR8g [W/kg]	0.237	0.225
psSAR10g [W/kg]	0.206	0.194
Power Drift [dB]	0.04	0.02
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		6.4



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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 047

Report No. :TESA2604000234EN

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Back Surface_CH 31_0mm_Ant Main

Ambient temperature: 22.4°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	6105.0, 31	5.34	5.577	34.665

Hardware Setup

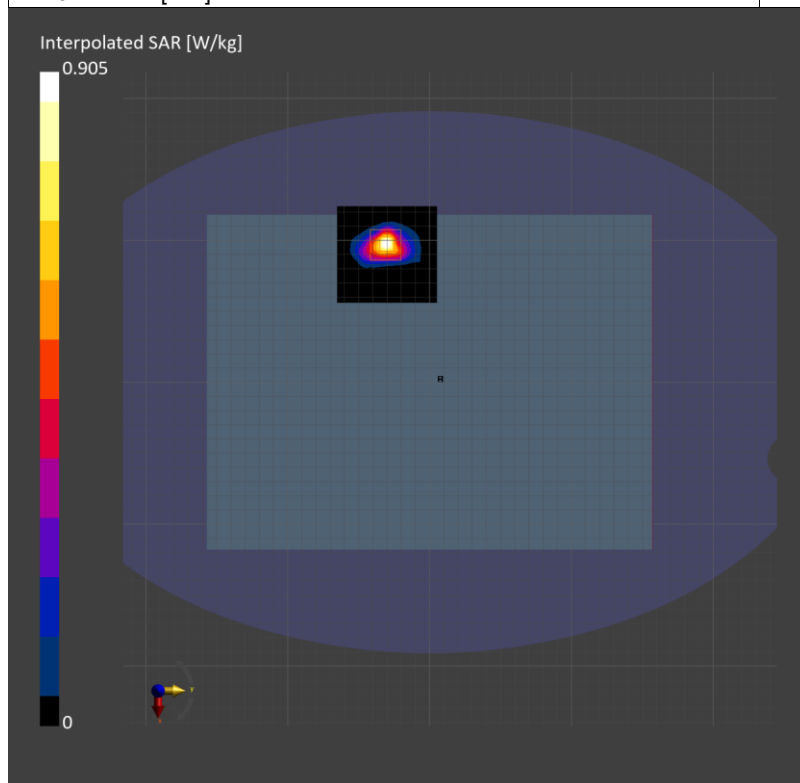
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 68.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.8	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.609	0.633
psSAR8g [W/kg]	0.222	0.219
psSAR10g [W/kg]	0.194	0.192
psPDab (4.0cm2, sq) [W/m2]		4.38
Power Drift [dB]	-0.04	-0.01
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		5.5



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f (886-2) 2298-0488

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Report No. :TESA2604000234EN

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Back Surface_CH 95_0mm_Ant Main

Ambient temperature: 22.4°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	6425.0, 95	5.34	5.912	34.281

Hardware Setup

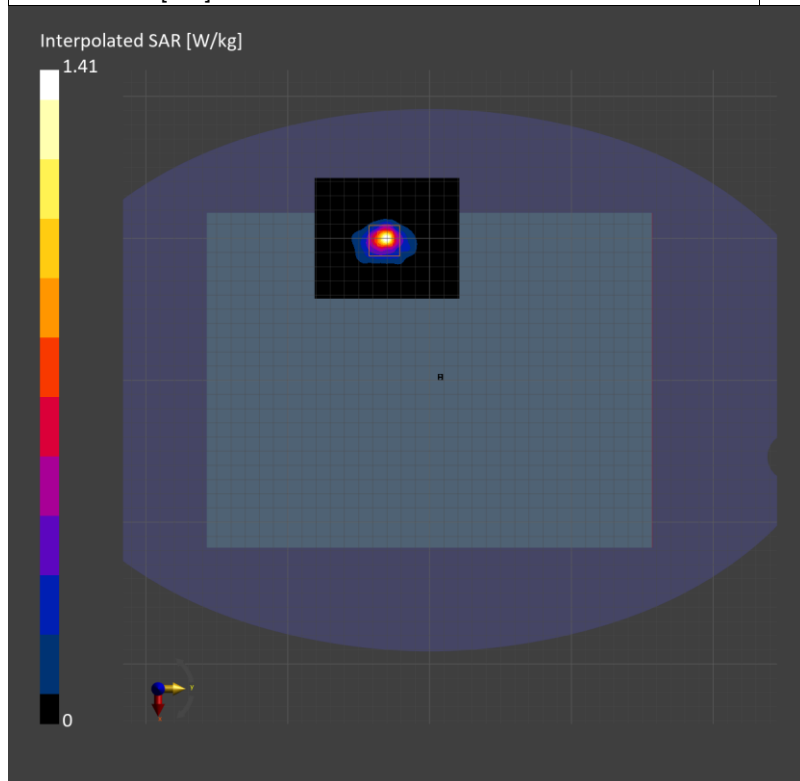
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
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 [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.870	0.937
psSAR8g [W/kg]	0.274	0.277
psSAR10g [W/kg]	0.237	0.238
psPDab (4.0cm2, sq) [W/m2]		5.54
Power Drift [dB]	0.02	0.05
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		4.8



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ID: 049

Report No. :TESA2604000234EN

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Back Surface_CH 127_0mm_Ant Main

Ambient temperature: 22.4°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	6585.0, 127	5.34	6.080	34.089

Hardware Setup

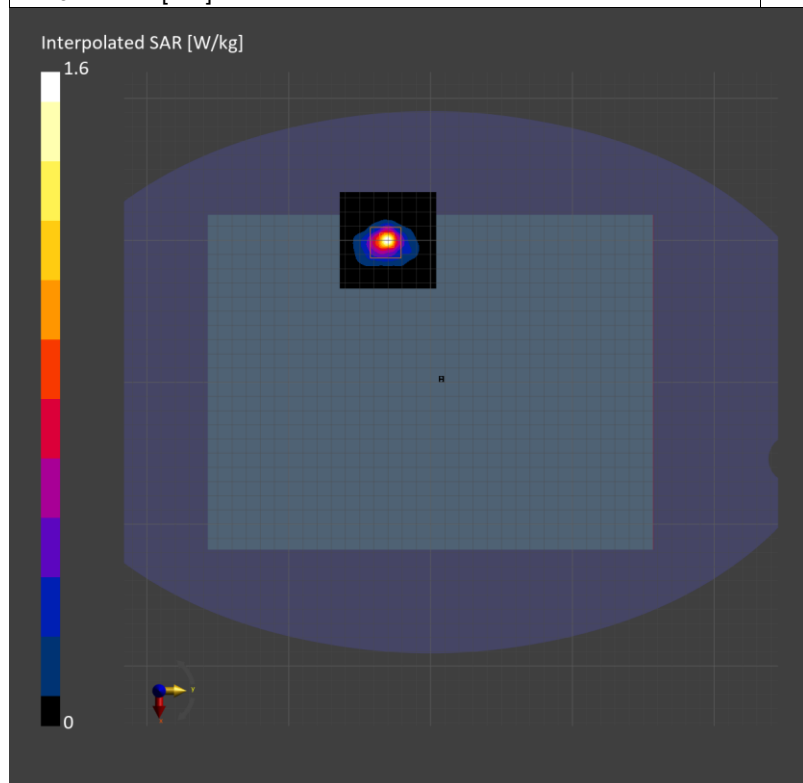
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 68.0	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	2026-04-19	2026-04-19
psSAR1g [W/kg]	1.02	1.11
psSAR8g [W/kg]	0.321	0.327
psSAR10g [W/kg]	0.279	0.281
psPDab (4.0cm2, sq) [W/m2]		6.53
Power Drift [dB]	-0.04	-0.03
M2/M1 [%]		53.3
Dist 3dB Peak [mm]		4.8



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Report No. :TESA2604000234EN

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Back Surface_CH 191_0mm_Ant Main

Ambient temperature: 23.0°C; Liquid temperature: 21.9°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	5.57	6.421	33.705

Hardware Setup

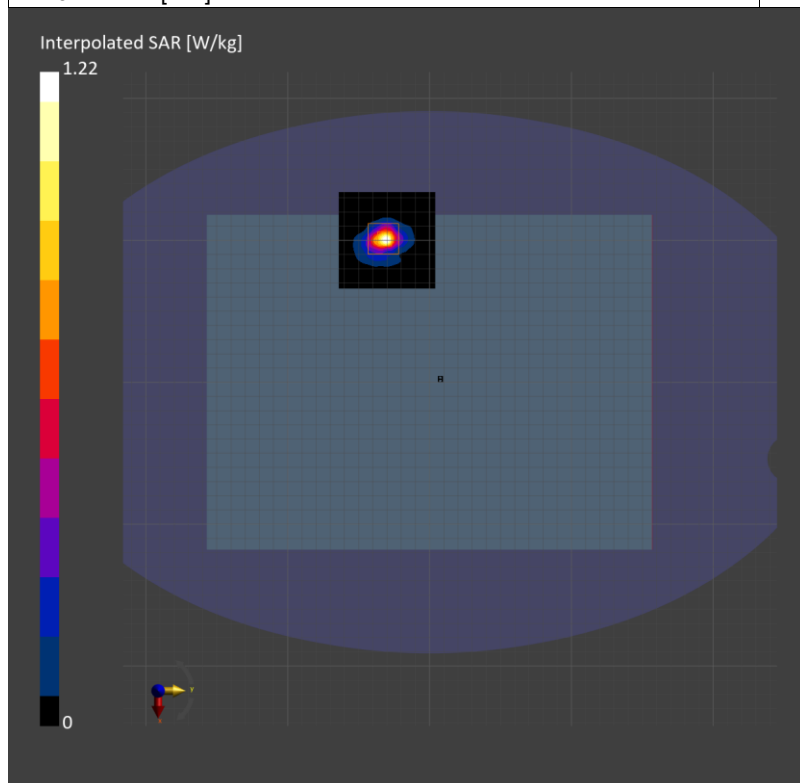
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 68.0	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	2026-04-20	2026-04-20
psSAR1g [W/kg]	0.837	0.957
psSAR8g [W/kg]	0.260	0.263
psSAR10g [W/kg]	0.224	0.225
psPDab (4.0cm2, sq) [W/m2]		5.25
Power Drift [dB]	-0.03	-0.01
M2/M1 [%]		51.3
Dist 3dB Peak [mm]		4.8



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 051

Report No. :TESA2604000234EN

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Back Surface_CH 63_0mm_Ant Aux

Ambient temperature: 22.4°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	6265.0, 63	5.34	5.744	34.473

Hardware Setup

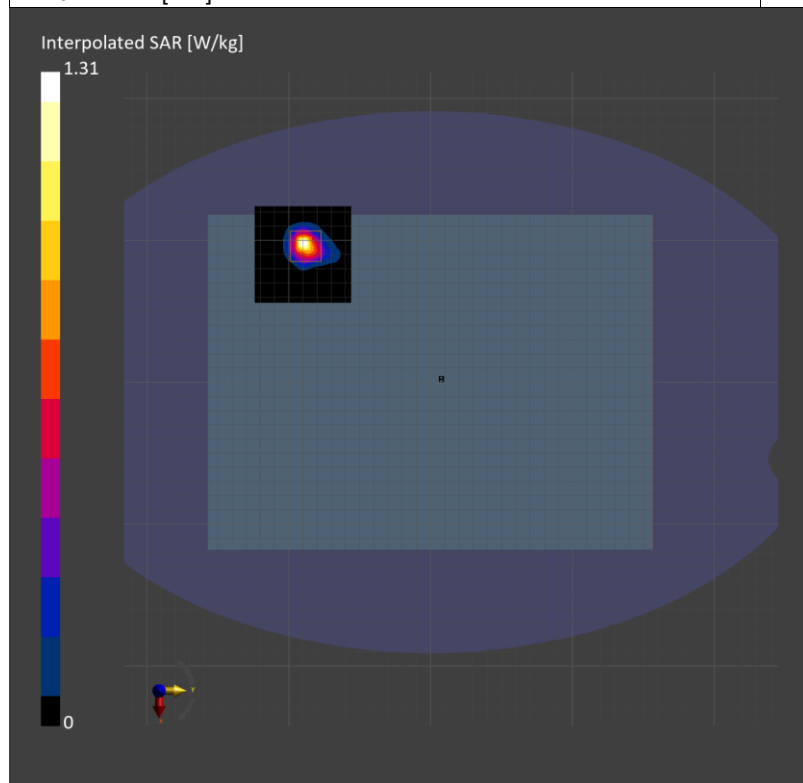
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 68.0	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	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.842	0.862
psSAR8g [W/kg]	0.284	0.286
psSAR10g [W/kg]	0.246	0.246
psPDab (4.0cm2, sq) [W/m2]		5.71
Power Drift [dB]	-0.03	-0.02
M2/M1 [%]		54.0
Dist 3dB Peak [mm]		5.5



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ID: 052

Report No. :TESA2604000234EN

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Back Surface_CH 95_0mm_Ant Aux

Ambient temperature: 22.4°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	6425.0, 95	5.34	5.912	34.281

Hardware Setup

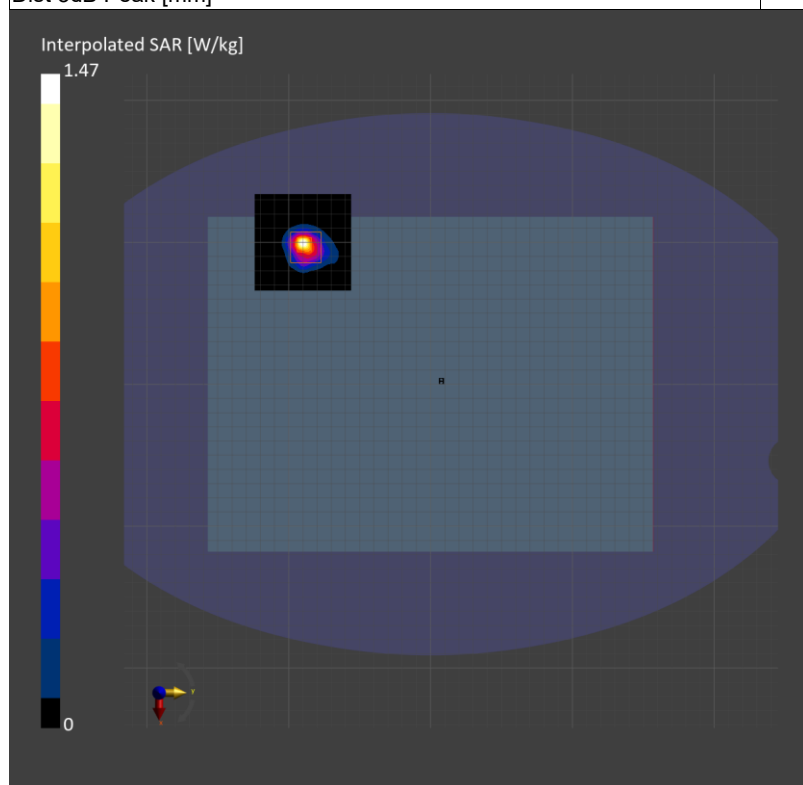
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 68.0	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	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.912	0.925
psSAR8g [W/kg]	0.302	0.297
psSAR10g [W/kg]	0.262	0.254
psPDab (4.0cm2, sq) [W/m2]		5.94
Power Drift [dB]	-0.02	-0.04
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		5.0



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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 053

Report No. :TESA2604000234EN

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Back Surface_CH 127_0mm_Ant Aux

Ambient temperature: 22.4°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	6585.0, 127	5.34	6.080	34.089

Hardware Setup

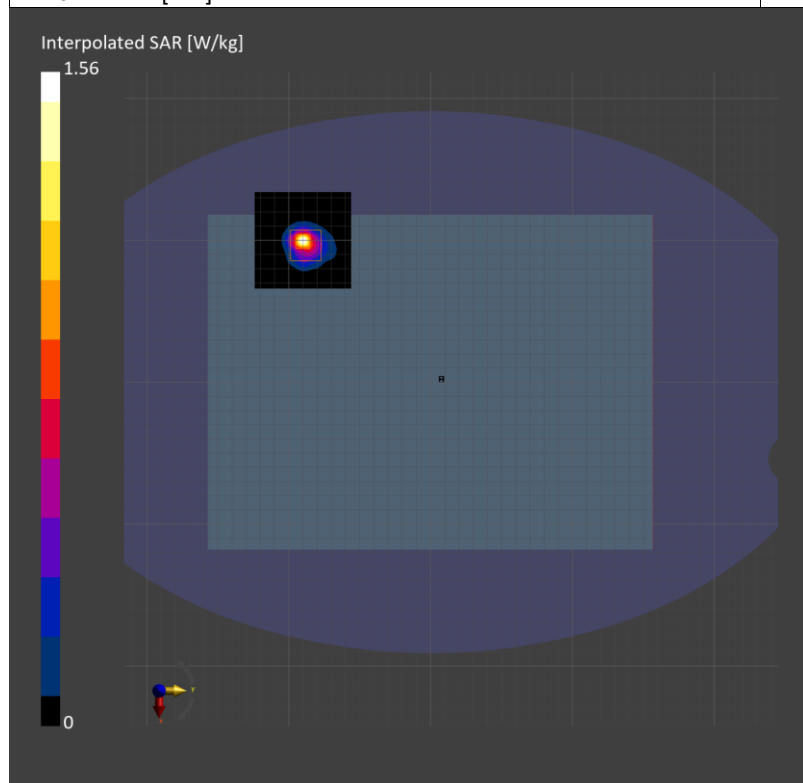
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 68.0	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	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.967	0.980
psSAR8g [W/kg]	0.305	0.297
psSAR10g [W/kg]	0.265	0.255
psPDab (4.0cm2, sq) [W/m2]		5.94
Power Drift [dB]	-0.03	-0.03
M2/M1 [%]		54.4
Dist 3dB Peak [mm]		5.2



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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 054

Report No. :TESA2604000234EN

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Back Surface_CH 191_0mm_Ant Aux

Ambient temperature: 23.0°C; Liquid temperature: 21.9°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	5.57	6.421	33.705

Hardware Setup

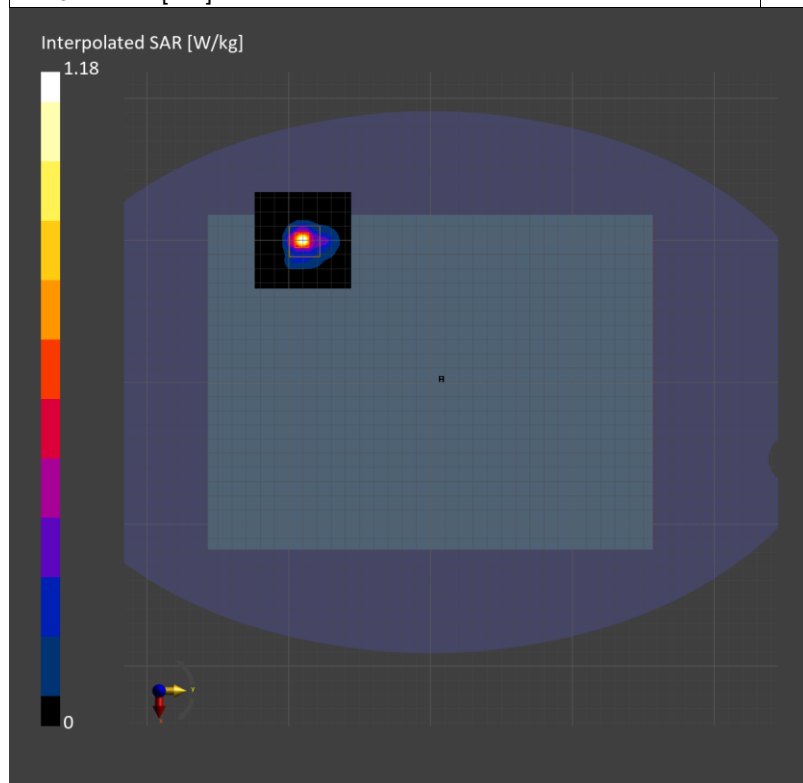
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 68.0	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	2026-04-20	2026-04-20
psSAR1g [W/kg]	0.724	0.747
psSAR8g [W/kg]	0.209	0.196
psSAR10g [W/kg]	0.180	0.168
psPDab (4.0cm2, sq) [W/m2]		3.93
Power Drift [dB]	0.02	0.04
M2/M1 [%]		52.6
Dist 3dB Peak [mm]		4.9



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f (886-2) 2298-0488

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ID: 055

Report No. :TESA2604000234EN

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Back Surface_CH 31_0mm_Ant Mimo

Ambient temperature: 22.1°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	6105.0, 31	5.34	5.577	34.665

Hardware Setup

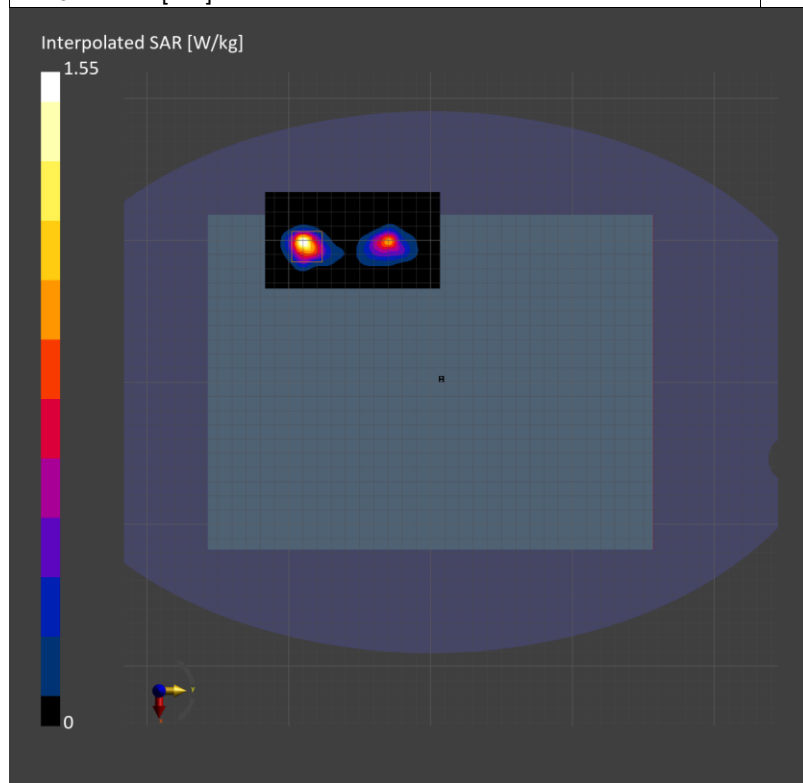
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 123.2	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.8	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.970	0.944
psSAR8g [W/kg]	0.329	0.320
psSAR10g [W/kg]	0.284	0.275
psPDab (4.0cm2, sq) [W/m2]		6.40
Power Drift [dB]	0.01	0.04
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		4.8



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 056

Report No. :TESA2604000234EN

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Back Surface_CH 95_0mm_Ant Mimo

Ambient temperature: 22.1°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	6425.0, 95	5.34	5.912	34.281

Hardware Setup

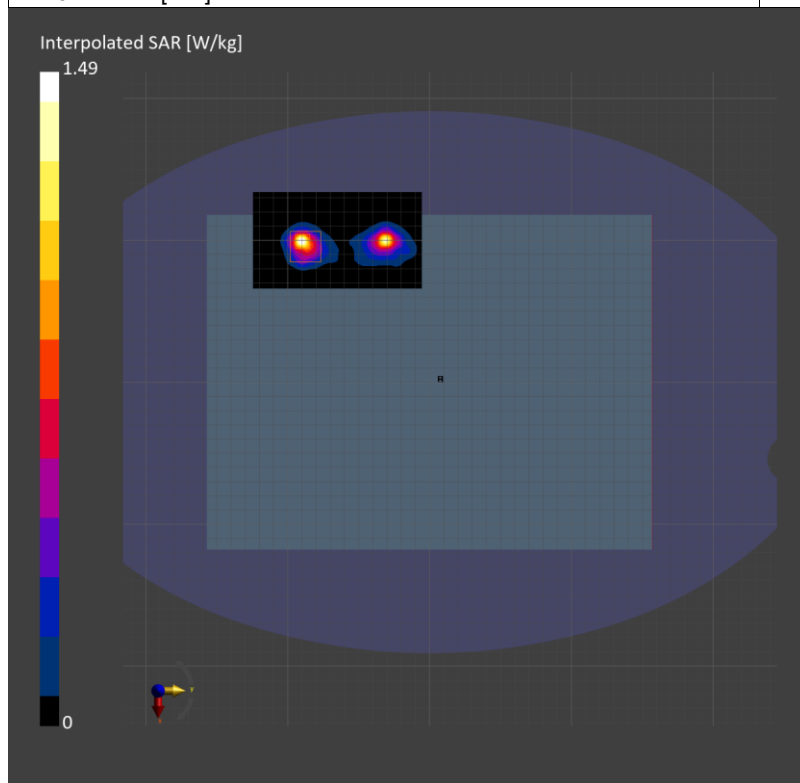
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 119.0	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	2026-04-19	2026-04-19
psSAR1g [W/kg]	0.919	0.906
psSAR8g [W/kg]	0.302	0.293
psSAR10g [W/kg]	0.262	0.251
psPDab (4.0cm2, sq) [W/m2]		5.85
Power Drift [dB]	0.04	0.02
M2/M1 [%]		56.3
Dist 3dB Peak [mm]		5.5



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f (886-2) 2298-0488

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ID: 057

Report No. :TESA2604000234EN

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Back Surface_CH 127_0mm_Ant Mimo

Ambient temperature: 22.1°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	6585.0, 127	5.34	6.080	34.089

Hardware Setup

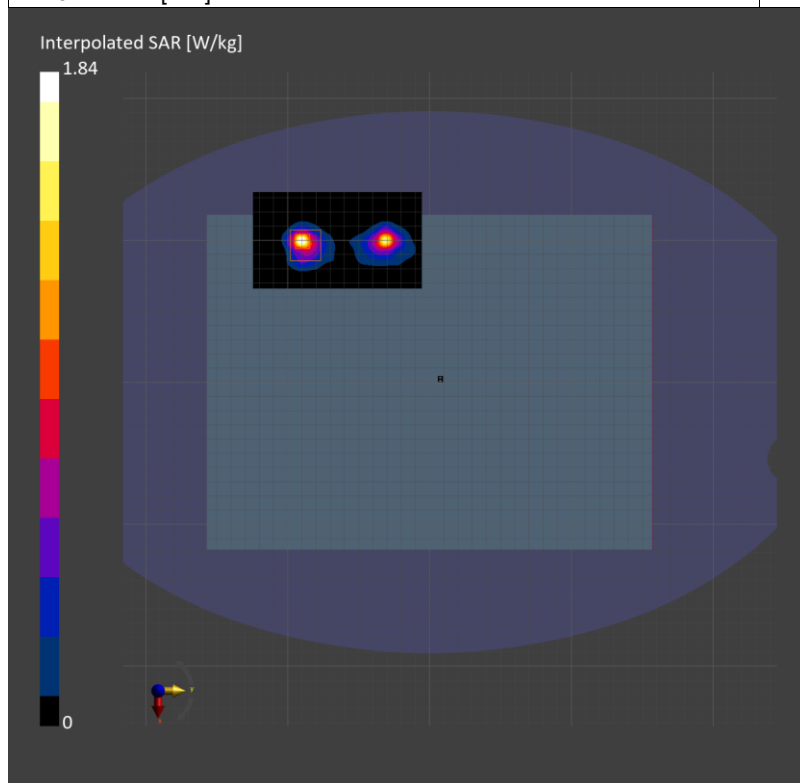
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 119.0	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	2026-04-19	2026-04-19
psSAR1g [W/kg]	1.03	1.08
psSAR8g [W/kg]	0.352	0.335
psSAR10g [W/kg]	0.306	0.288
psPDab (4.0cm2, sq) [W/m2]		6.70
Power Drift [dB]	0.03	0.05
M2/M1 [%]		53.2
Dist 3dB Peak [mm]		5.5



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f (886-2) 2298-0488

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ID: 058

Report No. :TESA2604000234EN

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Back Surface_CH 191_0mm_Ant Mimo

Ambient temperature: 23.0°C; Liquid temperature: 21.9°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	5.57	6.421	33.705

Hardware Setup

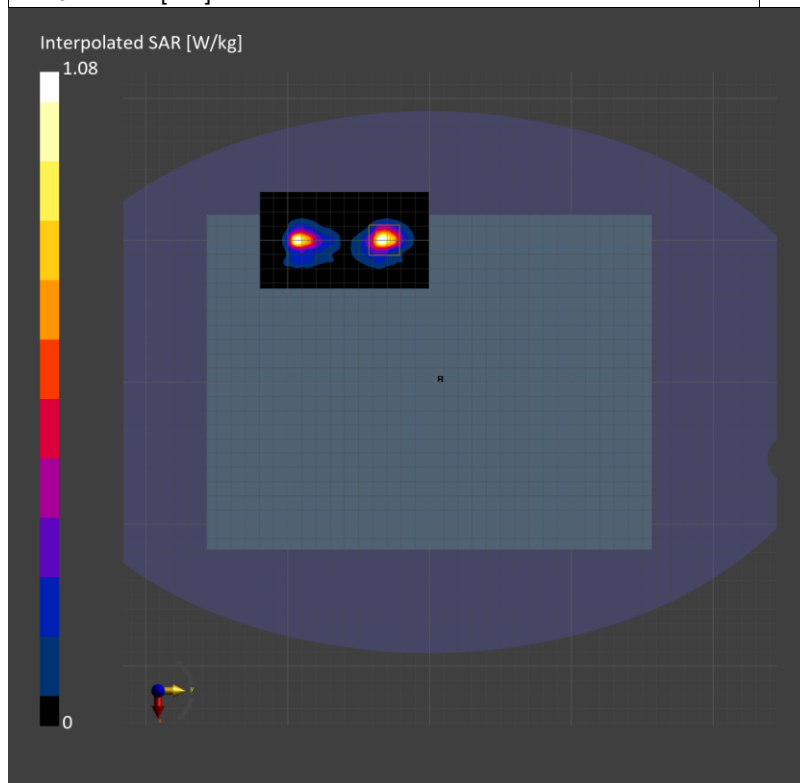
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	68.0 x 119.0	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	2026-04-20	2026-04-20
psSAR1g [W/kg]	0.762	0.923
psSAR8g [W/kg]	0.240	0.257
psSAR10g [W/kg]	0.206	0.221
psPDab (4.0cm2, sq) [W/m2]		5.14
Power Drift [dB]	0.03	-0.04
M2/M1 [%]		54.6
Dist 3dB Peak [mm]		4.9



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13 PD MEASUREMENT RESULTS

ID: 059

Report No. : TESA2604000234EN

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_PD_Back Surface_CH 127_2mm_Main

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	Bacu Surface, 2.00	1.0

Hardware Setup

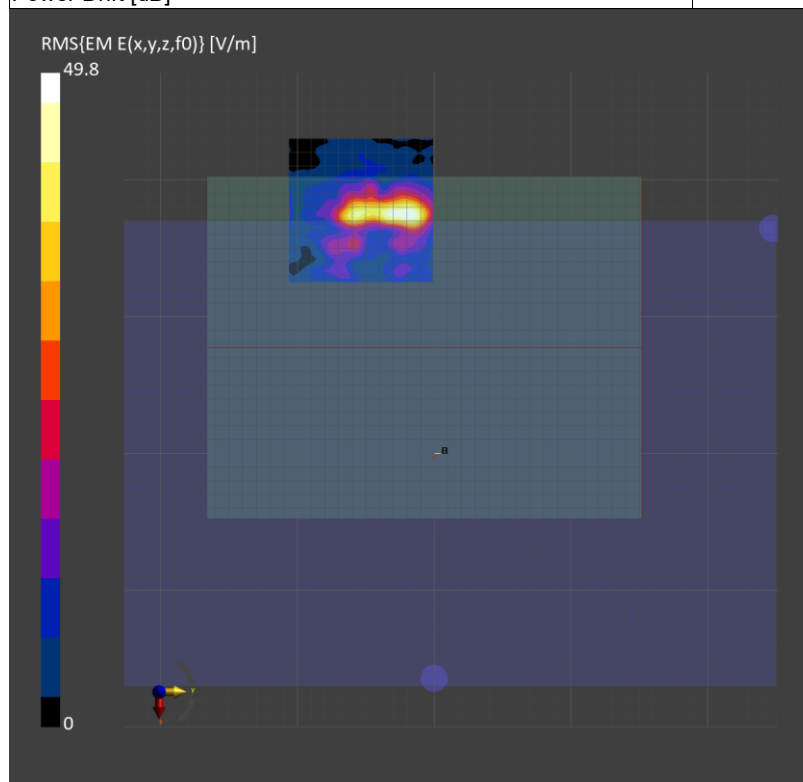
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1106	Air	EUmmWV3 - SN9399_F1-55GHz, 2026-01-19	DAE4 Sn547, 2026-01-15

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 Results

Scan Type	5G Scan
Date	2026-04-26, 07:30
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.27
psPDtot+ [W/m ²]	2.78
psPDmod+ [W/m ²]	3.10
E _{max} [V/m]	59.8
Power Drift [dB]	0.02



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ID: 060

Report No. : TESA2604000234EN

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_PD_Back Surface_CH 127_2mm_MIMO

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	Back Surface, 2.00	1.0

Hardware Setup

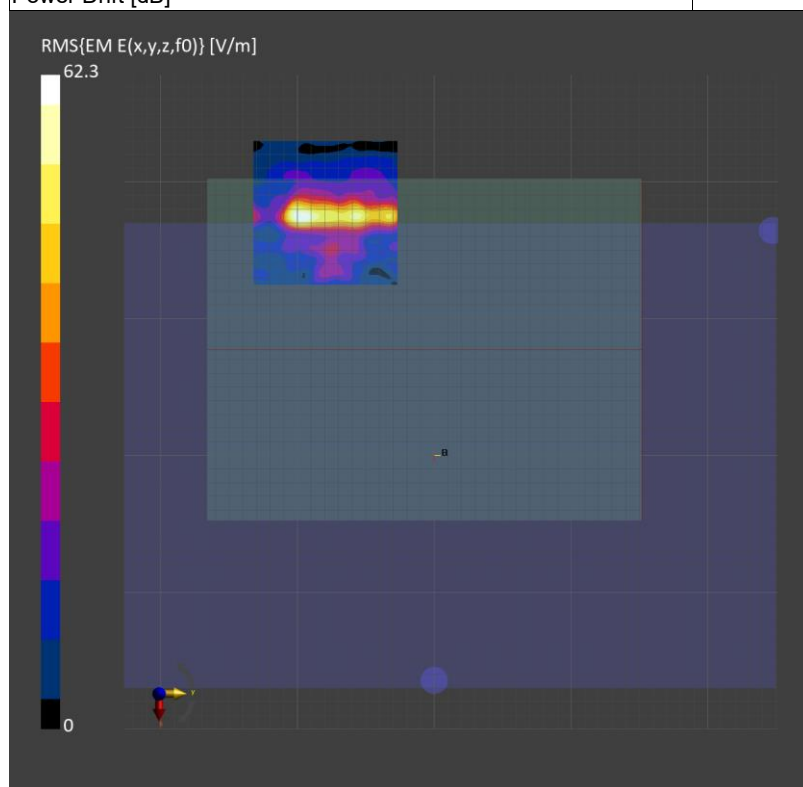
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1106	Air	EUmmWV3 - SN9399_F1-55GHz, 2026-01-19	DAE4 Sn547, 2026-01-15

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 Results

Scan Type	5G Scan
Date	2026-04-26, 10:38
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.07
psPDtot+ [W/m ²]	3.89
psPDmod+ [W/m ²]	4.41
E _{max} [V/m]	62.3
Power Drift [dB]	-0.02



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14 SAR SYSTEM CHECK RESULTS

Report No. :TESA2604000234EN

Measurement Report

Dipole 2450 MHz_SN:727

Ambient temperature: 22.3°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, 10.00	7.53	1.825	38.92

Hardware Setup

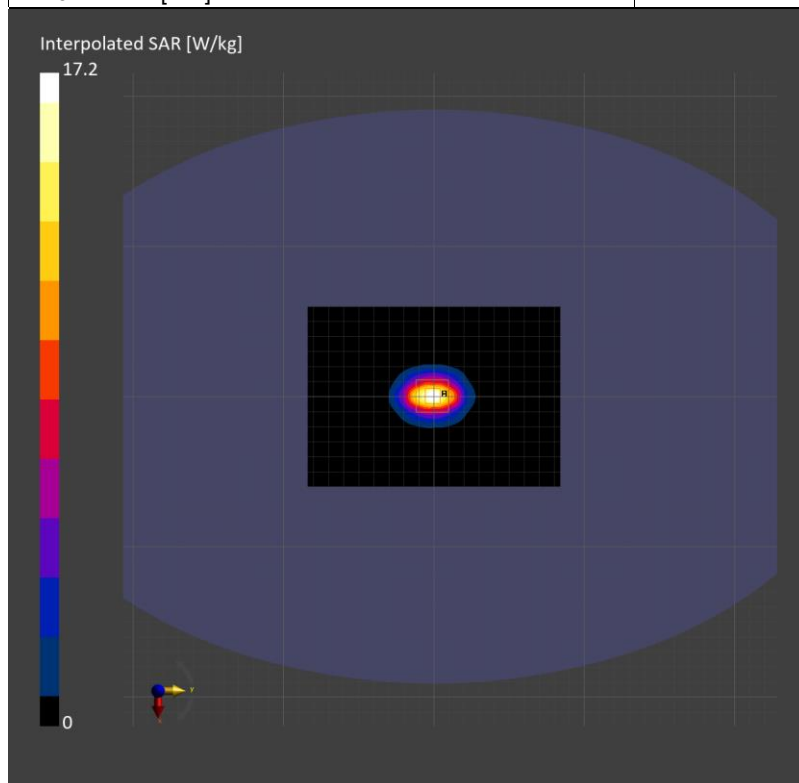
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 160.0	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	2026-04-14	2026-04-14
psSAR1g [W/kg]	13.0	13.2
psSAR8g [W/kg]	6.66	7.07
psSAR10g [W/kg]	6.02	6.44
Power Drift [dB]	0.00	-0.00
M2/M1 [%]		55.1
Dist 3dB Peak [mm]		9.0



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Report No. :TESA2604000234EN

Measurement Report

Dipole 5250 MHz_SN:1349

Ambient temperature: 22.6°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.62	4.699	35.649

Hardware Setup

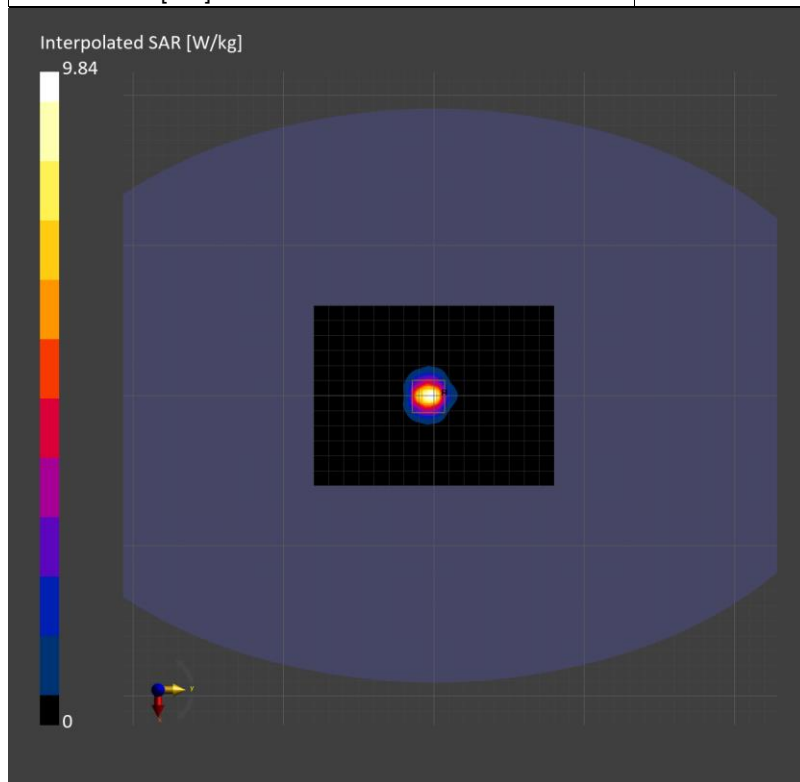
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 160.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-15	2026-04-15
psSAR1g [W/kg]	6.63	7.71
psSAR8g [W/kg]	2.36	2.69
psSAR10g [W/kg]	2.04	2.31
Power Drift [dB]	0.06	0.02
M2/M1 [%]		69.4
Dist 3dB Peak [mm]		7.4



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Report No. :TESA2604000234EN

Measurement Report

Dipole 5600 MHz_SN:1349

Ambient temperature: 22.5°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.17	5.058	35.249

Hardware Setup

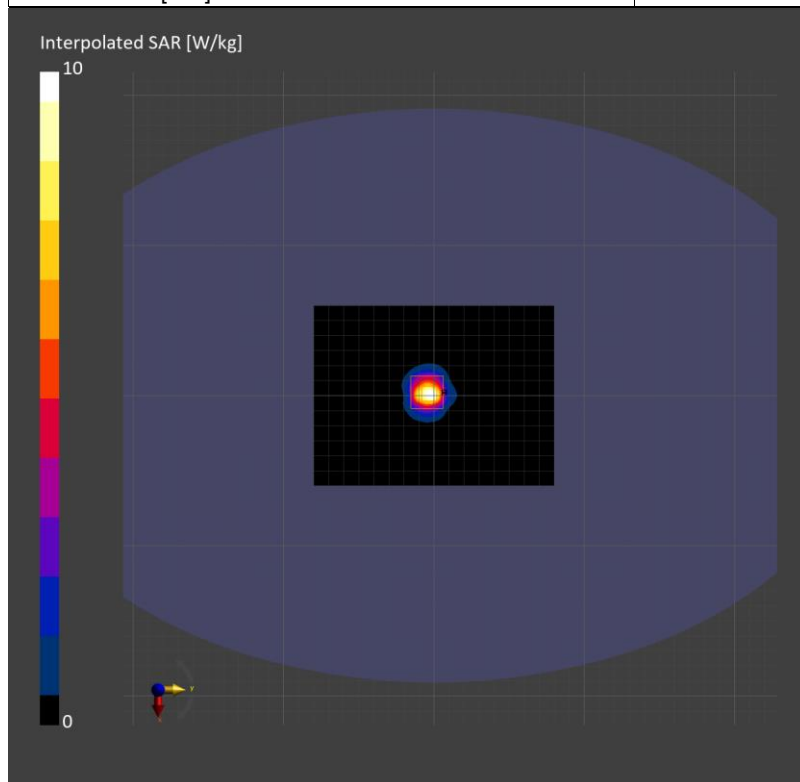
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 160.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-16	2026-04-16
psSAR1g [W/kg]	7.00	8.49
psSAR8g [W/kg]	2.52	2.94
psSAR10g [W/kg]	2.18	2.44
Power Drift [dB]	-0.03	-0.00
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		7.6



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Report No. :TESA2604000234EN

Measurement Report

Dipole 5750 MHz, SN:1349

Ambient temperature: 22.8°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.17	5.211	35.077

Hardware Setup

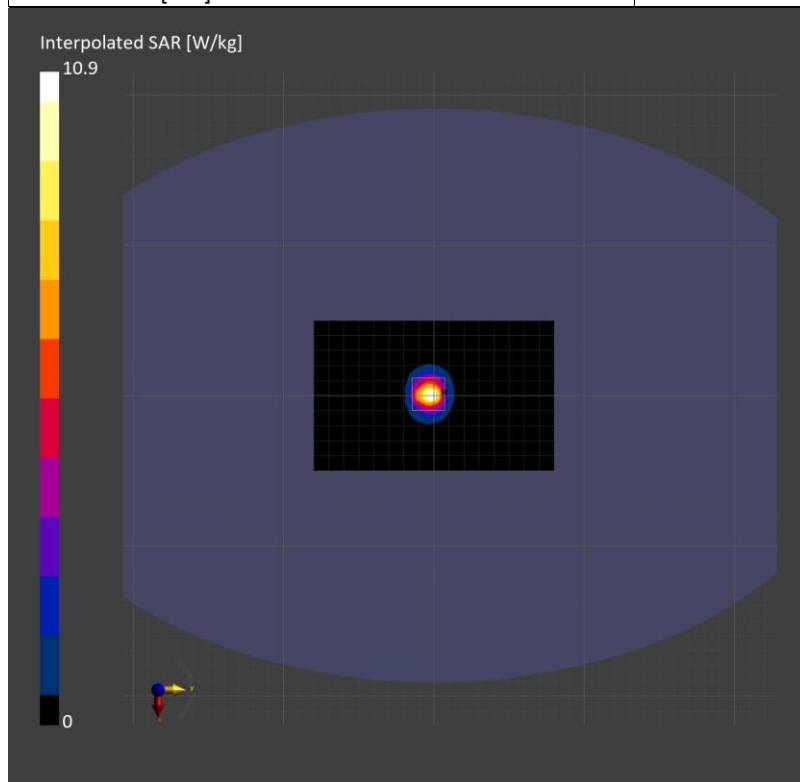
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-17	2026-04-17
psSAR1g [W/kg]	7.39	8.39
psSAR8g [W/kg]	2.59	2.84
psSAR10g [W/kg]	2.24	2.44
Power Drift [dB]	-0.05	0.04
M2/M1 [%]		57.6
Dist 3dB Peak [mm]		7.9



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Report No. :TESA2604000234EN

Measurement Report

Dipole 5850 MHz_SN:1349

Ambient temperature: 22.9°C; Liquid temperature: 21.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.01	5.314	34.963

Hardware Setup

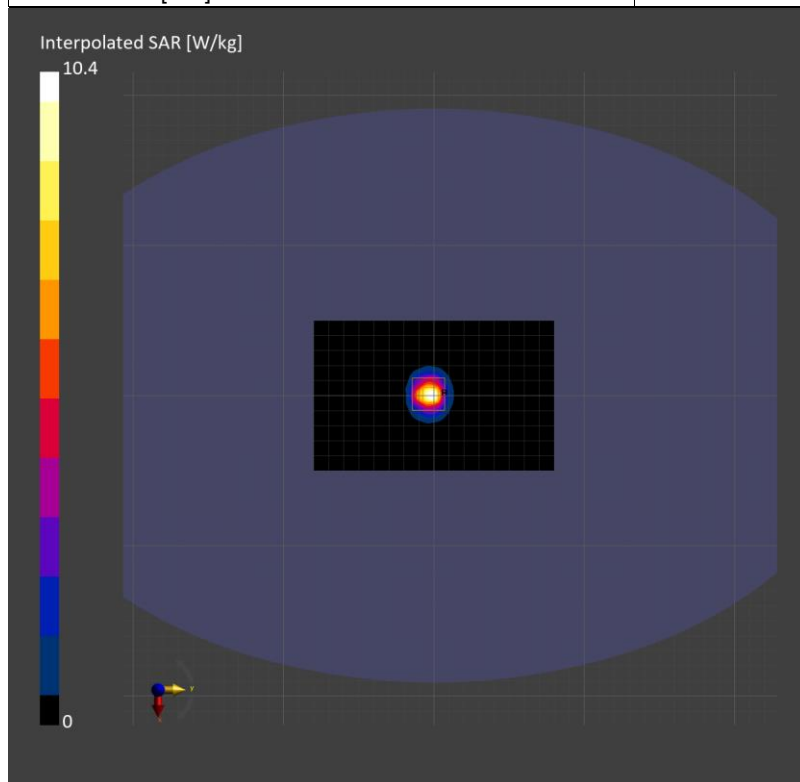
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2026-02-25	DAE4 Sn547, 2026-01-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-04-18	2026-04-18
psSAR1g [W/kg]	7.02	7.87
psSAR8g [W/kg]	2.41	2.61
psSAR10g [W/kg]	2.09	2.24
Power Drift [dB]	0.01	0.03
M2/M1 [%]		58.6
Dist 3dB Peak [mm]		7.6



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