

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.	BE211D2W
Host Model Number:	N26LD1
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	HLZBE211D2
Date of EUT Receipt	May 08, 2026
Date of Test(s)	May 12, 2026 ~ Jun. 03, 2026
Date of Issue	Jun. 26, 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
TESA2604000272EN	00	Initial creation of document	Jun. 26, 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.	BE211D2W	
Host Model Number:	N26LD1	
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/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)
	802.11ax/be	6.2GHz (5925.0 – 6425.0 MHz) 6.5GHz (6425.0 – 6525.0 MHz) 6.7GHz (6525.0 – 6875.0 MHz) 7.0GHz (6875.0 – 7125.0 MHz)
	Bluetooth	2.4GHz (2400.0 – 2483.5 MHz)

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)	0.37	N/A	N/A
2.4G WLAN	0.93	N/A	N/A
5G WLAN	1.00	N/A	N/A
6G WLAN	1.15	7.64	5.54

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1.4 Antenna Information

NB

Vendor		Part Number		Antenna
INPAQ		WA-P-LE-02-508		Main
		WA-P-LE-03-060		Aux
Band	Frequency(MHz)	Peak Gain (dBi)		
		Main	Aux	
2.45GHz	2400~2500	2.83	2.88	
5.2GHz	5150~5250	2.90	1.41	
5.3GHz	5250~5350	2.90	1.41	
5.6GHz	5470~5725	2.82	2.37	
5.8GHz	5725~5850	2.87	2.67	
5.9GHz	5850~5895	2.87	2.01	
6.2GHz	5925~6425	2.83	1.78	
6.5GHz	6425~6525	2.56	1.24	
6.7GHz	6525~6875	2.47	1.67	
7.0GHz	6875~7125	2.10	0.98	

TB

Vendor		Part Number		Antenna
INPAQ		WA-P-LE-02-508		Main
		WA-P-LE-03-060		Aux
Band	Frequency(MHz)	Peak Gain (dBi)		
		Main	Aux	
2.45GHz	2400~2500	2.68	2.69	
5.2GHz	5150~5250	2.76	1.99	
5.3GHz	5250~5350	2.76	1.12	
5.6GHz	5470~5725	2.56	1.12	
5.8GHz	5725~5850	2.59	1.12	
5.9GHz	5850~5895	2.59	0.77	
6.2GHz	5925~6425	2.91	2.26	
6.5GHz	6425~6525	2.44	2.26	
6.7GHz	6525~6875	2.87	2.77	
7.0GHz	6875~7125	2.66	2.33	

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	-	-	TW0028/ 200037	TW3702/ 4620E
		SAR 4	Stella Chang	Jasper Wang		
	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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Block Diagram (DASY8)

[illegible]

- 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 2450/5250/5600/5750/5850/6500/7000 MHz 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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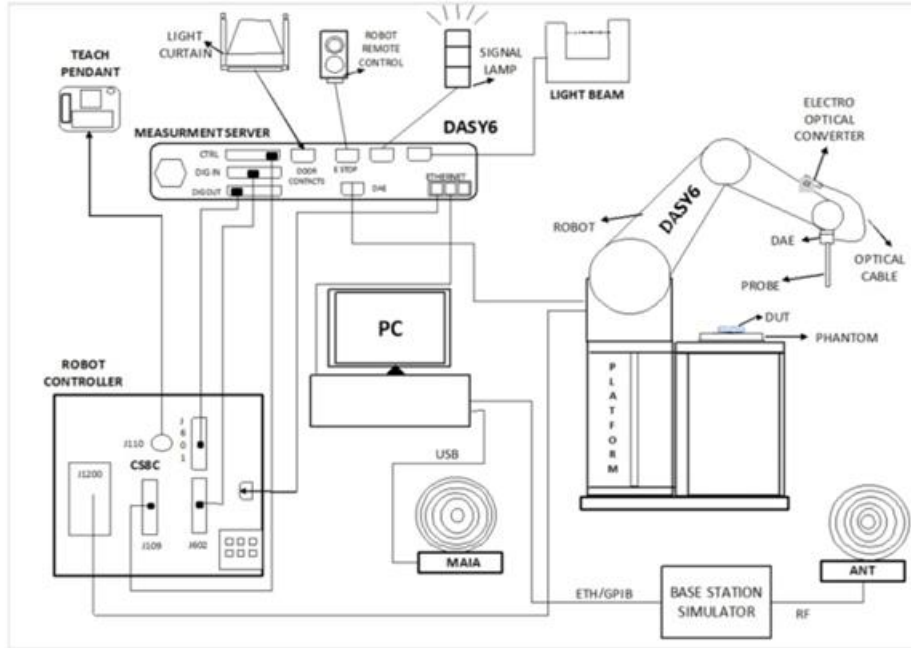
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2.3 PD system

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.

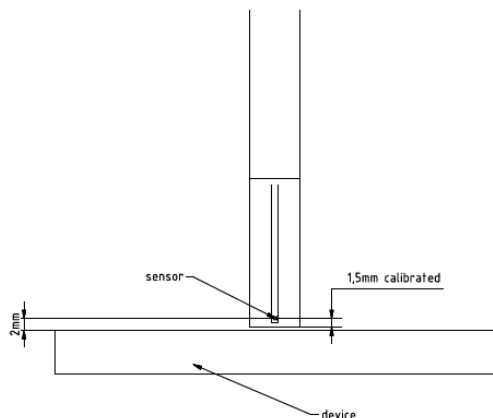
	Two dipoles optimally arranged to obtain pseudo-vector information. Minimum 3 measurements/ point, 120° rotated around probe axis. Sensors (0.8mm length) printed on glass substrate protected by high density foam. Low perturbation of the measured field. Requires positioner which can do accurate probe rotation.
Frequency Range	750 MHz – 110 GHz

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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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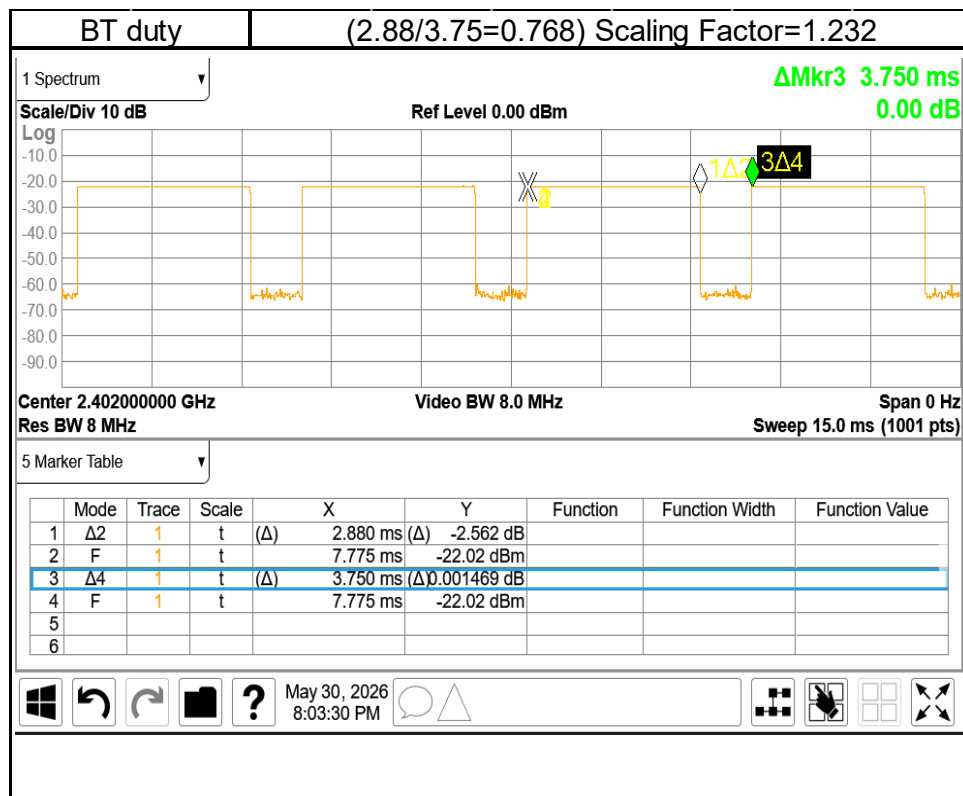
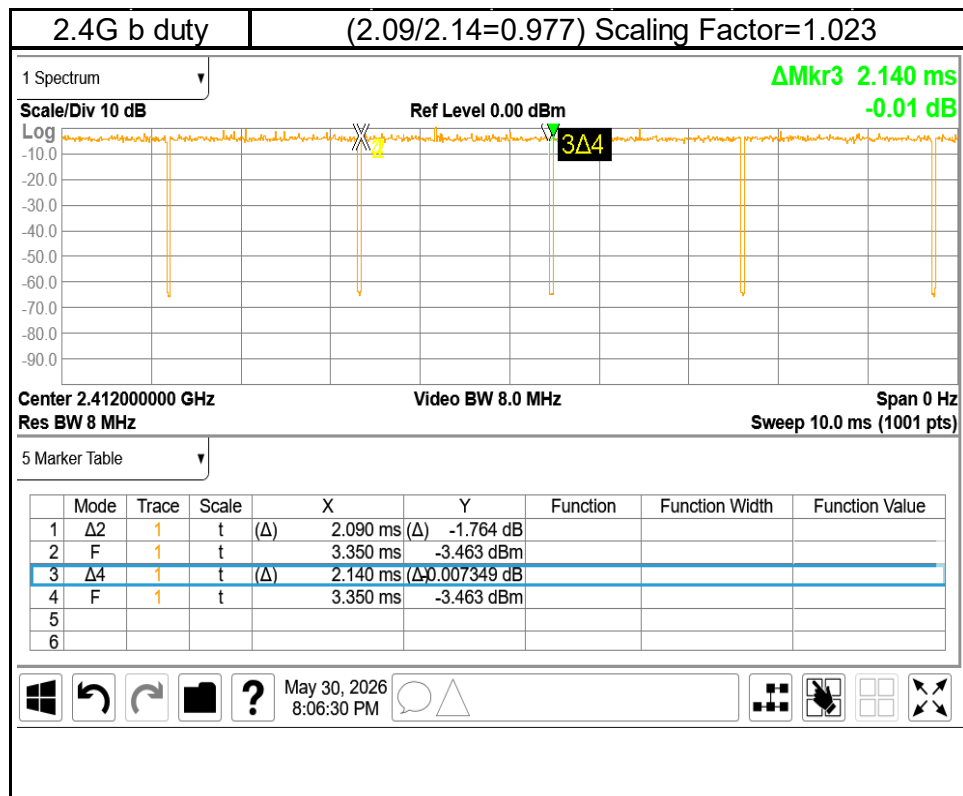
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f (886-2) 2298-0488

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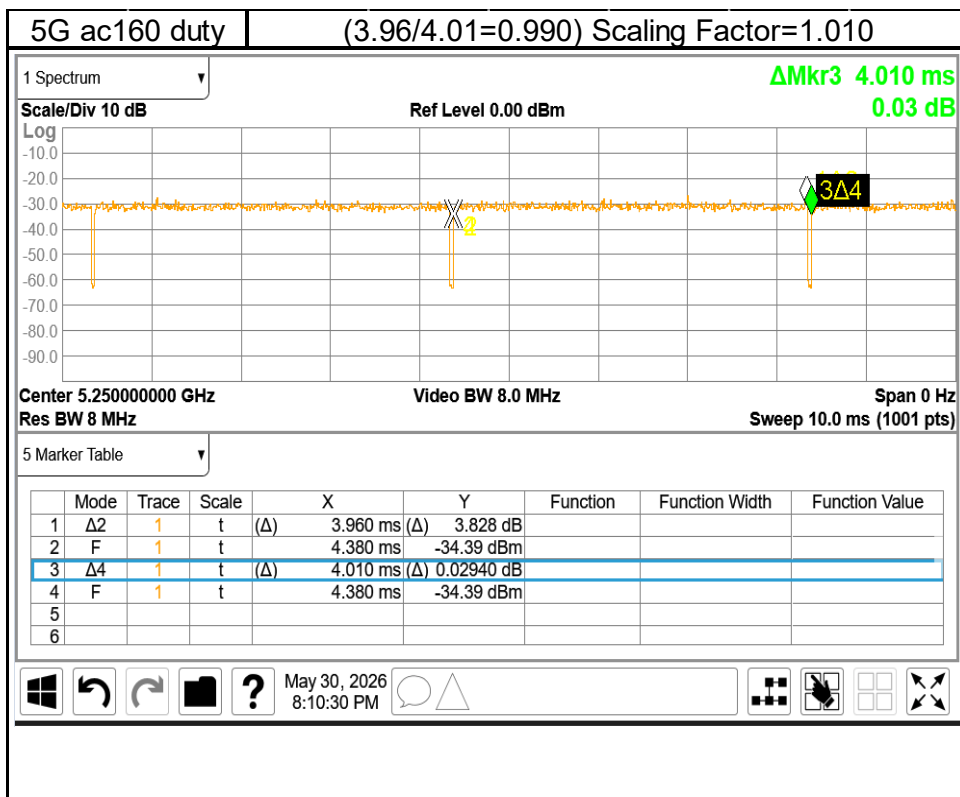
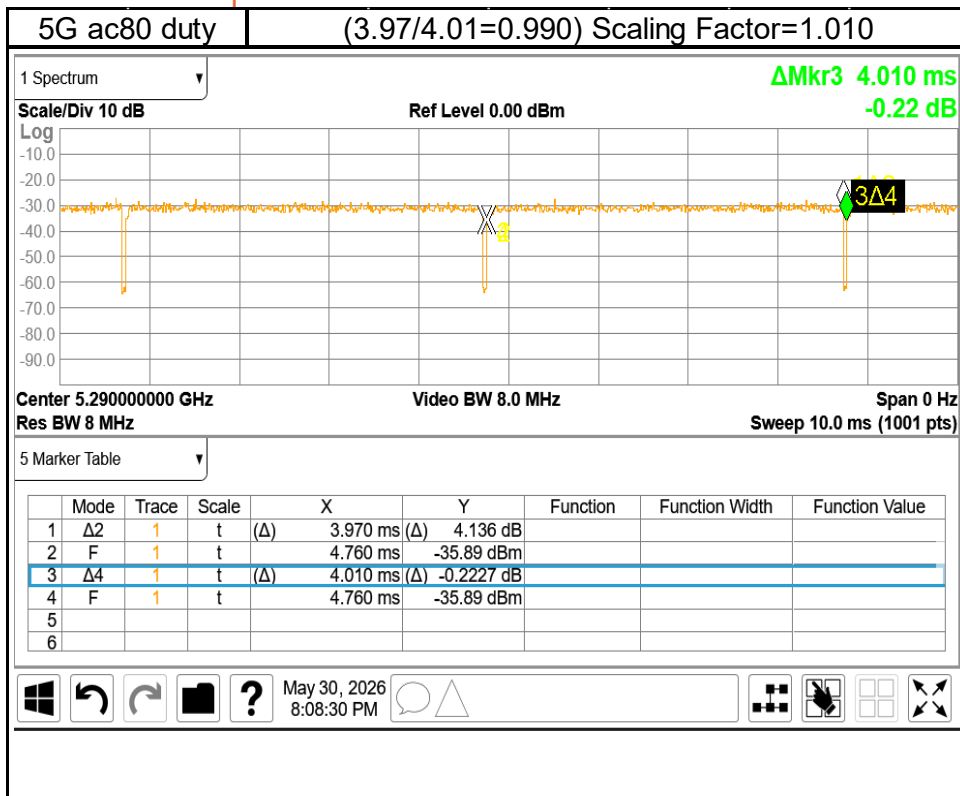
3 DUTY CYCLE



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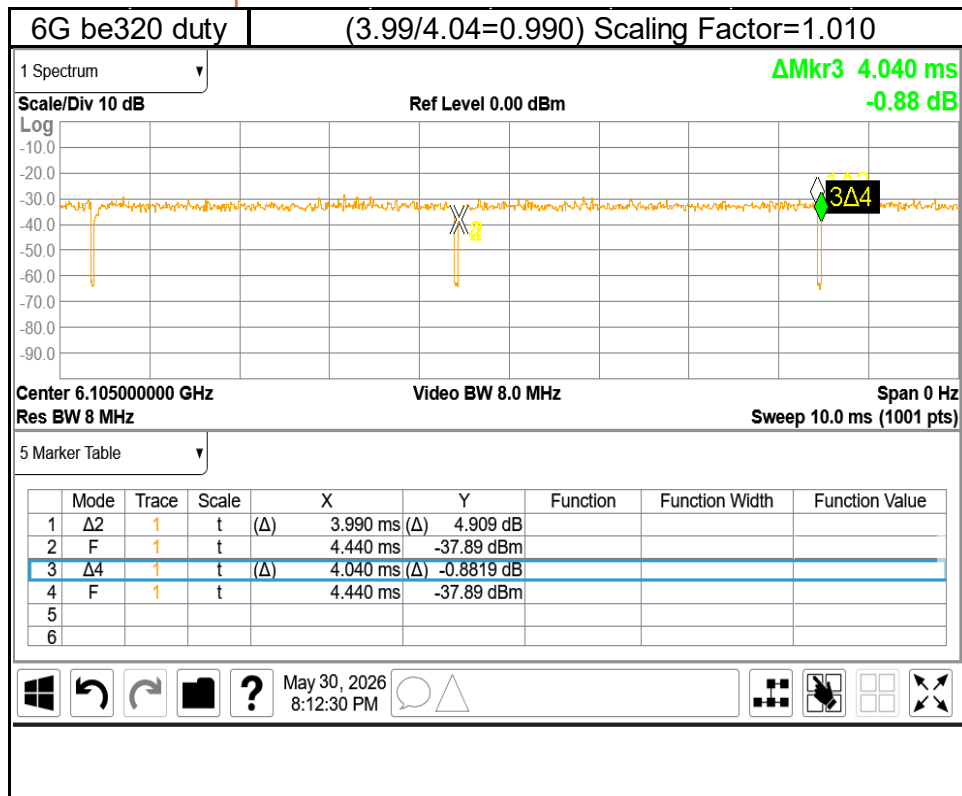
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4 SAR SYSTEM VERIFICATION

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	39.517	1.808	0.56%	2.82%	$\pm 5\%$	May. 29, 2026
2412	39.276	1.767	39.500	1.817	0.57%	2.83%	$\pm 5\%$	
2437	39.226	1.789	39.455	1.839	0.58%	2.81%	$\pm 5\%$	
2440	39.220	1.791	39.450	1.842	0.59%	2.85%	$\pm 5\%$	
2441	39.218	1.792	39.448	1.842	0.59%	2.78%	$\pm 5\%$	
2450	39.200	1.800	39.432	1.850	0.59%	2.78%	$\pm 5\%$	
2462	39.184	1.813	39.417	1.861	0.59%	2.66%	$\pm 5\%$	
2480	39.160	1.832	39.394	1.878	0.60%	2.51%	$\pm 5\%$	
5250	35.950	4.710	36.161	4.765	0.59%	1.17%	$\pm 5\%$	May. 30, 2026
5290	35.910	4.750	36.115	4.806	0.57%	1.18%	$\pm 5\%$	
5570	35.545	5.039	35.795	5.097	0.70%	1.16%	$\pm 5\%$	
5600	35.500	5.070	35.761	5.128	0.74%	1.14%	$\pm 5\%$	
5750	35.350	5.220	35.589	5.283	0.68%	1.21%	$\pm 5\%$	
5775	35.325	5.245	35.561	5.309	0.67%	1.22%	$\pm 5\%$	
5815	35.300	5.270	35.515	5.351	0.61%	1.54%	$\pm 5\%$	
5850	35.200	5.320	35.475	5.387	0.78%	1.26%	$\pm 5\%$	
6105	35.070	5.510	35.178	5.654	0.31%	2.62%	$\pm 5\%$	May. 31, 2026
6265	34.878	5.698	34.986	5.822	0.31%	2.17%	$\pm 5\%$	
6425	34.686	5.887	34.794	5.992	0.31%	1.78%	$\pm 5\%$	
6495	34.610	5.896	34.710	6.067	0.29%	2.90%	$\pm 5\%$	
6500	34.500	6.070	34.704	6.072	0.59%	0.03%	$\pm 5\%$	
6505	34.494	6.076	34.698	6.077	0.59%	0.02%	$\pm 5\%$	
6585	34.302	6.261	34.602	6.163	0.87%	-1.57%	$\pm 5\%$	
6745	34.110	6.447	34.410	6.335	0.88%	-1.74%	$\pm 5\%$	
6905	33.918	6.633	34.218	6.508	0.88%	-1.88%	$\pm 5\%$	
7000	33.900	6.650	34.104	6.611	0.60%	-0.59%	$\pm 5\%$	

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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	40.135	1.834	2.14%	4.30%	$\pm 5\%$	Jun. 01, 2026
2412	39.276	1.767	40.118	1.843	2.14%	4.30%	$\pm 5\%$	
2437	39.226	1.789	40.073	1.865	2.16%	4.26%	$\pm 5\%$	
2440	39.220	1.791	40.068	1.868	2.16%	4.30%	$\pm 5\%$	
2441	39.218	1.792	40.066	1.869	2.16%	4.29%	$\pm 5\%$	
2450	39.200	1.800	40.050	1.877	2.17%	4.28%	$\pm 5\%$	
2462	39.184	1.813	40.035	1.888	2.17%	4.15%	$\pm 5\%$	
2480	39.160	1.832	40.012	1.904	2.18%	3.93%	$\pm 5\%$	
5250	35.950	4.710	36.779	4.844	2.31%	2.85%	$\pm 5\%$	Jun. 02, 2026
5290	35.910	4.750	36.733	4.886	2.29%	2.86%	$\pm 5\%$	
5570	35.545	5.039	36.413	5.181	2.44%	2.83%	$\pm 5\%$	
5600	35.500	5.070	36.379	5.212	2.48%	2.80%	$\pm 5\%$	
5750	35.350	5.220	36.207	5.370	2.42%	2.87%	$\pm 5\%$	
5775	35.325	5.245	36.179	5.396	2.42%	2.88%	$\pm 5\%$	
5815	35.300	5.270	36.133	5.438	2.36%	3.19%	$\pm 5\%$	
5850	35.200	5.320	36.093	5.475	2.54%	2.91%	$\pm 5\%$	
6105	35.070	5.510	35.795	5.746	2.07%	4.29%	$\pm 5\%$	Jun. 03, 2026
6265	34.878	5.698	35.603	5.917	2.08%	3.84%	$\pm 5\%$	
6425	34.686	5.887	35.411	6.089	2.09%	3.43%	$\pm 5\%$	
6495	34.610	5.896	35.327	6.164	2.07%	4.55%	$\pm 5\%$	
6500	34.500	6.070	35.321	6.170	2.38%	1.65%	$\pm 5\%$	
6505	34.494	6.076	35.315	6.175	2.38%	1.63%	$\pm 5\%$	
6585	34.302	6.261	35.219	6.262	2.67%	0.01%	$\pm 5\%$	
6745	34.110	6.447	35.027	6.436	2.69%	-0.17%	$\pm 5\%$	
6905	33.918	6.633	34.835	6.612	2.70%	-0.31%	$\pm 5\%$	
7000	33.900	6.650	34.721	6.716	2.42%	0.99%	$\pm 5\%$	

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4.4 The composition of the tissue simulating liquid:

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

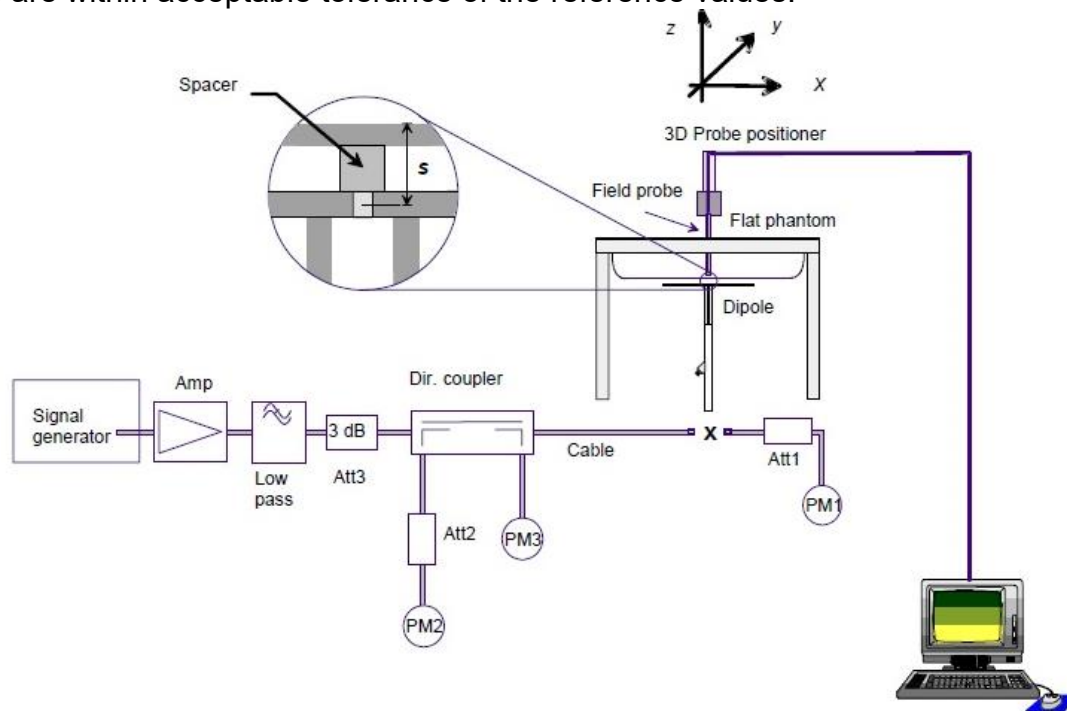
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

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	12.8	51.2	-2.66	± 10%	May.29,2026
D2450V2	727	2450	52.6	12.7	50.8	-3.42	± 10%	Jun.01,2026
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	7.7	77	-4.82	± 10%	May.30,2026
D5GHzV2	1349	5250	80.9	7.52	75.2	-7.05	± 10%	Jun.02,2026
D5GHzV2	1349	5600	82.4	8.72	87.2	5.83	± 10%	May.30,2026
D5GHzV2	1349	5600	82.4	8.18	81.8	-0.73	± 10%	Jun.02,2026
D5GHzV2	1349	5750	80.8	8.62	86.2	6.68	± 10%	May.30,2026
D5GHzV2	1349	5750	80.8	8.37	83.7	3.59	± 10%	Jun.02,2026
D5GHzV2	1349	5850	79.9	8.5	85	6.38	± 10%	May.30,2026
D5GHzV2	1349	5850	79.9	7.86	78.6	-1.63	± 10%	Jun.02,2026
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	27.2	272	-7.80	± 10%	May.31,2026
D6.5GHzV2	1006	6500	295	31.2	312	5.76	± 10%	Jun.03,2026
D7GHzV2	1007	7000	287	28.7	287	0.00	± 10%	May.31,2026
D7GHzV2	1007	7000	287	27.2	272	-5.23	± 10%	Jun.03,2026

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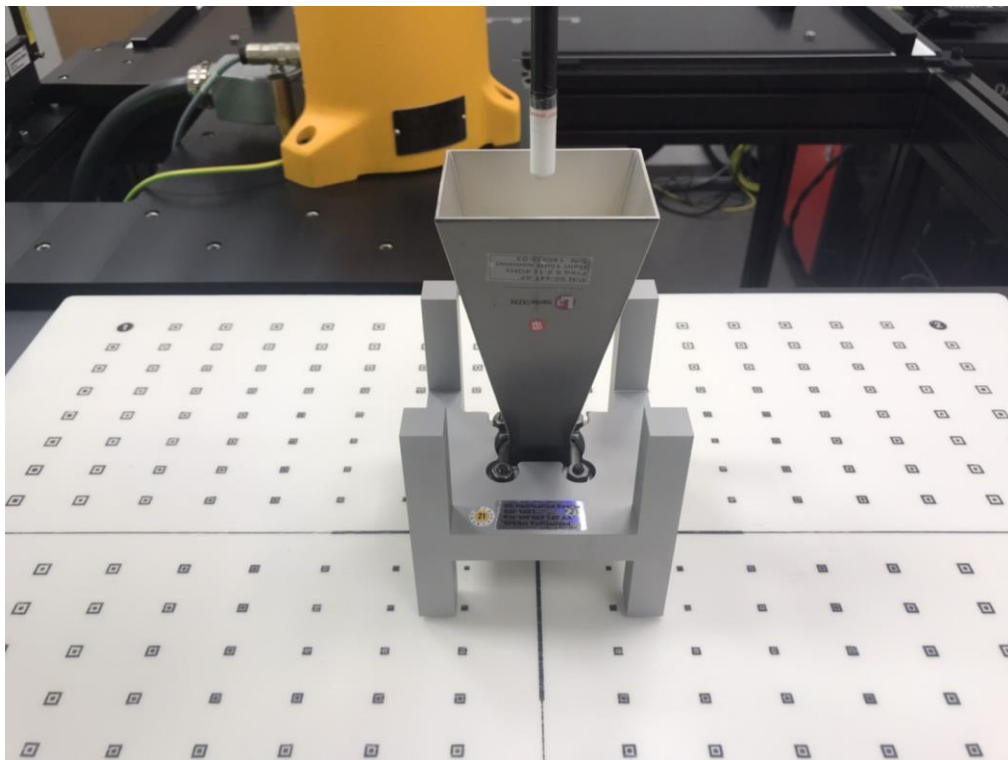
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5 PD SYSTEM VERIFICATION

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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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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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	1260	10	93.3	52.1	55.5	-0.27	Jun.03,2026

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f (886-2) 2298-0488

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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.

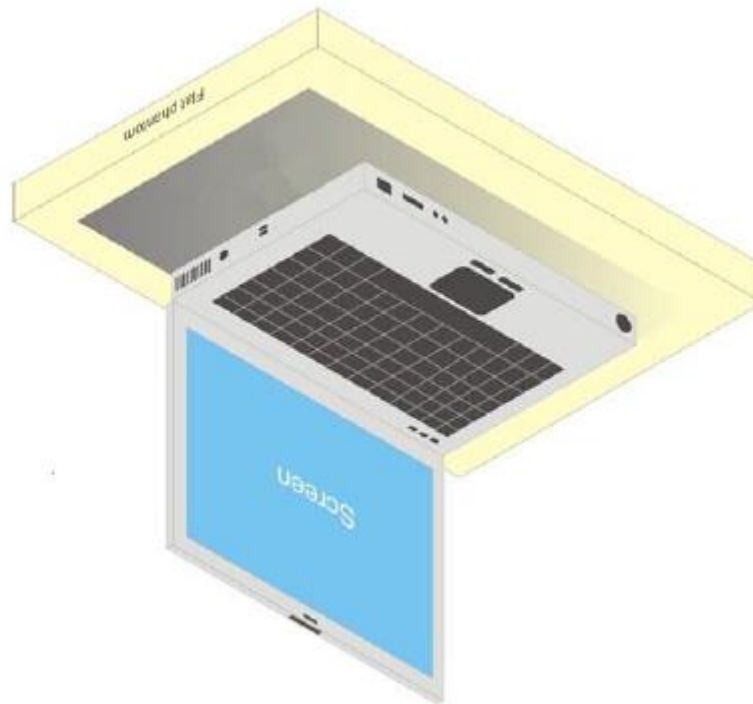


Illustration for Laptop Setup

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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.

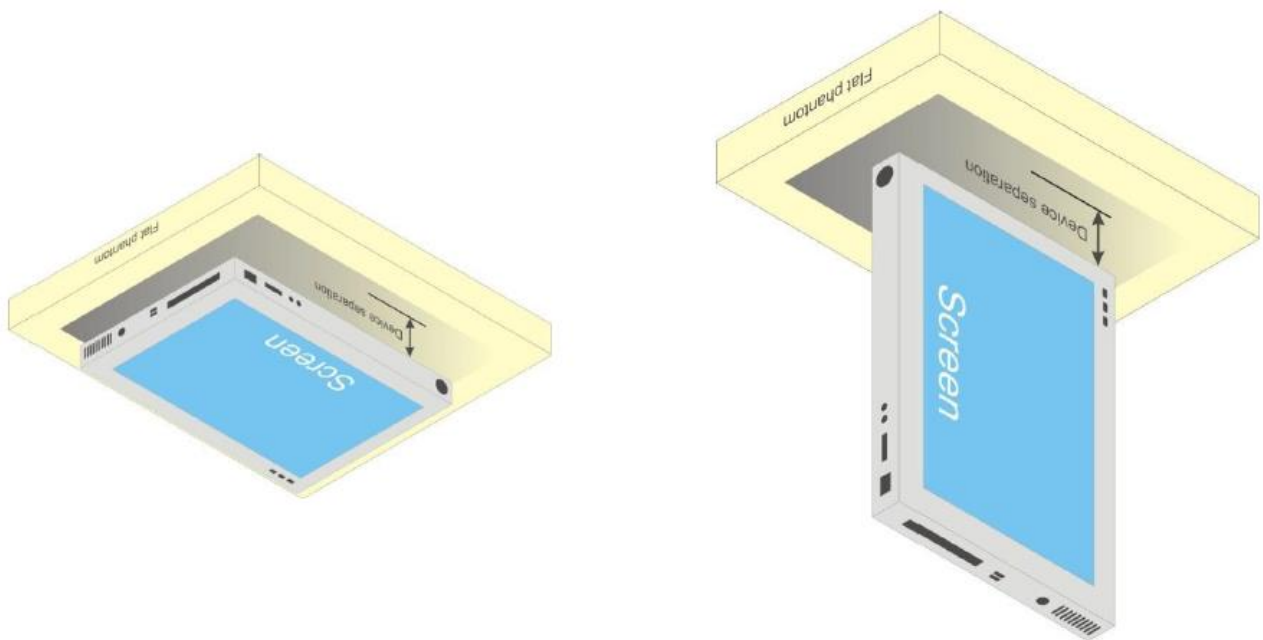


Illustration for Tablet Setup

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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.

Device mode verification by power measurement

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Antenna	Operation mode	Lid angle	802.11b	802.11a(160M) 5.2G	802.11a(30M) 5.3G	802.11a(30M) 5.6G	802.11a(30M) 5.8G	802.11a(160M) 5.9G	802.11b(320M) 6.2G	802.11b(320M) 6.5G	802.11b(320M) 6.7G	802.11b(320M) 7.0G	
Main	Lid close	0°	11.86	9.96	9.92	9.83	9.84	9.99	12.31	12.33	12.36	12.48	
		10°	11.96	9.83	9.85	9.93	9.90	9.88	12.37	12.39	12.34	12.38	
		20°	11.88	9.93	9.95	9.94	9.99	9.82	12.31	12.39	12.30	12.37	
		Laptop	30°	11.90	9.96	9.99	9.88	9.96	9.89	12.34	12.32	12.32	12.34
			25°	11.87	9.87	9.83	9.95	9.81	9.84	12.33	12.33	12.30	12.42
			26°	11.89	9.82	9.80	9.95	9.81	9.80	12.34	12.33	12.41	12.32
			27°	11.87	9.96	9.80	9.89	9.92	9.89	12.41	12.45	12.35	12.36
			28°	11.97	9.84	9.82	9.93	9.96	9.81	12.33	12.39	12.42	12.40
			29°	11.95	9.93	9.82	9.81	10.00	10.00	12.46	12.43	12.36	12.32
			30°	11.97	9.86	10.00	9.85	9.95	9.93	12.36	12.31	12.30	12.43
	31°		11.89	9.88	9.97	9.80	9.84	9.83	12.50	12.33	12.41	12.33	
	32°		11.99	9.91	9.82	10.00	9.94	9.96	12.50	12.49	12.37	12.39	
	33°		11.86	9.97	9.81	10.00	9.86	9.80	12.38	12.50	12.48	12.45	
	Laptop	34°	11.80	9.95	9.99	9.86	9.93	9.97	12.49	12.36	12.32	12.37	
		35°	11.98	9.81	9.97	9.94	9.82	9.94	12.48	12.34	12.50	12.48	
		36°	11.87	9.81	9.93	9.82	9.92	9.96	12.36	12.43	12.47	12.37	
		37°	11.99	10.00	9.95	9.92	9.80	9.93	12.50	12.46	12.31	12.46	
		38°	11.84	9.96	9.82	9.87	9.88	9.99	12.38	12.30	12.34	12.39	
		39°	11.96	9.85	9.83	9.99	9.90	9.93	12.37	12.45	12.30	12.30	
		40°	11.92	9.85	9.80	9.98	9.80	9.98	12.45	12.43	12.38	12.32	
		50°	11.86	9.85	9.93	10.00	9.89	9.81	12.46	12.48	12.40	12.49	
		60°	11.90	9.93	9.88	9.97	9.82	9.88	12.42	12.44	12.35	12.39	
		70°	11.91	9.81	9.94	9.98	9.84	10.00	12.33	12.46	12.31	12.39	
	Laptop	80°	11.83	9.91	9.92	9.82	9.80	9.86	12.49	12.46	12.34	12.48	
		90°	11.91	9.96	9.83	10.00	9.93	9.85	12.38	12.30	12.33	12.36	
		100°	11.87	9.99	9.87	9.83	9.88	9.87	12.45	12.45	12.32	12.37	
		110°	11.95	9.81	9.97	9.92	9.95	9.98	12.35	12.31	12.42	12.32	
		120°	11.86	10.00	9.80	9.93	9.86	9.94	12.37	12.39	12.45	12.41	
		130°	11.86	9.89	9.86	9.98	9.81	9.91	12.41	12.39	12.39	12.49	
		140°	11.80	9.94	9.91	9.88	9.98	9.97	12.34	12.43	12.42	12.49	
		150°	11.96	9.89	9.85	9.82	9.84	9.93	12.45	12.48	12.48	12.37	
		160°	11.85	9.81	9.90	9.86	9.84	9.96	12.32	12.36	12.36	12.47	
		170°	11.82	9.83	9.83	9.84	9.88	9.94	12.34	12.30	12.44	12.41	
	Tablet	180°	11.94	9.89	9.98	9.96	9.88	9.88	9.94	9.99	9.89	9.87	
		175°	11.81	9.81	9.87	9.86	9.97	9.82	12.42	12.44	12.44	12.48	
		176°	11.83	9.86	9.91	9.81	9.84	9.89	12.34	12.32	12.36	12.41	
		177°	12.00	9.87	10.00	9.90	9.87	9.88	12.43	12.41	12.37	12.45	
		178°	11.87	9.87	9.94	9.96	9.90	9.94	12.35	12.41	12.31	12.34	
		179°	11.99	9.86	9.81	9.81	9.84	9.88	12.41	12.43	12.46	12.31	
		180°	11.95	9.89	9.96	9.85	9.81	9.81	9.95	9.80	10.00	9.82	
		181°	11.99	9.90	9.84	9.99	9.83	9.87	9.99	9.92	9.95	9.87	
		182°	11.81	9.86	9.96	9.96	9.90	9.82	9.88	10.00	9.98	9.88	
		183°	11.80	9.87	10.00	9.83	9.99	9.85	9.87	9.97	9.84	9.93	
	Tablet	184°	11.92	9.88	9.95	9.95	9.96	9.92	9.80	9.97	9.97	9.88	
		185°	11.96	9.97	9.91	9.93	9.89	9.91	9.84	9.83	9.93	9.87	
		186°	11.86	9.84	9.88	9.83	9.96	9.89	9.89	9.90	9.90	9.90	
		187°	11.86	9.96	9.81	9.95	9.89	9.81	9.86	9.88	9.93	9.91	
		188°	11.93	9.98	9.92	9.90	9.82	9.94	9.99	9.95	9.88	9.84	
		189°	11.81	9.91	9.97	9.92	9.85	9.95	9.90	9.80	9.96	9.88	
		190°	11.86	9.95	9.80	9.91	9.89	9.96	10.00	9.90	9.91	9.96	
		200°	11.96	9.93	9.93	9.92	9.85	9.81	9.89	9.96	9.92	9.98	
		210°	11.91	9.95	9.97	9.99	9.88	9.83	9.94	9.99	9.82	9.81	
		220°	11.94	9.88	10.00	9.96	9.87	9.80	9.82	9.82	9.99	9.98	
	Tablet	230°	12.00	9.99	9.88	9.89	9.96	9.90	9.88	9.95	9.90	9.85	
		240°	11.94	9.84	9.82	9.83	9.98	10.00	9.95	9.84	9.96	9.81	
		250°	11.99	9.89	9.86	9.88	9.80	9.90	9.99	9.93	9.99	9.89	
		260°	11.86	9.91	9.81	9.99	9.88	9.98	9.89	9.83	9.84	9.84	
		270°	11.97	9.87	9.96	9.86	9.98	9.91	9.99	9.86	9.92	9.83	
		280°	11.97	9.87	9.82	10.00	9.85	9.81	9.99	9.99	9.93	9.84	
		290°	11.89	9.85	9.91	9.90	9.88	9.97	9.86	9.87	9.80	9.97	
		300°	11.91	9.88	9.80	9.84	9.86	9.97	9.80	9.95	9.95	9.99	
		310°	11.88	9.84	9.89	9.87	9.92	9.95	9.87	9.83	9.85	9.89	
		320°	11.96	9.81	9.85	9.88	10.00	9.86	10.00	9.84	9.84	9.91	
	Tablet	330°	11.89	9.82	9.96	9.89	9.97	9.99	9.85	9.80	9.84	9.80	
		340°	11.97	9.92	9.81	9.95	9.81	10.00	9.92	10.00	9.98	9.96	
		350°	11.89	10.00	9.91	9.83	9.99	9.97	9.82	9.96	9.82	9.95	
		360°	11.83	9.95	9.94	9.96	9.93	9.97	9.99	9.89	9.89	9.89	
		350°	11.87	9.97	9.89	9.86	9.87	10.00	9.96	10.00	9.93	9.95	
		340°	11.85	9.85	9.86	9.82	9.99	10.00	9.95	9.90	9.84	9.80	
		330°	11.82	9.83	9.93	9.98	9.95	9.98	9.81	9.94	9.89	9.86	
		320°	11.99	9.96	9.95	9.84	9.91	9.93	9.96	9.93	9.96	9.96	
		310°	11.83	9.99	9.82	9.80	9.85	10.00	9.89	9.96	9.96	9.91	
		300°	11.91	9.91	9.80	9.86	9.98	9.93	9.94	9.88	9.84	9.94	
	Laptop	290°	11.99	10.00	9.82	9.99	9.99	10.00	9.85	9.88	9.92	9.88	
		280°	11.89	9.83	9.88	9.89	9.92	9.90	9.88	9.84	9.83	9.84	
		270°	11.88	9.89	9.96	9.98	9.89	9.80	9.81	9.88	9.82	9.92	
		260°	11.93	9.96	9.99	9.85	9.85	9.92	9.88	9.82	9.89	9.94	
		250°	11.85	9.86	9.90	9.93	9.99	9.85	9.82	9.87	10.00	9.93	
		240°	11.98	9.92	10.00	9.96	9.94	9.85	9.84	10.00	9.94	9.82	
		230°	12.00	9.80	9.81	9.99	9.95	9.88	9.80	9.83	9.87	9.83	
		220°	11.91	9.95	9.83	9.98	9.80	9.82	9.86	9.84	9.96	9.98	
		210°	11.95	9.99	9.80	9.86	9.93	9.91	9.88	9.93	9.82	9.85	
		200°	11.84	9.95	9.81	9.90	9.95	9.92	9.87	9.83	9.81	9.86	
	Laptop	190°	11.85	9.86	9.91	9.86	9.93	9.95	9.83	9.83	9.80	9.85	
		180°	11.95	9.82	9.90	9.97	10.00	9.81	9.91	9.80	9.83	9.93	
		170°	11.99	9.94	9.90	9.84	9.95	9.85	12.49	12.35	12.40	12.36	
		175°	11.99	9.92	9.96	9.95	9.87	9.84	12.44	12.32	12.46	12.46	
		Tablet	180°	11.95	10.00	9.80	9.93	9.84	9.88	9.90	9.97	9.89	9.82
			179°	11.98	10.00	9.80	9.82	9.92	9.83	12.42	12.47	12.35	12.36
			178°	11.89	9.88	9.88	10.00	9.81	9.99	12.39	12.41	12.45	12.42
			177°	11.96	9.85	9.98	9.88	9.89	9.94	12.42	12.35	12.34	12.32
			176°	11.88	9.98	9.90	9.88	9.98	9.93	12.44	12.46	12.31	12.39
			175°	11.98	9.81	9.83	9.97	9.83	9.82	12.49	12.37	12.47	12.45
	174°		11.89	9.94	9.98	9.97	9.99	9.81	12.49	12.38	12.33	12.40	
	173°		12.00	9.83	9.86	9.84	9.84	9.80	12.37	12.36	12.39	12.36	
	172°		11.90	10.00	9.91	10.00	9.95	9.91	12.49	12.31	12.32	12.36	
	171°		11.82	9.86	10.00	9.96	9.92	9.96	12.48	12.47	12.45	12.30	
	Laptop	170°	11.82	9.90	9.85	9.92	9.83	9.87	12.43	12.33	12.43	12.33	
		160°	11.82	9.85	9.81	9.81	9.91	9.93	12.30	12.48	12.30	12.36	
		150°	11.80	9.83	9.83	9.83	9.92	9.93	12.40	12.32	12.46	12.42	
140°		11.80	9.86	9.89	9.96	9.98	9.81	12.42	12.40	12.44	12.41		
130°		11.95	9.83	9.93	9.87	9.99	9.93	12.43	12.43	12.48	12.38		
120°		12.00	9.84	9.85	9.83	9.95	9.86	12.30	12.34	12.36	12.38		
110°		11.87	9.82	9.95	9.96	9.95	9.98	12.46	12.41	12.43	12.43		
100°		11.87	9.96	9.95	9.94	9.95	9.87	12.43	12.43	12.39	12.49		
90°		11.82	9.84	9.96	9.96	9.85	9.88	12.42	12.48	12.32	12.33		
80°		11.1											

Antenna	Operation mode	Lid angle	802.11b	802.11a(160M) 5.2G	802.11a(160M) 5.3G	802.11a(160M) 5.6G	802.11a(160M) 5.8G	802.11a(160M) 5.9G	802.11b(320M) 6.2G	802.11b(320M) 6.5G	802.11b(320M) 6.7G	802.11b(320M) 7.0G	
Aux	Lid close	0°	11.80	10.45	10.36	10.44	10.33	10.45	12.33	12.41	12.37	12.34	
		10°	11.81	10.50	10.41	10.49	10.30	10.44	12.44	12.30	12.38	12.39	
	Laptop	20°	11.89	10.39	10.44	10.46	10.48	10.38	12.48	12.47	12.45	12.40	
		30°	11.82	10.30	10.49	10.45	10.50	10.46	12.39	12.36	12.40	12.49	
	Lid close	25°	11.87	10.48	10.31	10.38	10.41	10.38	12.37	12.39	12.34	12.32	
		26°	11.82	10.48	10.31	10.47	10.40	10.31	12.31	12.48	12.49	12.37	
	Lid close	27°	11.97	10.41	10.49	10.49	10.46	10.45	12.50	12.46	12.48	12.38	
		28°	11.90	10.49	10.47	10.43	10.48	10.31	12.46	12.35	12.30	12.47	
	Lid close	29°	11.82	10.36	10.31	10.32	10.41	10.41	12.34	12.48	12.33	12.34	
		30°	11.97	10.35	10.41	10.45	10.35	10.34	12.30	12.39	12.42	12.35	
	Laptop	31°	11.85	10.49	10.48	10.38	10.40	10.36	12.33	12.30	12.44	12.33	
		32°	11.89	10.38	10.40	10.39	10.34	10.31	12.45	12.33	12.49	12.41	
		33°	11.90	10.45	10.39	10.31	10.40	10.45	12.46	12.31	12.36	12.30	
		34°	11.88	10.35	10.40	10.38	10.31	10.46	12.40	12.48	12.40	12.47	
		35°	11.99	10.34	10.31	10.45	10.30	10.46	12.38	12.48	12.30	12.37	
		36°	11.81	10.48	10.46	10.41	10.31	10.35	12.43	12.30	12.41	12.30	
		37°	11.84	10.42	10.46	10.36	10.33	10.34	12.41	12.34	12.46	12.30	
		38°	11.85	10.50	10.48	10.46	10.30	10.30	12.38	12.48	12.36	12.36	
		39°	12.00	10.50	10.34	10.46	10.40	10.47	12.47	12.47	12.40	12.41	
		40°	11.83	10.34	10.32	10.34	10.35	10.46	12.31	12.41	12.36	12.39	
		50°	11.87	10.37	10.33	10.39	10.41	10.42	12.35	12.32	12.38	12.31	
		60°	11.88	10.33	10.44	10.50	10.43	10.44	12.49	12.43	12.46	12.42	
		70°	11.97	10.40	10.45	10.36	10.42	10.31	12.42	12.46	12.30	12.30	
		80°	11.99	10.48	10.42	10.47	10.49	10.30	12.44	12.38	12.50	12.50	
		90°	11.85	10.31	10.42	10.41	10.30	10.39	12.43	12.45	12.48	12.34	
		100°	11.88	10.47	10.33	10.49	10.44	10.36	12.48	12.37	12.48	12.44	
		110°	11.83	10.30	10.37	10.42	10.48	10.47	12.40	12.37	12.35	12.38	
		120°	11.97	10.39	10.32	10.31	10.33	10.48	12.37	12.39	12.30	12.39	
		130°	11.85	10.45	10.36	10.31	10.31	10.41	12.36	12.32	12.44	12.31	
		140°	11.99	10.48	10.47	10.35	10.48	10.41	12.39	12.30	12.45	12.32	
	150°	11.91	10.35	10.36	10.41	10.41	10.33	12.30	12.31	12.33	12.38		
	160°	11.84	10.32	10.41	10.36	10.41	10.43	12.47	12.36	12.33	12.47		
	170°	11.90	10.46	10.50	10.31	10.49	10.37	12.39	12.45	12.34	12.41		
	Tablet	180°	11.98	9.84	9.98	9.91	9.94	9.93	10.45	10.32	10.44	10.37	
		175°	11.99	10.34	10.49	10.33	10.35	10.40	12.33	12.37	12.32	12.33	
	Laptop	176°	11.86	10.39	10.32	10.46	10.37	10.45	12.35	12.38	12.46	12.44	
		177°	11.86	10.48	10.46	10.42	10.33	10.41	12.34	12.35	12.32	12.35	
	Laptop	178°	12.00	10.36	10.32	10.30	10.42	10.41	12.31	12.30	12.47	12.50	
		179°	11.83	10.49	10.32	10.41	10.31	10.42	12.42	12.40	12.49	12.32	
	Aux	Laptop	180°	11.81	9.90	9.98	9.98	9.81	9.83	10.31	10.38	10.48	10.31
			181°	11.87	9.89	9.94	9.81	9.88	9.98	10.31	10.48	10.33	10.35
			182°	11.86	10.00	9.80	9.85	10.00	9.87	10.30	10.45	10.35	10.32
			183°	11.98	9.95	9.96	9.87	9.97	9.85	10.48	10.48	10.47	10.39
			184°	11.95	9.91	9.90	9.80	9.88	9.86	10.37	10.35	10.48	10.36
			185°	11.88	9.87	9.81	9.86	9.84	9.81	10.42	10.44	10.44	10.32
			186°	11.85	9.97	9.97	9.88	9.97	10.00	10.44	10.34	10.49	10.49
			187°	11.98	9.83	9.82	9.96	9.85	9.89	10.37	10.45	10.42	10.47
			188°	11.99	9.91	9.81	9.98	9.94	9.88	10.46	10.50	10.44	10.44
			189°	11.86	9.94	9.93	9.98	9.94	9.99	10.46	10.41	10.31	10.44
			190°	11.82	9.81	9.86	9.80	9.89	9.83	10.32	10.33	10.33	10.49
			200°	11.86	9.83	9.91	9.89	9.95	9.94	10.45	10.45	10.35	10.39
			210°	11.99	9.93	9.87	9.90	9.80	9.85	10.34	10.30	10.31	10.33
			220°	11.83	9.98	9.83	9.83	9.94	9.97	10.30	10.39	10.48	10.34
			230°	11.95	9.99	9.87	9.87	9.96	9.89	10.47	10.30	10.48	10.40
			240°	11.93	9.98	9.97	9.96	9.81	9.87	10.46	10.44	10.43	10.49
			250°	11.81	9.87	9.94	9.94	9.95	9.93	10.40	10.37	10.43	10.44
			260°	11.83	9.81	9.81	9.98	9.96	9.99	10.40	10.38	10.47	10.41
			270°	11.92	9.96	9.85	9.87	9.93	10.00	10.39	10.40	10.32	10.37
			280°	12.00	9.85	9.90	9.87	9.81	9.97	10.33	10.48	10.45	10.42
		290°	11.92	9.87	9.82	9.91	9.88	9.98	10.36	10.36	10.32	10.35	
		300°	11.99	9.94	9.83	9.83	9.88	9.84	10.47	10.40	10.37	10.36	
		Tablet	310°	11.94	9.83	9.98	9.86	9.91	9.83	10.45	10.38	10.32	10.49
			320°	11.98	9.81	9.87	9.89	9.99	9.91	10.44	10.37	10.46	10.47
			330°	11.87	9.92	9.86	9.81	9.81	9.90	10.50	10.43	10.38	10.34
			340°	11.97	9.88	9.98	9.82	9.95	9.87	10.39	10.40	10.31	10.35
			350°	11.86	9.97	10.00	9.85	9.86	9.91	10.39	10.38	10.46	10.36
			360°	11.82	9.95	9.81	9.86	9.86	9.86	10.37	10.39	10.37	10.46
			350°	11.92	10.00	9.80	9.82	9.87	9.80	10.34	10.44	10.48	10.50
			340°	11.96	10.00	10.00	9.85	9.93	9.91	10.43	10.45	10.39	10.45
			330°	11.94	9.83	9.90	9.85	9.80	9.93	10.43	10.41	10.46	10.43
			320°	11.99	9.93	9.96	9.93	9.89	9.84	10.42	10.39	10.42	10.30
			310°	11.82	9.92	9.85	9.83	9.82	9.88	10.45	10.44	10.35	10.32
			300°	11.87	9.90	9.99	9.92	9.92	9.96	10.33	10.47	10.48	10.48
			290°	11.91	9.93	9.91	9.83	10.00	9.85	10.46	10.47	10.43	10.32
			280°	11.98	9.94	9.95	9.81	9.85	9.85	10.39	10.33	10.50	10.45
			270°	11.92	10.00	9.84	9.86	9.98	9.99	10.46	10.37	10.47	10.38
			260°	11.90	9.91	9.82	9.84	9.88	9.95	10.50	10.50	10.44	10.47
			250°	11.83	9.83	9.85	9.97	10.00	10.00	10.37	10.49	10.43	10.49
			240°	11.88	9.81	9.92	9.83	9.82	9.95	10.40	10.39	10.33	10.44
			230°	11.97	9.89	10.00	9.86	9.89	9.95	10.32	10.33	10.47	10.41
			220°	11.98	9.93	9.90	9.89	9.88	9.94	10.37	10.44	10.40	10.31
		210°	11.80	9.84	9.82	9.95	9.92	9.90	10.31	10.39	10.48	10.49	
		200°	11.94	9.89	9.95	9.81	9.87	9.90	10.40	10.50	10.49	10.48	
		190°	11.94	9.85	9.89	9.86	10.00	9.98	10.50	10.37	10.47	10.36	
		180°	11.98	9.85	9.85	9.82	9.80	9.86	10.31	10.31	10.43	10.37	
		Laptop	170°	11.85	10.46	10.37	10.42	10.44	10.32	12.35	12.46	12.49	12.39
			175°	11.93	10.42	10.50	10.32	10.32	10.40	12.41	12.35	12.42	12.45
		Tablet	180°	11.92	9.92	9.99	9.93	9.96	9.94	10.37	10.47	10.50	10.44
			179°	11.83	10.34	10.44	10.34	10.37	10.40	12.50	12.49	12.30	12.49
		Laptop	178°	11.86	10.48	10.42	10.38	10.38	10.35	12.41	12.38	12.47	12.44
			177°	11.94	10.34	10.31	10.32	10.48	10.30	12.41	12.42	12.45	12.32
			176°	11.86	10.38	10.31	10.48	10.46	10.33	12.33	12.47	12.30	12.32
			175°	12.00	10.34	10.44	10.37	10.30	10.32	12.34	12.40	12.45	12.34
			174°	11.97	10.41	10.49	10.50	10.47	10.48	12.46	12.37	12.36	12.49
			173°	11.93	10.50	10.40	10.31	10.46	10.50	12.38	12.33	12.31	12.41
			172°	11.95	10.46	10.42	10.42	10.35	10.34	12.34	12.35	12.40	12.50
			171°	12.00	10.43	10.43	10.31	10.43	10.36	12.31	12.42	12.30	12.30
			170°	11.98	10.42	10.31	10.48	10.46	10.47	12.39	12.37	12.48	12.44
			160°	11.86	10.40	10.46	10.31	10.31	10.38	12.31	12.42	12.47	12.39
			150°	11.84	10.43	10.44	10.31	10.32	10.40	12.42	12.35	12.36	12.38
140°			11.86	10.47	10.48	10.36	10.36	10.45	12.40	12.47	12.41	12.38	
130°			11.96	10.44	10.40								

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

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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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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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

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	12.00	11.89
		6	2437		12.00	11.95
		11	2462		12.00	11.92
	802.11g	1	2412	6Mbps	12.00	11.94
		6	2437		12.00	11.76
		11	2462		12.00	11.92
	802.11n20-HT0	1	2412	MCS0	12.00	11.82
		6	2437		12.00	11.90
		11	2462		12.00	11.84
	802.11ax20-HE0	1	2412	MCS0	12.00	11.89
		6	2437		12.00	11.95
		11	2462		12.00	11.76
	802.11be20-EHT0	1	2412	MCS0	12.00	11.78
		6	2437		12.00	11.90
		11	2462		12.00	11.80
	802.11n40-HT0	3	2422	MCS0	12.00	11.90
		6	2437		12.00	11.80
		9	2452		12.00	11.88
	802.11ax40-HE0	3	2422	MCS0	12.00	11.90
		6	2437		12.00	11.90
		9	2452		12.00	11.95
	802.11be40-EHT0	3	2422	MCS0	12.00	11.93
		6	2437		12.00	11.79
		9	2452		12.00	11.76

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f (886-2) 2298-0488

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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	10.00	9.89
		40	5200		10.00	9.90
		44	5220		10.00	9.73
		48	5240		10.00	9.73
	802.11n20-HT0	36	5180	MCS0	10.00	9.79
		40	5200		10.00	9.87
		44	5220		10.00	9.82
		48	5240		10.00	9.73
	802.11ax20-HE0	36	5180	MCS0	10.00	9.82
		40	5200		10.00	9.76
		44	5220		10.00	9.92
		48	5240		10.00	9.80
	802.11be20-EHT0	36	5180	MCS0	10.00	9.90
		40	5200		10.00	9.81
		44	5220		10.00	9.91
		48	5240		10.00	9.81
	802.11n40-HT0	38	5190	MCS0	10.00	9.91
		46	5230		10.00	9.88
	802.11ax40-HE0	38	5190	MCS0	10.00	9.80
		46	5230		10.00	9.83
	802.11be40-EHT0	38	5190	MCS0	10.00	9.78
		46	5230		10.00	9.84
	802.11ac80-VHT0	42	5210	MCS0	10.00	9.77
	802.11ax80-HE0	42	5210	MCS0	10.00	9.73
	802.11be80-EHT0	42	5210	MCS0	10.00	9.81
	802.11ac160-VHT0	50	5250	MCS0	10.00	9.92
	802.11ax160-HE0	50	5250	MCS0	10.00	9.74
	802.11be160-EHT0	50	5250	MCS0	10.00	9.76

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Main						
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	10.00	9.86
		56	5280		10.00	9.90
		60	5300		10.00	9.79
		64	5320		10.00	9.79
	802.11n20-HT0	52	5260	MCS0	10.00	9.75
		56	5280		10.00	9.83
		60	5300		10.00	9.75
		64	5320		10.00	9.87
	802.11ax20-HE0	52	5260	MCS0	10.00	9.84
		56	5280		10.00	9.83
		60	5300		10.00	9.94
		64	5320		10.00	9.84
	802.11be20-EHT0	52	5260	MCS0	10.00	9.76
		56	5280		10.00	9.82
		60	5300		10.00	9.79
		64	5320		10.00	9.75
	802.11n40-HT0	54	5270	MCS0	10.00	9.91
		62	5310		10.00	9.77
	802.11ax40-HE0	54	5270	MCS0	10.00	9.76
		62	5310		10.00	9.95
	802.11be40-EHT0	54	5270	MCS0	10.00	9.93
		62	5310		10.00	9.79
	802.11ac80-VHT0	58	5290	MCS0	10.00	9.98
	802.11ax80-HE0	58	5290	MCS0	10.00	9.90
	802.11be80-EHT0	58	5290	MCS0	10.00	9.94

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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	9.80
		120	5600		10.00	9.85
		140	5700		10.00	9.88
		144	5720		10.00	9.95
	802.11n20-HT0	100	5500	MCS0	10.00	9.78
		120	5600		10.00	9.91
		140	5700		10.00	9.89
		144	5720		10.00	9.93
	802.11ax20-HE0	100	5500	MCS0	10.00	9.92
		120	5600		10.00	9.85
		140	5700		10.00	9.84
		144	5720		10.00	9.93
	802.11be20-EHT0	100	5500	MCS0	10.00	9.75
		120	5600		10.00	9.91
		140	5700		10.00	9.80
		144	5720		10.00	9.91
	802.11n40-HT0	102	5510	MCS0	10.00	9.93
		118	5590		10.00	9.82
		134	5670		10.00	9.93
		142	5710		10.00	9.91
	802.11ax40-HE0	102	5510	MCS0	10.00	9.87
		118	5590		10.00	9.93
		134	5670		10.00	9.81
		142	5710		10.00	9.89
	802.11be40-EHT0	102	5510	MCS0	10.00	9.79
		118	5590		10.00	9.88
		134	5670		10.00	9.88
		142	5710		10.00	9.79
	802.11ac80-VHT0	106	5530	MCS0	10.00	9.78
		122	5610		10.00	9.89
		138	5690		10.00	9.90
	802.11ax80-HE0	106	5530	MCS0	10.00	9.95
		122	5610		10.00	9.86
		138	5690		10.00	9.87
	802.11be80-EHT0	106	5530	MCS0	10.00	9.94
		122	5610		10.00	9.77
		138	5690		10.00	9.75
	802.11ac160-VHT0	114	5570	MCS0	10.00	9.99
	802.11ax160-HE0	114	5570	MCS0	10.00	9.76
	802.11be160-EHT0	114	5570	MCS0	10.00	9.92

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5.8GHz	802.11a	149	5745	6Mbps	10.00	9.82
		157	5785		10.00	9.83
		165	5825		10.00	9.88
	802.11n20-HT0	149	5745	MCS0	10.00	9.94
		157	5785		10.00	9.79
		165	5825		10.00	9.79
	802.11ax20-HE0	149	5745	MCS0	10.00	9.94
		157	5785		10.00	9.83
		165	5825		10.00	9.85
	802.11be20-EHT0	149	5745	MCS0	10.00	9.86
		157	5785		10.00	9.86
		165	5825		10.00	9.82
	802.11n40-HT0	151	5755	MCS0	10.00	9.80
		159	5795		10.00	9.86
	802.11ax40-HE0	151	5755	MCS0	10.00	9.79
		159	5795		10.00	9.80
	802.11be40-EHT0	151	5755	MCS0	10.00	9.91
		159	5795		10.00	9.83
	802.11ac80-VHT0	155	5775	MCS0	10.00	9.97
	802.11ax80-HE0	155	5775	MCS0	10.00	9.77
	802.11be80-EHT0	155	5775	MCS0	10.00	9.81

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5.9GHz	802.11a	169	5845	6Mbps	10.00	9.94
		173	5865		10.00	9.92
		177	5885		10.00	9.81
	802.11n20-HT0	169	5845	MCS0	10.00	9.82
		173	5865		10.00	9.91
		177	5885		10.00	9.94
	802.11ax20-HE0	169	5845	MCS0	10.00	9.76
		173	5865		10.00	9.80
		177	5885		10.00	9.84
	802.11be20-EHT0	169	5845	MCS0	10.00	9.87
		173	5865		10.00	9.76
		177	5885		10.00	9.90
	802.11n40-HT0	167	5835	MCS0	10.00	9.81
		175	5875		10.00	9.75
	802.11ax40-HE0	167	5835	MCS0	10.00	9.89
		175	5875		10.00	9.76
	802.11be40-EHT0	167	5835	MCS0	10.00	9.83
		175	5875		10.00	9.89
	802.11ac80-VHT0	171	5855	MCS0	10.00	9.86
	802.11ax80-HE0	171	5855	MCS0	10.00	9.89
	802.11be80-EHT0	171	5855	MCS0	10.00	9.91
	802.11ac160-VHT0	163	5815	MCS0	10.00	9.99
	802.11ax160-HE0	163	5815	MCS0	10.00	9.82
	802.11be160-EHT0	163	5815	MCS0	10.00	9.88

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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	12.00	11.90
		6	2437		12.00	11.92
		11	2462		12.00	11.98
	802.11g	1	2412	6Mbps	12.00	11.84
		6	2437		12.00	11.77
		11	2462		12.00	11.83
	802.11n20-HT0	1	2412	MCS0	12.00	11.90
		6	2437		12.00	11.84
		11	2462		12.00	11.75
	802.11ax20-HE0	1	2412	MCS0	12.00	11.95
		6	2437		12.00	11.90
		11	2462		12.00	11.77
	802.11be20-EHT0	1	2412	MCS0	12.00	11.78
		6	2437		12.00	11.86
		11	2462		12.00	11.83
	802.11n40-HT0	3	2422	MCS0	12.00	11.80
		6	2437		12.00	11.84
		9	2452		12.00	11.79
	802.11ax40-HE0	3	2422	MCS0	12.00	11.81
		6	2437		12.00	11.89
		9	2452		12.00	11.79
	802.11be40-EHT0	3	2422	MCS0	12.00	11.87
		6	2437		12.00	11.76
		9	2452		12.00	11.88

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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	10.50	10.39
		40	5200		10.50	10.39
		44	5220		10.50	10.39
		48	5240		10.50	10.35
	802.11n20-HT0	36	5180	MCS0	10.50	10.37
		40	5200		10.50	10.25
		44	5220		10.50	10.35
		48	5240		10.50	10.25
	802.11ax20-HE0	36	5180	MCS0	10.50	10.39
		40	5200		10.50	10.44
		44	5220		10.50	10.36
		48	5240		10.50	10.38
	802.11be20-EHT0	36	5180	MCS0	10.50	10.44
		40	5200		10.50	10.25
		44	5220		10.50	10.40
		48	5240		10.50	10.37
	802.11n40-HT0	38	5190	MCS0	10.50	10.32
		46	5230		10.50	10.42
	802.11ax40-HE0	38	5190	MCS0	10.50	10.44
		46	5230		10.50	10.27
	802.11be40-EHT0	38	5190	MCS0	10.50	10.26
		46	5230		10.50	10.45
	802.11ac80-VHT0	42	5210	MCS0	10.50	10.28
	802.11ax80-HE0	42	5210	MCS0	10.50	10.30
	802.11be80-EHT0	42	5210	MCS0	10.50	10.39
	802.11ac160-VHT0	50	5250	MCS0	10.50	10.48
	802.11ax160-HE0	50	5250	MCS0	10.50	10.32
	802.11be160-EHT0	50	5250	MCS0	10.50	10.33

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	10.50	10.28
		56	5280		10.50	10.41
		60	5300		10.50	10.29
		64	5320		10.50	10.35
	802.11n20-HT0	52	5260	MCS0	10.50	10.31
		56	5280		10.50	10.35
		60	5300		10.50	10.29
		64	5320		10.50	10.29
	802.11ax20-HE0	52	5260	MCS0	10.50	10.42
		56	5280		10.50	10.45
		60	5300		10.50	10.32
		64	5320		10.50	10.31
	802.11be20-EHT0	52	5260	MCS0	10.50	10.31
		56	5280		10.50	10.27
		60	5300		10.50	10.30
		64	5320		10.50	10.42
	802.11n40-HT0	54	5270	MCS0	10.50	10.36
		62	5310		10.50	10.43
	802.11ax40-HE0	54	5270	MCS0	10.50	10.31
		62	5310		10.50	10.42
	802.11be40-EHT0	54	5270	MCS0	10.50	10.36
		62	5310		10.50	10.28
	802.11ac80-VHT0	58	5290	MCS0	10.50	10.48
	802.11ax80-HE0	58	5290	MCS0	10.50	10.28
	802.11be80-EHT0	58	5290	MCS0	10.50	10.32

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.6GHz	802.11a	100	5500	6Mbps	10.50	10.44
		120	5600		10.50	10.44
		140	5700		10.50	10.38
		144	5720		10.50	10.37
	802.11n20-HT0	100	5500	MCS0	10.50	10.40
		120	5600		10.50	10.29
		140	5700		10.50	10.27
		144	5720		10.50	10.33
	802.11ax20-HE0	100	5500	MCS0	10.50	10.27
		120	5600		10.50	10.28
		140	5700		10.50	10.41
		144	5720		10.50	10.40
	802.11be20-EHT0	100	5500	MCS0	10.50	10.44
		120	5600		10.50	10.35
		140	5700		10.50	10.44
		144	5720		10.50	10.41
	802.11n40-HT0	102	5510	MCS0	10.50	10.44
		118	5590		10.50	10.26
		134	5670		10.50	10.31
		142	5710		10.50	10.27
	802.11ax40-HE0	102	5510	MCS0	10.50	10.27
		118	5590		10.50	10.34
		134	5670		10.50	10.27
		142	5710		10.50	10.31
	802.11be40-EHT0	102	5510	MCS0	10.50	10.39
		118	5590		10.50	10.26
		134	5670		10.50	10.34
		142	5710		10.50	10.35
	802.11ac80-VHT0	106	5530	MCS0	10.50	10.35
		122	5610		10.50	10.31
		138	5690		10.50	10.30
	802.11ax80-HE0	106	5530	MCS0	10.50	10.42
		122	5610		10.50	10.43
		138	5690		10.50	10.34
	802.11be80-EHT0	106	5530	MCS0	10.50	10.28
		122	5610		10.50	10.40
		138	5690		10.50	10.36
	802.11ac160-VHT0	114	5570	MCS0	10.50	10.49
	802.11ax160-HE0	114	5570	MCS0	10.50	10.36
	802.11be160-EHT0	114	5570	MCS0	10.50	10.32

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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	10.50	10.30
		157	5785		10.50	10.21
		165	5825		10.50	10.21
	802.11n20-HT0	149	5745	MCS0	10.50	10.19
		157	5785		10.50	10.32
		165	5825		10.50	10.39
	802.11ax20-HE0	149	5745	MCS0	10.50	10.27
		157	5785		10.50	10.26
		165	5825		10.50	10.27
	802.11be20-EHT0	149	5745	MCS0	10.50	10.21
		157	5785		10.50	10.35
		165	5825		10.50	10.25
	802.11n40-HT0	151	5755	MCS0	10.50	10.34
		159	5795		10.50	10.33
	802.11ax40-HE0	151	5755	MCS0	10.50	10.22
		159	5795		10.50	10.33
	802.11be40-EHT0	151	5755	MCS0	10.50	10.35
		159	5795		10.50	10.30
	802.11ac80-VHT0	155	5775	MCS0	10.50	10.39
	802.11ax80-HE0	155	5775	MCS0	10.50	10.30
	802.11be80-EHT0	155	5775	MCS0	10.50	10.32

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5.9GHz	802.11a	169	5845	6Mbps	10.50	10.38
		173	5865		10.50	10.33
		177	5885		10.50	10.37
	802.11n20-HT0	169	5845	MCS0	10.50	10.23
		173	5865		10.50	10.24
		177	5885		10.50	10.38
	802.11ax20-HE0	169	5845	MCS0	10.50	10.23
		173	5865		10.50	10.24
		177	5885		10.50	10.22
	802.11be20-EHT0	169	5845	MCS0	10.50	10.27
		173	5865		10.50	10.26
		177	5885		10.50	10.38
	802.11n40-HT0	167	5835	MCS0	10.50	10.33
		175	5875		10.50	10.30
	802.11ax40-HE0	167	5835	MCS0	10.50	10.39
		175	5875		10.50	10.38
	802.11be40-EHT0	167	5835	MCS0	10.50	10.42
		175	5875		10.50	10.37
	802.11ac80-VHT0	171	5855	MCS0	10.50	10.40
	802.11ax80-HE0	171	5855	MCS0	10.50	10.36
	802.11be80-EHT0	171	5855	MCS0	10.50	10.26
	802.11ac160-VHT0	163	5815	MCS0	10.50	10.42
	802.11ax160-HE0	163	5815	MCS0	10.50	10.34
	802.11be160-EHT0	163	5815	MCS0	10.50	10.38

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f (886-2) 2298-0488

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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	12.00	11.89
		6	2437		12.00	11.95
		11	2462		12.00	11.92
	802.11g	1	2412	6Mbps	12.00	11.94
		6	2437		12.00	11.76
		11	2462		12.00	11.92
	802.11n20-HT0	1	2412	MCS0	12.00	11.82
		6	2437		12.00	11.90
		11	2462		12.00	11.84
	802.11ax20-HE0	1	2412	MCS0	12.00	11.89
		6	2437		12.00	11.95
		11	2462		12.00	11.76
	802.11be20-EHT0	1	2412	MCS0	12.00	11.78
		6	2437		12.00	11.90
		11	2462		12.00	11.80
	802.11n40-HT0	3	2422	MCS0	12.00	11.90
		6	2437		12.00	11.80
		9	2452		12.00	11.88
	802.11ax40-HE0	3	2422	MCS0	12.00	11.90
		6	2437		12.00	11.90
		9	2452		12.00	11.95
	802.11be40-EHT0	3	2422	MCS0	12.00	11.93
		6	2437		12.00	11.79
		9	2452		12.00	11.76

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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	10.00	9.89
		40	5200		10.00	9.90
		44	5220		10.00	9.73
		48	5240		10.00	9.73
	802.11n20-HT0	36	5180	MCS0	10.00	9.79
		40	5200		10.00	9.87
		44	5220		10.00	9.82
		48	5240		10.00	9.73
	802.11ax20-HE0	36	5180	MCS0	10.00	9.82
		40	5200		10.00	9.76
		44	5220		10.00	9.92
		48	5240		10.00	9.80
	802.11be20-EHT0	36	5180	MCS0	10.00	9.90
		40	5200		10.00	9.81
		44	5220		10.00	9.91
		48	5240		10.00	9.81
	802.11n40-HT0	38	5190	MCS0	10.00	9.91
		46	5230		10.00	9.88
	802.11ax40-HE0	38	5190	MCS0	10.00	9.80
		46	5230		10.00	9.83
	802.11be40-EHT0	38	5190	MCS0	10.00	9.78
		46	5230		10.00	9.84
	802.11ac80-VHT0	42	5210	MCS0	10.00	9.77
	802.11ax80-HE0	42	5210	MCS0	10.00	9.73
	802.11be80-EHT0	42	5210	MCS0	10.00	9.81
	802.11ac160-VHT0	50	5250	MCS0	10.00	9.92
	802.11ax160-HE0	50	5250	MCS0	10.00	9.74
	802.11be160-EHT0	50	5250	MCS0	10.00	9.76

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t (886-2) 2299-3279

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Main						
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	10.00	9.86
		56	5280		10.00	9.90
		60	5300		10.00	9.79
		64	5320		10.00	9.79
	802.11n20-HT0	52	5260	MCS0	10.00	9.75
		56	5280		10.00	9.83
		60	5300		10.00	9.75
		64	5320		10.00	9.87
	802.11ax20-HE0	52	5260	MCS0	10.00	9.84
		56	5280		10.00	9.83
		60	5300		10.00	9.94
		64	5320		10.00	9.84
	802.11be20-EHT0	52	5260	MCS0	10.00	9.76
		56	5280		10.00	9.82
		60	5300		10.00	9.79
		64	5320		10.00	9.75
	802.11n40-HT0	54	5270	MCS0	10.00	9.91
		62	5310		10.00	9.77
	802.11ax40-HE0	54	5270	MCS0	10.00	9.76
		62	5310		10.00	9.95
	802.11be40-EHT0	54	5270	MCS0	10.00	9.93
		62	5310		10.00	9.79
	802.11ac80-VHT0	58	5290	MCS0	10.00	9.98
	802.11ax80-HE0	58	5290	MCS0	10.00	9.90
	802.11be80-EHT0	58	5290	MCS0	10.00	9.94

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f (886-2) 2298-0488

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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	9.80
		120	5600		10.00	9.85
		140	5700		10.00	9.88
		144	5720		10.00	9.95
	802.11n20-HT0	100	5500	MCS0	10.00	9.78
		120	5600		10.00	9.91
		140	5700		10.00	9.89
		144	5720		10.00	9.93
	802.11ax20-HE0	100	5500	MCS0	10.00	9.92
		120	5600		10.00	9.85
		140	5700		10.00	9.84
		144	5720		10.00	9.93
	802.11be20-EHT0	100	5500	MCS0	10.00	9.75
		120	5600		10.00	9.91
		140	5700		10.00	9.80
		144	5720		10.00	9.91
	802.11n40-HT0	102	5510	MCS0	10.00	9.93
		118	5590		10.00	9.82
		134	5670		10.00	9.93
		142	5710		10.00	9.91
	802.11ax40-HE0	102	5510	MCS0	10.00	9.87
		118	5590		10.00	9.93
		134	5670		10.00	9.81
		142	5710		10.00	9.89
	802.11be40-EHT0	102	5510	MCS0	10.00	9.79
		118	5590		10.00	9.88
		134	5670		10.00	9.88
		142	5710		10.00	9.79
	802.11ac80-VHT0	106	5530	MCS0	10.00	9.78
		122	5610		10.00	9.89
		138	5690		10.00	9.90
	802.11ax80-HE0	106	5530	MCS0	10.00	9.95
		122	5610		10.00	9.86
		138	5690		10.00	9.87
	802.11be80-EHT0	106	5530	MCS0	10.00	9.94
		122	5610		10.00	9.77
		138	5690		10.00	9.75
	802.11ac160-VHT0	114	5570	MCS0	10.00	9.99
	802.11ax160-HE0	114	5570	MCS0	10.00	9.76
	802.11be160-EHT0	114	5570	MCS0	10.00	9.92

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f (886-2) 2298-0488

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Main						
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	9.82
		157	5785		10.00	9.83
		165	5825		10.00	9.88
	802.11n20-HT0	149	5745	MCS0	10.00	9.94
		157	5785		10.00	9.79
		165	5825		10.00	9.79
	802.11ax20-HE0	149	5745	MCS0	10.00	9.94
		157	5785		10.00	9.83
		165	5825		10.00	9.85
	802.11be20-EHT0	149	5745	MCS0	10.00	9.86
		157	5785		10.00	9.86
		165	5825		10.00	9.82
	802.11n40-HT0	151	5755	MCS0	10.00	9.80
		159	5795		10.00	9.86
	802.11ax40-HE0	151	5755	MCS0	10.00	9.79
		159	5795		10.00	9.80
	802.11be40-EHT0	151	5755	MCS0	10.00	9.91
		159	5795		10.00	9.83
	802.11ac80-VHT0	155	5775	MCS0	10.00	9.97
	802.11ax80-HE0	155	5775	MCS0	10.00	9.77
	802.11be80-EHT0	155	5775	MCS0	10.00	9.81

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t (886-2) 2299-3279

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)
5.9GHz	802.11a	169	5845	6Mbps	10.00	9.94
		173	5865		10.00	9.92
		177	5885		10.00	9.81
	802.11n20-HT0	169	5845	MCS0	10.00	9.82
		173	5865		10.00	9.91
		177	5885		10.00	9.94
	802.11ax20-HE0	169	5845	MCS0	10.00	9.76
		173	5865		10.00	9.80
		177	5885		10.00	9.84
	802.11be20-EHT0	169	5845	MCS0	10.00	9.87
		173	5865		10.00	9.76
		177	5885		10.00	9.90
	802.11n40-HT0	167	5835	MCS0	10.00	9.81
		175	5875		10.00	9.75
	802.11ax40-HE0	167	5835	MCS0	10.00	9.89
		175	5875		10.00	9.76
	802.11be40-EHT0	167	5835	MCS0	10.00	9.83
		175	5875		10.00	9.89
	802.11ac80-VHT0	171	5855	MCS0	10.00	9.86
	802.11ax80-HE0	171	5855	MCS0	10.00	9.89
	802.11be80-EHT0	171	5855	MCS0	10.00	9.91
	802.11ac160-VHT0	163	5815	MCS0	10.00	9.99
	802.11ax160-HE0	163	5815	MCS0	10.00	9.82
	802.11be160-EHT0	163	5815	MCS0	10.00	9.88

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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	12.00	11.90
		6	2437		12.00	11.92
		11	2462		12.00	11.98
	802.11g	1	2412	6Mbps	12.00	11.84
		6	2437		12.00	11.77
		11	2462		12.00	11.83
	802.11n20-HT0	1	2412	MCS0	12.00	11.90
		6	2437		12.00	11.84
		11	2462		12.00	11.75
	802.11ax20-HE0	1	2412	MCS0	12.00	11.95
		6	2437		12.00	11.90
		11	2462		12.00	11.77
	802.11be20-EHT0	1	2412	MCS0	12.00	11.78
		6	2437		12.00	11.86
		11	2462		12.00	11.83
	802.11n40-HT0	3	2422	MCS0	12.00	11.80
		6	2437		12.00	11.84
		9	2452		12.00	11.79
	802.11ax40-HE0	3	2422	MCS0	12.00	11.81
		6	2437		12.00	11.89
		9	2452		12.00	11.79
	802.11be40-EHT0	3	2422	MCS0	12.00	11.87
		6	2437		12.00	11.76
		9	2452		12.00	11.88

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f (886-2) 2298-0488

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5.15-5.25 GHz	802.11a	36	5180	6Mbps	10.00	9.93
		40	5200		10.00	9.95
		44	5220		10.00	9.78
		48	5240		10.00	9.86
	802.11n20-HT0	36	5180	MCS0	10.00	9.94
		40	5200		10.00	9.82
		44	5220		10.00	9.85
		48	5240		10.00	9.78
	802.11ax20-HE0	36	5180	MCS0	10.00	9.76
		40	5200		10.00	9.78
		44	5220		10.00	9.92
		48	5240		10.00	9.82
	802.11be20-EHT0	36	5180	MCS0	10.00	9.94
		40	5200		10.00	9.89
		44	5220		10.00	9.91
		48	5240		10.00	9.88
	802.11n40-HT0	38	5190	MCS0	10.00	9.90
		46	5230		10.00	9.88
	802.11ax40-HE0	38	5190	MCS0	10.00	9.91
		46	5230		10.00	9.76
	802.11be40-EHT0	38	5190	MCS0	10.00	9.86
		46	5230		10.00	9.94
	802.11ac80-VHT0	42	5210	MCS0	10.00	9.95
	802.11ax80-HE0	42	5210	MCS0	10.00	9.81
	802.11be80-EHT0	42	5210	MCS0	10.00	9.94
	802.11ac160-VHT0	50	5250	MCS0	10.00	9.95
	802.11ax160-HE0	50	5250	MCS0	10.00	9.90
	802.11be160-EHT0	50	5250	MCS0	10.00	9.80

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Aux						
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	10.00	9.80
		56	5280		10.00	9.92
		60	5300		10.00	9.81
		64	5320		10.00	9.84
	802.11n20-HT0	52	5260	MCS0	10.00	9.89
		56	5280		10.00	9.81
		60	5300		10.00	9.94
		64	5320		10.00	9.81
	802.11ax20-HE0	52	5260	MCS0	10.00	9.89
		56	5280		10.00	9.82
		60	5300		10.00	9.88
		64	5320		10.00	9.82
	802.11be20-EHT0	52	5260	MCS0	10.00	9.80
		56	5280		10.00	9.88
		60	5300		10.00	9.89
		64	5320		10.00	9.78
	802.11n40-HT0	54	5270	MCS0	10.00	9.78
		62	5310		10.00	9.87
	802.11ax40-HE0	54	5270	MCS0	10.00	9.91
		62	5310		10.00	9.77
	802.11be40-EHT0	54	5270	MCS0	10.00	9.87
		62	5310		10.00	9.90
	802.11ac80-VHT0	58	5290	MCS0	10.00	9.97
	802.11ax80-HE0	58	5290	MCS0	10.00	9.92
	802.11be80-EHT0	58	5290	MCS0	10.00	9.92

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Aux						
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	9.87
		120	5600		10.00	9.86
		140	5700		10.00	9.79
		144	5720		10.00	9.80
	802.11n20-HT0	100	5500	MCS0	10.00	9.90
		120	5600		10.00	9.87
		140	5700		10.00	9.90
		144	5720		10.00	9.93
	802.11ax20-HE0	100	5500	MCS0	10.00	9.93
		120	5600		10.00	9.88
		140	5700		10.00	9.90
		144	5720		10.00	9.90
	802.11be20-EHT0	100	5500	MCS0	10.00	9.91
		120	5600		10.00	9.83
		140	5700		10.00	9.83
		144	5720		10.00	9.88
	802.11n40-HT0	102	5510	MCS0	10.00	9.91
		118	5590		10.00	9.81
		134	5670		10.00	9.88
		142	5710		10.00	9.77
	802.11ax40-HE0	102	5510	MCS0	10.00	9.79
		118	5590		10.00	9.94
		134	5670		10.00	9.83
		142	5710		10.00	9.93
	802.11be40-EHT0	102	5510	MCS0	10.00	9.83
		118	5590		10.00	9.92
		134	5670		10.00	9.80
		142	5710		10.00	9.81
	802.11ac80-VHT0	106	5530	MCS0	10.00	9.81
		122	5610		10.00	9.92
		138	5690		10.00	9.87
	802.11ax80-HE0	106	5530	MCS0	10.00	9.76
		122	5610		10.00	9.78
		138	5690		10.00	9.81
	802.11be80-EHT0	106	5530	MCS0	10.00	9.91
		122	5610		10.00	9.92
		138	5690		10.00	9.93
	802.11ac160-VHT0	114	5570	MCS0	10.00	9.99
	802.11ax160-HE0	114	5570	MCS0	10.00	9.83
	802.11be160-EHT0	114	5570	MCS0	10.00	9.89

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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	9.79
		157	5785		10.00	9.80
		165	5825		10.00	9.87
	802.11n20-HT0	149	5745	MCS0	10.00	9.76
		157	5785		10.00	9.91
		165	5825		10.00	9.83
	802.11ax20-HE0	149	5745	MCS0	10.00	9.80
		157	5785		10.00	9.87
		165	5825		10.00	9.80
	802.11be20-EHT0	149	5745	MCS0	10.00	9.86
		157	5785		10.00	9.79
		165	5825		10.00	9.78
	802.11n40-HT0	151	5755	MCS0	10.00	9.87
		159	5795		10.00	9.95
	802.11ax40-HE0	151	5755	MCS0	10.00	9.77
		159	5795		10.00	9.79
	802.11be40-EHT0	151	5755	MCS0	10.00	9.83
		159	5795		10.00	9.87
	802.11ac80-VHT0	155	5775	MCS0	10.00	9.98
	802.11ax80-HE0	155	5775	MCS0	10.00	9.80
	802.11be80-EHT0	155	5775	MCS0	10.00	9.87

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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	10.00	9.84
		173	5865		10.00	9.91
		177	5885		10.00	9.94
	802.11n20-HT0	169	5845	MCS0	10.00	9.80
		173	5865		10.00	9.87
		177	5885		10.00	9.80
	802.11ax20-HE0	169	5845	MCS0	10.00	9.85
		173	5865		10.00	9.79
		177	5885		10.00	9.83
	802.11be20-EHT0	169	5845	MCS0	10.00	9.80
		173	5865		10.00	9.82
		177	5885		10.00	9.90
	802.11n40-HT0	167	5835	MCS0	10.00	9.95
		175	5875		10.00	9.95
	802.11ax40-HE0	167	5835	MCS0	10.00	9.93
		175	5875		10.00	9.81
	802.11be40-EHT0	167	5835	MCS0	10.00	9.88
		175	5875		10.00	9.86
	802.11ac80-VHT0	171	5855	MCS0	10.00	9.81
	802.11ax80-HE0	171	5855	MCS0	10.00	9.89
	802.11be80-EHT0	171	5855	MCS0	10.00	9.87
	802.11ac160-VHT0	163	5815	MCS0	10.00	9.98
	802.11ax160-HE0	163	5815	MCS0	10.00	9.88
	802.11be160-EHT0	163	5815	MCS0	10.00	9.94

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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	802.11ax20-HE0	1	5955	MCS0	12.50	12.38
		45	6175		12.50	12.25
		93	6415		12.50	12.33
	802.11be20-EHT0	1	5955	MCS0	12.50	12.41
		45	6175		12.50	12.26
		93	6415		12.50	12.44
	802.11ax40-HE0	3	5965	MCS0	12.50	12.37
		43	6165		12.50	12.26
		91	6405		12.50	12.28
	802.11be40-EHT0	3	5965	MCS0	12.50	12.30
		43	6165		12.50	12.37
		91	6405		12.50	12.40
	802.11ax80-HE0	7	5985	MCS0	12.50	12.37
		39	6145		12.50	12.28
		87	6385		12.50	12.34
	802.11be80-EHT0	7	5985	MCS0	12.50	12.27
		39	6145		12.50	12.34
		87	6385		12.50	12.35
	802.11ax160-HE0	15	6025	MCS0	12.50	12.26
		47	6185		12.50	12.36
		79	6345		12.50	12.33
	802.11be160-EHT0	15	6025	MCS0	12.50	12.32
		47	6185		12.50	12.32
		79	6345		12.50	12.39
	802.11be320-EHT0	31	6105	MCS0	12.50	12.48
		63	6265		12.50	12.49

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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	802.11ax20-HE0	97	6435	MCS0	5.50	5.26
		105	6475		5.50	5.44
		113	6515		5.25	5.09
	802.11be20-EHT0	97	6435	MCS0	5.50	5.36
		105	6475		5.50	5.28
		113	6515		5.25	5.05
	802.11ax40-HE0	99	6445	MCS0	8.50	8.44
		107	6485		8.75	8.68
	802.11be40-EHT0	99	6445	MCS0	8.50	8.42
		107	6485		8.75	8.56
	802.11ax80-HE0	103	6465	MCS0	12.00	11.84
		119	6545		11.75	11.62
	802.11be80-EHT0	103	6465	MCS0	12.00	11.75
		119	6545		11.75	11.62
	802.11ax160-HE0	111	6505	MCS0	12.50	12.31
	802.11be160-EHT0	111	6505	MCS0	12.50	12.32
	802.11be320-EHT0	95	6425	MCS0	12.50	12.47

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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	802.11ax20-HE0	117	6535	MCS0	12.50	12.33
		149	6695		12.50	12.43
		181	6855		12.50	12.31
	802.11be20-EHT0	117	6535	MCS0	12.50	12.26
		149	6695		12.50	12.36
		181	6855		12.50	12.39
	802.11ax40-HE0	115	6525	MCS0	12.50	12.30
		147	6685		12.50	12.39
		179	6845		12.50	12.43
	802.11be40-EHT0	115	6525	MCS0	12.50	12.25
		147	6685		12.50	12.39
		179	6845		12.50	12.35
	802.11ax80-HE0	135	6625	MCS0	12.50	12.42
		151	6705		12.50	12.43
		167	6785		12.50	12.43
	802.11be80-EHT0	135	6625	MCS0	12.50	12.37
		151	6705		12.50	12.40
		167	6785		12.50	12.28
	802.11ax160-HE0	143	6665	MCS0	12.50	12.31
		175	6825		12.50	12.40
	802.11be160-EHT0	143	6665	MCS0	12.50	12.26
		175	6825		12.50	12.29
	802.11be320-EHT0	127	6585	MCS0	12.50	12.42
		159	6745		12.50	12.48

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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	802.11ax20-HE0	185	6875	MCS0	5.50	5.35
		209	6995		5.25	5.19
		233	7115		6.00	5.76
	802.11be20-EHT0	185	6875	MCS0	5.50	5.36
		209	6995		5.25	5.09
		233	7115		6.00	5.82
	802.11ax40-HE0	187	6885	MCS0	8.50	8.37
		227	7085		8.75	8.69
	802.11be40-EHT0	187	6885	MCS0	8.50	8.28
		227	7085		8.75	8.50
	802.11ax80-HE0	183	6865	MCS0	12.00	11.85
		199	6945		11.75	11.51
		215	7025		11.75	11.52
	802.11be80-EHT0	183	6865	MCS0	12.00	11.76
		199	6945		11.75	11.68
		215	7025		11.75	11.62
	802.11ax160-HE0	207	6985	MCS0	12.50	12.41
	802.11be160-EHT0	207	6985	MCS0	12.50	12.40
	802.11be320-EHT0	191	6905	MCS0	12.50	12.46

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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	802.11ax20-HE0	1	5955	MCS0	12.50	12.35
		45	6175		12.50	12.38
		93	6415		12.50	12.36
	802.11be20-EHT0	1	5955	MCS0	12.50	12.31
		45	6175		12.50	12.42
		93	6415		12.50	12.41
	802.11ax40-HE0	3	5965	MCS0	12.50	12.29
		43	6165		12.50	12.39
		91	6405		12.50	12.36
	802.11be40-EHT0	3	5965	MCS0	12.50	12.29
		43	6165		12.50	12.29
		91	6405		12.50	12.31
	802.11ax80-HE0	7	5985	MCS0	12.50	12.33
		39	6145		12.50	12.40
		87	6385		12.50	12.42
	802.11be80-EHT0	7	5985	MCS0	12.50	12.32
		39	6145		12.50	12.25
		87	6385		12.50	12.33
	802.11ax160-HE0	15	6025	MCS0	12.50	12.30
		47	6185		12.50	12.35
		79	6345		12.50	12.41
	802.11be160-EHT0	15	6025	MCS0	12.50	12.38
		47	6185		12.50	12.30
		79	6345		12.50	12.45
	802.11be320-EHT0	31	6105	MCS0	12.50	12.48
		63	6265		12.50	12.41

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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	802.11ax20-HE0	97	6435	MCS0	5.50	5.41
		105	6475		5.50	5.30
		113	6515		5.50	5.36
	802.11be20-EHT0	97	6435	MCS0	5.50	5.33
		105	6475		5.50	5.32
		113	6515		5.50	5.28
	802.11ax40-HE0	99	6445	MCS0	8.75	8.62
		107	6485		8.25	8.05
	802.11be40-EHT0	99	6445	MCS0	8.75	8.63
		107	6485		8.25	8.19
	802.11ax80-HE0	103	6465	MCS0	12.00	11.77
		119	6545		12.00	11.93
	802.11be80-EHT0	103	6465	MCS0	12.00	11.80
		119	6545		12.00	11.86
	802.11ax160-HE0	111	6505	MCS0	12.50	12.32
	802.11be160-EHT0	111	6505	MCS0	12.50	12.37
	802.11be320-EHT0	95	6425	MCS0	12.50	12.48

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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	802.11ax20-HE0	117	6535	MCS0	12.50	12.40
		149	6695		12.50	12.38
		181	6855		12.50	12.27
	802.11be20-EHT0	117	6535	MCS0	12.50	12.43
		149	6695		12.50	12.40
		181	6855		12.50	12.43
	802.11ax40-HE0	115	6525	MCS0	12.50	12.37
		147	6685		12.50	12.38
		179	6845		12.50	12.41
	802.11be40-EHT0	115	6525	MCS0	12.50	12.25
		147	6685		12.50	12.37
		179	6845		12.50	12.33
	802.11ax80-HE0	135	6625	MCS0	12.50	12.38
		151	6705		12.50	12.31
		167	6785		12.50	12.40
	802.11be80-EHT0	135	6625	MCS0	12.50	12.44
		151	6705		12.50	12.38
		167	6785		12.50	12.30
	802.11ax160-HE0	143	6665	MCS0	12.50	12.30
		175	6825		12.50	12.38
	802.11be160-EHT0	143	6665	MCS0	12.50	12.27
		175	6825		12.50	12.37
	802.11be320-EHT0	127	6585	MCS0	12.50	12.47
		159	6745		12.50	12.49

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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	802.11ax20-HE0	185	6875	MCS0	5.50	5.43
		209	6995		5.75	5.67
		233	7115		5.75	5.61
	802.11be20-EHT0	185	6875	MCS0	5.50	5.41
		209	6995		5.75	5.55
		233	7115		5.75	5.57
	802.11ax40-HE0	187	6885	MCS0	8.25	8.08
		227	7085		8.75	8.68
	802.11be40-EHT0	187	6885	MCS0	8.25	8.05
		227	7085		8.75	8.54
	802.11ax80-HE0	183	6865	MCS0	11.75	11.57
		199	6945		12.00	11.75
		215	7025		11.75	11.64
	802.11be80-EHT0	183	6865	MCS0	11.75	11.68
		199	6945		12.00	11.93
		215	7025		11.75	11.56
	802.11ax160-HE0	207	6985	MCS0	12.50	12.33
	802.11be160-EHT0	207	6985	MCS0	12.50	12.40
	802.11be320-EHT0	191	6905	MCS0	12.50	12.46

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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	802.11ax20-HE0	1	5955	MCS0	10.00	9.91
		45	6175		10.00	9.95
		93	6415		10.00	9.81
	802.11be20-EHT0	1	5955	MCS0	10.00	9.94
		45	6175		10.00	9.88
		93	6415		10.00	9.88
	802.11ax40-HE0	3	5965	MCS0	10.00	9.88
		43	6165		10.00	9.83
		91	6405		10.00	9.86
	802.11be40-EHT0	3	5965	MCS0	10.00	9.81
		43	6165		10.00	9.83
		91	6405		10.00	9.78
	802.11ax80-HE0	7	5985	MCS0	10.00	9.94
		39	6145		10.00	9.88
		87	6385		10.00	9.79
	802.11be80-EHT0	7	5985	MCS0	10.00	9.94
		39	6145		10.00	9.81
		87	6385		10.00	9.78
	802.11ax160-HE0	15	6025	MCS0	10.00	9.83
		47	6185		10.00	9.84
		79	6345		10.00	9.83
	802.11be160-EHT0	15	6025	MCS0	10.00	9.82
		47	6185		10.00	9.92
		79	6345		10.00	9.79
	802.11be320-EHT0	31	6105	MCS0	10.00	9.95
		63	6265		10.00	9.92

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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	802.11ax20-HE0	97	6435	MCS0	5.50	5.37
		105	6475		5.50	5.38
		113	6515		5.25	5.15
	802.11be20-EHT0	97	6435	MCS0	5.50	5.27
		105	6475		5.50	5.42
		113	6515		5.25	5.13
	802.11ax40-HE0	99	6445	MCS0	8.50	8.27
		107	6485		8.75	8.54
	802.11be40-EHT0	99	6445	MCS0	8.50	8.36
		107	6485		8.75	8.65
	802.11ax80-HE0	103	6465	MCS0	10.00	9.75
		119	6545		10.00	9.85
	802.11be80-EHT0	103	6465	MCS0	10.00	9.89
		119	6545		10.00	9.85
	802.11ax160-HE0	111	6505	MCS0	10.00	9.92
	802.11be160-EHT0	111	6505	MCS0	10.00	9.88
	802.11be320-EHT0	95	6425	MCS0	10.00	9.98

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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	802.11ax20-HE0	117	6535	MCS0	10.00	9.89
		149	6695		10.00	9.78
		181	6855		10.00	9.86
	802.11be20-EHT0	117	6535	MCS0	10.00	9.81
		149	6695		10.00	9.92
		181	6855		10.00	9.86
	802.11ax40-HE0	115	6525	MCS0	10.00	9.91
		147	6685		10.00	9.83
		179	6845		10.00	9.93
	802.11be40-EHT0	115	6525	MCS0	10.00	9.76
		147	6685		10.00	9.94
		179	6845		10.00	9.79
	802.11ax80-HE0	135	6625	MCS0	10.00	9.85
		151	6705		10.00	9.85
		167	6785		10.00	9.89
	802.11be80-EHT0	135	6625	MCS0	10.00	9.79
		151	6705		10.00	9.88
		167	6785		10.00	9.85
	802.11ax160-HE0	143	6665	MCS0	10.00	9.75
		175	6825		10.00	9.82
	802.11be160-EHT0	143	6665	MCS0	10.00	9.94
		175	6825		10.00	9.84
	802.11be320-EHT0	127	6585	MCS0	10.00	9.92
		159	6745		10.00	9.96

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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	802.11ax20-HE0	185	6875	MCS0	5.50	5.27
		209	6995		5.25	5.19
		233	7115		6.00	5.79
	802.11be20-EHT0	185	6875	MCS0	5.50	5.31
		209	6995		5.25	5.01
		233	7115		6.00	5.75
	802.11ax40-HE0	187	6885	MCS0	8.50	8.41
		227	7085		8.75	8.61
	802.11be40-EHT0	187	6885	MCS0	8.50	8.34
		227	7085		8.75	8.62
	802.11ax80-HE0	183	6865	MCS0	10.00	9.82
		199	6945		10.00	9.90
		215	7025		10.00	9.81
	802.11be80-EHT0	183	6865	MCS0	10.00	9.83
		199	6945		10.00	9.81
		215	7025		10.00	9.87
	802.11ax160-HE0	207	6985	MCS0	10.00	9.87
	802.11be160-EHT0	207	6985	MCS0	10.00	9.75
	802.11be320-EHT0	191	6905	MCS0	10.00	9.98

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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	802.11ax20-HE0	1	5955	MCS0	10.50	10.34
		45	6175		10.50	10.34
		93	6415		10.50	10.35
	802.11be20-EHT0	1	5955	MCS0	10.50	10.32
		45	6175		10.50	10.26
		93	6415		10.50	10.37
	802.11ax40-HE0	3	5965	MCS0	10.50	10.32
		43	6165		10.50	10.26
		91	6405		10.50	10.32
	802.11be40-EHT0	3	5965	MCS0	10.50	10.28
		43	6165		10.50	10.42
		91	6405		10.50	10.32
	802.11ax80-HE0	7	5985	MCS0	10.50	10.31
		39	6145		10.50	10.26
		87	6385		10.50	10.42
	802.11be80-EHT0	7	5985	MCS0	10.50	10.32
		39	6145		10.50	10.32
		87	6385		10.50	10.43
	802.11ax160-HE0	15	6025	MCS0	10.50	10.29
		47	6185		10.50	10.38
		79	6345		10.50	10.41
	802.11be160-EHT0	15	6025	MCS0	10.50	10.31
		47	6185		10.50	10.38
		79	6345		10.50	10.45
	802.11be320-EHT0	31	6105	MCS0	10.50	10.49
		63	6265		10.50	10.40

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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	802.11ax20-HE0	97	6435	MCS0	5.50	5.26
		105	6475		5.50	5.44
		113	6515		5.50	5.39
	802.11be20-EHT0	97	6435	MCS0	5.50	5.30
		105	6475		5.50	5.39
		113	6515		5.50	5.33
	802.11ax40-HE0	99	6445	MCS0	8.75	8.65
		107	6485		8.25	8.14
	802.11be40-EHT0	99	6445	MCS0	8.75	8.64
		107	6485		8.25	8.08
	802.11ax80-HE0	103	6465	MCS0	10.50	10.25
		119	6545		10.50	10.27
	802.11be80-EHT0	103	6465	MCS0	10.50	10.39
		119	6545		10.50	10.41
	802.11ax160-HE0	111	6505	MCS0	10.50	10.39
	802.11be160-EHT0	111	6505	MCS0	10.50	10.31
	802.11be320-EHT0	95	6425	MCS0	10.50	10.42

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f (886-2) 2298-0488

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Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11ax20-HE0	117	6535	MCS0	10.50	10.44
		149	6695		10.50	10.39
		181	6855		10.50	10.35
	802.11be20-EHT0	117	6535	MCS0	10.50	10.37
		149	6695		10.50	10.38
		181	6855		10.50	10.44
	802.11ax40-HE0	115	6525	MCS0	10.50	10.43
		147	6685		10.50	10.25
		179	6845		10.50	10.44
	802.11be40-EHT0	115	6525	MCS0	10.50	10.36
		147	6685		10.50	10.31
		179	6845		10.50	10.40
	802.11ax80-HE0	135	6625	MCS0	10.50	10.28
		151	6705		10.50	10.38
		167	6785		10.50	10.38
	802.11be80-EHT0	135	6625	MCS0	10.50	10.44
		151	6705		10.50	10.42
		167	6785		10.50	10.42
	802.11ax160-HE0	143	6665	MCS0	10.50	10.26
		175	6825		10.50	10.41
	802.11be160-EHT0	143	6665	MCS0	10.50	10.29
		175	6825		10.50	10.36
	802.11be320-EHT0	127	6585	MCS0	10.50	10.47
		159	6745		10.50	10.42

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Aux						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11ax20-HE0	185	6875	MCS0	5.50	5.31
		209	6995		5.75	5.67
		233	7115		5.75	5.67
	802.11be20-EHT0	185	6875	MCS0	5.50	5.27
		209	6995		5.75	5.64
		233	7115		5.75	5.61
	802.11ax40-HE0	187	6885	MCS0	8.25	8.19
		227	7085		8.75	8.61
	802.11be40-EHT0	187	6885	MCS0	8.25	8.00
		227	7085		8.75	8.55
	802.11ax80-HE0	183	6865	MCS0	10.50	10.31
		199	6945		10.50	10.40
		215	7025		10.50	10.29
	802.11be80-EHT0	183	6865	MCS0	10.50	10.30
		199	6945		10.50	10.34
		215	7025		10.50	10.40
	802.11ax160-HE0	207	6985	MCS0	10.50	10.40
	802.11be160-EHT0	207	6985	MCS0	10.50	10.42
	802.11be320-EHT0	191	6905	MCS0	10.50	10.44

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7.3 Bluetooth

NB

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	8.68	9.00	8.43	9.00	8.42
	CH 39	2441		8.47		8.34		8.33
	CH 78	2480		8.52		8.39		8.36

TB

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	8.00	7.97	8.00	7.89	8.00	7.85
	CH 39	2441		7.88		7.77		7.75
	CH 78	2480		7.92		7.82		7.81

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7.4 BLE

NB

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	9	8.88
	CH 19	2440		8.82
	CH 39	2480		8.84
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	9	8.58
	CH 19	2440		8.52
	CH 39	2480		8.54

TB

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	8	7.84
	CH 19	2440		7.81
	CH 39	2480		7.80
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	8	7.58
	CH 19	2440		7.54
	CH 39	2480		7.51

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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

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	Main	Bottom Surface	0	1	2412	12.00	11.89	1.02	102.57%	0.306	0.321	-
WLAN 802.11b	Main	Bottom Surface	0	6	2437	12.00	11.95	1.02	101.16%	0.350	0.362	001
WLAN 802.11b	Main	Bottom Surface	0	11	2462	12.00	11.92	1.02	101.86%	0.333	0.347	-
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	Main	Bottom Surface	0	50	5250	10.00	9.92	1.01	101.86%	0.267	0.275	002
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Main	Bottom Surface	0	58	5290	10.00	9.98	1.01	100.46%	0.292	0.296	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(160M) 5.6G	Main	Bottom Surface	0	114	5570	10.00	9.99	1.01	100.23%	0.299	0.303	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(80M) 5.8G	Main	Bottom Surface	0	155	5775	10.00	9.97	1.01	100.69%	0.210	0.214	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(160M) 5.9G	Main	Bottom Surface	0	163	5815	10.00	9.99	1.01	100.23%	0.219	0.222	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 802.11b	Aux	Bottom Surface	0	1	2412	12.00	11.90	1.02	102.33%	0.299	0.313	-
WLAN 802.11b	Aux	Bottom Surface	0	6	2437	12.00	11.92	1.02	101.86%	0.319	0.332	-
WLAN 802.11b	Aux	Bottom Surface	0	11	2462	12.00	11.98	1.02	100.46%	0.330	0.339	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	
Bluetooth(GFSK)	Aux	Bottom Surface	0	00	2402	9.00	8.68	1.23	107.65%	0.139	0.184	008
Bluetooth(GFSK)	Aux	Bottom Surface	0	39	2441	9.00	8.47	1.23	112.98%	0.110	0.153	-
Bluetooth(GFSK)	Aux	Bottom Surface	0	78	2480	9.00	8.52	1.23	111.69%	0.128	0.176	-
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	Aux	Bottom Surface	0	50	5250	10.50	10.48	1.01	100.46%	0.292	0.296	009
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Aux	Bottom Surface	0	58	5290	10.50	10.48	1.01	100.46%	0.277	0.281	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(160M) 5.6G	Aux	Bottom Surface	0	114	5570	10.50	10.49	1.01	100.23%	0.298	0.302	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(80M) 5.8G	Aux	Bottom Surface	0	155	5775	10.50	10.39	1.01	102.57%	0.239	0.248	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(160M) 5.9G	Aux	Bottom Surface	0	163	5815	10.50	10.42	1.01	101.86%	0.286	0.294	013

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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)	Main	Bottom Surface	0	31	6105	12.50	12.48	1.01	100.46%	0.522	0.530	3.83	3.886	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Bottom Surface	0	63	6265	12.50	12.49	1.01	100.23%	0.545	0.552	3.86	3.908	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)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Main	Bottom Surface	0	95	6425	12.50	12.47	1.01	100.69%	0.643	0.654	4.45	4.526	015
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)	Main	Bottom Surface	0	127	6585	12.50	12.42	1.01	101.86%	0.671	0.690	4.55	4.681	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Bottom Surface	0	159	6745	12.50	12.48	1.01	100.46%	0.684	0.694	4.67	4.738	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)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Main	Bottom Surface	0	191	6905	12.50	12.46	1.01	100.93%	0.736	0.750	5.02	5.117	017
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)	Aux	Bottom Surface	0	31	6105	12.50	12.48	1.01	100.46%	0.403	0.409	3.00	3.044	018
U-NII-5 6.2GHz 802.11be(320M)	Aux	Bottom Surface	0	63	6265	12.50	12.41	1.01	102.09%	0.390	0.402	2.95	3.042	-
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)	Aux	Bottom Surface	0	95	6425	12.50	12.48	1.01	100.46%	0.492	0.499	3.35	3.399	019
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)	Aux	Bottom Surface	0	127	6585	12.50	12.47	1.01	100.69%	0.533	0.542	3.62	3.682	-
U-NII-7 6.7GHz 802.11be(320M)	Aux	Bottom Surface	0	159	6745	12.50	12.49	1.01	100.23%	0.555	0.562	3.65	3.695	020
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)	Aux	Bottom Surface	0	191	6905	12.50	12.46	1.01	100.93%	0.563	0.574	3.67	3.741	021

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TB

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	Main	Back Surface	0	1	2412	12.00	11.89	1.02	102.57%	0.850	0.892	-
WLAN 802.11b	Main	Back Surface	0	6	2437	12.00	11.95	1.02	101.16%	0.886	0.917	022
WLAN 802.11b	Main	Back Surface	0	11	2462	12.00	11.92	1.02	101.86%	0.869	0.906	-
WLAN 802.11b	Main	Top Edge	0	1	2412	12.00	11.89	1.02	102.57%	0.494	0.518	-
WLAN 802.11b	Main	Top Edge	0	6	2437	12.00	11.95	1.02	101.16%	0.603	0.624	-
WLAN 802.11b	Main	Top Edge	0	11	2462	12.00	11.92	1.02	101.86%	0.662	0.690	-
WLAN 802.11b	Main	Bottom Edge	0	1	2412	12.00	11.89	1.02	102.57%	0.011	0.012	-
WLAN 802.11b	Main	Bottom Edge	0	6	2437	12.00	11.95	1.02	101.16%	0.017	0.018	-
WLAN 802.11b	Main	Bottom Edge	0	11	2462	12.00	11.92	1.02	101.86%	0.014	0.015	-
WLAN 802.11b	Main	Left Edge	0	1	2412	12.00	11.89	1.02	102.57%	0.028	0.029	-
WLAN 802.11b	Main	Left Edge	0	6	2437	12.00	11.95	1.02	101.16%	0.043	0.044	-
WLAN 802.11b	Main	Left Edge	0	11	2462	12.00	11.92	1.02	101.86%	0.035	0.036	-
WLAN 802.11b	Main	Back Surface*	0	6	2437	12.00	11.95	1.02	101.16%	0.874	0.904	-

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	Main	Back Surface	0	50	5250	10.00	9.92	1.01	101.86%	0.733	0.754	023
WLAN 802.11ac(160M) 5.2G	Main	Top Edge	0	50	5250	10.00	9.92	1.01	101.86%	0.599	0.616	-
WLAN 802.11ac(160M) 5.2G	Main	Bottom Edge	0	50	5250	10.00	9.92	1.01	101.86%	0.027	0.028	-
WLAN 802.11ac(160M) 5.2G	Main	Left Edge	0	50	5250	10.00	9.92	1.01	101.86%	0.065	0.067	-

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	Main	Back Surface	0	58	5290	10.00	9.98	1.01	100.46%	0.706	0.716	024
WLAN 802.11ac(80M) 5.3G	Main	Top Edge	0	58	5290	10.00	9.98	1.01	100.46%	0.566	0.574	-
WLAN 802.11ac(80M) 5.3G	Main	Bottom Edge	0	58	5290	10.00	9.98	1.01	100.46%	0.020	0.020	-
WLAN 802.11ac(80M) 5.3G	Main	Left Edge	0	58	5290	10.00	9.98	1.01	100.46%	0.058	0.059	-

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	Main	Back Surface	0	114	5570	10.00	9.99	1.01	100.23%	0.983	0.995	025
WLAN 802.11ac(160M) 5.6G	Main	Top Edge	0	114	5570	10.00	9.99	1.01	100.23%	0.723	0.732	-
WLAN 802.11ac(160M) 5.6G	Main	Bottom Edge	0	114	5570	10.00	9.99	1.01	100.23%	0.034	0.034	-
WLAN 802.11ac(160M) 5.6G	Main	Left Edge	0	114	5570	10.00	9.99	1.01	100.23%	0.089	0.090	-
WLAN 802.11ac(160M) 5.6G	Main	Back Surface*	0	114	5570	10.00	9.99	1.01	100.23%	0.970	0.982	-

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	Main	Back Surface	0	155	5775	10.00	9.97	1.01	100.69%	0.626	0.637	026
WLAN 802.11ac(80M) 5.8G	Main	Top Edge	0	155	5775	10.00	9.97	1.01	100.69%	0.520	0.529	-
WLAN 802.11ac(80M) 5.8G	Main	Bottom Edge	0	155	5775	10.00	9.97	1.01	100.69%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Main	Left Edge	0	155	5775	10.00	9.97	1.01	100.69%	0.033	0.034	-

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	Main	Back Surface	0	163	5815	10.00	9.99	1.01	100.23%	0.694	0.703	027
WLAN 802.11ac(160M) 5.9G	Main	Top Edge	0	163	5815	10.00	9.99	1.01	100.23%	0.541	0.548	-
WLAN 802.11ac(160M) 5.9G	Main	Bottom Edge	0	163	5815	10.00	9.99	1.01	100.23%	0.016	0.016	-
WLAN 802.11ac(160M) 5.9G	Main	Left Edge	0	163	5815	10.00	9.99	1.01	100.23%	0.046	0.047	-

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	Aux	Back Surface	0	1	2412	12.00	11.90	1.02	102.33%	0.871	0.912	-
WLAN 802.11b	Aux	Back Surface	0	6	2437	12.00	11.92	1.02	101.86%	0.888	0.925	-
WLAN 802.11b	Aux	Back Surface	0	11	2462	12.00	11.98	1.02	100.46%	0.904	0.929	028
WLAN 802.11b	Aux	Top Edge	0	1	2412	12.00	11.90	1.02	102.33%	0.306	0.320	-
WLAN 802.11b	Aux	Top Edge	0	6	2437	12.00	11.92	1.02	101.86%	0.312	0.325	-
WLAN 802.11b	Aux	Top Edge	0	11	2462	12.00	11.98	1.02	100.46%	0.456	0.469	-
WLAN 802.11b	Aux	Bottom Edge	0	1	2412	12.00	11.90	1.02	102.33%	0.013	0.014	-
WLAN 802.11b	Aux	Bottom Edge	0	6	2437	12.00	11.92	1.02	101.86%	0.017	0.018	-
WLAN 802.11b	Aux	Bottom Edge	0	11	2462	12.00	11.98	1.02	100.46%	0.023	0.024	-
WLAN 802.11b	Aux	Right Edge	0	1	2412	12.00	11.90	1.02	102.33%	0.027	0.028	-
WLAN 802.11b	Aux	Right Edge	0	6	2437	12.00	11.92	1.02	101.86%	0.036	0.038	-
WLAN 802.11b	Aux	Right Edge	0	11	2462	12.00	11.98	1.02	100.46%	0.041	0.042	-
WLAN 802.11b	Aux	Back Surface*	0	11	2462	12.00	11.98	1.02	100.46%	0.890	0.915	-

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

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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)		ID
										Measured	Reported	
Bluetooth(GFSK)	Aux	Back Surface	0	00	2402	8.00	7.97	1.23	100.69%	0.297	0.368	029
Bluetooth(GFSK)	Aux	Back Surface	0	39	2441	8.00	7.88	1.23	102.80%	0.211	0.267	-
Bluetooth(GFSK)	Aux	Back Surface	0	78	2480	8.00	7.92	1.23	101.86%	0.239	0.300	-
Bluetooth(GFSK)	Aux	Top Edge	0	00	2402	8.00	7.97	1.23	100.69%	0.105	0.130	-
Bluetooth(GFSK)	Aux	Top Edge	0	39	2441	8.00	7.88	1.23	102.80%	0.108	0.137	-
Bluetooth(GFSK)	Aux	Top Edge	0	78	2480	8.00	7.92	1.23	101.86%	0.151	0.189	-
Bluetooth(GFSK)	Aux	Bottom Edge	0	00	2402	8.00	7.97	1.23	100.69%	0.001	0.001	-
Bluetooth(GFSK)	Aux	Bottom Edge	0	39	2441	8.00	7.88	1.23	102.80%	0.001	0.001	-
Bluetooth(GFSK)	Aux	Bottom Edge	0	78	2480	8.00	7.92	1.23	101.86%	0.001	0.001	-
Bluetooth(GFSK)	Aux	Right Edge	0	00	2402	8.00	7.97	1.23	100.69%	0.001	0.001	-
Bluetooth(GFSK)	Aux	Right Edge	0	39	2441	8.00	7.88	1.23	102.80%	0.001	0.001	-
Bluetooth(GFSK)	Aux	Right Edge	0	78	2480	8.00	7.92	1.23	101.86%	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	Aux	Back Surface	0	50	5250	10.00	9.95	1.01	101.16%	0.659	0.673	030
WLAN 802.11ac(160M) 5.2G	Aux	Top Edge	0	50	5250	10.00	9.95	1.01	101.16%	0.524	0.535	-
WLAN 802.11ac(160M) 5.2G	Aux	Bottom Edge	0	50	5250	10.00	9.95	1.01	101.16%	0.057	0.058	-
WLAN 802.11ac(160M) 5.2G	Aux	Right Edge	0	50	5250	10.00	9.95	1.01	101.16%	0.034	0.035	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Aux	Back Surface	0	58	5290	10.00	9.97	1.01	100.69%	0.604	0.614	031
WLAN 802.11ac(80M) 5.3G	Aux	Top Edge	0	58	5290	10.00	9.97	1.01	100.69%	0.509	0.518	-
WLAN 802.11ac(80M) 5.3G	Aux	Bottom Edge	0	58	5290	10.00	9.97	1.01	100.69%	0.055	0.056	-
WLAN 802.11ac(80M) 5.3G	Aux	Right Edge	0	58	5290	10.00	9.97	1.01	100.69%	0.028	0.028	-
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	Aux	Back Surface	0	114	5570	10.00	9.99	1.01	100.23%	0.673	0.681	032
WLAN 802.11ac(160M) 5.6G	Aux	Top Edge	0	114	5570	10.00	9.99	1.01	100.23%	0.537	0.544	-
WLAN 802.11ac(160M) 5.6G	Aux	Bottom Edge	0	114	5570	10.00	9.99	1.01	100.23%	0.060	0.061	-
WLAN 802.11ac(160M) 5.6G	Aux	Right Edge	0	114	5570	10.00	9.99	1.01	100.23%	0.055	0.056	-
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	Aux	Back Surface	0	155	5775	10.00	9.98	1.01	100.46%	0.538	0.546	033
WLAN 802.11ac(80M) 5.8G	Aux	Top Edge	0	155	5775	10.00	9.98	1.01	100.46%	0.354	0.359	-
WLAN 802.11ac(80M) 5.8G	Aux	Bottom Edge	0	155	5775	10.00	9.98	1.01	100.46%	0.034	0.034	-
WLAN 802.11ac(80M) 5.8G	Aux	Right Edge	0	155	5775	10.00	9.98	1.01	100.46%	0.036	0.037	-
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	Aux	Back Surface	0	163	5815	10.00	9.98	1.01	100.46%	0.686	0.696	034
WLAN 802.11ac(160M) 5.9G	Aux	Top Edge	0	163	5815	10.00	9.98	1.01	100.46%	0.583	0.592	-
WLAN 802.11ac(160M) 5.9G	Aux	Bottom Edge	0	163	5815	10.00	9.98	1.01	100.46%	0.065	0.066	-
WLAN 802.11ac(160M) 5.9G	Aux	Right Edge	0	163	5815	10.00	9.98	1.01	100.46%	0.051	0.052	-

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t (886-2) 2299-3279

f (886-2) 2298-0488

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										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Main	Back Surface	0	31	6105	10.00	9.95	1.01	101.16%	0.957	0.978	6.70	6.845	035
U-NII-5 6.2GHz 802.11be(320M)	Main	Back Surface	0	63	6265	10.00	9.92	1.01	101.86%	0.905	0.931	6.34	6.522	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Top Edge	0	31	6105	10.00	9.95	1.01	101.16%	0.492	0.503	3.44	3.515	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Top Edge	0	63	6265	10.00	9.92	1.01	101.86%	0.478	0.492	3.35	3.446	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Bottom Edge	0	31	6105	10.00	9.95	1.01	101.16%	0.044	0.045	0.308	0.315	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Bottom Edge	0	63	6265	10.00	9.92	1.01	101.86%	0.036	0.037	0.252	0.259	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Left Edge	0	31	6105	10.00	9.95	1.01	101.16%	0.057	0.058	0.399	0.408	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Left Edge	0	63	6265	10.00	9.92	1.01	101.86%	0.050	0.051	0.35	0.360	-
U-NII-5 6.2GHz 802.11be(320M)	Main	Back Surface*	0	31	6105	10.00	9.95	1.01	101.16%	0.938	0.958	6.64	6.784	-
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)	Main	Back Surface	0	95	6425	10.00	9.98	1.01	100.46%	1.070	1.086	7.38	7.488	036
U-NII-6 6.5GHz 802.11be(320M)	Main	Top Edge	0	95	6425	10.00	9.98	1.01	100.46%	0.537	0.545	3.7	3.754	-
U-NII-6 6.5GHz 802.11be(320M)	Main	Bottom Edge	0	95	6425	10.00	9.98	1.01	100.46%	0.050	0.051	0.345	0.350	-
U-NII-6 6.5GHz 802.11be(320M)	Main	Left Edge	0	95	6425	10.00	9.98	1.01	100.46%	0.073	0.074	0.503	0.510	-
U-NII-6 6.5GHz 802.11be(320M)	Main	Back Surface*	0	95	6425	10.00	9.98	1.01	100.46%	1.020	1.035	7.04	7.143	-
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)	Main	Back Surface	0	127	6585	10.00	9.92	1.01	101.86%	1.010	1.039	7.31	7.520	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Back Surface	0	159	6745	10.00	9.96	1.01	100.93%	1.100	1.121	7.39	7.533	037
U-NII-7 6.7GHz 802.11be(320M)	Main	Top Edge	0	127	6585	10.00	9.92	1.01	101.86%	0.511	0.526	3.43	3.529	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Top Edge	0	159	6745	10.00	9.96	1.01	100.93%	0.525	0.535	3.53	3.598	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Bottom Edge	0	127	6585	10.00	9.92	1.01	101.86%	0.047	0.048	0.316	0.325	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Bottom Edge	0	159	6745	10.00	9.96	1.01	100.93%	0.053	0.054	0.356	0.363	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Left Edge	0	127	6585	10.00	9.92	1.01	101.86%	0.061	0.063	0.41	0.422	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Left Edge	0	159	6745	10.00	9.96	1.01	100.93%	0.069	0.070	0.464	0.473	-
U-NII-7 6.7GHz 802.11be(320M)	Main	Back Surface*	0	159	6745	10.00	9.96	1.01	100.93%	1.020	1.040	7.31	7.451	-
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)	Main	Back Surface	0	191	6905	10.00	9.98	1.01	100.46%	1.130	1.147	7.53	7.640	038
U-NII-8 7.0GHz 802.11be(320M)	Main	Top Edge	0	191	6905	10.00	9.98	1.01	100.46%	0.559	0.567	3.73	3.785	-
U-NII-8 7.0GHz 802.11be(320M)	Main	Bottom Edge	0	191	6905	10.00	9.98	1.01	100.46%	0.058	0.059	0.386	0.392	-
U-NII-8 7.0GHz 802.11be(320M)	Main	Left Edge	0	191	6905	10.00	9.98	1.01	100.46%	0.082	0.083	0.546	0.554	-
U-NII-8 7.0GHz 802.11be(320M)	Main	Back Surface*	0	191	6905	10.00	9.98	1.01	100.46%	1.040	1.055	7.45	7.559	-
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)	Aux	Back Surface	0	31	6105	10.50	10.49	1.01	100.23%	0.740	0.749	5.42	5.487	039
U-NII-5 6.2GHz 802.11be(320M)	Aux	Back Surface	0	63	6265	10.50	10.40	1.01	102.33%	0.719	0.743	5.29	5.467	-
U-NII-5 6.2GHz 802.11be(320M)	Aux	Top Edge	0	31	6105	10.50	10.49	1.01	100.23%	0.343	0.347	2.51	2.541	-
U-NII-5 6.2GHz 802.11be(320M)	Aux	Top Edge	0	63	6265	10.50	10.40	1.01	102.33%	0.320	0.331	2.34	2.418	-
U-NII-5 6.2GHz 802.11be(320M)	Aux	Bottom Edge	0	31	6105	10.50	10.49	1.01	100.23%	0.028	0.028	0.205	0.208	-
U-NII-5 6.2GHz 802.11be(320M)	Aux	Bottom Edge	0	63	6265	10.50	10.40	1.01	102.33%	0.022	0.023	0.161	0.166	-
U-NII-5 6.2GHz 802.11be(320M)	Aux	Right Edge	0	31	6105	10.50	10.49	1.01	100.23%	0.001	0.001	0.001	0.001	-
U-NII-5 6.2GHz 802.11be(320M)	Aux	Right Edge	0	63	6265	10.50	10.40	1.01	102.33%	0.001	0.001	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)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Aux	Back Surface	0	95	6425	10.50	10.42	1.01	101.86%	0.856	0.881	5.85	6.018	040
U-NII-6 6.5GHz 802.11be(320M)	Aux	Top Edge	0	95	6425	10.50	10.42	1.01	101.86%	0.391	0.402	2.67	2.747	-
U-NII-6 6.5GHz 802.11be(320M)	Aux	Bottom Edge	0	95	6425	10.50	10.42	1.01	101.86%	0.058	0.060	0.396	0.407	-
U-NII-6 6.5GHz 802.11be(320M)	Aux	Right Edge	0	95	6425	10.50	10.42	1.01	101.86%	0.001	0.001	0.001	0.001	-
U-NII-6 6.5GHz 802.11be(320M)	Aux	Back Surface*	0	95	6425	10.50	10.42	1.01	101.86%	0.831	0.855	5.76	5.926	-
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)	Aux	Back Surface	0	127	6585	10.50	10.47	1.01	100.69%	0.848	0.862	5.62	5.716	041
U-NII-7 6.7GHz 802.11be(320M)	Aux	Back Surface	0	159	6745	10.50	10.42	1.01	101.86%	0.821	0.845	5.44	5.597	-
U-NII-7 6.7GHz 802.11be(320M)	Aux	Top Edge	0	127	6585	10.50	10.47	1.01	100.69%	0.377	0.383	2.5	2.543	-
U-NII-7 6.7GHz 802.11be(320M)	Aux	Top Edge	0	159	6745	10.50	10.42	1.01	101.86%	0.360	0.370	2.39	2.459	-
U-NII-7 6.7GHz 802.11be(320M)	Aux	Bottom Edge	0	127	6585	10.50	10.47	1.01	100.69%	0.055	0.056	0.365	0.371	-
U-NII-7 6.7GHz 802.11be(320M)	Aux	Bottom Edge	0	159	6745	10.50	10.42	1.01	101.86%	0.049	0.050	0.325	0.334	-
U-NII-7 6.7GHz 802.11be(320M)	Aux	Right Edge	0	127	6585	10.50	10.47	1.01	100.69%	0.001	0.001	0.001	0.001	-
U-NII-7 6.7GHz 802.11be(320M)	Aux	Right Edge	0	159	6745	10.50	10.42	1.01	101.86%	0.001	0.001	0.001	0.001	-
U-NII-7 6.7GHz 802.11be(320M)	Aux	Back Surface*	0	127	6585	10.50	10.47	1.01	100.69%	0.833	0.847	5.55	5.644	-
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)	Aux	Back Surface	0	191	6905	10.50	10.44	1.01	101.39%	0.848	0.868	5.34	5.468	042
U-NII-8 7.0GHz 802.11be(320M)	Aux	Top Edge	0	191	6905	10.50	10.44	1.01	101.39%	0.366	0.375	2.3	2.355	-
U-NII-8 7.0GHz 802.11be(320M)	Aux	Bottom Edge	0	191	6905	10.50	10.44	1.01	101.39%	0.053	0.054	0.334	0.342	-
U-NII-8 7.0GHz 802.11be(320M)	Aux	Right Edge	0	191	6905	10.50	10.44	1.01	101.39%	0.001	0.001	0.001	0.001	-
U-NII-8 7.0GHz 802.11be(320M)	Aux	Back Surface*	0	191	6905	10.50	10.44	1.01	101.39%	0.840	0.860	5.22	5.346	-

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

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Note:

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

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

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-8 7.0GHz802.11be(320M)	Main	Back Surface	2	191	6905	10.00	9.98	100.46%	1.01	1.55	3.520	5.536	3.020	4.750	043
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-6 6.5GHz 802.11be(320M)	Aux	Back Surface	2	95	6425	10.50	10.42	101.86%	1.01	1.55	2.560	4.082	2.200	3.508	044

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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9 SIMULTANEOUS TRANSMISSION ANALYSIS

9.1 Simultaneous Transmission Scenarios:

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

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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

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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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Simultaneous Transmission Combination NB

		Reported SAR							Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
Exposure Position		2	3	4	5	7	8	9	2+3	4+5	2+7	4+7	4+5+7	7+8	8+9	7+8+9
		2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Bottom Surface	0	0.362	0.339	0.303	0.302	0.184	0.750	0.574	0.701	0.605	0.546	0.487	0.789	0.934	1.324	1.508

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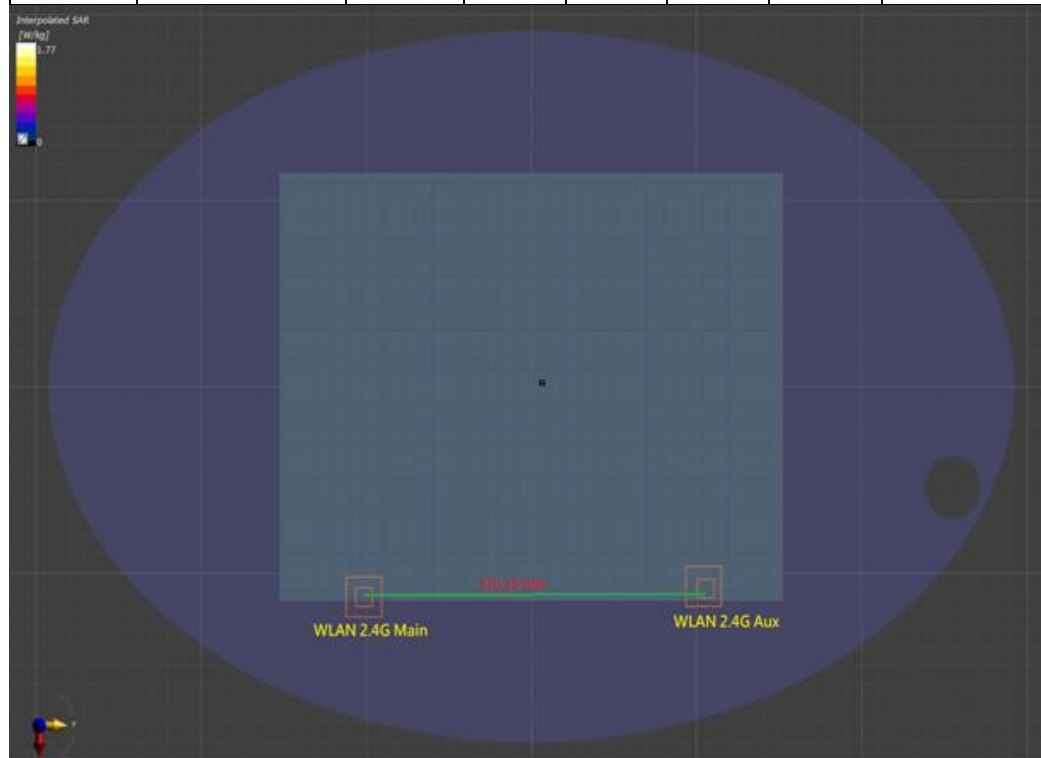
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TB

Exposure Position		Reported SAR							Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
		2	3	4	5	7	8	9	2+3	4+5	2+7	4+7	4+5+7	7+8	8+9	7+8+9
		2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Back Surface	0	0.917	0.929	0.995	0.696	0.368	1.147	0.881	1.846	1.691	1.285	1.363	2.059	1.515	2.028	2.396
Top Edge	0	0.690	0.469	0.732	0.592	0.189	0.567	0.402	1.159	1.324	0.879	0.921	1.513	0.756	0.969	1.158
Bottom Edge	0	0.018	0.024	0.034	0.066	0.001	0.059	0.060	0.042	0.100	0.019	0.035	0.101	0.060	0.119	0.120
Right Edge	0		0.042		0.056	0.001		0.001	0.042	0.056	0.001	0.001	0.057	0.001	0.001	0.002
Left Edge	0	0.044		0.090			0.083		0.044	0.090	0.044	0.090	0.090	0.083	0.083	0.083

Scenario 1

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Back Surface	WLAN 2.4G Main	0.917	11.42	-10.30	-17.70	-	-	-	-
	WLAN 2.4G Aux	0.929	10.96	10.72	-17.70	1.846	210.25	0.012	SPLSR $\leq$ 0.04, Not required

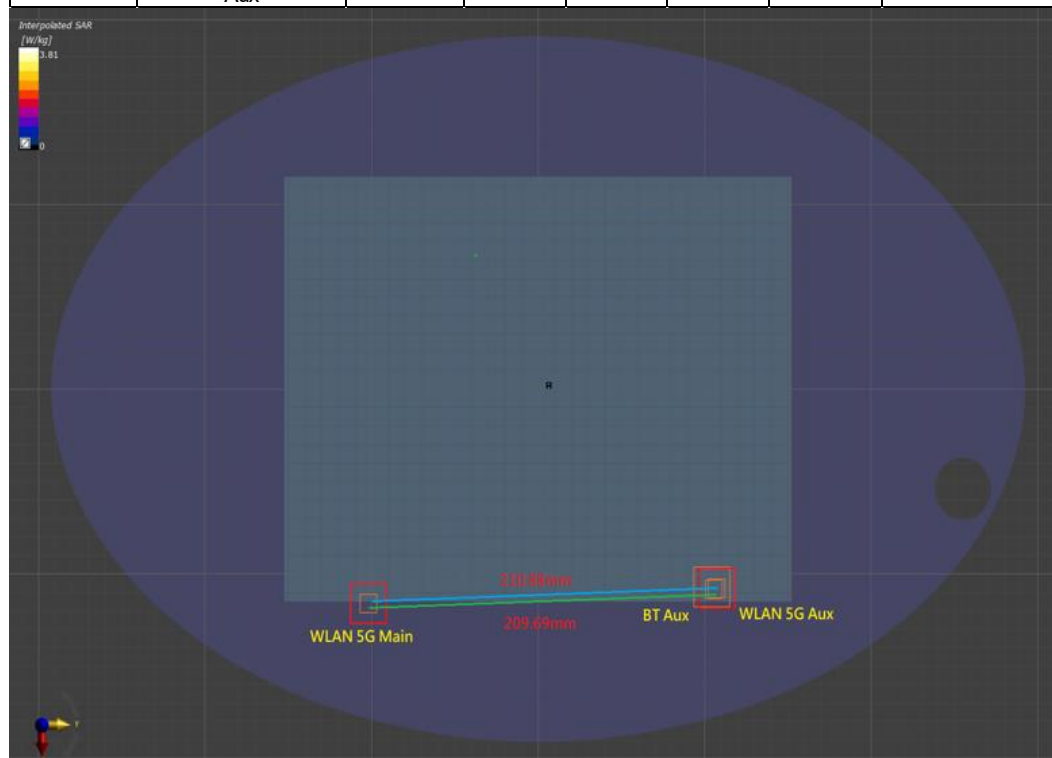


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Scenario 2&5									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Back Surface	WLAN 5G Main	0.995	11.56	-10.26	-17.70	-	-	-	-
	WLAN 5G Aux	0.696	10.98	10.82	-17.70	1.691	210.88	0.010	SPLSR $\leq$ 0.04, Not required
	WLAN 5G Aux + BT Aux	1.064	10.96	10.70	-17.70	2.059	209.69	0.014	SPLSR $\leq$ 0.04, Not required



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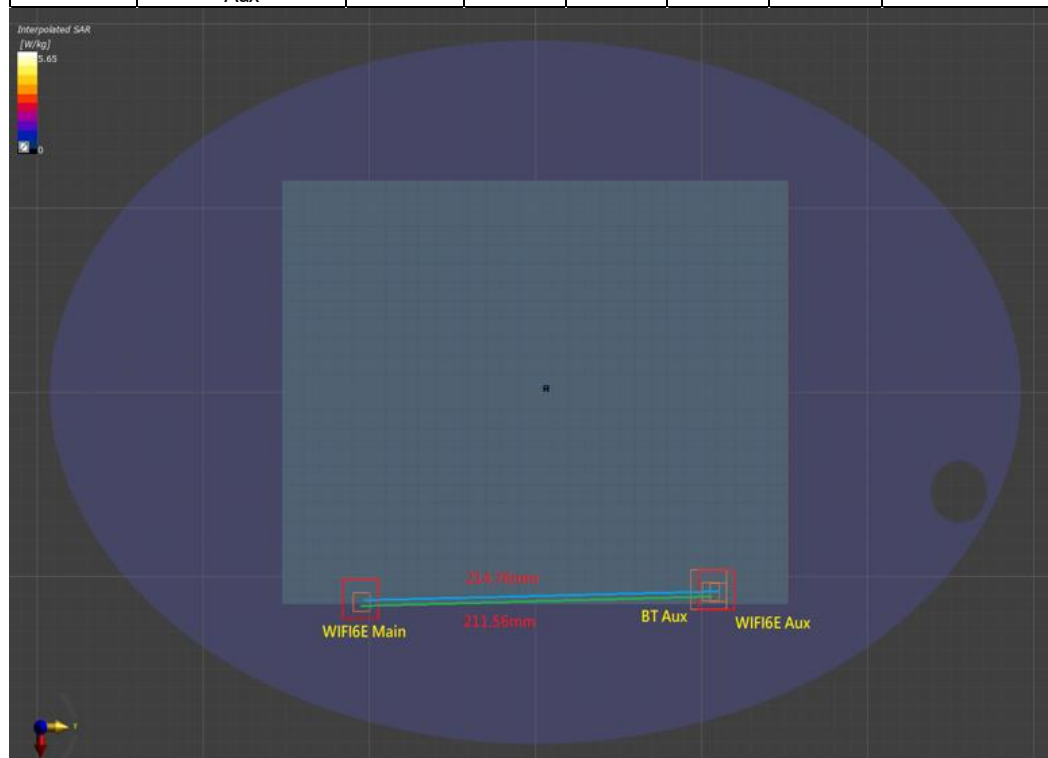
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Scenario 7&8									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Back Surface	WIFI6E Main	1.147	11.45	-10.45	-17.70	-	-	-	-
	WIFI6E Aux	0.881	10.94	11.02	-17.70	2.028	214.76	0.013	SPLSR $\leq$ 0.04, Not required
	WIFI6E Aux + BT Aux	1.249	10.96	10.70	-17.70	2.396	211.56	0.018	SPLSR $\leq$ 0.04, Not required



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	1260	Sep/28/2025	Sep/27/2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7686	Sep/29/2025	Sep/28/2026
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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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/ Uncertainty	Probability	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	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	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.)	2.54%	N	1	1	0.64	0.43	1.63%	1.09%	M
Liquid Conductivity (mea.)	3.19%	N	1	1	0.6	0.49	1.91%	1.56%	M
Combined standard uncertainty		RSS					11.98%	11.86%	
Expanded uncertainty (95% confidence)							23.96%	23.72%	

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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.)	2.18%	N	1	1	0.64	0.43	1.40%	0.94%	M
Liquid Conductivity (mea.)	4.30%	N	1	1	0.6	0.49	2.58%	2.11%	M
Combined standard uncertainty		RSS					11.79%	11.64%	
Expan uncertainty (95% confidence)							23.58%	23.28%	

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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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**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 $\leq$ 1GHz)	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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f (886-2) 2298-0488

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12 SAR MEASUREMENT RESULTS

ID: 001

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11b_Body_Bottom Surface_CH 6_0mm_Main

Ambient temperature: 23.2°C; Liquid temperature: 22.2°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	2437.0, 6	7.71	1.865	40.073

Hardware Setup

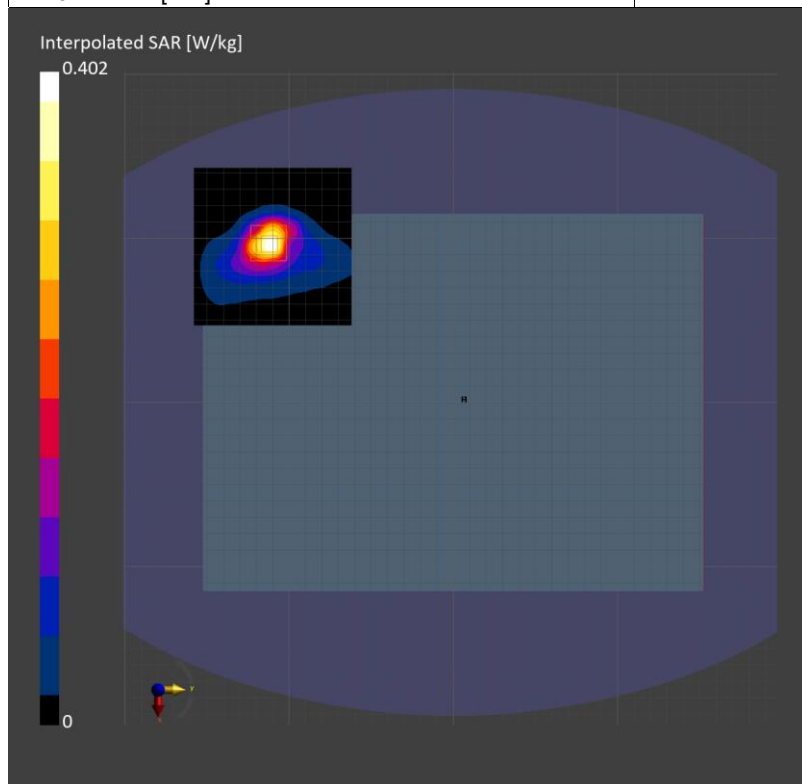
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 84.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-01	2026-06-01
psSAR1g [W/kg]	0.307	0.350
psSAR8g [W/kg]	0.159	0.180
psSAR10g [W/kg]	0.144	0.163
Power Drift [dB]	-0.04	0.02
M2/M1 [%]		53.2
Dist 3dB Peak [mm]		9.5



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ID: 002

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Bottom Surface_CH 50_0mm_Main

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	6.04	4.844	36.779

Hardware Setup

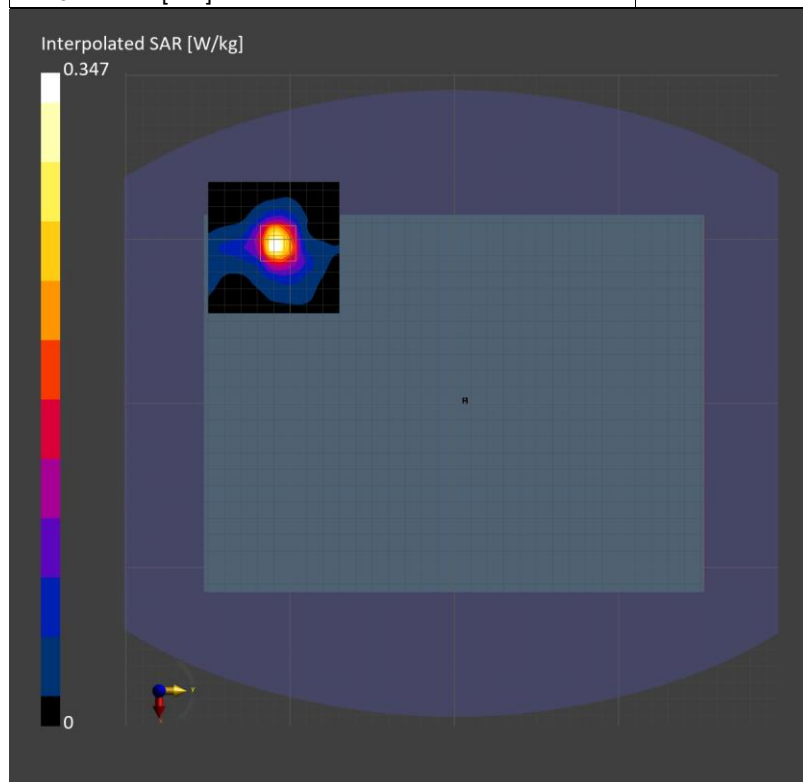
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.243	0.267
psSAR8g [W/kg]	0.097	0.116
psSAR10g [W/kg]	0.086	0.103
Power Drift [dB]	0.02	0.04
M2/M1 [%]		52.9
Dist 3dB Peak [mm]		9.8



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ID: 003

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Bottom Surface_CH 58_0mm_Main

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	6.04	4.886	36.733

Hardware Setup

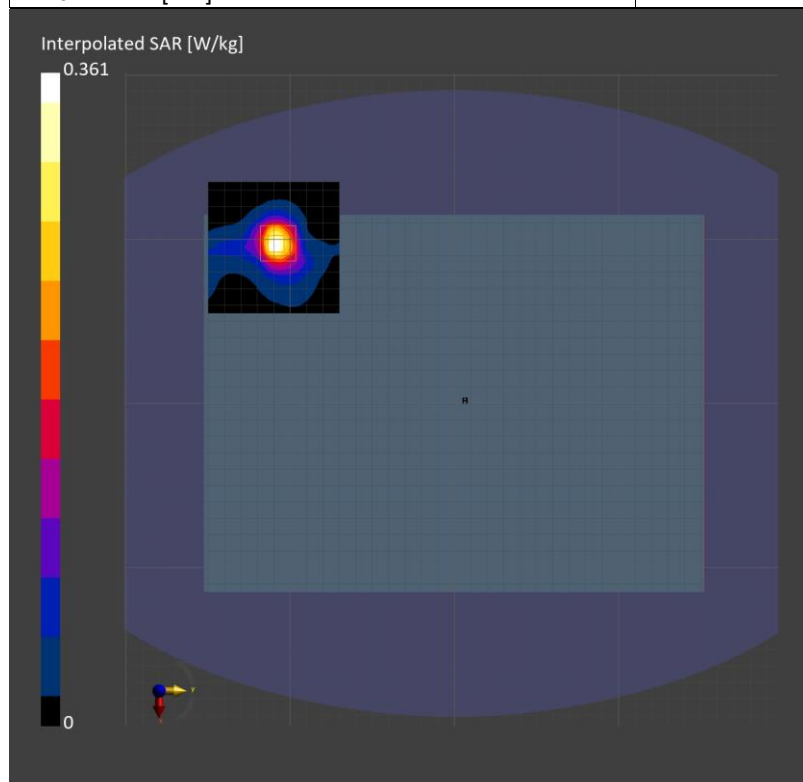
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.254	0.292
psSAR8g [W/kg]	0.102	0.125
psSAR10g [W/kg]	0.090	0.111
Power Drift [dB]	-0.02	-0.03
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		9.0



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ID: 004

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Bottom Surface_CH 114_0mm_Main

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	5570.0, 114	5.56	5.181	36.413

Hardware Setup

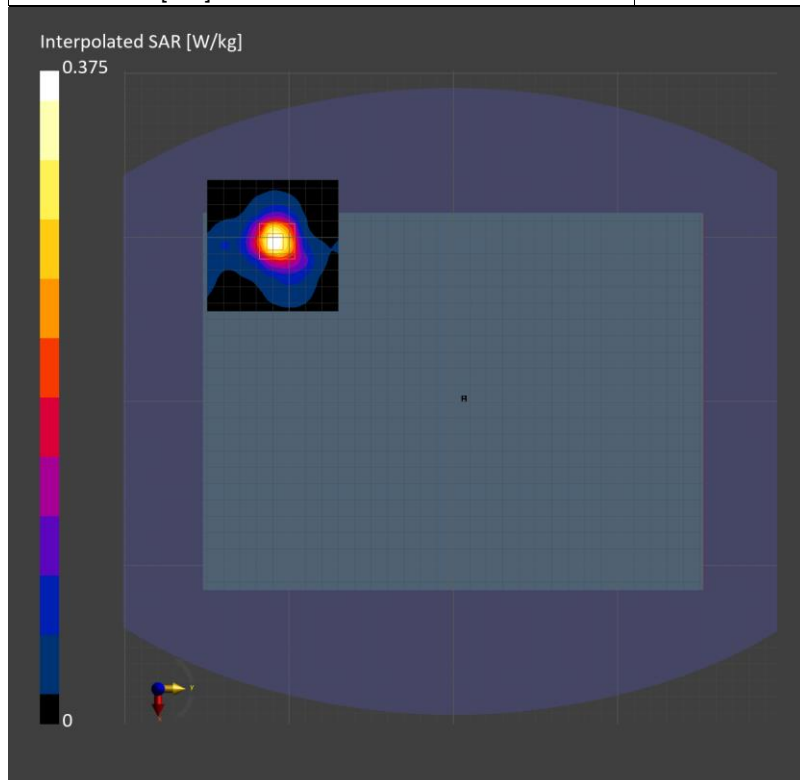
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.273	0.299
psSAR8g [W/kg]	0.112	0.132
psSAR10g [W/kg]	0.099	0.119
Power Drift [dB]	0.01	0.02
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		10.4



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ID: 005

Report No. : TESA2604000272EN

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Bottom Surface_CH 155_0mm_Main

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	5775.0, 155	5.64	5.396	36.179

Hardware Setup

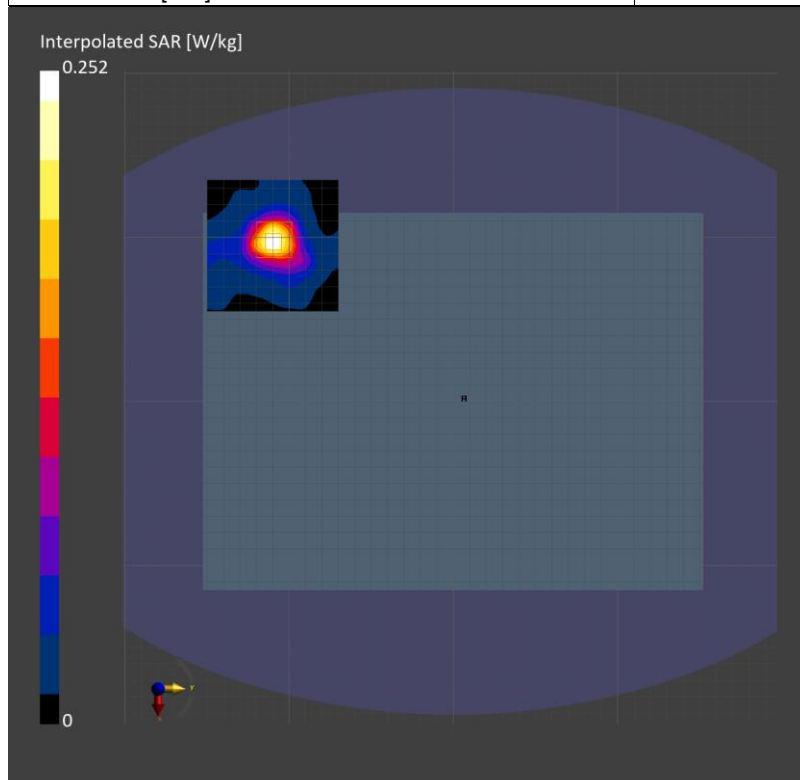
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.185	0.210
psSAR8g [W/kg]	0.077	0.094
psSAR10g [W/kg]	0.068	0.085
Power Drift [dB]	-0.02	-0.04
M2/M1 [%]		54.2
Dist 3dB Peak [mm]		8.0



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ID: 006

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Bottom Surface_CH 163_0mm_Main

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	5815.0, 163	5.41	5.438	36.133

Hardware Setup

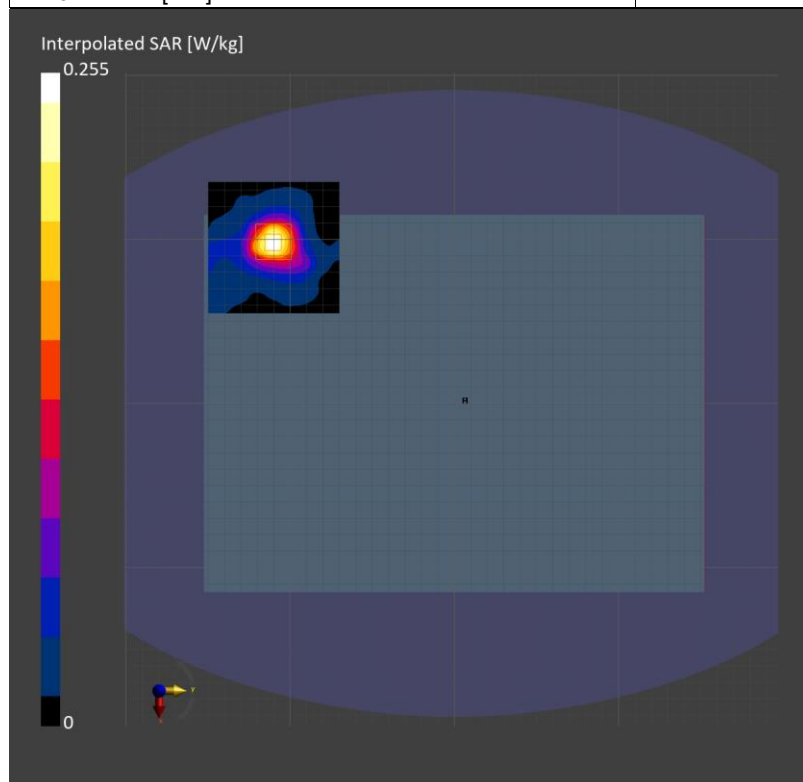
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.189	0.219
psSAR8g [W/kg]	0.078	0.097
psSAR10g [W/kg]	0.070	0.088
Power Drift [dB]	-0.03	0.02
M2/M1 [%]		54.2
Dist 3dB Peak [mm]		8.0



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ID: 007

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11b_Body_Bottom Surface_CH 11_0mm_Aux

Ambient temperature: 23.2°C; Liquid temperature: 22.2°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	2462.0, 11	7.71	1.888	40.035

Hardware Setup

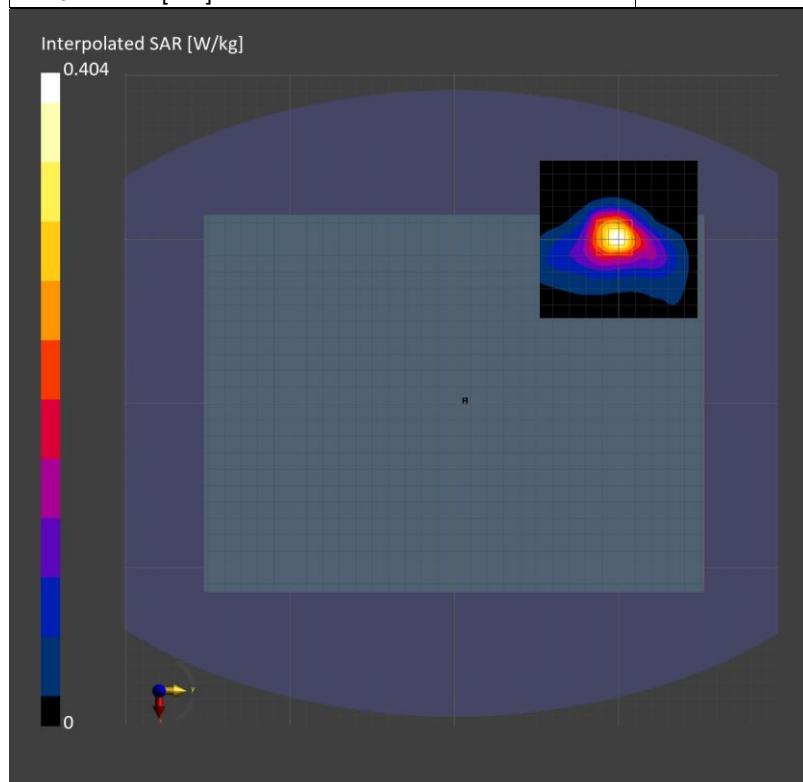
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 84.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-01	2026-06-01
psSAR1g [W/kg]	0.304	0.330
psSAR8g [W/kg]	0.160	0.172
psSAR10g [W/kg]	0.146	0.157
Power Drift [dB]	-0.02	0.03
M2/M1 [%]		50.0
Dist 3dB Peak [mm]		10.0



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ID: 008

Report No. : TESA2604000272EN

Measurement Report_Bluetooth(GFSK)_Body_Bottom Surface_CH 0_0mm_Aux

Ambient temperature: 23.2°C; Liquid temperature: 22.2°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	2402.0, 0	7.71	1.834	40.135

Hardware Setup

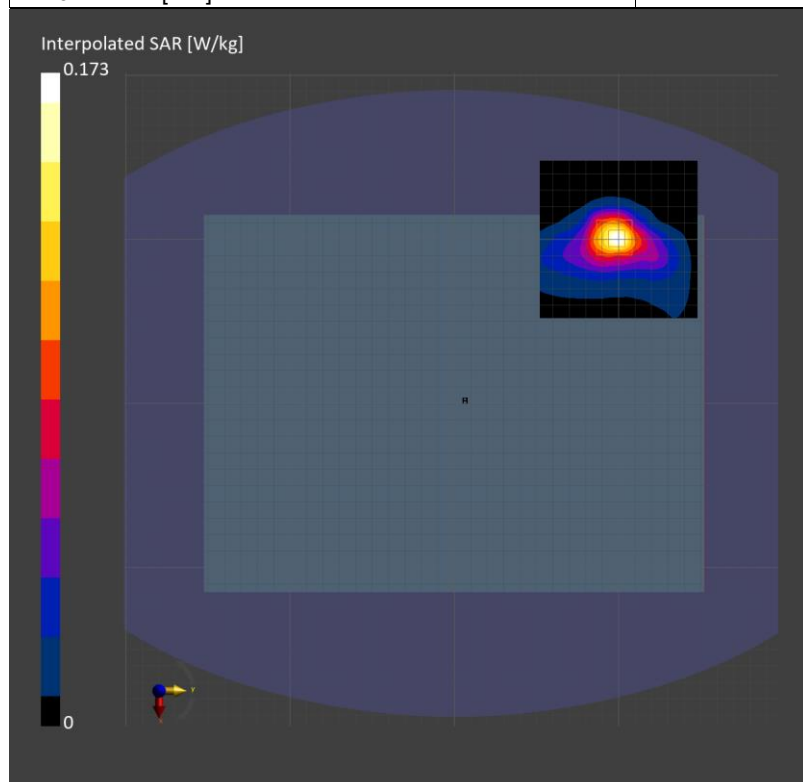
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-01	2026-06-01
psSAR1g [W/kg]	0.132	0.139
psSAR8g [W/kg]	0.070	0.074
psSAR10g [W/kg]	0.064	0.068
Power Drift [dB]	-0.03	-0.04
M2/M1 [%]		51.5
Dist 3dB Peak [mm]		10.3



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ID: 009

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Bottom Surface_CH 50_0mm_Aux

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	6.04	4.844	36.779

Hardware Setup

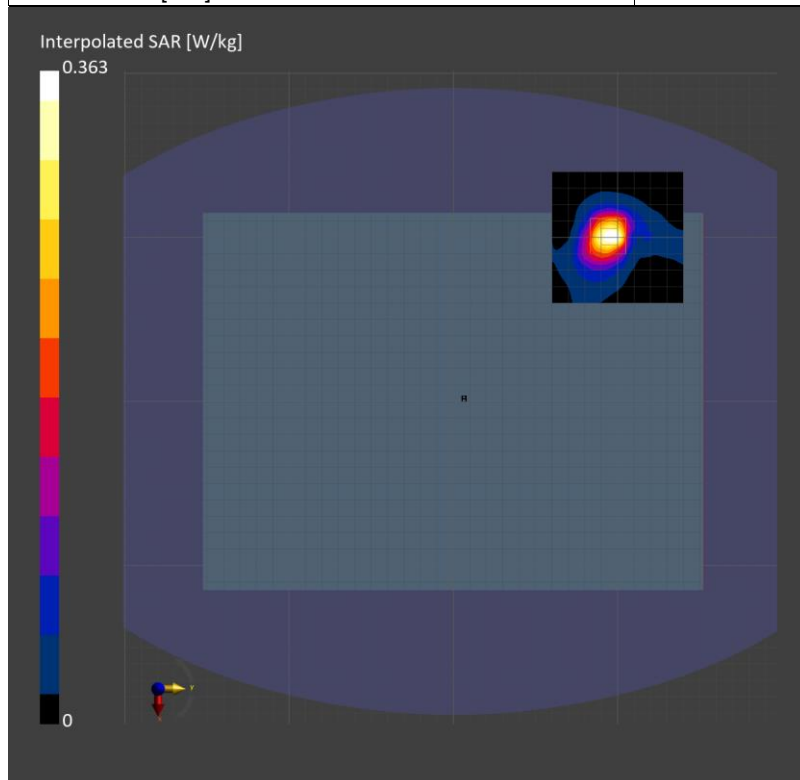
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.263	0.292
psSAR8g [W/kg]	0.109	0.126
psSAR10g [W/kg]	0.096	0.113
Power Drift [dB]	-0.06	-0.01
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		8.7



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ID: 010

Report No. :TESA2604000272EN

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

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	6.04	4.886	36.733

Hardware Setup

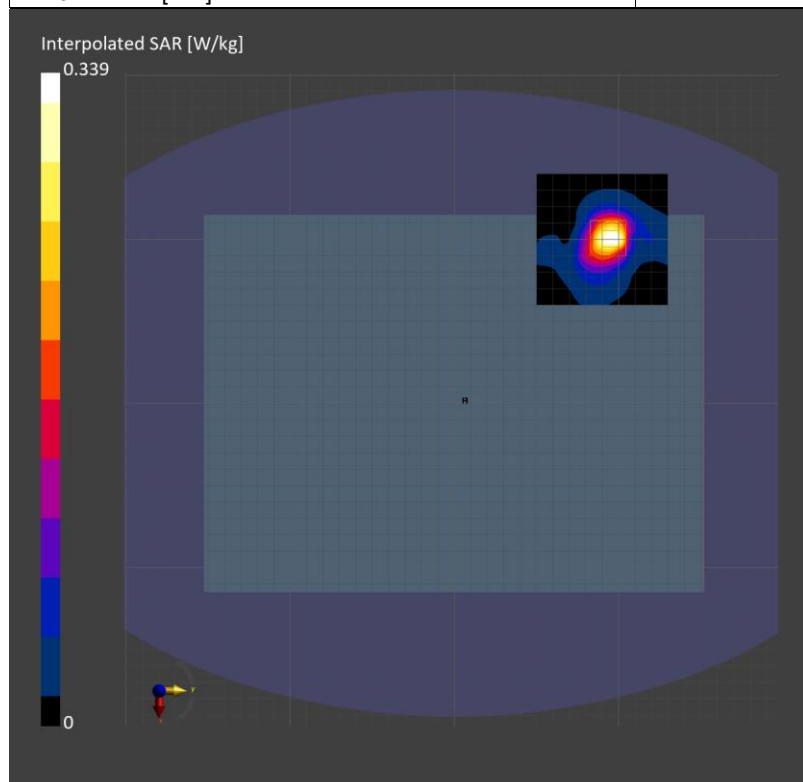
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.247	0.277
psSAR8g [W/kg]	0.102	0.121
psSAR10g [W/kg]	0.091	0.108
Power Drift [dB]	-0.01	-0.01
M2/M1 [%]		54.6
Dist 3dB Peak [mm]		8.4



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ID: 011

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Bottom Surface_CH 114_0mm_Aux

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	5570.0, 114	5.56	5.181	36.413

Hardware Setup

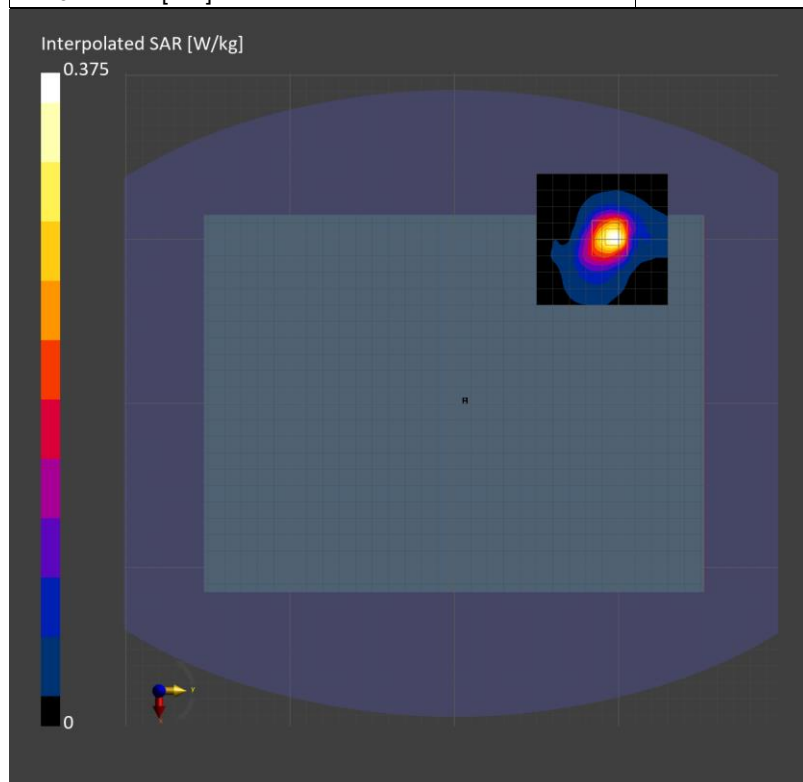
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.265	0.298
psSAR8g [W/kg]	0.107	0.127
psSAR10g [W/kg]	0.095	0.114
Power Drift [dB]	-0.05	0.02
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		8.4



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ID: 012

Report No. : TESA2604000272EN

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

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	5775.0, 155	5.64	5.396	36.179

Hardware Setup

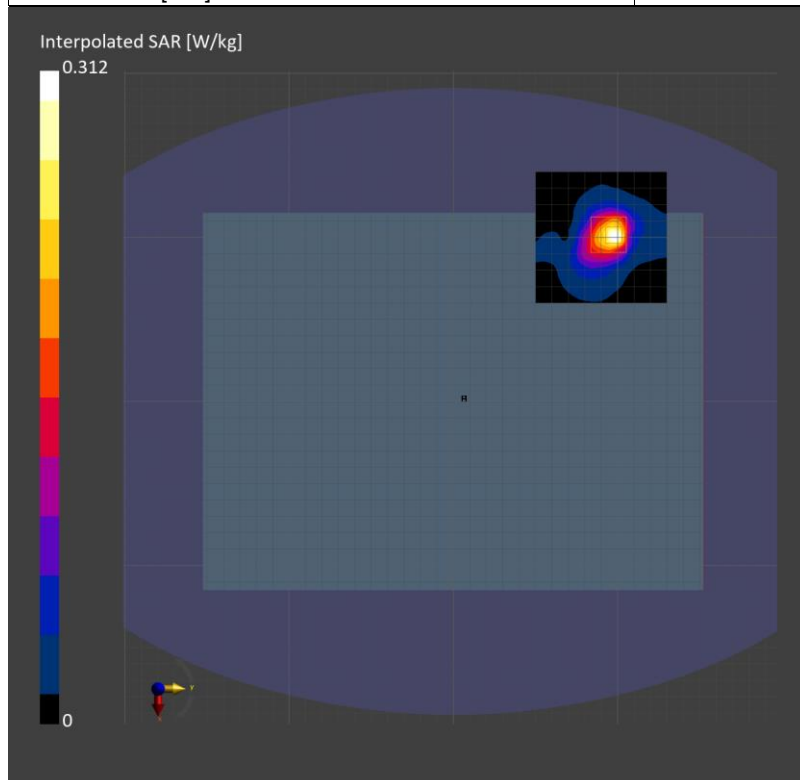
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.216	0.239
psSAR8g [W/kg]	0.086	0.102
psSAR10g [W/kg]	0.076	0.091
Power Drift [dB]	-0.05	0.02
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		8.0



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f (886-2) 2298-0488

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ID: 013

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Bottom Surface_CH 163_0mm_Aux

Ambient temperature: 23.4°C; Liquid temperature: 22.4°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	5815.0, 163	5.41	5.438	36.133

Hardware Setup

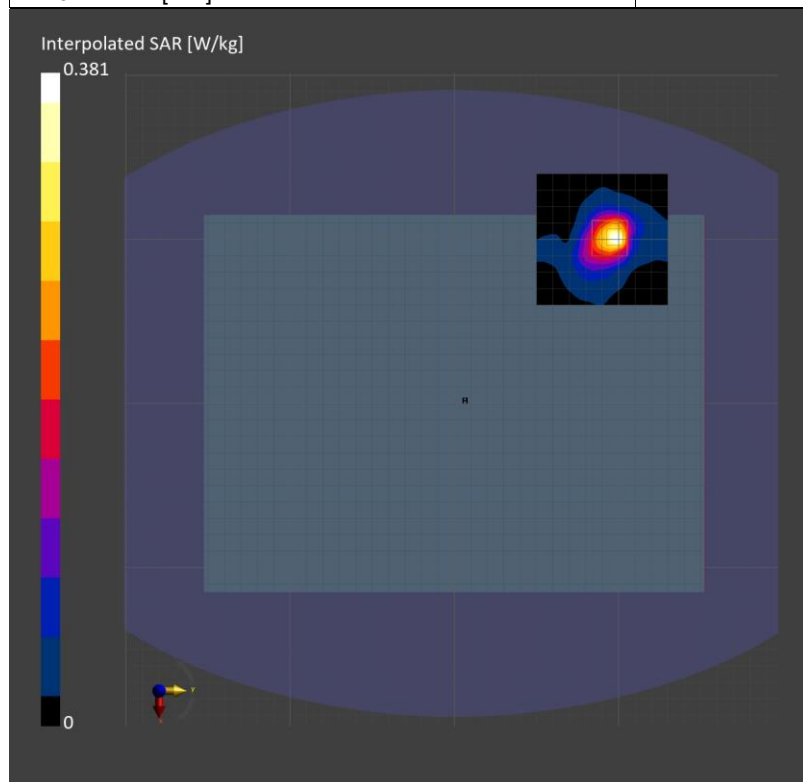
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-06-02	2026-06-02
psSAR1g [W/kg]	0.263	0.286
psSAR8g [W/kg]	0.104	0.120
psSAR10g [W/kg]	0.092	0.107
Power Drift [dB]	0.02	-0.03
M2/M1 [%]		54.6
Dist 3dB Peak [mm]		8.0



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f (886-2) 2298-0488

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ID: 014

Report No. :TESA2604000272EN

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Bottom Surface_CH 63_0mm_Main

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	6265.0, 63	6.03	5.917	35.603

Hardware Setup

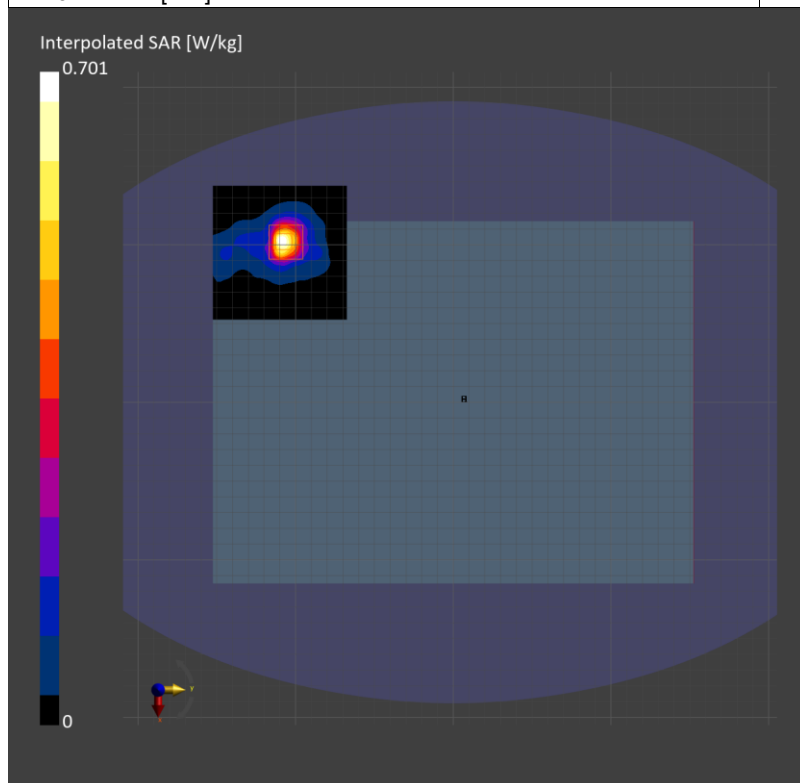
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	0.503	0.545
psSAR8g [W/kg]	0.184	0.193
psSAR10g [W/kg]	0.161	0.168
psPDab (4.0cm2, sq) [W/m2]		3.86
Power Drift [dB]	0.02	-0.04
M2/M1 [%]		55.1
Dist 3dB Peak [mm]		7.4



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f (886-2) 2298-0488

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ID: 015

Report No. :TESA2604000272EN

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Bottom Surface_CH 95_0mm_Main

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	6425.0, 95	6.03	6.089	35.411

Hardware Setup

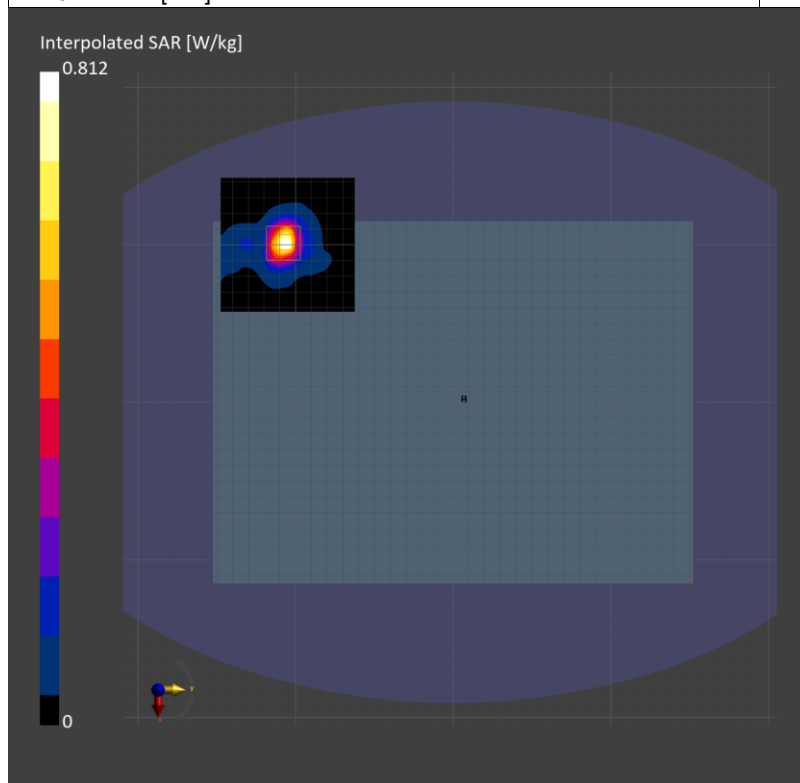
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	0.585	0.643
psSAR8g [W/kg]	0.209	0.222
psSAR10g [W/kg]	0.182	0.193
psPDab (4.0cm2, sq) [W/m2]		4.45
Power Drift [dB]	0.05	0.02
M2/M1 [%]		53.9
Dist 3dB Peak [mm]		6.9



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ID: 016

Report No. :TESA2604000272EN

Measurement Report_U-NII-6 6.7GHz 802.11be(320M)_Body_Bottom Surface_CH 159_0mm_Main

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	6745.0, 159	6.03	6.436	35.027

Hardware Setup

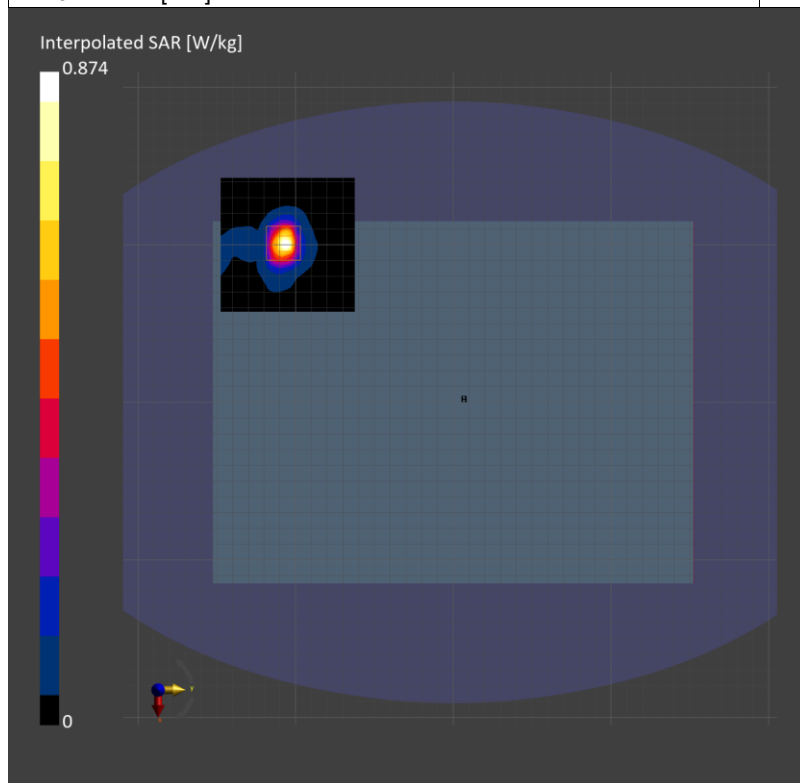
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	0.642	0.684
psSAR8g [W/kg]	0.223	0.233
psSAR10g [W/kg]	0.193	0.201
psPDab (4.0cm2, sq) [W/m2]		4.67
Power Drift [dB]	0.03	-0.01
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		6.9



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ID: 017

Report No. :TESA2604000272EN

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Bottom Surface_CH 191_0mm_Main

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	6905.0, 191	6.08	6.612	34.835

Hardware Setup

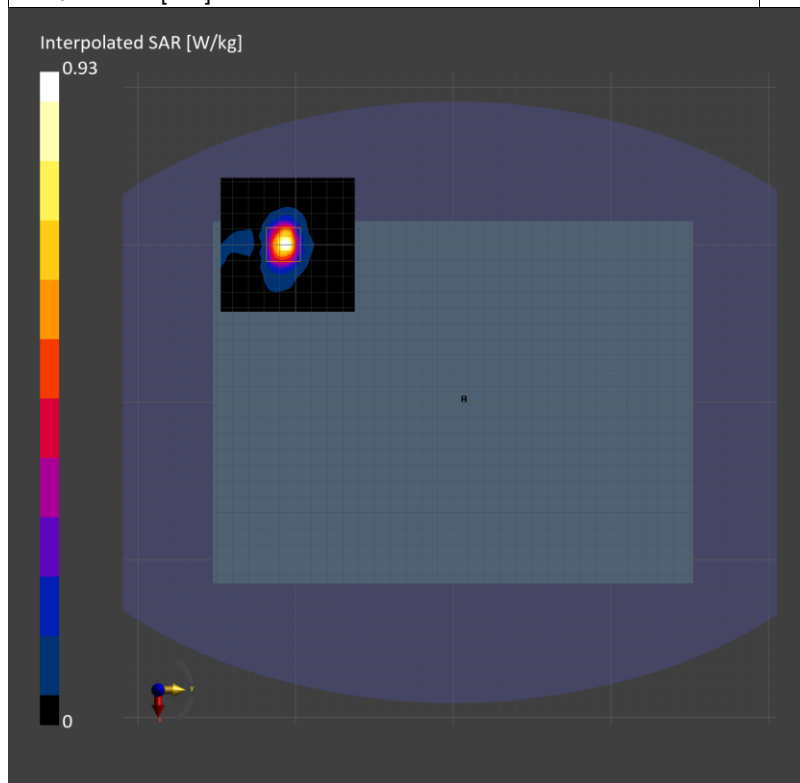
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	0.697	0.736
psSAR8g [W/kg]	0.239	0.251
psSAR10g [W/kg]	0.207	0.216
psPDab (4.0cm2, sq) [W/m2]		5.02
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		51.0
Dist 3dB Peak [mm]		7.1



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t (886-2) 2299-3279

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ID: 018

Report No. :TESA2604000272EN

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Bottom Surface_CH 31_0mm_Aux

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	6105.0, 31	6.03	5.746	35.795

Hardware Setup

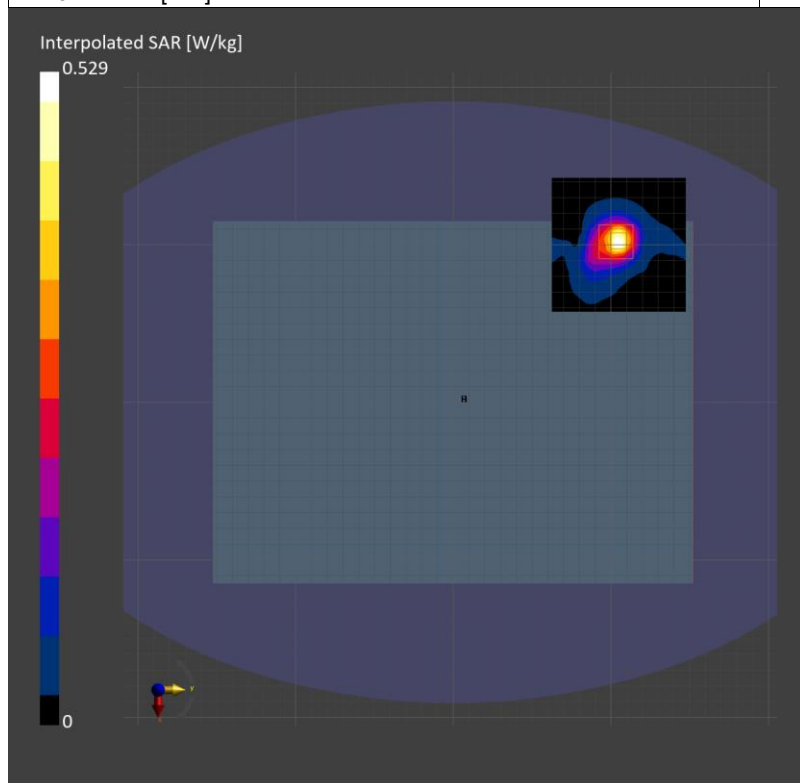
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	0.375	0.403
psSAR8g [W/kg]	0.143	0.150
psSAR10g [W/kg]	0.127	0.132
psPDab (4.0cm2, sq) [W/m2]		3.00
Power Drift [dB]	-0.02	0.03
M2/M1 [%]		56.8
Dist 3dB Peak [mm]		7.5



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ID: 019

Report No. :TESA2604000272EN

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Bottom Surface_CH 95_0mm_Aux

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	6425.0, 95	6.03	6.089	35.411

Hardware Setup

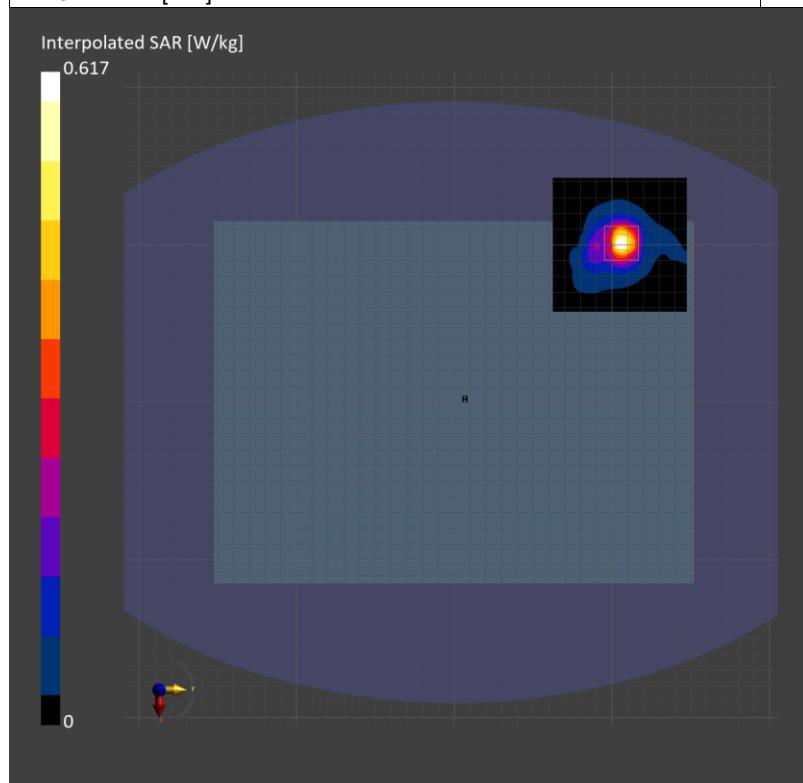
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	0.441	0.492
psSAR8g [W/kg]	0.160	0.168
psSAR10g [W/kg]	0.140	0.147
psPDab (4.0cm2, sq) [W/m2]		3.35
Power Drift [dB]	-0.03	0.01
M2/M1 [%]		54.4
Dist 3dB Peak [mm]		6.8



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f (886-2) 2298-0488

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ID: 020

Report No. :TESA2604000272EN

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Bottom Surface_CH 159_0mm_Aux

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	6745.0, 159	6.03	6.436	35.027

Hardware Setup

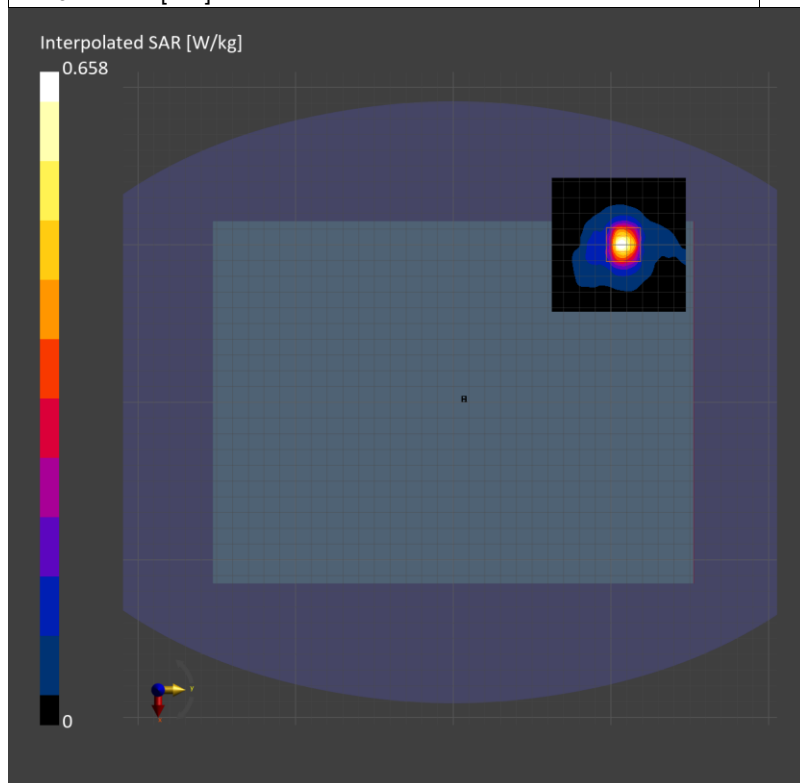
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	0.497	0.555
psSAR8g [W/kg]	0.174	0.183
psSAR10g [W/kg]	0.152	0.158
psPDab (4.0cm2, sq) [W/m2]		3.65
Power Drift [dB]	-0.02	0.03
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		6.2



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f (886-2) 2298-0488

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ID: 021

Report No. :TESA2604000272EN

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Bottom Surface_CH 191_0mm_Aux

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	6905.0, 191	6.08	6.612	34.835

Hardware Setup

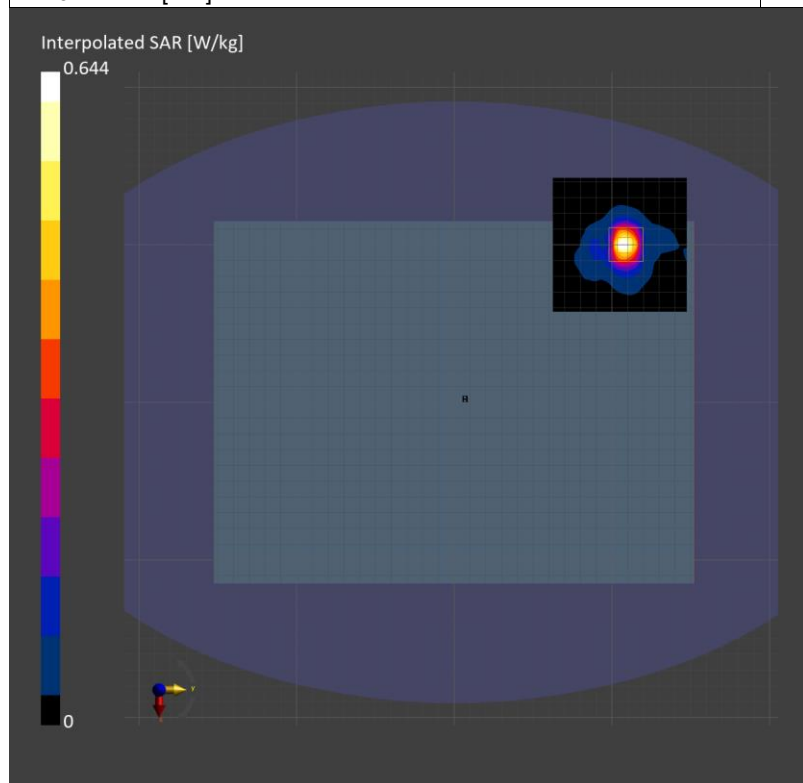
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	0.504	0.563
psSAR8g [W/kg]	0.175	0.184
psSAR10g [W/kg]	0.152	0.158
psPDab (4.0cm2, sq) [W/m2]		3.67
Power Drift [dB]	-0.03	-0.03
M2/M1 [%]		51.3
Dist 3dB Peak [mm]		6.8



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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: 022

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11b_Body_Back Surface_CH 6_0mm_Main

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	2437.0, 6	7.71	1.839	39.455

Hardware Setup

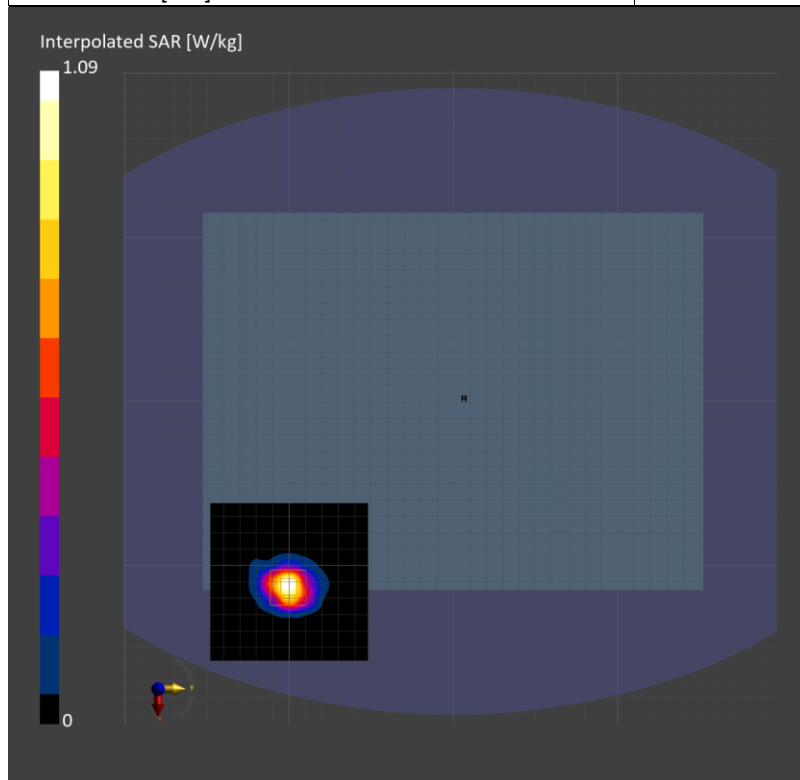
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 84.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-29	2026-05-29
psSAR1g [W/kg]	0.827	0.886
psSAR8g [W/kg]	0.407	0.443
psSAR10g [W/kg]	0.364	0.398
Power Drift [dB]	0.01	0.01
M2/M1 [%]		53.6
Dist 3dB Peak [mm]		8.5



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f (886-2) 2298-0488

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ID: 023

Report No. : TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Back Surface_CH 50_0mm_Main

Ambient temperature: 23.3°C; Liquid temperature: 22.3°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	5250.0, 50	6.04	4.765	36.161

Hardware Setup

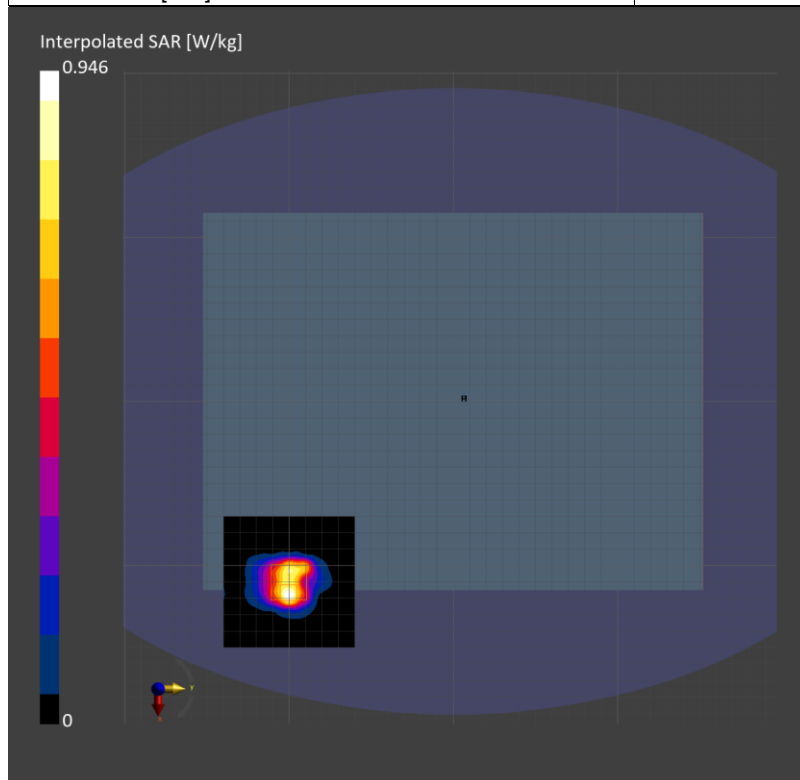
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.629	0.733
psSAR8g [W/kg]	0.276	0.314
psSAR10g [W/kg]	0.249	0.274
Power Drift [dB]	0.03	-0.01
M2/M1 [%]		53.2
Dist 3dB Peak [mm]		7.9



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ID: 024

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Back Surface_CH 58_0mm_Main

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Back Surface, 0.00	5290.0, 58	6.04	4.806	36.115

Hardware Setup

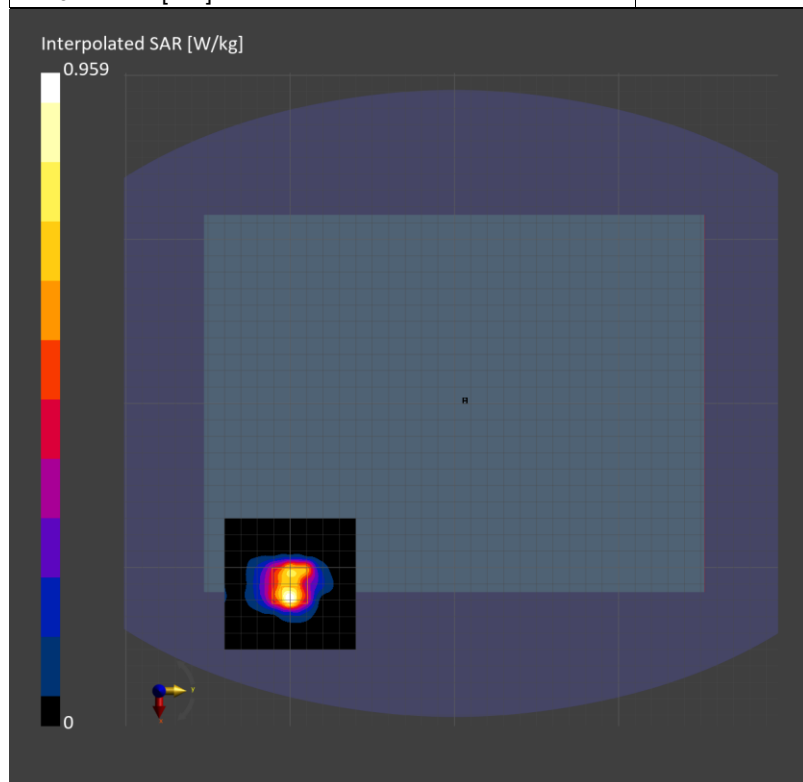
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.630	0.706
psSAR8g [W/kg]	0.270	0.307
psSAR10g [W/kg]	0.244	0.269
Power Drift [dB]	0.02	0.01
M2/M1 [%]		54.2
Dist 3dB Peak [mm]		8.7



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Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Back Surface_CH 114_0mm_Main

Ambient temperature: 23.3°C; Liquid temperature: 22.3°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	5570.0, 114	5.56	5.097	35.795

Hardware Setup

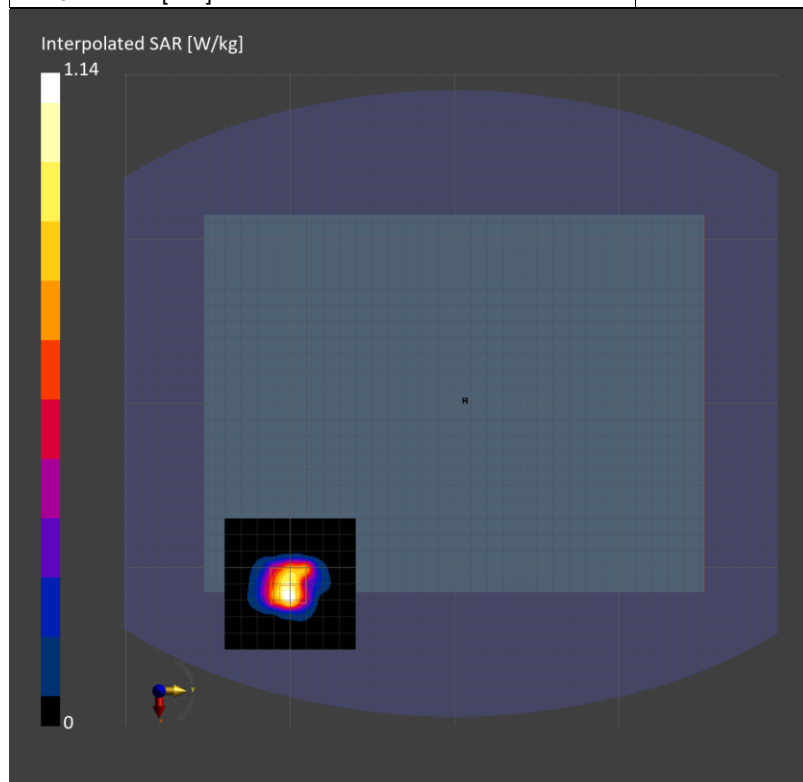
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.802	0.983
psSAR8g [W/kg]	0.338	0.365
psSAR10g [W/kg]	0.303	0.315
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		7.2



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 026

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Back Surface_CH 155_0mm_Main

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Back Surface, 0.00	5775.0, 155	5.64	5.309	35.561

Hardware Setup

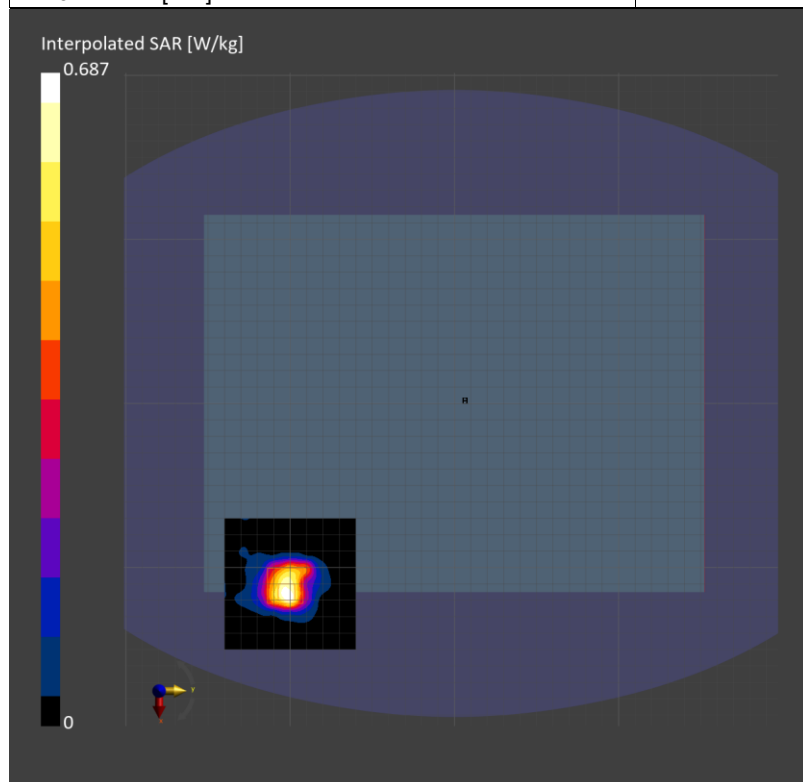
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.502	0.626
psSAR8g [W/kg]	0.213	0.238
psSAR10g [W/kg]	0.191	0.208
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		54.3
Dist 3dB Peak [mm]		7.2



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f (886-2) 2298-0488

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ID: 027

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Back Surface_CH 163_0mm_Main

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Back Surface, 0.00	5815.0, 163	5.41	5.351	35.515

Hardware Setup

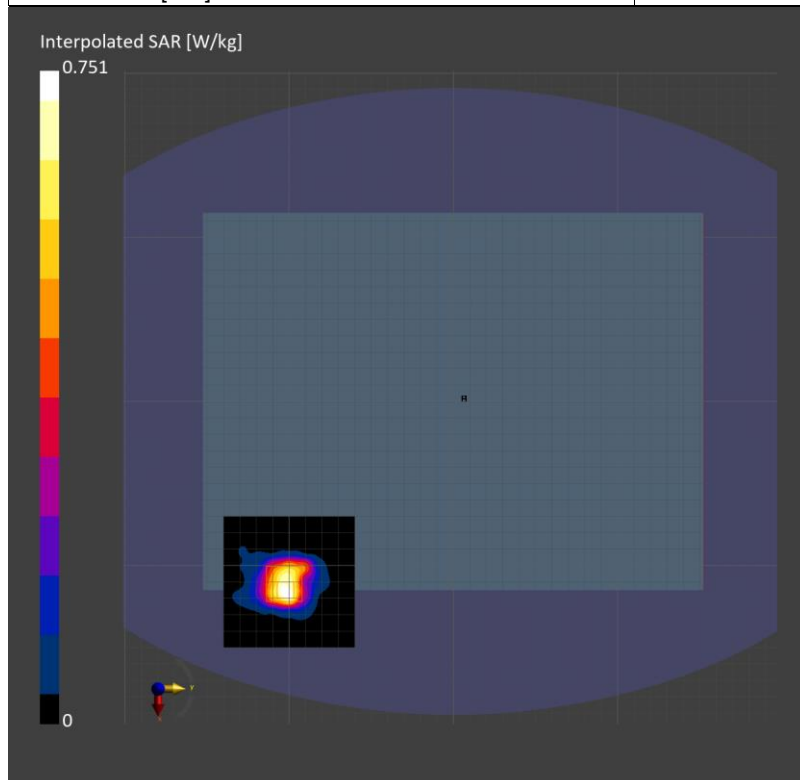
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.552	0.694
psSAR8g [W/kg]	0.237	0.260
psSAR10g [W/kg]	0.212	0.227
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		52.3
Dist 3dB Peak [mm]		7.2



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f (886-2) 2298-0488

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ID: 028

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11b_Body_Back Surface_CH 11_0mm_Aux

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	2462.0, 11	7.71	1.861	39.417

Hardware Setup

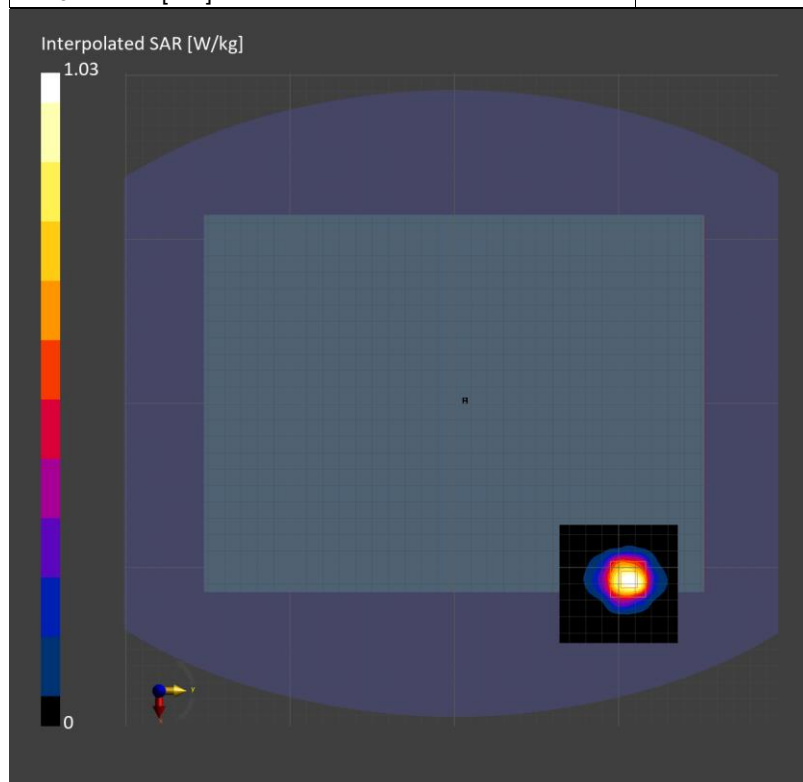
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

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	2026-05-29	2026-05-29
psSAR1g [W/kg]	0.823	0.904
psSAR8g [W/kg]	0.426	0.464
psSAR10g [W/kg]	0.383	0.418
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		8.3



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f (886-2) 2298-0488

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ID: 029

Report No. :TESA2604000272EN

Measurement Report_Bluetooth(GFSK)_Body_Back Surface_CH 00_0mm_Aux

Ambient temperature: 23.5°C; Liquid temperature: 22.5°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	2402.0, 0	7.71	1.808	39.517

Hardware Setup

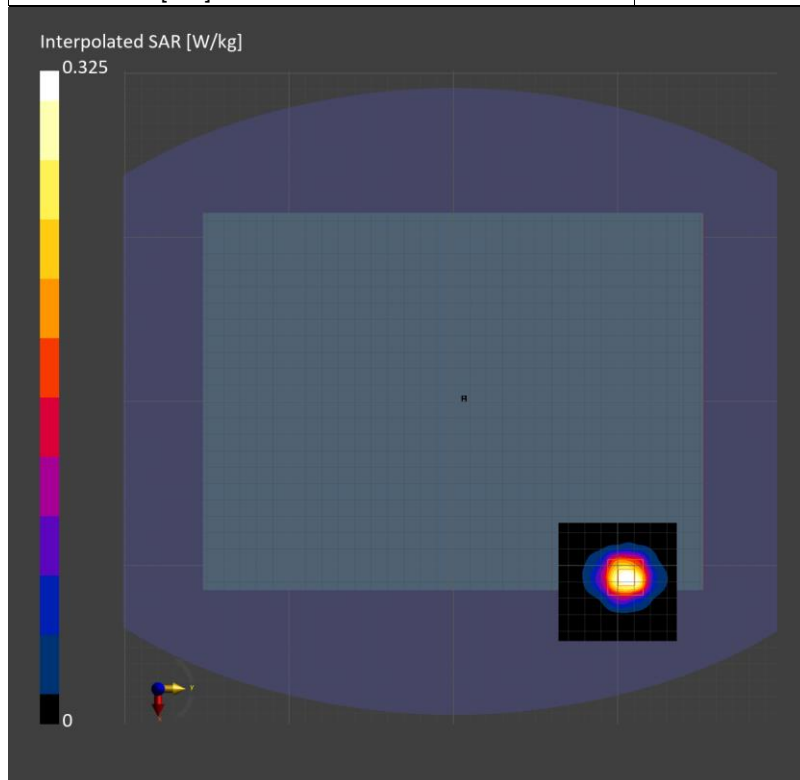
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

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	2026-05-29	2026-05-29
psSAR1g [W/kg]	0.262	0.297
psSAR8g [W/kg]	0.136	0.154
psSAR10g [W/kg]	0.123	0.139
Power Drift [dB]	0.01	-0.04
M2/M1 [%]		53.3
Dist 3dB Peak [mm]		8.6



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f (886-2) 2298-0488

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ID: 030

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Back Surface_CH 50_0mm_Aux

Ambient temperature: 23.3°C; Liquid temperature: 22.3°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	5250.0, 50	6.04	4.765	36.161

Hardware Setup

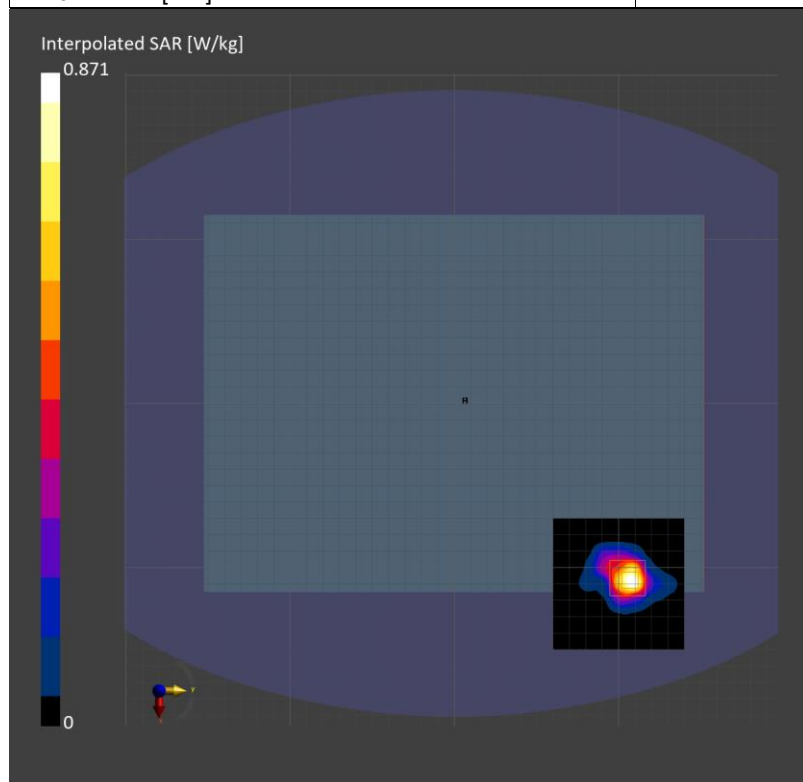
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.613	0.659
psSAR8g [W/kg]	0.240	0.262
psSAR10g [W/kg]	0.211	0.232
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		53.0
Dist 3dB Peak [mm]		7.2



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 031

Report No. :TESA2604000272EN

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

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Back Surface, 0.00	5290.0, 58	6.04	4.806	36.115

Hardware Setup

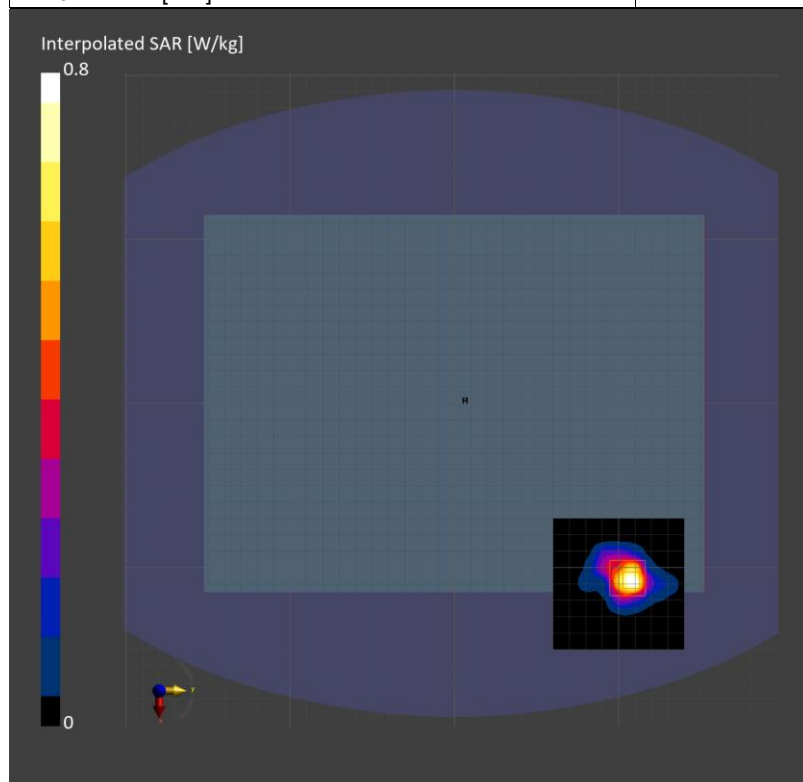
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.562	0.604
psSAR8g [W/kg]	0.220	0.242
psSAR10g [W/kg]	0.193	0.215
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		53.1
Dist 3dB Peak [mm]		7.2



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f (886-2) 2298-0488

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Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Back Surface_CH 114_0mm_Aux

Ambient temperature: 23.3°C; Liquid temperature: 22.3°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	5570.0, 114	5.56	5.097	35.795

Hardware Setup

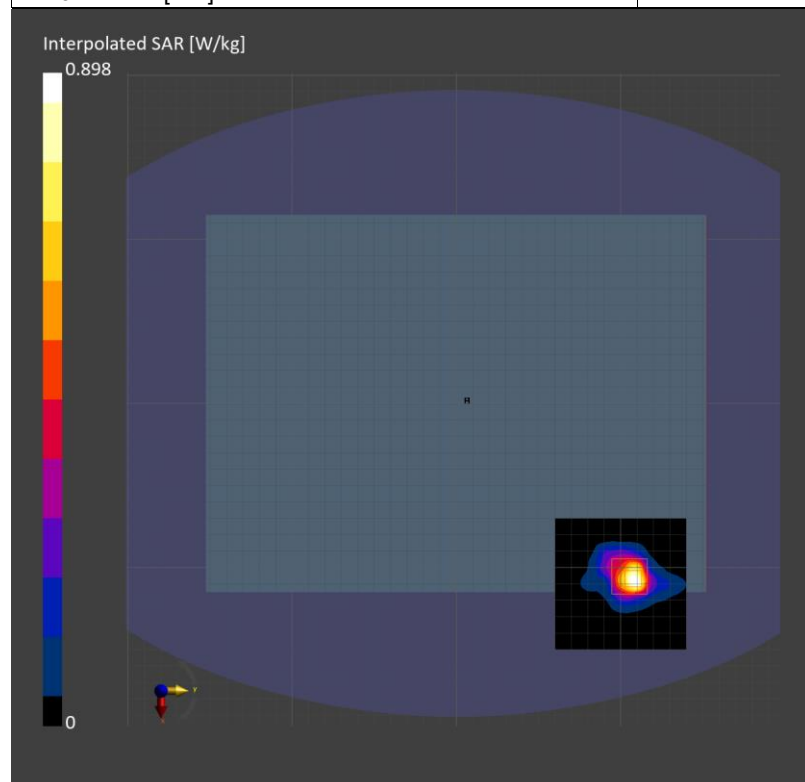
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.630	0.673
psSAR8g [W/kg]	0.240	0.269
psSAR10g [W/kg]	0.211	0.234
Power Drift [dB]	0.02	-0.02
M2/M1 [%]		50.1
Dist 3dB Peak [mm]		7.2



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ID: 033

Report No. :TESA2604000272EN

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

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Back Surface, 0.00	5775.0, 155	5.64	5.309	35.561

Hardware Setup

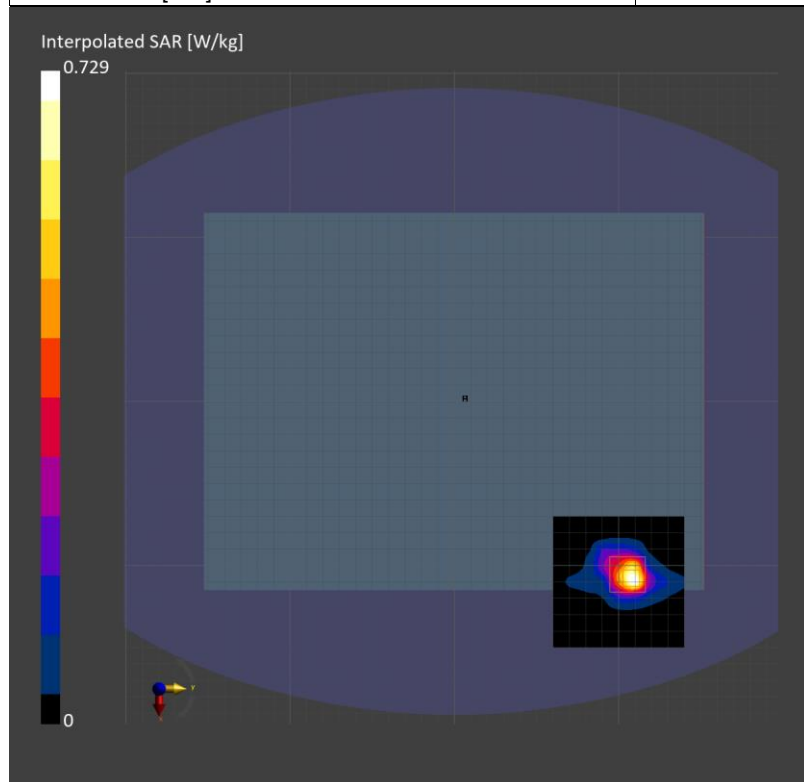
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.505	0.538
psSAR8g [W/kg]	0.191	0.213
psSAR10g [W/kg]	0.168	0.187
Power Drift [dB]	0.02	0.00
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		7.2



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 034

Report No. :TESA2604000272EN

Measurement Report_WLAN 802.11ac(160M) 5.9G_Body_Back Surface_CH 163_0mm_Aux

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Back Surface, 0.00	5815.0, 163	5.41	5.351	35.515

Hardware Setup

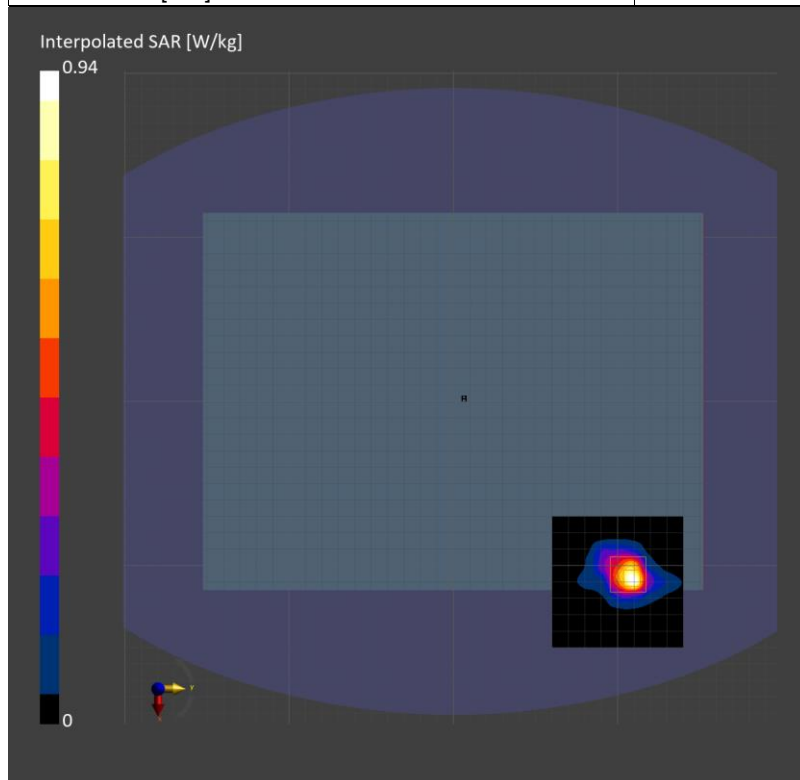
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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	2026-05-30	2026-05-30
psSAR1g [W/kg]	0.646	0.686
psSAR8g [W/kg]	0.242	0.269
psSAR10g [W/kg]	0.212	0.235
Power Drift [dB]	0.01	0.00
M2/M1 [%]		54.4
Dist 3dB Peak [mm]		7.2



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ID: 035

Report No. :TESA2604000272EN

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Back Surface_CH 31_0mm_Main

Ambient temperature: 23.1°C; Liquid temperature: 22.1°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	6105.0, 31	6.03	5.654	35.178

Hardware Setup

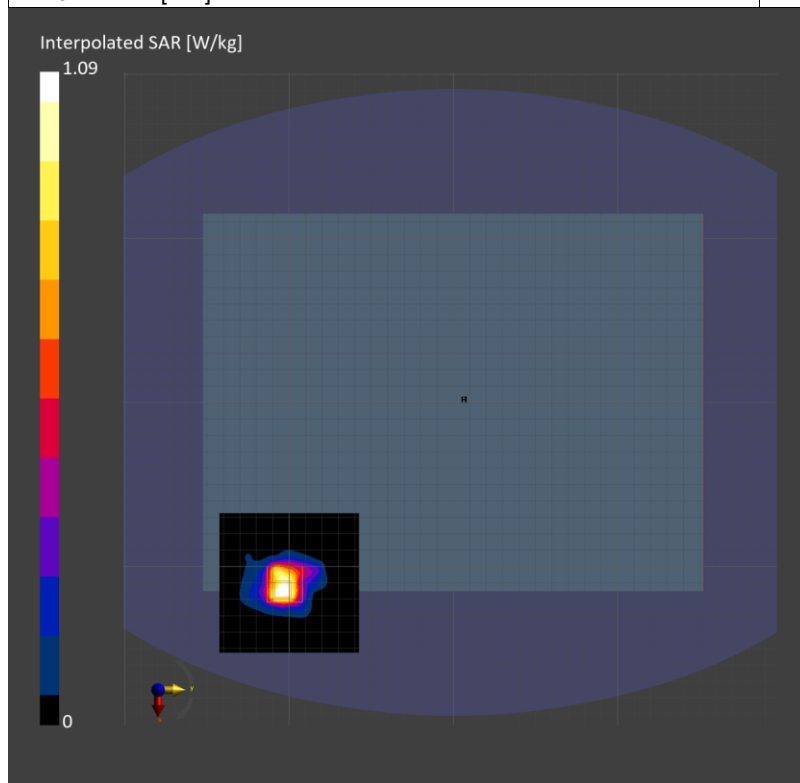
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-31	2026-05-31
psSAR1g [W/kg]	0.817	0.957
psSAR8g [W/kg]	0.329	0.335
psSAR10g [W/kg]	0.290	0.290
psPDab (4.0cm2, sq) [W/m2]		6.70
Power Drift [dB]	0.01	-0.03
M2/M1 [%]		56.4
Dist 3dB Peak [mm]		6.8



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f (886-2) 2298-0488

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ID: 036

Report No. :TESA2604000272EN

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Back Surface_CH 95_0mm_Main

Ambient temperature: 23.1°C; Liquid temperature: 22.1°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	6425.0, 95	6.03	5.992	34.794

Hardware Setup

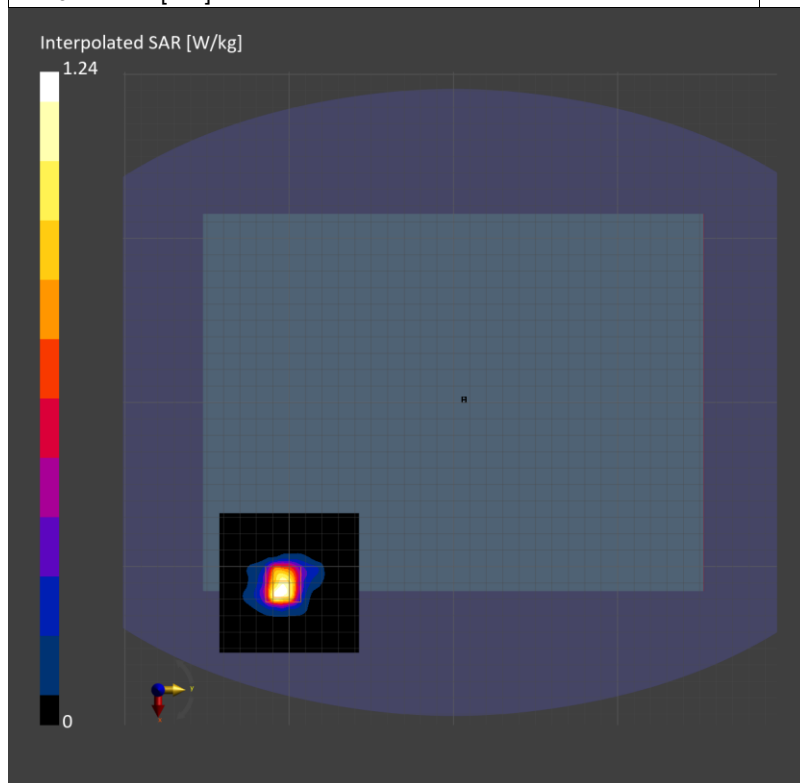
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 70.0	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	2026-05-31	2026-05-31
psSAR1g [W/kg]	0.948	1.07
psSAR8g [W/kg]	0.365	0.369
psSAR10g [W/kg]	0.320	0.314
psPDab (4.0cm2, sq) [W/m2]		7.38
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		53.5
Dist 3dB Peak [mm]		6.5



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t (886-2) 2299-3279

f (886-2) 2298-0488

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ID: 037

Report No. :TESA2604000272EN

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Back Surface_CH 159_0mm_Main

Ambient temperature: 23.1°C; Liquid temperature: 22.1°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	6745.0, 159	6.03	6.335	34.410

Hardware Setup

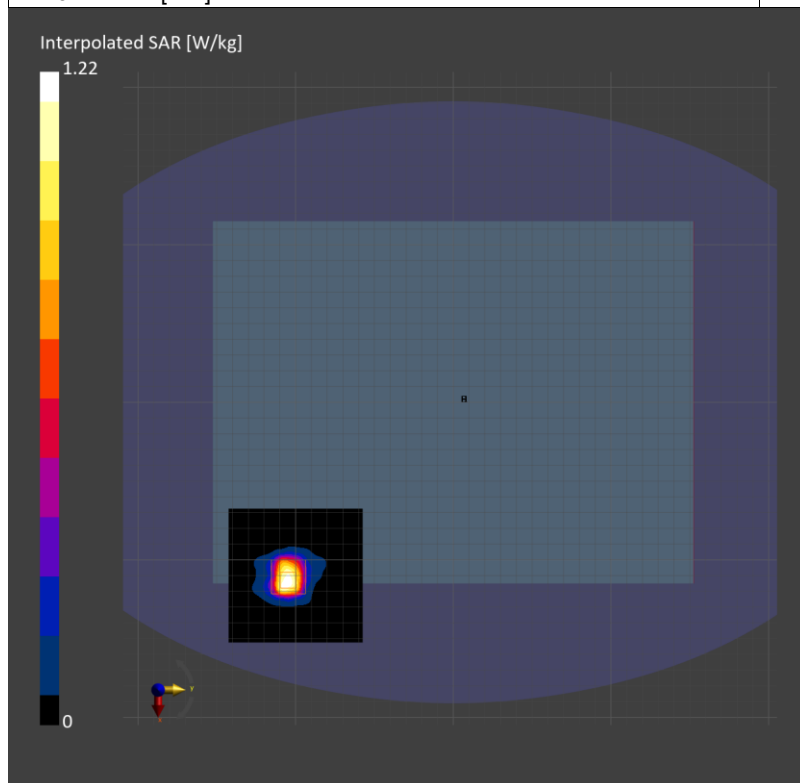
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-31	2026-05-31
psSAR1g [W/kg]	0.976	1.10
psSAR8g [W/kg]	0.365	0.370
psSAR10g [W/kg]	0.318	0.321
psPDab (4.0cm2, sq) [W/m2]		7.39
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		6.8



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f (886-2) 2298-0488

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ID: 038

Report No. :TESA2604000272EN

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Back Surface_CH 191_0mm_Main

Ambient temperature: 23.1°C; Liquid temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Back Surface, 0.00	6905.0, 191	6.08	6.508	34.218

Hardware Setup

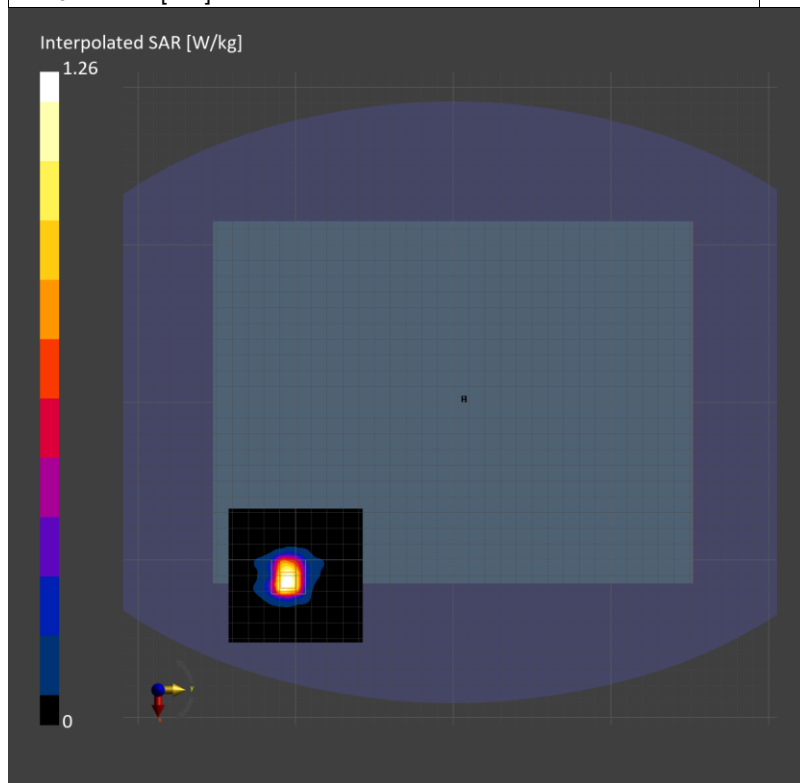
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-31	2026-05-31
psSAR1g [W/kg]	1.03	1.13
psSAR8g [W/kg]	0.379	0.376
psSAR10g [W/kg]	0.329	0.327
psPDab (4.0cm2, sq) [W/m2]		7.53
Power Drift [dB]	-0.01	-0.01
M2/M1 [%]		51.1
Dist 3dB Peak [mm]		6.8



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f (886-2) 2298-0488

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ID: 039

Report No. :TESA2604000272EN

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Back Surface_CH 31_0mm_Aux

Ambient temperature: 23.1°C; Liquid temperature: 22.1°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	6105.0, 31	6.03	5.654	35.178

Hardware Setup

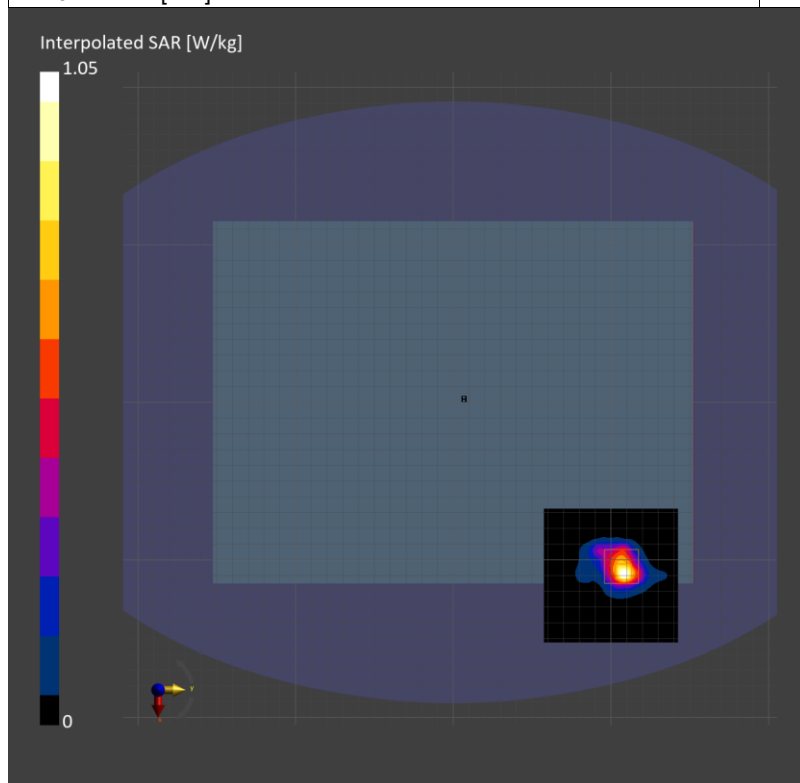
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-31	2026-05-31
psSAR1g [W/kg]	0.690	0.740
psSAR8g [W/kg]	0.252	0.271
psSAR10g [W/kg]	0.221	0.232
psPDab (4.0cm2, sq) [W/m2]		5.42
Power Drift [dB]	0.02	0.01
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		6.3



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Report No. :TESA2604000272EN

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Back Surface_CH 95_0mm_Aux

Ambient temperature: 23.1°C; Liquid temperature: 22.1°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	6425.0, 95	6.03	5.992	34.794

Hardware Setup

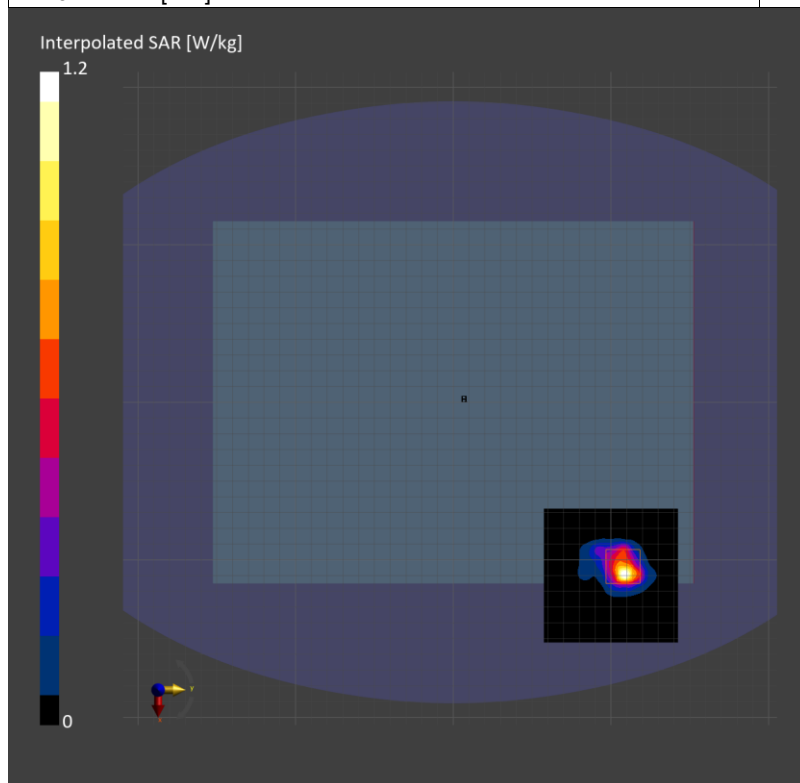
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-31	2026-05-31
psSAR1g [W/kg]	0.780	0.856
psSAR8g [W/kg]	0.274	0.292
psSAR10g [W/kg]	0.241	0.253
psPDab (4.0cm2, sq) [W/m2]		5.85
Power Drift [dB]	0.00	-0.01
M2/M1 [%]		52.2
Dist 3dB Peak [mm]		5.5



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Report No. :TESA2604000272EN

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Body_Back Surface_CH 127_0mm_Aux

Ambient temperature: 23.1°C; Liquid temperature: 22.1°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	6585.0, 127	6.03	6.163	34.602

Hardware Setup

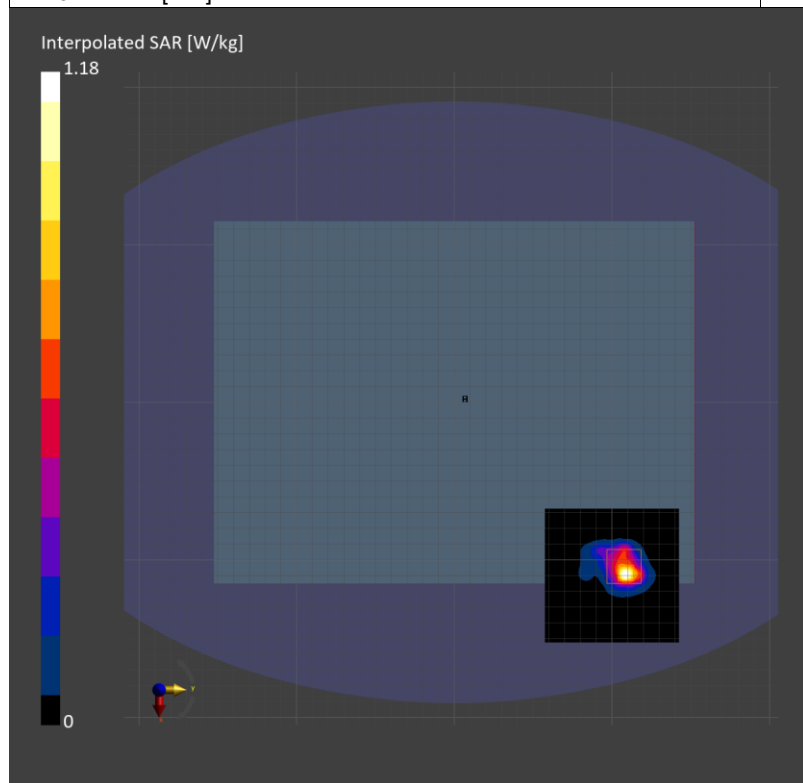
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-31	2026-05-31
psSAR1g [W/kg]	0.773	0.848
psSAR8g [W/kg]	0.266	0.281
psSAR10g [W/kg]	0.233	0.241
psPDab (4.0cm2, sq) [W/m2]		5.62
Power Drift [dB]	-0.01	-0.07
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		5.5



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f (886-2) 2298-0488

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ID: 042

Report No. :TESA2604000272EN

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Back Surface_CH 191_0mm_Aux

Ambient temperature: 23.1°C; Liquid temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Back Surface, 0.00	6905.0, 191	6.08	6.508	34.218

Hardware Setup

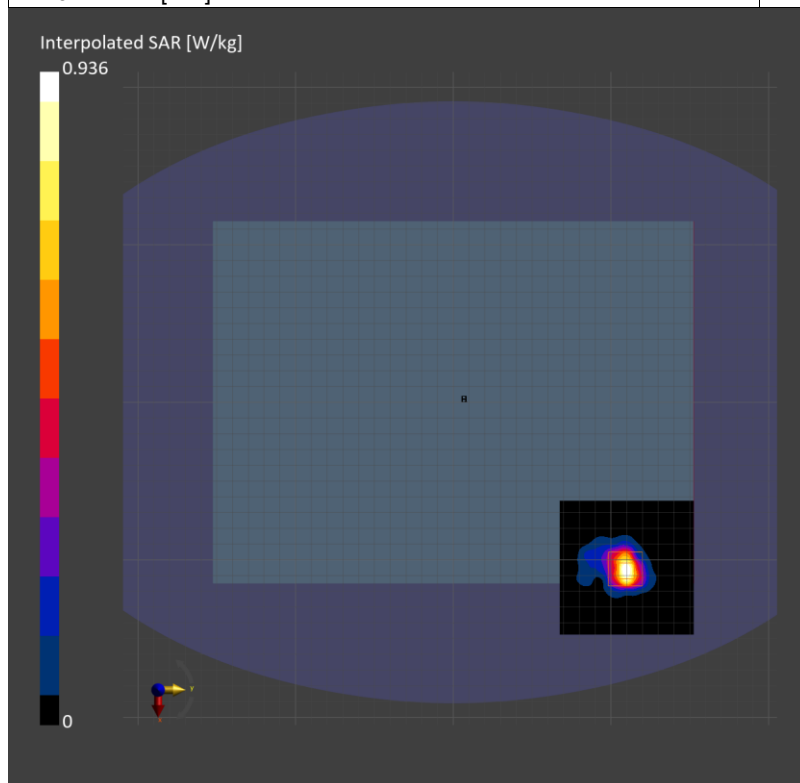
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-31	2026-05-31
psSAR1g [W/kg]	0.729	0.848
psSAR8g [W/kg]	0.260	0.267
psSAR10g [W/kg]	0.227	0.229
psPDab (4.0cm2, sq) [W/m2]		5.34
Power Drift [dB]	0.01	-0.06
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		6.2



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f (886-2) 2298-0488

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13 PD MEASUREMENT RESULTS

ID: 043

Report No. :TESA2604000272EN

Measurement Report_

IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 191 (6905.0 MHz)_Main

Exposure Conditions

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

Hardware Setup

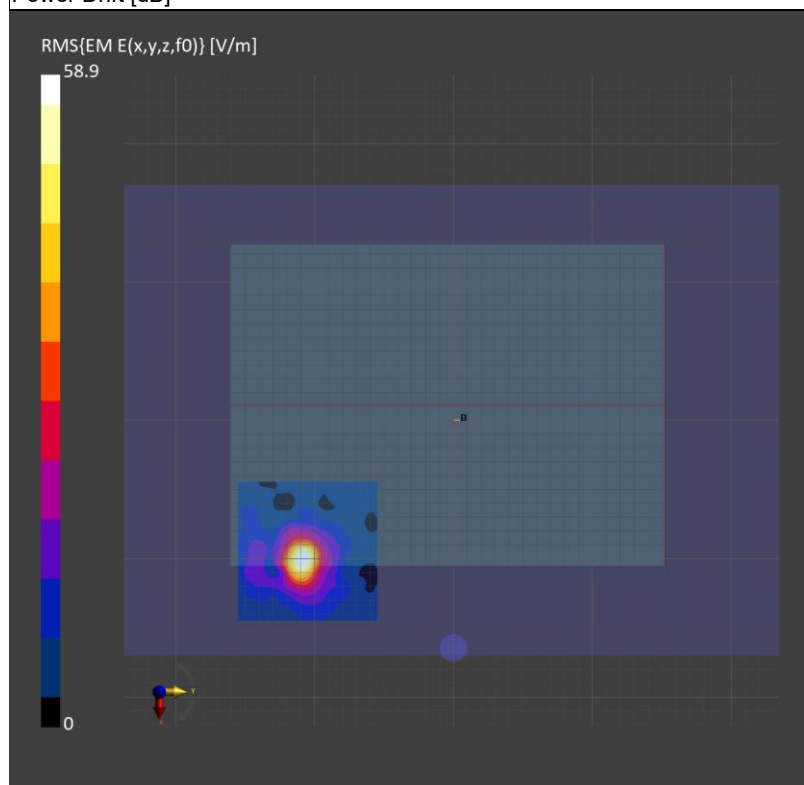
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1106	Air	EUmmWV3 - SN9399_F1-55GHz, 2026-01-19	DAE4 Sn1260, 2025-09-28

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	2026-06-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.02
psPDtot+ [W/m ²]	3.52
psPDmod+ [W/m ²]	4.19
E _{max} [V/m]	58.9
Power Drift [dB]	0.01



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ID: 044

Report No. :TESA2604000272EN

Measurement Report

IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 6425000 (6425.0 MHz)_Aux

Exposure Conditions

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

Hardware Setup

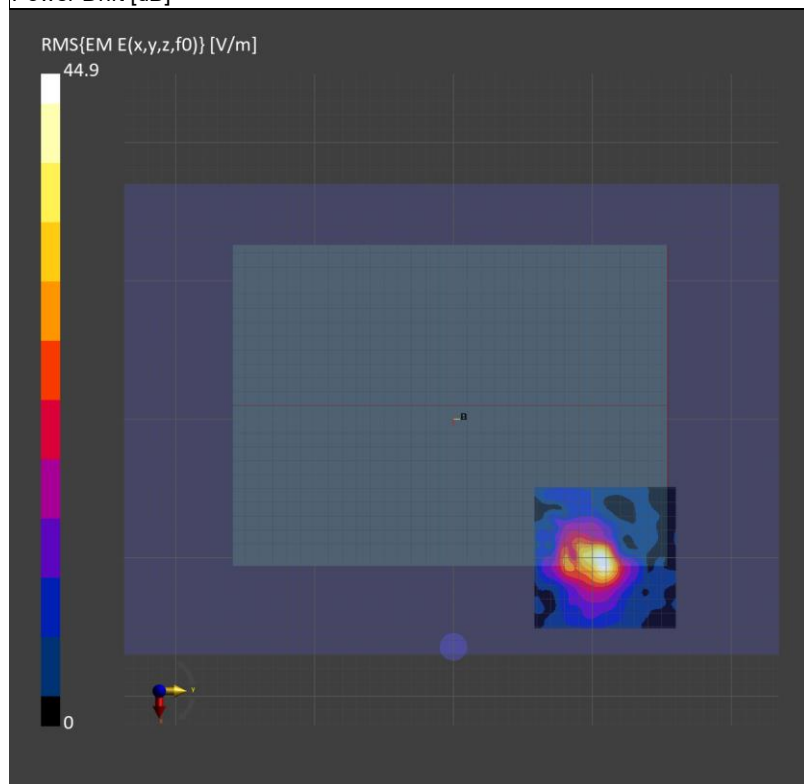
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1106	Air	EUmmWV3 - SN9399_F1-55GHz, 2026-01-19	DAE4 Sn1260, 2025-09-28

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	2026-06-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.20
psPDtot+ [W/m ²]	2.56
psPDmod+ [W/m ²]	2.74
E _{max} [V/m]	54.9
Power Drift [dB]	0.02



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14 SAR SYSTEM CHECK RESULTS

Report No. :TESA2604000272EN

Measurement Report

Dipole_2450-SN:727

Ambient temperature: 23.5°C; Liquid temperature: 22.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	7.71	1.850	39.432

Hardware Setup

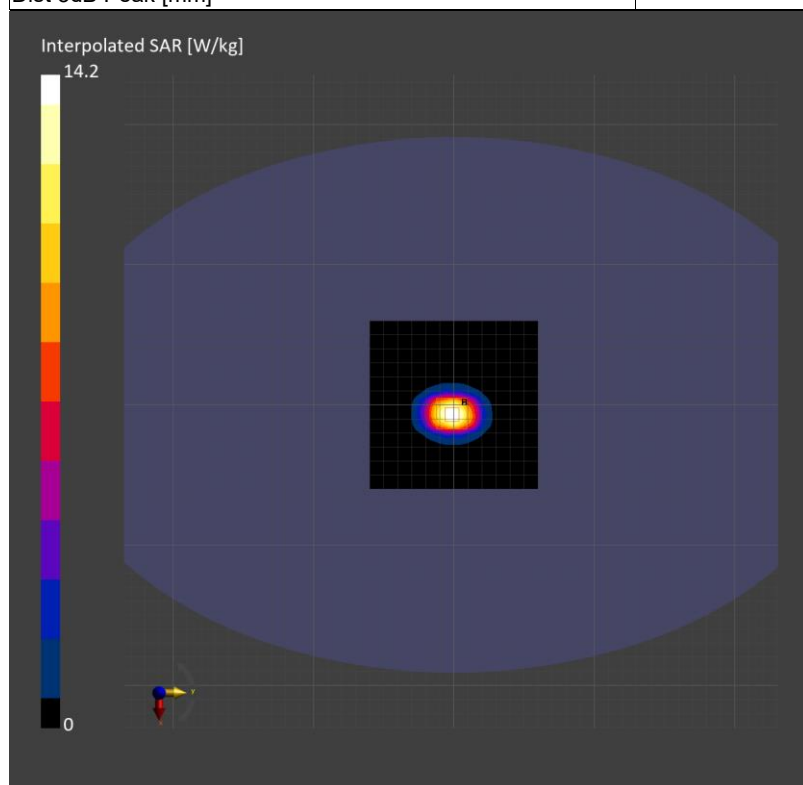
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-29	2026-05-29
psSAR1g [W/kg]	11.5	12.8
psSAR8g [W/kg]	6.32	6.83
psSAR10g [W/kg]	5.75	6.21
Power Drift [dB]	-0.05	-0.01
M2/M1 [%]		53.5
Dist 3dB Peak [mm]		9.1



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Report No. :TESA2604000272EN

Measurement Report

Dipole_2450-SN:727

Ambient temperature: 23.2°C; Liquid temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	7.71	1.877	40.050

Hardware Setup

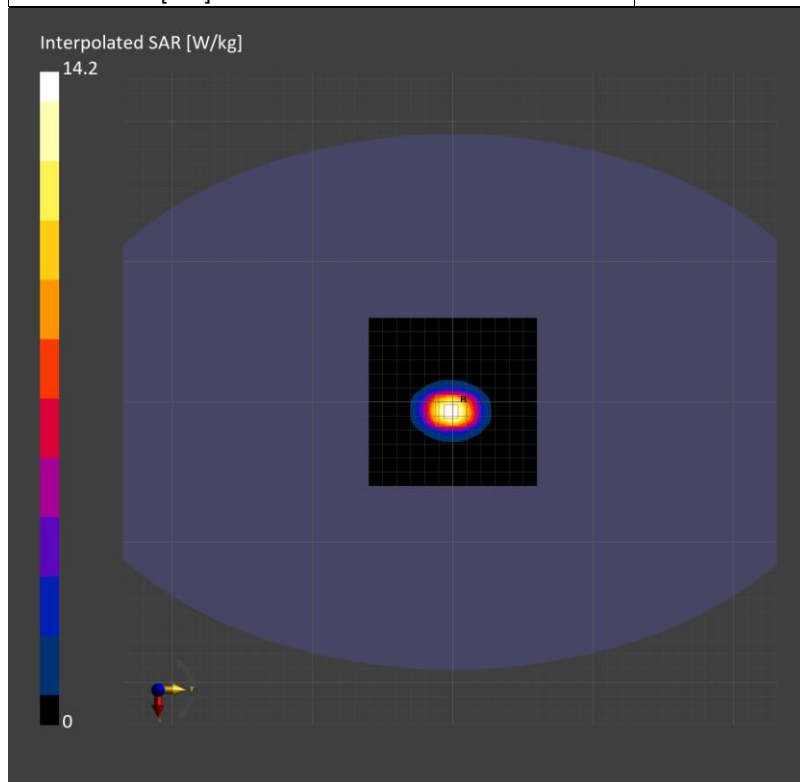
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-01	2026-06-01
psSAR1g [W/kg]	11.2	12.7
psSAR8g [W/kg]	6.25	6.79
psSAR10g [W/kg]	5.70	6.17
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		56.4
Dist 3dB Peak [mm]		8.3



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f (886-2) 2298-0488

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Report No. :TESA2604000272EN

Measurement Report

Dipole_5250-SN:1349

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	6.04	4.765	36.161

Hardware Setup

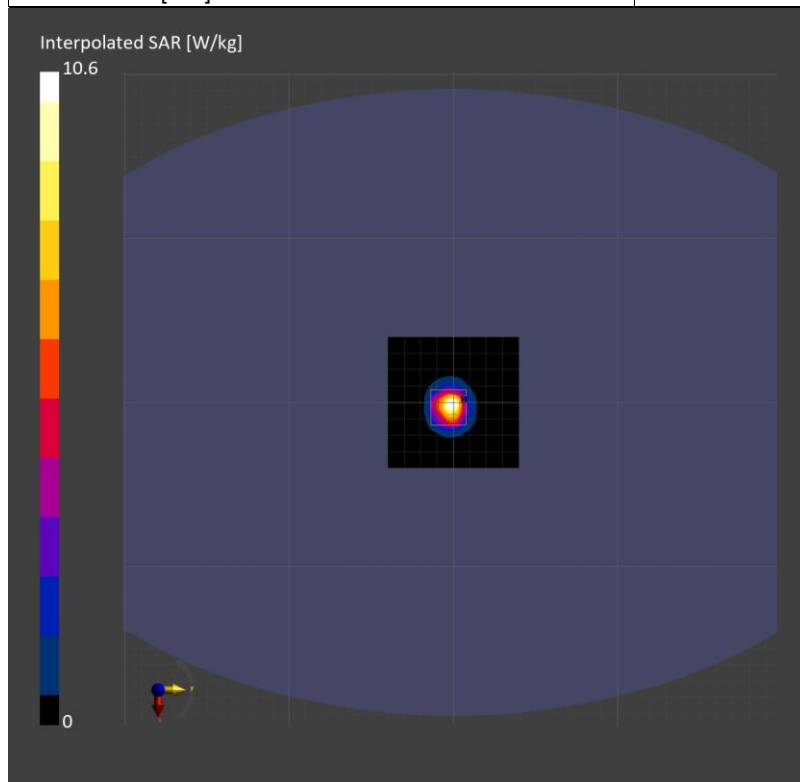
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-30	2026-05-30
psSAR1g [W/kg]	6.97	7.70
psSAR8g [W/kg]	2.45	2.58
psSAR10g [W/kg]	2.11	2.21
Power Drift [dB]	-0.01	-0.01
M2/M1 [%]		64.5
Dist 3dB Peak [mm]		7.2



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Report No. :TESA2604000272EN

Measurement Report

Dipole_5250-SN:1349

Ambient temperature: 23.4°C; Liquid temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	6.04	4.844	36.779

Hardware Setup

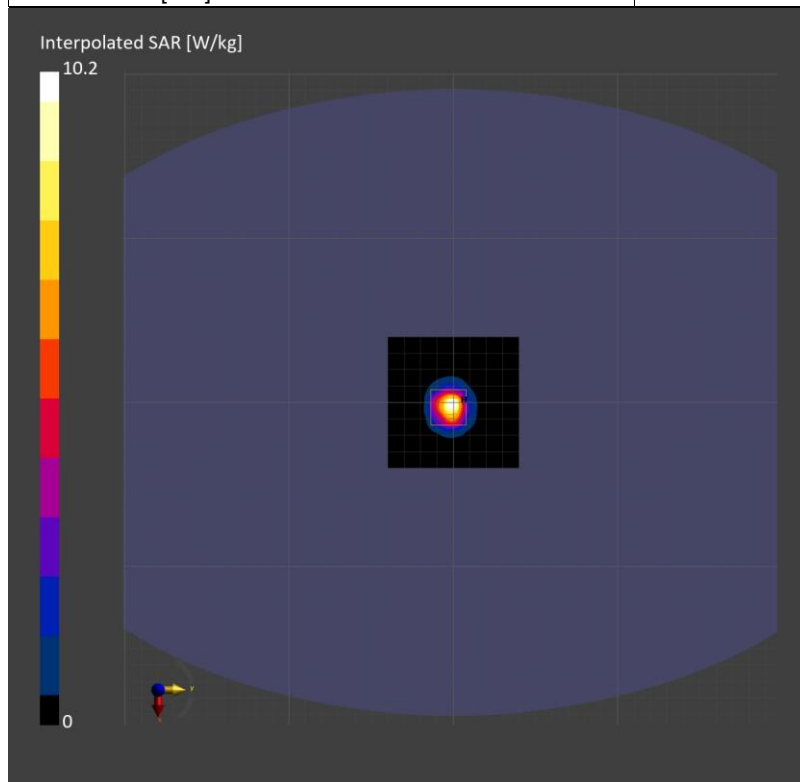
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-02	2026-06-02
psSAR1g [W/kg]	6.74	7.52
psSAR8g [W/kg]	2.37	2.51
psSAR10g [W/kg]	2.05	2.16
Power Drift [dB]	-0.05	0.13
M2/M1 [%]		64.1
Dist 3dB Peak [mm]		7.9



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Report No. :TESA2604000272EN

Measurement Report

Dipole_5600-SN:1349

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.56	5.128	35.761

Hardware Setup

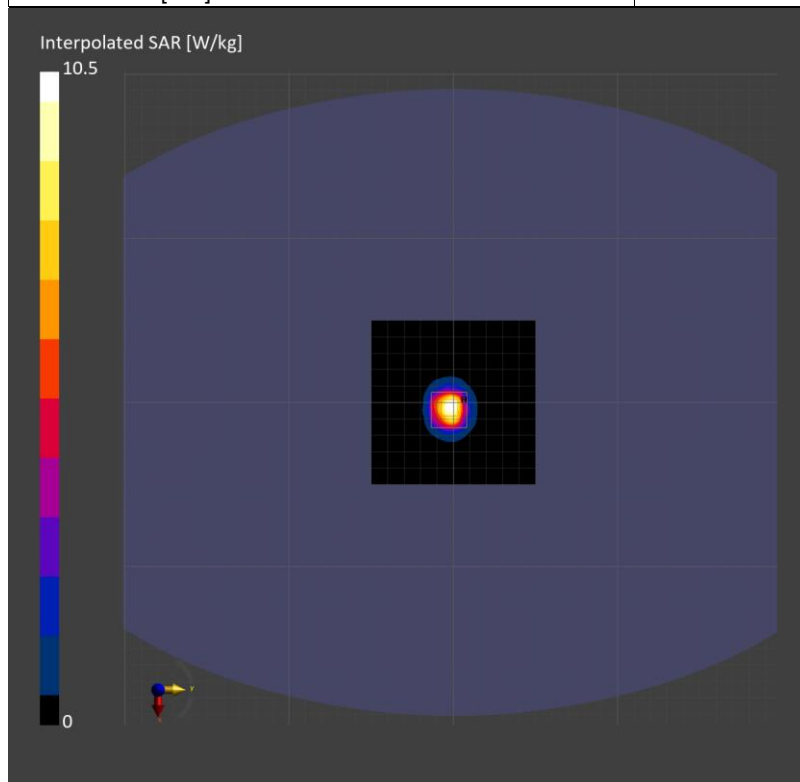
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

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 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-30	2026-05-30
psSAR1g [W/kg]	7.42	8.72
psSAR8g [W/kg]	2.69	2.91
psSAR10g [W/kg]	2.33	2.50
Power Drift [dB]	-0.01	0.02
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		8.6



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Report No. :TESA2604000272EN

Measurement Report

Dipole_5600-SN:1349

Ambient temperature: 23.4°C; Liquid temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.56	5.212	36.379

Hardware Setup

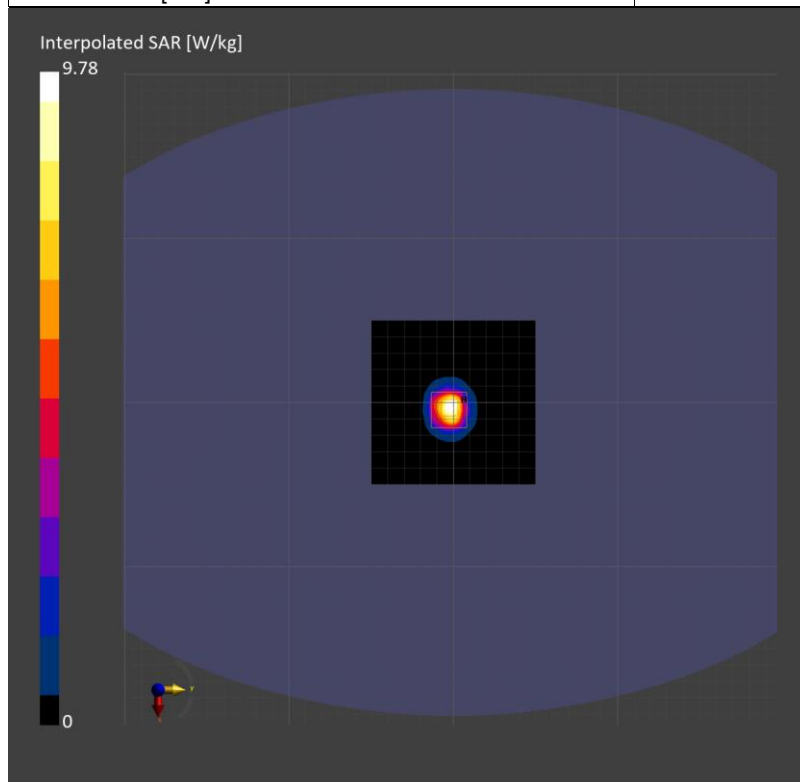
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

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 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-02	2026-06-02
psSAR1g [W/kg]	6.92	8.18
psSAR8g [W/kg]	2.51	2.73
psSAR10g [W/kg]	2.17	2.34
Power Drift [dB]	-0.01	0.01
M2/M1 [%]		61.4
Dist 3dB Peak [mm]		7.9



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Report No. :TESA2604000272EN

Measurement Report

Dipole_5750-SN:1349

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.64	5.283	35.589

Hardware Setup

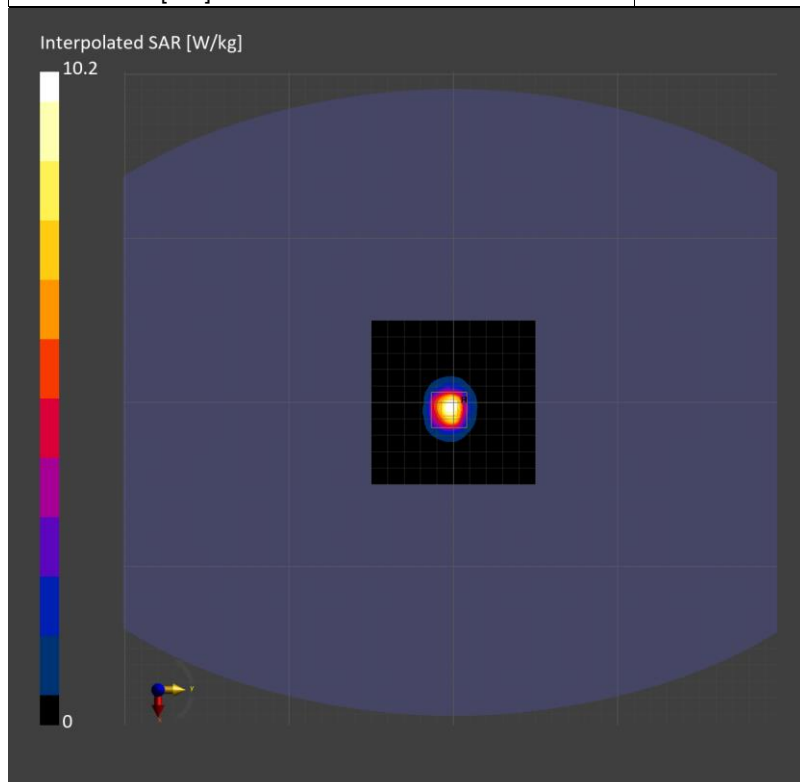
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

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 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-30	2026-05-30
psSAR1g [W/kg]	7.28	8.62
psSAR8g [W/kg]	2.62	2.85
psSAR10g [W/kg]	2.27	2.45
Power Drift [dB]	-0.01	0.01
M2/M1 [%]		60.9
Dist 3dB Peak [mm]		7.8



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f (886-2) 2298-0488

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Report No. :TESA2604000272EN

Measurement Report

Dipole_5750-SN:1349

Ambient temperature: 23.4°C; Liquid temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.64	5.370	36.207

Hardware Setup

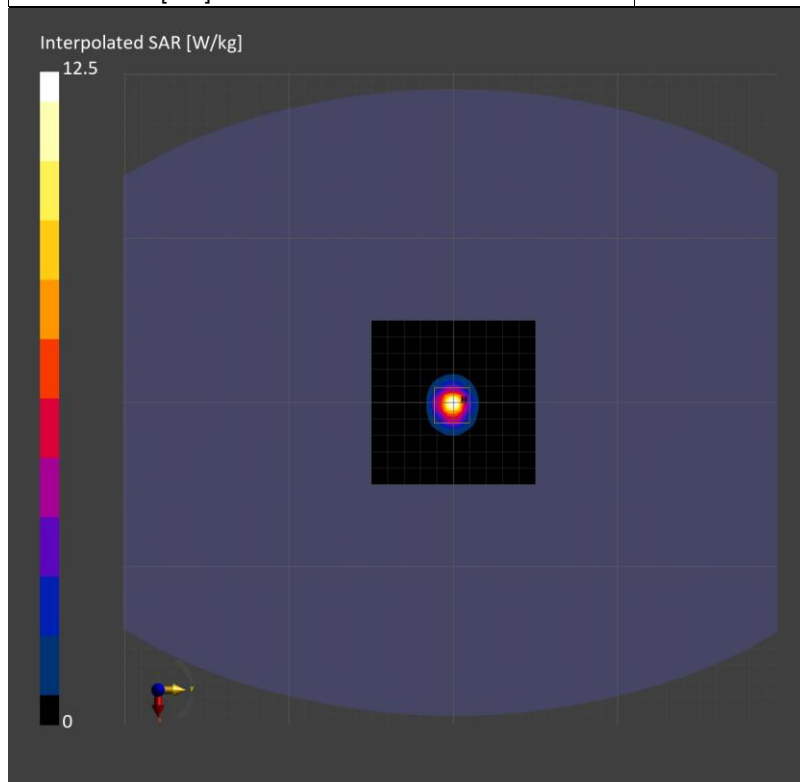
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

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 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-02	2026-06-02
psSAR1g [W/kg]	7.85	8.37
psSAR8g [W/kg]	2.58	2.78
psSAR10g [W/kg]	2.23	2.38
Power Drift [dB]	-0.01	0.01
M2/M1 [%]		61.4
Dist 3dB Peak [mm]		7.6



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Report No. :TESA2604000272EN

Measurement Report

Dipole_5850-SN:1349

Ambient temperature: 23.3°C; Liquid temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.41	5.387	35.475

Hardware Setup

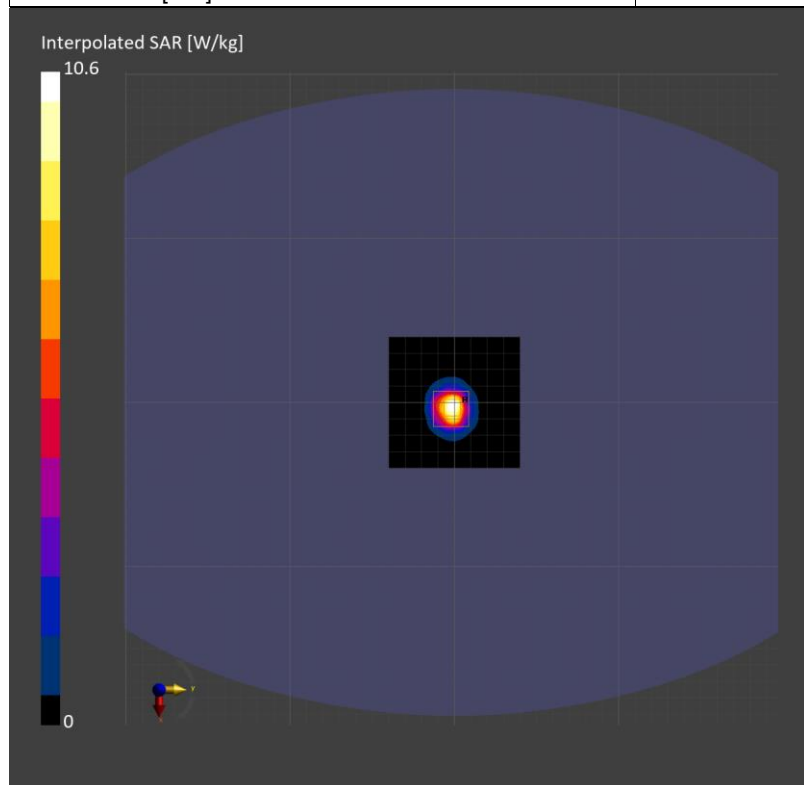
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-30	2026-05-30
psSAR1g [W/kg]	7.49	8.50
psSAR8g [W/kg]	2.66	2.83
psSAR10g [W/kg]	2.30	2.42
Power Drift [dB]	-0.01	0.00
M2/M1 [%]		59.2
Dist 3dB Peak [mm]		7.4



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Report No. :TESA2604000272EN

Measurement Report

Dipole_5850-SN:1349

Ambient temperature: 23.4°C; Liquid temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.41	5.475	36.093

Hardware Setup

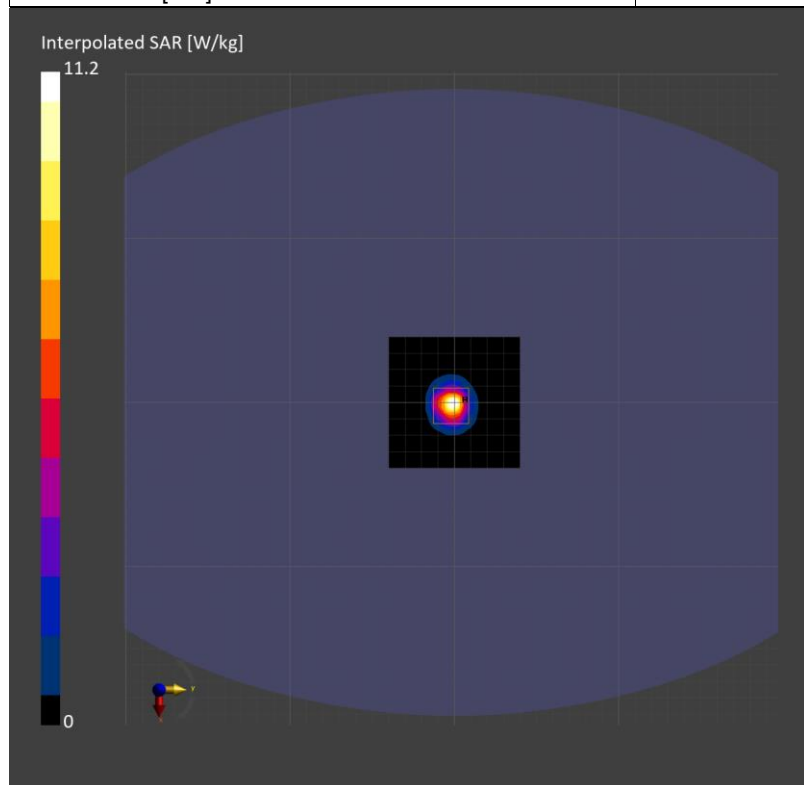
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-02	2026-06-02
psSAR1g [W/kg]	7.28	7.86
psSAR8g [W/kg]	2.44	2.60
psSAR10g [W/kg]	2.11	2.24
Power Drift [dB]	-0.01	0.01
M2/M1 [%]		60.4
Dist 3dB Peak [mm]		7.1



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Report No. :TESA2604000272EN

Measurement Report

Dipole_6500-SN:1006

Ambient temperature: 23.1°C; Liquid temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 5.00	6.03	6.072	34.704

Hardware Setup

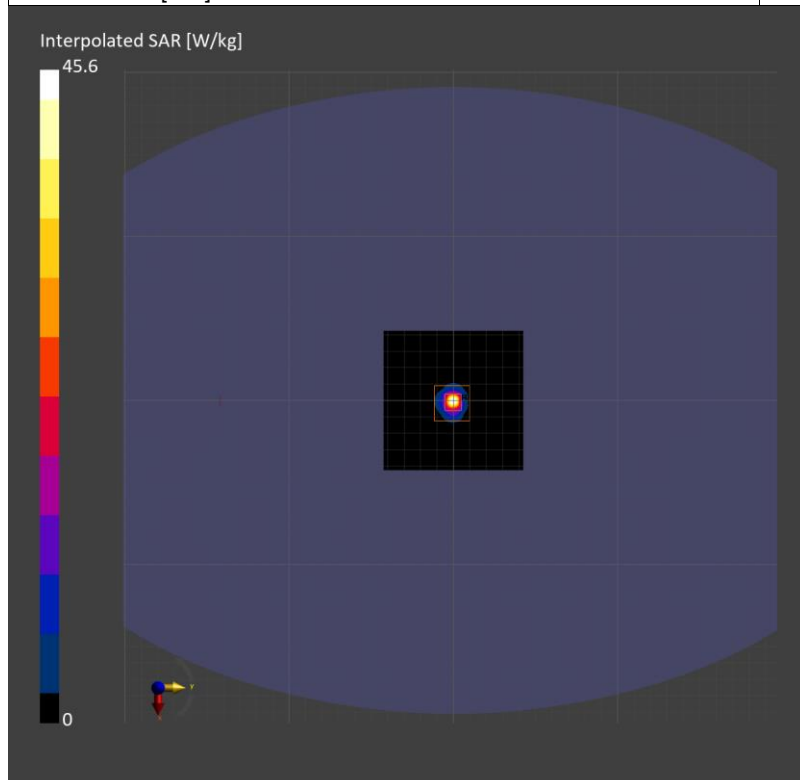
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-31	2026-05-31
psSAR1g [W/kg]	23.1	27.2
psSAR8g [W/kg]	5.37	6.12
psSAR10g [W/kg]	4.46	5.05
psPDab (4.0cm2, sq) [W/m2]		122
Power Drift [dB]	0.01	0.01
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		4.8



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Report No. :TESA2604000272EN

Measurement Report

Dipole_6500-SN:1006

Ambient temperature: 23.5°C; Liquid temperature: 22.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 5.00	6.03	6.170	35.321

Hardware Setup

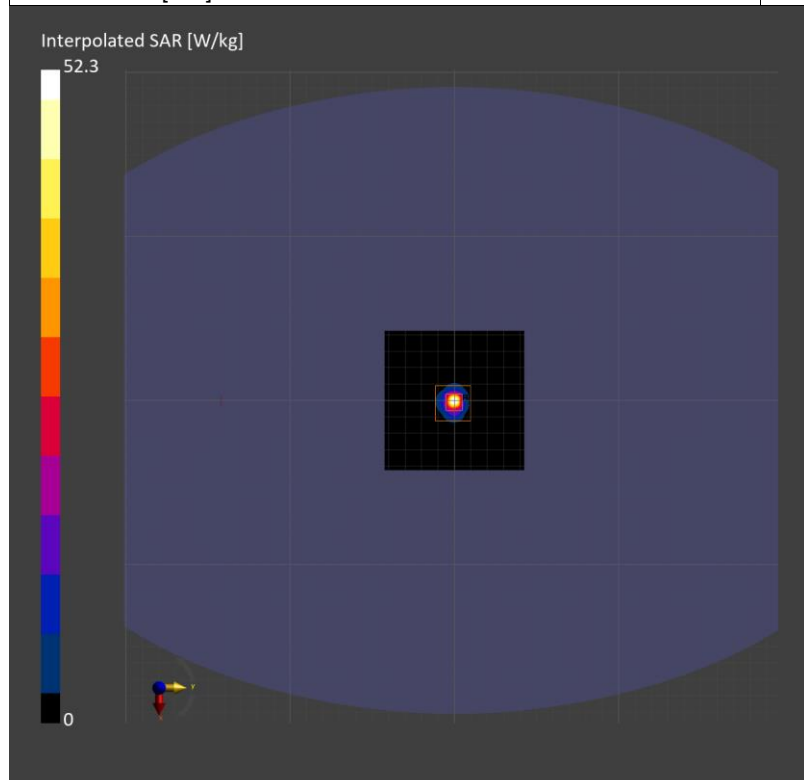
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-06-03	2026-06-03
psSAR1g [W/kg]	26.5	31.2
psSAR8g [W/kg]	6.15	7.01
psSAR10g [W/kg]	5.10	5.78
psPDab (4.0cm2, sq) [W/m2]		140
Power Drift [dB]	-0.01	0.01
M2/M1 [%]		55.1
Dist 3dB Peak [mm]		5.5



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Report No. :TESA2604000272EN

Measurement Report

Dipole_7000-SN:1007

Ambient temperature: 23.1°C; Liquid temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 5.00	6.08	6.611	34.104

Hardware Setup

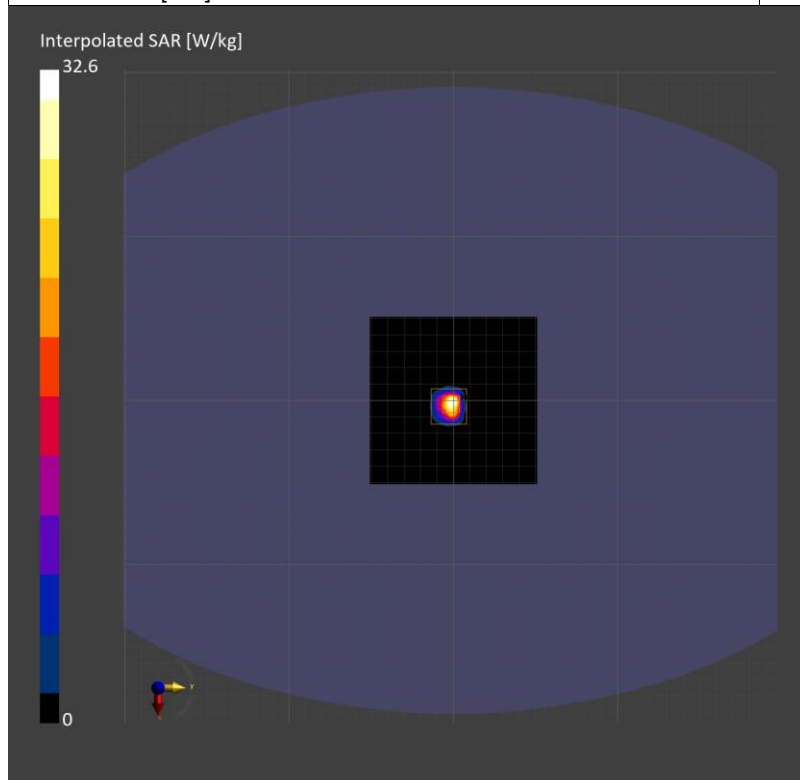
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

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	2026-05-31	2026-05-31
psSAR1g [W/kg]	22.3	28.7
psSAR8g [W/kg]	5.95	6.24
psSAR10g [W/kg]	4.94	5.10
psPDab (4.0cm2, sq) [W/m2]		125
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		56.1
Dist 3dB Peak [mm]		5.6



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Report No. :TESA2604000272EN

Measurement Report

Dipole_7000-SN:1007

Ambient temperature: 23.5°C; Liquid temperature: 22.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 5.00	6.08	6.716	34.721

Hardware Setup

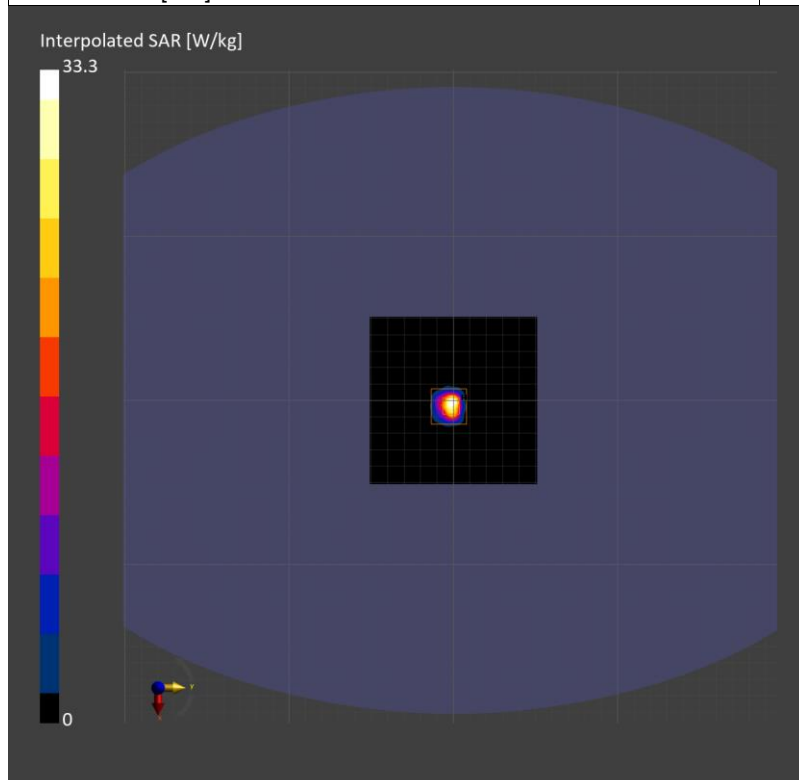
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7686, 2025-09-29	DAE4 Sn1260, 2025-09-28

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	2026-06-03	2026-06-03
psSAR1g [W/kg]	23.0	27.2
psSAR8g [W/kg]	6.10	5.91
psSAR10g [W/kg]	5.05	4.83
psPDab (4.0cm2, sq) [W/m2]		118
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		52.4
Dist 3dB Peak [mm]		4.8



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15 PD SYSTEM CHECK RESULTS

Report No. :TESA2604000272EN

Measurement Report

5G Verification Source 10GHz-SN:1021

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	FRONT, 10.00	1.0

Hardware Setup

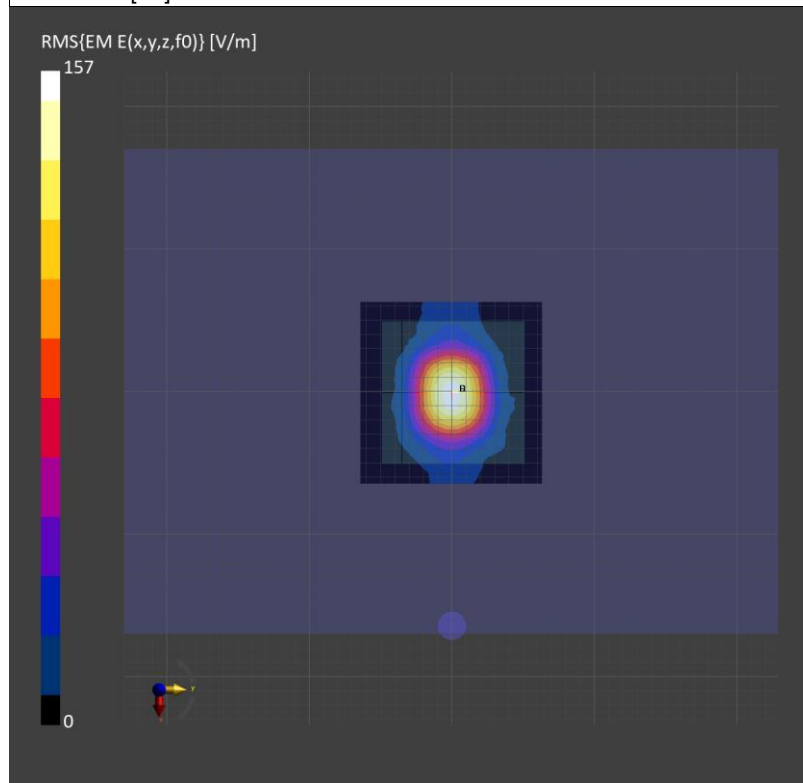
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1096	Air	EUmmWV3 - SN9399_F1-55GHz, 2026-01-19	DAE4 Sn1260, 2025-09-28

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Date	2026-06-03
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	52.0
psPDtot+ [W/m2]	52.1
psPDmod+ [W/m2]	52.5
E _{max} [V/m]	150
Power Drift [dB]	0.01



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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

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Refer to separated files for the following appendixes.

16.1 SAR_Appendix A Photographs

16.2 SAR_Appendix B DAE & Probe Cal. Certificate

16.3 SAR_Appendix C Phantom Description & Dipole Cal. Certificate

16.4 SAR_Appendix D Dipole Extended Calibration Verification

- End of report -

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