

RF Exposure report



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

EUT Description	VR Headset
Brand Name	VALVE
Model No.	1015
Applicant	Valve Corporation 10400 NE 4th Street, Suite 1400, Bellevue, WA 98004, USA
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID	2AES4-1015
Date of EUT Receipt	Apr. 15, 2025
Date of Test(s)	Sep. 05, 2025 ~ Feb. 03, 2026
Date of Issue	May 12, 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
TESA2504000352E5	00	Initial creation of document	Apr. 13, 2026	Cindy Chou	
TESA2504000352E5	01	Modify comment	May 12, 2026	Cindy Chou	*

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 248227D01v02r02

IEC/IEEE 62209-1528:2020

SPEAG DASY6/8 System Handbook

SPEAG DASY6/8 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	VR Headset	
Brand Name	VALVE	
Model No.	1015	
Duty Cycle	WLAN 802.11	Please refer to section 3
	Bluetooth	Please refer to section 3
Supported radios (TX Frequency Range, MHz)	802.11 b/g/n/ac/ax/be	2.4GHz (2400.0 – 2483.5 MHz)
	802.11a/n/ac/ax/be	5.2GHz (5150.0 – 5250.0 MHz) 5.3GHz (5250.0 – 5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz) 5.9GHz (5850.0 – 5895.0 MHz)
	802.11a/ax/be	6.2GHz (5925.0 – 6425.0 MHz) 6.5GHz (6425.0 – 6525.0 MHz) 6.7GHz (6525.0 – 6875.0 MHz) 7.0GHz (6875.0 – 7125.0 MHz)
	Bluetooth	2.4GHz (2400.0 – 2483.5 MHz)

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)
BR/EDR	0.36	N/A	N/A
2.4G WLAN	0.56	N/A	N/A
5G WLAN	0.59	N/A	N/A
6G WLAN	0.86	6.22	9.46

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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	Bond Tsai	Stella Chang		
	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan	SAR 3	-	-	TW0027/ 891563	TW3702/ 4620A
		SAR 7	-	-		

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

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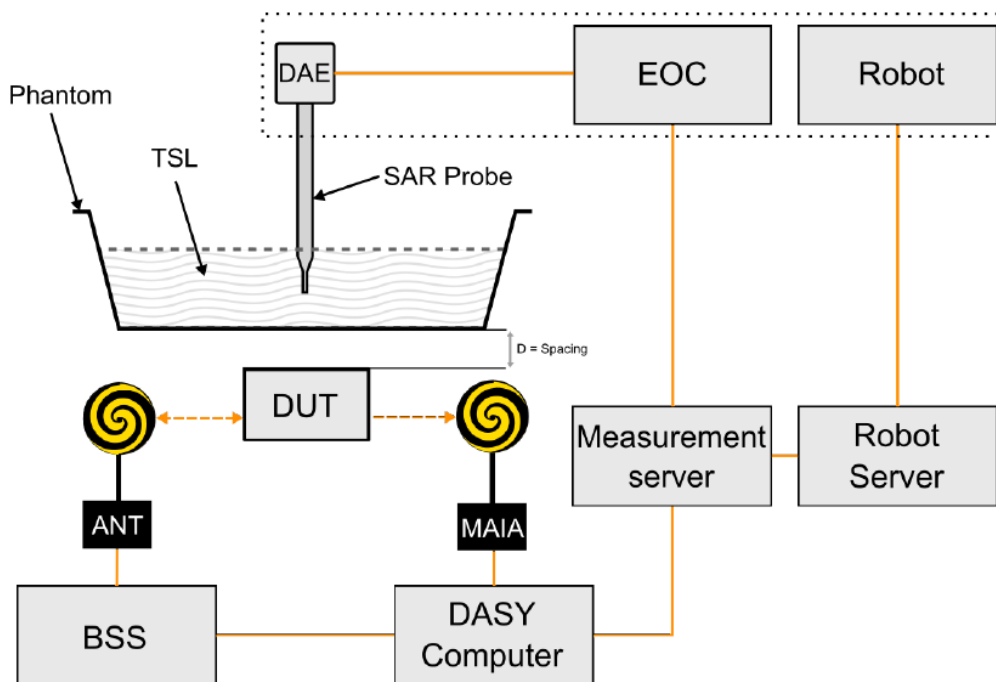
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2.2 SAR System

Block Diagram (DASY8)

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



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

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EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)		
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL 2450/5250/5600/5750/5850/6500/7000 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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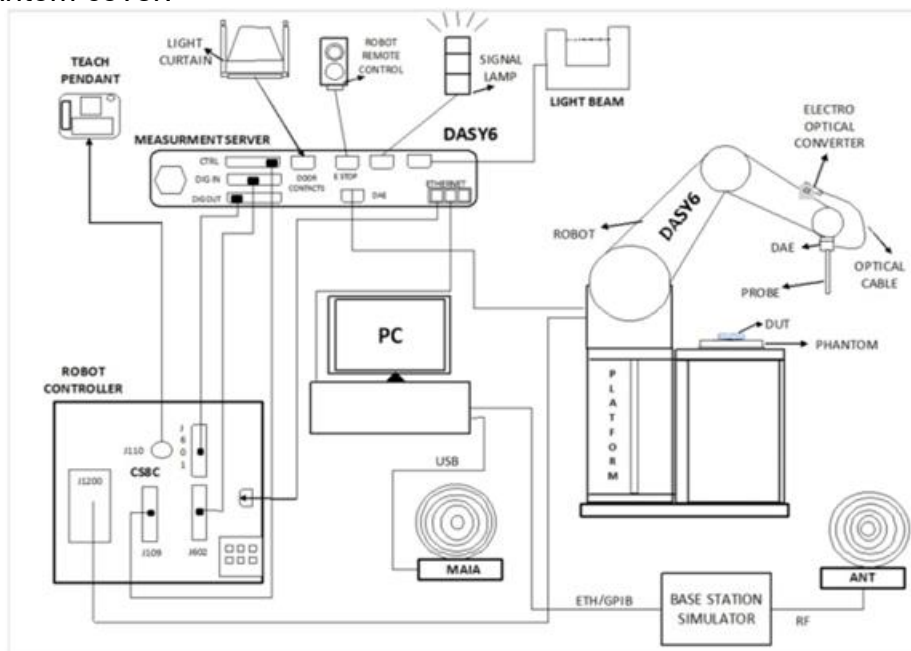
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2.3 PD system

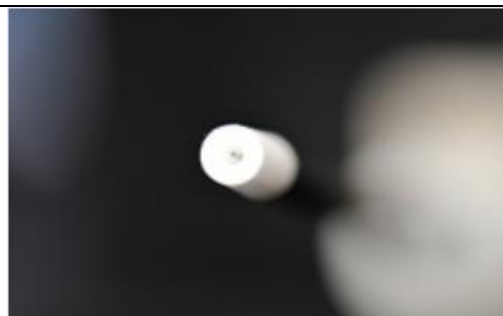
Block Diagram (DASY6)

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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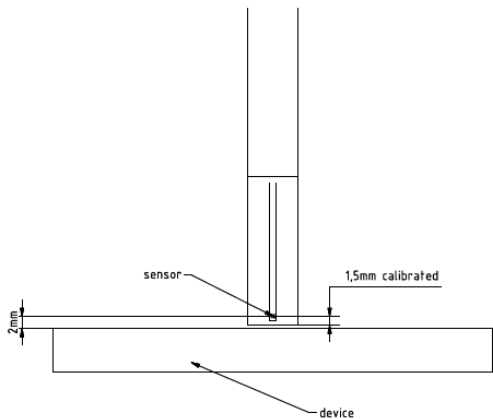
台灣檢驗科技股份有限公司

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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

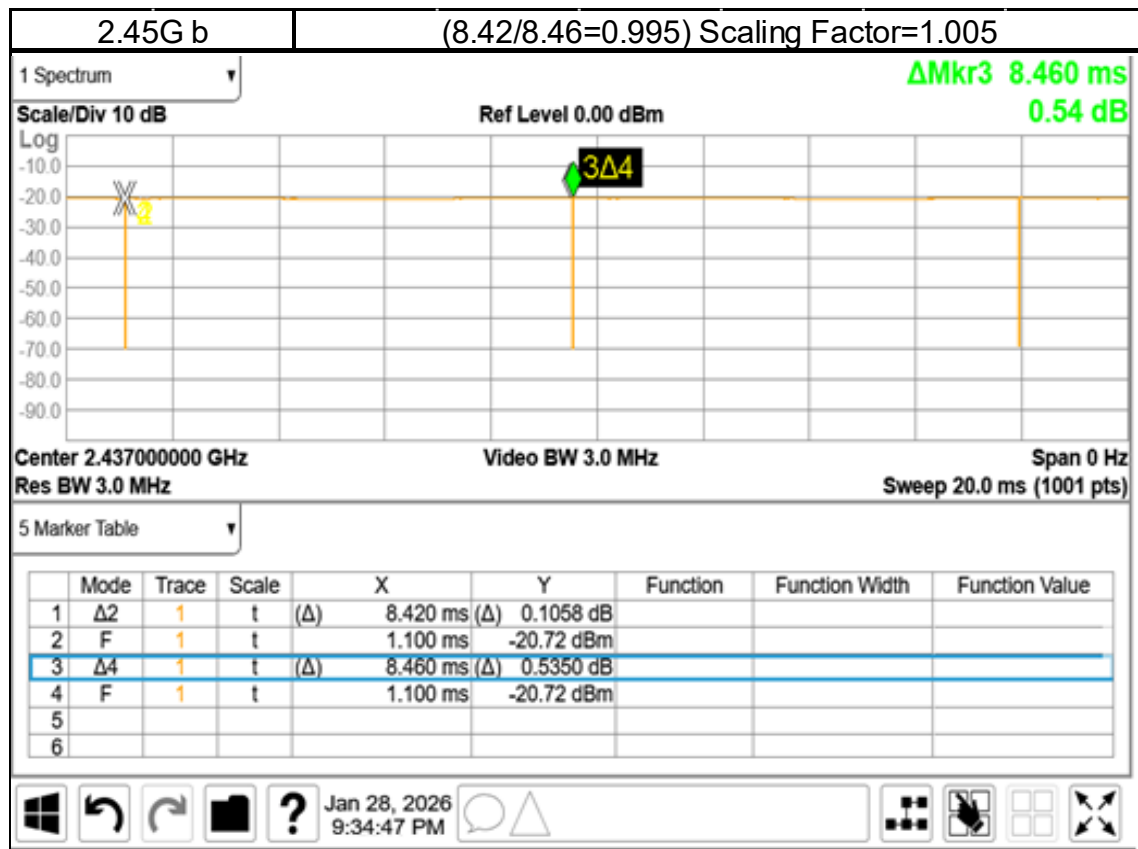
mmWave Phantom

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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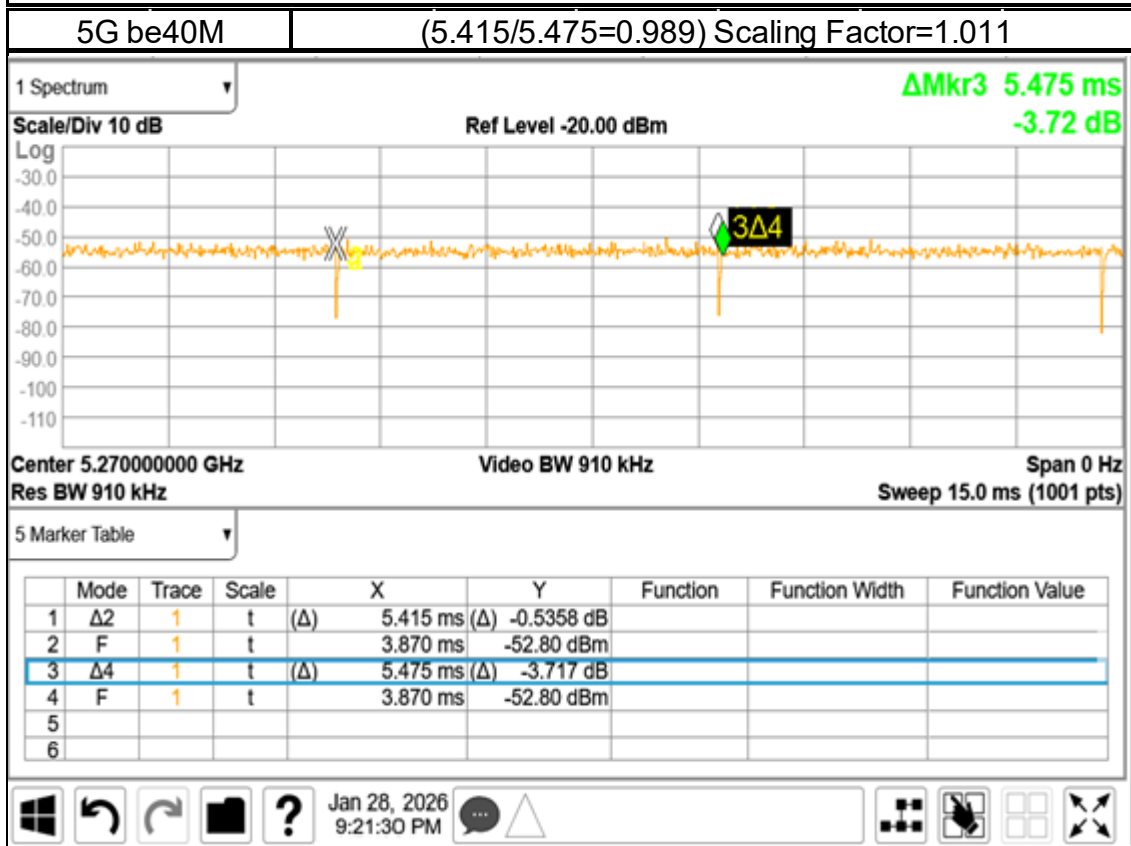
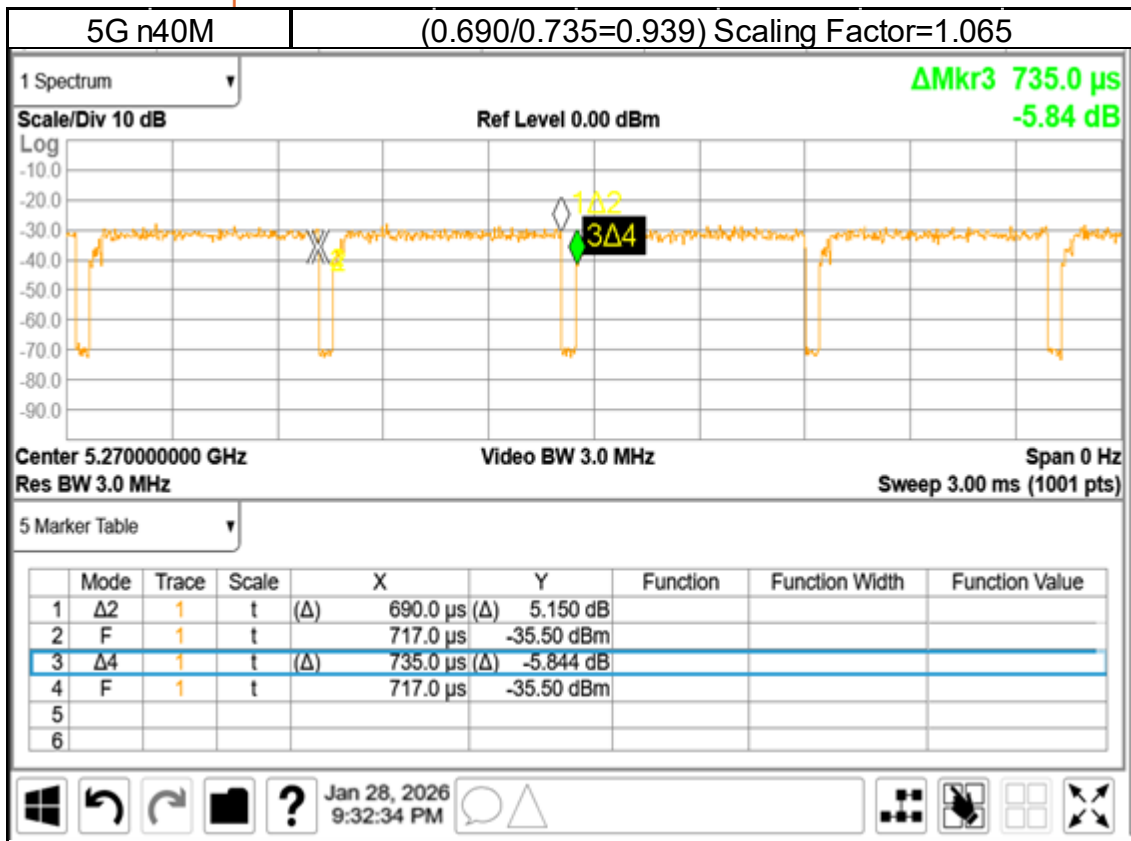
3 DUTY CYCLE



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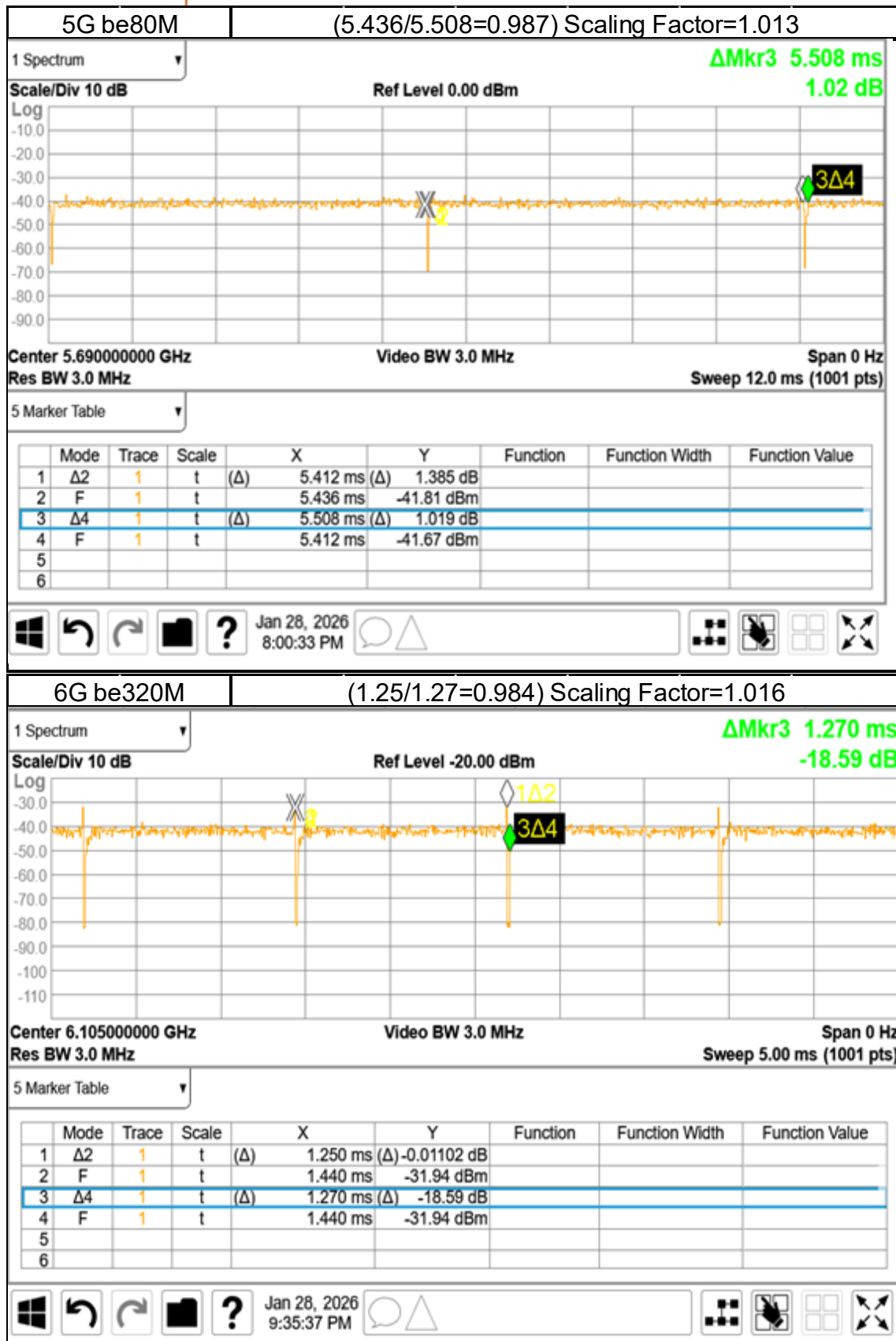
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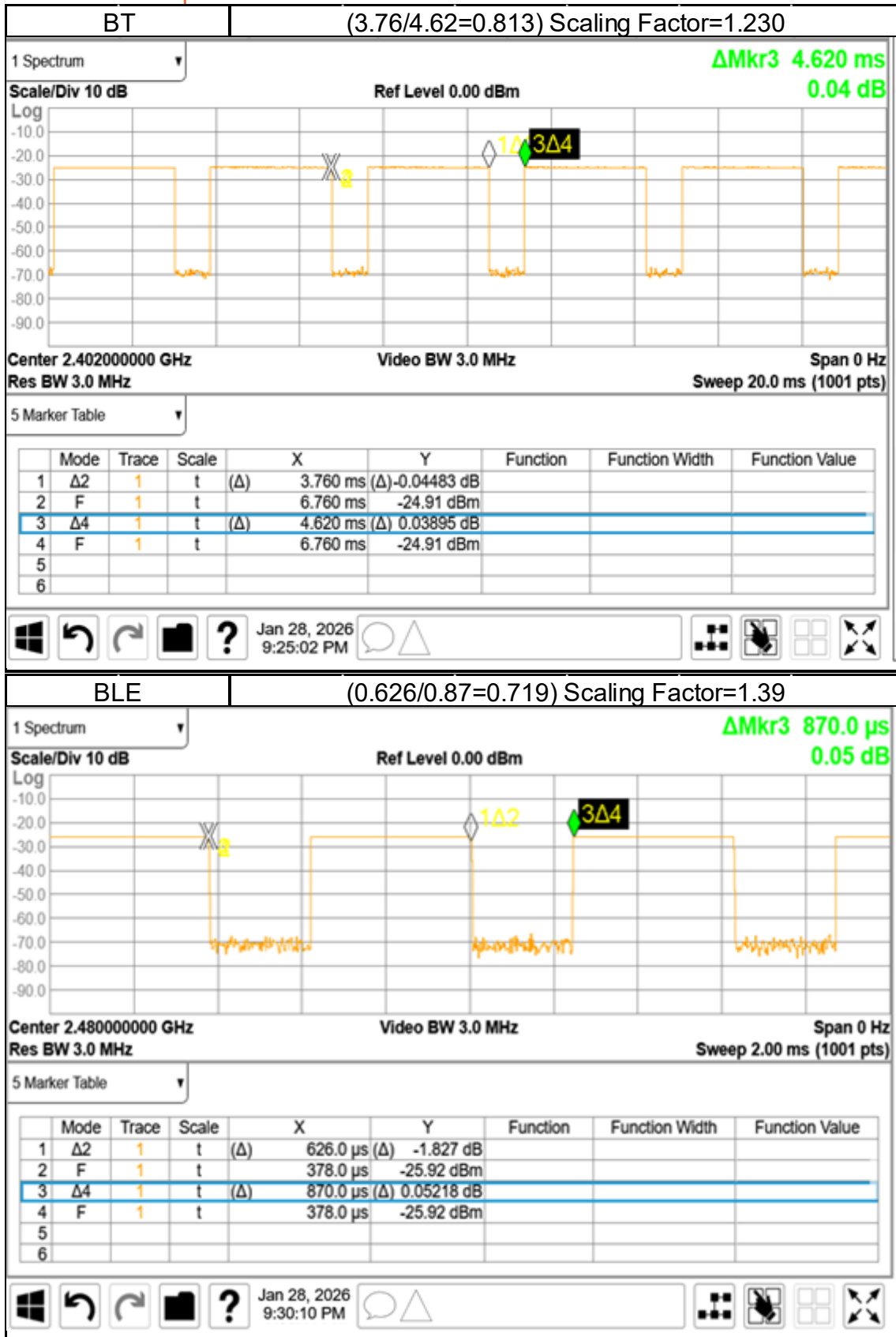
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4 SAR SYSTEM VERIFICATION

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.

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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	39.431	1.805	0.34%	2.65%	$\pm 5\%$	Sep. 05, 2025
2412	39.276	1.767	39.414	1.813	0.35%	2.60%	$\pm 5\%$	
2480	39.160	1.832	39.308	1.874	0.38%	2.29%	$\pm 5\%$	
2437	39.226	1.789	39.369	1.835	0.36%	2.59%	$\pm 5\%$	
2440	39.220	1.791	39.364	1.838	0.37%	2.61%	$\pm 5\%$	
2441	39.218	1.792	39.362	1.839	0.37%	2.61%	$\pm 5\%$	
2450	39.200	1.800	39.346	1.847	0.37%	2.61%	$\pm 5\%$	
2462	39.184	1.813	39.331	1.857	0.38%	2.44%	$\pm 5\%$	Oct. 12, 2025
2402	39.296	1.758	39.163	1.793	-0.34%	1.97%	$\pm 5\%$	
2412	39.276	1.767	39.146	1.802	-0.33%	1.98%	$\pm 5\%$	
2480	39.160	1.832	39.040	1.862	-0.31%	1.64%	$\pm 5\%$	
2437	39.226	1.789	39.101	1.824	-0.32%	1.97%	$\pm 5\%$	
2440	39.220	1.791	39.096	1.826	-0.32%	1.94%	$\pm 5\%$	
2441	39.160	1.832	39.040	1.862	-0.31%	1.64%	$\pm 5\%$	
2450	39.200	1.800	39.078	1.835	-0.31%	1.94%	$\pm 5\%$	Sep. 07, 2025
2462	39.184	1.813	39.063	1.846	-0.31%	1.83%	$\pm 5\%$	
5190	36.010	4.650	36.143	4.692	0.37%	0.91%	$\pm 5\%$	
5230	35.970	4.690	36.097	4.733	0.35%	0.92%	$\pm 5\%$	
5250	35.950	4.710	36.075	4.754	0.35%	0.93%	$\pm 5\%$	
5270	35.930	4.730	36.052	4.774	0.34%	0.93%	$\pm 5\%$	
5310	35.890	4.770	36.006	4.816	0.32%	0.96%	$\pm 5\%$	
5510	35.635	4.976	35.777	5.024	0.40%	0.97%	$\pm 5\%$	
5530	35.605	4.997	35.755	5.044	0.42%	0.95%	$\pm 5\%$	
5600	35.500	5.070	35.675	5.116	0.49%	0.91%	$\pm 5\%$	
5610	35.490	5.080	35.663	5.127	0.49%	0.93%	$\pm 5\%$	
5670	35.430	5.140	35.595	5.188	0.47%	0.93%	$\pm 5\%$	
5690	35.410	5.160	35.572	5.209	0.46%	0.95%	$\pm 5\%$	
5710	35.390	5.180	35.549	5.230	0.45%	0.97%	$\pm 5\%$	
5750	35.350	5.220	35.503	5.271	0.43%	0.98%	$\pm 5\%$	
5775	35.325	5.245	35.475	5.297	0.42%	0.99%	$\pm 5\%$	
5795	35.305	5.265	35.452	5.318	0.42%	1.01%	$\pm 5\%$	
5835	35.265	5.307	35.406	5.359	0.40%	0.98%	$\pm 5\%$	
5850	35.250	5.323	35.389	5.375	0.39%	0.99%	$\pm 5\%$	
5875	35.235	5.335	35.360	5.401	0.35%	1.24%	$\pm 5\%$	

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5190	35.990	4.670	35.852	4.678	-0.38%	0.91%	± 5%	Sep. 08, 2025
5230	35.950	4.710	35.807	4.719	-0.40%	0.92%	± 5%	
5250	35.950	4.710	35.807	4.719	-0.40%	0.93%	± 5%	
5270	35.930	4.730	35.784	4.740	-0.41%	0.93%	± 5%	
5310	35.410	5.160	35.303	5.155	-0.32%	0.96%	± 5%	
5510	35.390	5.180	35.281	5.192	-0.31%	0.97%	± 5%	
5530	35.350	5.220	35.235	5.234	-0.33%	0.95%	± 5%	
5600	35.500	5.070	35.407	5.080	-0.26%	0.91%	± 5%	
5610	35.950	4.710	35.807	4.719	-0.40%	0.93%	± 5%	
5670	35.930	4.730	35.784	4.740	-0.41%	0.93%	± 5%	
5690	35.410	5.160	35.303	5.155	-0.32%	0.95%	± 5%	
5710	35.390	5.180	35.281	5.192	-0.31%	0.97%	± 5%	
5750	35.350	5.220	35.235	5.234	-0.33%	0.98%	± 5%	
5755	35.345	5.225	35.228	5.239	-0.33%	0.98%	± 5%	
5795	35.345	5.225	35.228	5.239	-0.33%	1.01%	± 5%	
5835	35.265	5.307	35.138	5.321	-0.36%	0.98%	± 5%	
5850	35.250	5.323	35.121	5.337	-0.37%	0.99%	± 5%	
5875	35.165	5.343	35.138	5.321	-0.36%	1.24%	± 5%	
6105	34.974	5.604	35.091	5.641	0.33%	0.66%	± 5%	Sep. 06, 2025
6425	34.590	5.982	34.707	5.979	0.34%	-0.04%	± 5%	
6500	34.500	6.070	34.617	6.058	0.34%	-0.20%	± 5%	
6745	34.206	6.354	34.323	6.321	0.34%	-0.52%	± 5%	
6905	34.014	6.540	34.131	6.493	0.34%	-0.72%	± 5%	
7000	33.900	6.650	34.017	6.596	0.35%	-0.81%	± 5%	
6105	34.974	5.604	34.823	5.601	-0.43%	-0.05%	± 5%	Oct. 13, 2025
6425	34.590	5.982	34.439	5.937	-0.44%	-0.74%	± 5%	
6500	34.500	6.070	34.349	6.016	-0.44%	-0.89%	± 5%	
6745	34.206	6.354	34.055	6.277	-0.44%	-1.21%	± 5%	
6905	34.014	6.540	33.863	6.448	-0.44%	-1.40%	± 5%	
7000	33.900	6.650	33.749	6.550	-0.45%	-1.50%	± 5%	
5600	35.500	5.070	35.761	5.128	0.74%	1.14%	± 5%	Dec. 01, 2025
5690	35.410	5.160	35.658	5.221	0.70%	1.18%	± 5%	
5710	35.390	5.180	35.635	5.242	0.69%	1.20%	± 5%	
5750	35.350	5.220	35.589	5.283	0.68%	1.21%	± 5%	
5755	35.345	5.225	35.584	5.288	0.68%	1.21%	± 5%	
5835	35.305	5.265	35.538	5.330	0.66%	1.23%	± 5%	
5850	35.300	5.270	35.532	5.335	0.66%	1.23%	± 5%	

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2402	39.296	1.758	40.085	1.833	2.01%	4.24%	± 5%	Feb. 01, 2026
2412	39.276	1.767	40.068	1.842	2.02%	4.24%	± 5%	
2437	39.226	1.789	40.023	1.864	2.03%	4.21%	± 5%	
2440	39.220	1.791	40.018	1.866	2.03%	4.17%	± 5%	
2441	39.218	1.792	40.016	1.867	2.03%	4.17%	± 5%	
2450	39.200	1.800	40.000	1.875	2.04%	4.17%	± 5%	
2462	39.184	1.813	39.985	1.886	2.04%	4.04%	± 5%	
2480	39.160	1.832	39.962	1.903	2.05%	3.88%	± 5%	
5190	36.010	4.650	36.797	4.774	2.19%	2.68%	± 5%	Feb. 02, 2026
5230	35.970	4.690	36.751	4.816	2.17%	2.69%	± 5%	
5250	35.950	4.710	36.729	4.837	2.17%	2.70%	± 5%	
5270	35.930	4.730	36.706	4.858	2.16%	2.71%	± 5%	
5310	35.890	4.770	36.660	4.900	2.15%	2.73%	± 5%	
5510	35.635	4.976	36.431	5.112	2.23%	2.74%	± 5%	
5530	35.605	4.997	36.409	5.133	2.26%	2.73%	± 5%	
5600	35.500	5.070	36.329	5.206	2.34%	2.68%	± 5%	
5610	35.490	5.080	36.317	5.216	2.33%	2.68%	± 5%	
5670	35.430	5.140	36.249	5.279	2.31%	2.70%	± 5%	
5690	35.410	5.160	36.226	5.300	2.30%	2.71%	± 5%	
5710	35.390	5.180	36.203	5.321	2.30%	2.72%	± 5%	
5750	35.350	5.220	36.157	5.363	2.28%	2.74%	± 5%	
5775	35.325	5.245	36.129	5.389	2.28%	2.75%	± 5%	
5795	35.305	5.265	36.106	5.410	2.27%	2.75%	± 5%	
5835	35.265	5.307	36.060	5.452	2.25%	2.74%	± 5%	
5850	35.250	5.323	36.043	5.468	2.25%	2.73%	± 5%	
5875	35.165	5.343	36.014	5.494	2.41%	2.83%	± 5%	
6105	34.974	5.604	35.745	5.738	2.20%	2.39%	± 5%	Feb. 03, 2026
6425	34.590	5.982	35.361	6.081	2.23%	1.66%	± 5%	
6500	34.500	6.070	35.271	6.162	2.23%	1.52%	± 5%	
6745	34.206	6.354	34.977	6.428	2.25%	1.16%	± 5%	
6905	34.014	6.540	34.785	6.603	2.27%	0.97%	± 5%	
7000	33.900	6.650	34.671	6.708	2.27%	0.87%	± 5%	

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4.4 The composition of the tissue simulating liquid:

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

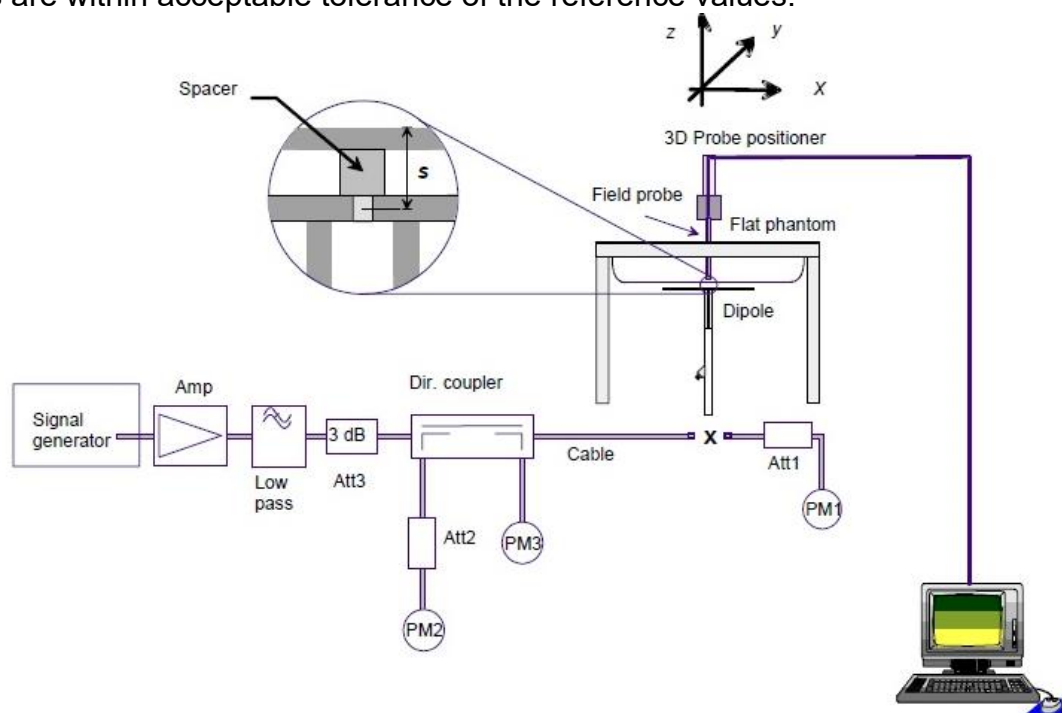
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

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	14.1	56.4	7.22	± 10%	Sep.05,2025
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	7.78	77.8	-3.83	± 10%	Sep.07,2025
D5GHzV2	1349	5600	82.4	7.87	78.7	-4.49	± 10%	Sep.07,2025
D5GHzV2	1349	5750	80.8	7.72	77.2	-4.46	± 10%	Sep.07,2025
D5GHzV2	1349	5850	79.9	7.33	73.3	-8.26	± 10%	Sep.07,2025
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	12.2	48.8	-7.22	± 10%	Oct.12,2025
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	7.59	75.9	-6.18	± 10%	Oct.08,2025
D5GHzV2	1349	5600	82.4	7.99	79.9	-3.03	± 10%	Oct.08,2025
D5GHzV2	1349	5750	80.8	7.83	78.3	-3.09	± 10%	Oct.08,2025
D5GHzV2	1349	5850	79.9	7.35	73.5	-8.01	± 10%	Oct.08,2025
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	5600	82.4	8.11	81.1	-1.58	± 10%	Dec.01,2025
D5GHzV2	1349	5750	80.8	8.22	82.2	1.73	± 10%	Dec.01,2025
D5GHzV2	1349	5850	79.9	7.79	77.9	-2.50	± 10%	Dec.01,2025
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	12.6	50.4	-4.18	± 10%	Feb.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	8.17	81.7	0.99	± 10%	Feb.02,2026
D5GHzV2	1349	5600	82.4	9.04	90.4	9.71	± 10%	Feb.02,2026
D5GHzV2	1349	5750	80.8	8.47	84.7	4.83	± 10%	Feb.02,2026
D5GHzV2	1349	5850	79.9	8.09	80.9	1.25	± 10%	Feb.02,2026

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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	30.6	306	3.73	± 10%	Sep.06,2025
D7GHzV2	1007	7000	287	30.9	309	7.67	± 10%	Sep.06,2025
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	31	310	5.08	± 10%	Oct.13,2025
D7GHzV2	1007	7000	287	30.6	306	6.62	± 10%	Oct.13,2025
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D6.5GHzV2	1006	6500	295	29.6	296	0.34	± 10%	Mar.03,2026
D7GHzV2	1007	7000	287	29.3	293	2.09	± 10%	Mar.03,2026

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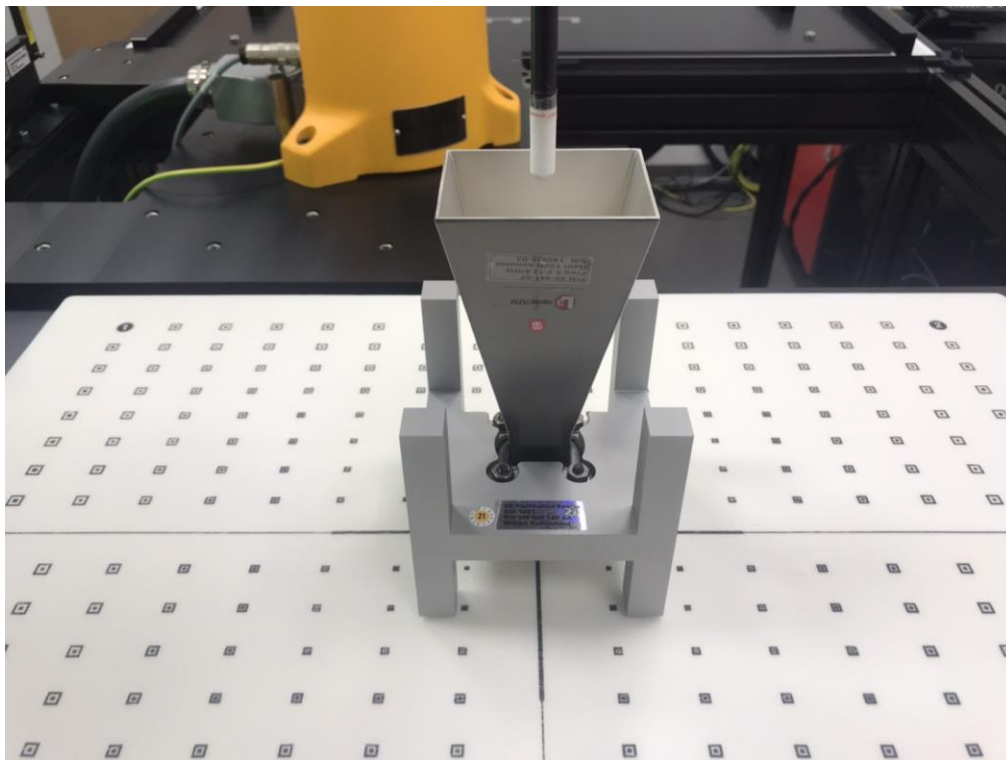
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5 PD SYSTEM VERIFICATION

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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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	1356	10	93.3	53.3	55.5	-0.18	Sep.05,2025
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	1356	10	93.3	54.1	55.5	-0.11	Oct.13,2025
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	9616	1260	10	93.3	53.4	54.5	-0.09	Feb.03,2026

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6 TEST CONFIGURATIONS

6.1 Test Environment

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

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

6.2 Test Note

- **General:** Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s).
- **General:** The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
- **General:** During the SAR testing, the DASY system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
- **General:** According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is $\leq 0.8\text{ W/kg}$, when the transmission band is $\leq 100\text{ MHz}$.
- **General:** According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is $\geq 0.8\text{ W/kg}$, repeated that measurement once. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is $\geq 1.45\text{ W/kg}$ ($\sim 10\%$ from the 1-g SAR limit).
- **WLAN 2.4GHz:** 802.11b DSSS SAR Test Requirements: SAR is measured for 2.4 GHz 802.11b DSSS mode using the highest measured maximum output power channel, when the reported SAR of the highest measured maximum output power channel for the exposure configuration is $\leq 0.8\text{ W/kg}$, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is $> 0.8\text{ W/kg}$, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is $> 1.2\text{ W/kg}$, SAR is required for the third channel; i.e., all channels require testing.
- **WLAN 2.4GHz:** 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is $\leq 1.2\text{ W/kg}$.
- **WLAN 5GHz:** Initial Test Configuration: An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. When the reported SAR of the initial test configuration is $> 0.8\text{ W/kg}$, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is $\leq 1.2\text{ W/kg}$ or all required channels are tested. Since the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration

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

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

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

- **WLAN 6GHz:** Per equipment manufacturer guidance, power density was measured at $d=2\text{mm}$ with the grid step (0.0625λ) for determining compliance at $d=2\text{mm}$.

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

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

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6.3 Test position

According to FCC guidance, SAR was tested with the inner surface touch against the face down phantom to comply with 1gSAR 1.6W/Kg limit, and PD was tested for the top edge with 2mm distance to comply with PD limit.

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6.4 Test limit

[§ 2.1093\(d\)\(1\)](#)

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

Radiofrequency radiation exposure limits.

[§ 1.1310\(a\)](#)

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

[§ 1.1310\(b\)](#)

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

[§ 1.1310\(c\)](#)

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

Note to paragraphs (a) through (c):

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

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

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

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

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

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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

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	20.50	20.22
		6	2437		21.50	21.29
		11	2462		20.50	20.46
	802.11g	1	2412	6Mbps	12.00	11.99
		6	2437		21.00	20.74
		11	2462		11.50	11.49
	802.11n20-HT0	1	2412	MCS0	12.00	11.92
		6	2437		20.50	20.44
		11	2462		11.00	10.91
	802.11ac20-VHT0	1	2412	MCS0	12.00	11.91
		6	2437		20.50	20.45
		11	2462		11.00	10.96
	802.11ax20-HE0	1	2412	MCS0	13.00	12.85
		6	2437		20.50	20.45
		11	2462		15.00	14.91
	802.11be20-EHT0	1	2412	MCS0	12.50	12.48
		6	2437		20.50	20.42
		11	2462		15.00	14.96
	802.11n40-HT0	3	2422	MCS0	10.00	9.79
		6	2437		13.00	12.82
		9	2452		8.00	7.93
	802.11ac40-VHT0	3	2422	MCS0	10.00	9.61
		6	2437		12.50	12.41
		9	2452		8.00	7.95
	802.11ax40-HE0	3	2422	MCS0	8.50	8.45
		6	2437		14.00	13.91
		9	2452		9.50	9.45
	802.11be40-EHT0	3	2422	MCS0	8.50	8.41
		6	2437		14.00	13.95
		9	2452		9.50	9.40

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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	9.50	9.45
		44	5220		10.00	9.71
		48	5240		10.00	9.46
	802.11n20-HT0	36	5180	MCS0	10.50	10.15
		44	5220		10.00	9.67
		48	5240		10.50	10.22
	802.11ac20-VHT0	36	5180	MCS0	10.50	10.05
		44	5220		10.00	9.61
		48	5240		10.50	10.02
	802.11ax20-HE0	36	5180	MCS0	10.50	10.33
		44	5220		10.50	10.38
		48	5240		10.50	10.12
	802.11be20-EHT0	36	5180	MCS0	10.50	10.36
		44	5220		11.00	10.43
		48	5240		10.50	10.29
	802.11n40-HT0	38	5190	MCS0	13.00	12.83
		46	5230		14.00	13.50
	802.11ac40-VHT0	38	5190	MCS0	13.00	12.71
		46	5230		14.00	13.50
	802.11ax40-HE0	38	5190	MCS0	13.50	13.21
		46	5230		13.50	13.32
	802.11be40-EHT0	38	5190	MCS0	13.50	13.24
		46	5230		13.50	13.36
	802.11ac80-VHT0	42	5210	MCS0	12.00	11.74
	802.11ax80-HE0	42	5210	MCS0	11.50	11.40
	802.11be80-EHT0	42	5210	MCS0	11.50	11.45
	802.11ac160-VHT0	50	5250	MCS0	12.50	12.25
	802.11ax160-HE0	50	5250	MCS0	9.00	8.20
	802.11be160-EHT0	50	5250	MCS0	9.00	8.22

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	16.50	16.47
		60	5300		17.50	16.91
		64	5320		17.50	17.26
	802.11n20-HT0	52	5260	MCS0	17.00	16.77
		60	5300		17.50	17.39
		64	5320		15.50	15.44
	802.11ac20-VHT0	52	5260	MCS0	17.00	16.68
		60	5300		17.50	17.36
		64	5320		15.50	15.37
	802.11ax20-HE0	52	5260	MCS0	17.50	16.92
		60	5300		17.50	17.18
		64	5320		16.00	15.62
	802.11be20-EHT0	52	5260	MCS0	17.00	16.80
		60	5300		17.50	17.13
		64	5320		16.00	15.56
	802.11n40-HT0	54	5270	MCS0	19.50	19.01
		62	5310		12.00	11.89
	802.11ac40-VHT0	54	5270	MCS0	19.50	18.96
		62	5310		12.00	11.22
	802.11ax40-HE0	54	5270	MCS0	19.00	18.62
		62	5310		9.00	8.43
	802.11be40-EHT0	54	5270	MCS0	19.00	18.69
		62	5310		9.00	8.47
	802.11ac80-VHT0	58	5290	MCS0	10.50	8.75
	802.11ax80-HE0	58	5290	MCS0	9.00	8.72
	802.11be80-EHT0	58	5290	MCS0	9.00	8.77

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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	17.50	17.09
		140	5700		18.00	17.69
		144	5720		17.50	17.37
	802.11n20-HT0	100	5500	MCS0	17.50	17.39
		140	5700		16.00	15.71
		144	5720		17.50	17.45
	802.11ac20-VHT0	100	5500	MCS0	17.50	17.30
		140	5700		16.00	15.55
		144	5720		17.50	17.40
	802.11ax20-HE0	100	5500	MCS0	17.50	17.28
		140	5700		13.00	12.70
		144	5720		18.00	17.77
	802.11be20-EHT0	100	5500	MCS0	17.50	17.37
		140	5700		13.00	12.83
		144	5720		18.00	17.82
	802.11n40-HT0	102	5510	MCS0	14.00	13.86
		134	5670		16.00	15.90
		142	5710		18.00	17.95
	802.11ac40-VHT0	102	5510	MCS0	14.00	13.79
		134	5670		16.00	15.96
		142	5710		18.00	17.86
	802.11ax40-HE0	102	5510	MCS0	12.00	11.22
		134	5670		15.00	14.53
		142	5710		18.00	17.88
	802.11be40-EHT0	102	5510	MCS0	12.00	11.25
		134	5670		15.00	14.64
		142	5710		18.50	18.05
	802.11ac80-VHT0	106	5530	MCS0	13.50	13.28
		122	5610		16.00	15.85
		138	5690		18.00	17.89
	802.11ax80-HE0	106	5530	MCS0	11.50	11.43
		122	5610		16.50	16.26
		138	5690		18.00	17.60
	802.11be80-EHT0	106	5530	MCS0	12.00	11.59
		122	5610		16.50	16.28
		138	5690		18.00	17.76
	802.11ac160-VHT0	114	5570	MCS0	12.00	11.89
	802.11ax160-HE0	114	5570	MCS0	12.00	11.84
	802.11be160-EHT0	114	5570	MCS0	12.00	11.86

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5.8GHz	802.11a	149	5745	6Mbps	17.50	17.25
		157	5785		17.00	16.97
		165	5825		17.50	17.37
	802.11n20-HT0	149	5745	MCS0	17.50	17.21
		157	5785		17.00	16.86
		165	5825		17.50	17.32
	802.11ac20-VHT0	149	5745	MCS0	17.50	17.22
		157	5785		17.00	16.88
		165	5825		17.50	17.23
	802.11ax20-HE0	149	5745	MCS0	18.00	17.52
		157	5785		17.50	17.23
		165	5825		18.00	17.62
	802.11be20-EHT0	149	5745	MCS0	18.00	17.60
		157	5785		17.50	17.27
		165	5825		18.00	17.73
	802.11n40-HT0	151	5755	MCS0	18.00	17.89
		159	5795		18.00	17.82
	802.11ac40-VHT0	151	5755	MCS0	18.00	17.75
		159	5795		18.00	17.71
	802.11ax40-HE0	151	5755	MCS0	17.00	16.53
		159	5795		18.00	17.91
	802.11be40-EHT0	151	5755	MCS0	17.00	16.58
		159	5795		18.00	17.83
	802.11ac80-VHT0	155	5775	MCS0	17.50	17.42
	802.11ax80-HE0	155	5775	MCS0	14.00	13.72
	802.11be80-EHT0	155	5775	MCS0	14.00	13.83

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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	17.50	17.30
		173	5865		17.50	17.48
		177	5885		16.00	15.71
	802.11n20-HT0	169	5845	MCS0	17.50	17.39
		173	5865		17.50	17.50
		177	5885		18.00	17.67
	802.11ac20-VHT0	169	5845	MCS0	17.50	17.31
		173	5865		17.50	17.41
		177	5885		18.00	17.56
	802.11ax20-HE0	169	5845	MCS0	18.00	17.70
		173	5865		18.00	17.80
		177	5885		2.00	1.98
	802.11be20-EHT0	169	5845	MCS0	18.00	17.72
		173	5865		18.00	17.86
		177	5885		2.00	1.83
	802.11n40-HT0	167	5835	MCS0	18.50	18.04
		175	5875		17.00	16.89
	802.11ac40-VHT0	167	5835	MCS0	18.00	17.96
		175	5875		17.00	16.98
	802.11ax40-HE0	167	5835	MCS0	18.00	17.68
		175	5875		16.50	16.36
	802.11be40-EHT0	167	5835	MCS0	18.00	17.75
		175	5875		16.50	16.29
	802.11ac80-VHT0	171	5855	MCS0	16.50	15.87
	802.11ax80-HE0	171	5855	MCS0	14.50	14.06
	802.11be80-EHT0	171	5855	MCS0	14.50	14.08
	802.11ac160-VHT0	163	5815	MCS0	13.50	13.43
	802.11ax160-HE0	163	5815	MCS0	12.50	12.50
	802.11be160-EHT0	163	5815	MCS0	13.00	12.53

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	20.00	19.95
		6	2437		21.00	20.77
		11	2462		20.00	19.97
	802.11g	1	2412	6Mbps	12.00	11.92
		6	2437		20.50	20.40
		11	2462		11.50	11.46
	802.11n20-HT0	1	2412	MCS0	12.00	11.68
		6	2437		20.50	20.29
		11	2462		11.00	10.69
	802.11ac20-VHT0	1	2412	MCS0	11.50	11.46
		6	2437		20.50	20.22
		11	2462		11.00	10.62
	802.11ax20-HE0	1	2412	MCS0	12.50	12.34
		6	2437		19.50	19.40
		11	2462		15.00	14.74
	802.11be20-EHT0	1	2412	MCS0	12.50	12.37
		6	2437		20.00	19.80
		11	2462		15.00	14.76
	802.11n40-HT0	3	2422	MCS0	10.00	9.60
		6	2437		12.50	12.34
		9	2452		8.00	7.90
	802.11ac40-VHT0	3	2422	MCS0	9.50	9.49
		6	2437		12.50	12.24
		9	2452		8.00	7.91
	802.11ax40-HE0	3	2422	MCS0	8.50	8.29
		6	2437		13.00	12.97
		9	2452		9.50	9.45
	802.11be40-EHT0	3	2422	MCS0	8.50	8.33
		6	2437		13.00	12.99
		9	2452		9.50	9.47

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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	9.50	9.40
		44	5220		9.50	9.45
		48	5240		9.00	8.95
	802.11n20-HT0	36	5180	MCS0	10.00	9.83
		44	5220		9.50	9.47
		48	5240		9.50	9.46
	802.11ac20-VHT0	36	5180	MCS0	10.00	9.76
		44	5220		9.50	9.45
		48	5240		9.50	9.25
	802.11ax20-HE0	36	5180	MCS0	10.00	9.80
		44	5220		10.50	10.07
		48	5240		10.00	9.67
	802.11be20-EHT0	36	5180	MCS0	10.00	9.92
		44	5220		10.50	10.21
		48	5240		10.00	9.71
	802.11n40-HT0	38	5190	MCS0	12.50	12.47
		46	5230		13.00	12.88
	802.11ac40-VHT0	38	5190	MCS0	12.50	12.38
		46	5230		13.00	12.68
	802.11ax40-HE0	38	5190	MCS0	13.00	12.79
		46	5230		13.00	12.66
	802.11be40-EHT0	38	5190	MCS0	13.00	12.90
		46	5230		13.00	12.63
	802.11ac80-VHT0	42	5210	MCS0	12.00	11.82
	802.11ax80-HE0	42	5210	MCS0	11.50	11.26
	802.11be80-EHT0	42	5210	MCS0	11.50	11.25
	802.11ac160-VHT0	50	5250	MCS0	12.50	12.40
	802.11ax160-HE0	50	5250	MCS0	9.00	8.92
	802.11be160-EHT0	50	5250	MCS0	9.00	8.95

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.50	15.43
		60	5300		17.00	16.92
		64	5320		17.00	16.49
	802.11n20-HT0	52	5260	MCS0	16.50	16.02
		60	5300		17.50	17.22
		64	5320		15.50	15.23
	802.11ac20-VHT0	52	5260	MCS0	16.50	16.00
		60	5300		17.50	17.25
		64	5320		15.50	15.21
	802.11ax20-HE0	52	5260	MCS0	16.50	16.20
		60	5300		17.00	16.90
		64	5320		15.00	14.90
	802.11be20-EHT0	52	5260	MCS0	16.50	16.15
		60	5300		17.00	16.85
		64	5320		15.00	14.91
	802.11n40-HT0	54	5270	MCS0	18.50	18.30
		62	5310		11.50	11.49
	802.11ac40-VHT0	54	5270	MCS0	18.50	18.08
		62	5310		11.50	11.36
	802.11ax40-HE0	54	5270	MCS0	18.50	18.45
		62	5310		9.00	8.98
	802.11be40-EHT0	54	5270	MCS0	18.50	18.42
		62	5310		9.00	8.87
	802.11ac80-VHT0	58	5290	MCS0	10.50	8.74
	802.11ax80-HE0	58	5290	MCS0	9.00	8.68
	802.11be80-EHT0	58	5290	MCS0	9.00	8.72

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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	17.00	17.00
		140	5700		17.50	17.17
		144	5720		17.50	17.08
	802.11n20-HT0	100	5500	MCS0	17.00	16.58
		140	5700		15.50	15.45
		144	5720		17.50	17.11
	802.11ac20-VHT0	100	5500	MCS0	17.00	16.56
		140	5700		15.50	15.42
		144	5720		17.00	16.95
	802.11ax20-HE0	100	5500	MCS0	17.50	17.11
		140	5700		13.00	12.52
		144	5720		17.50	17.26
	802.11be20-EHT0	100	5500	MCS0	17.50	17.09
		140	5700		13.00	12.61
		144	5720		17.50	17.27
	802.11n40-HT0	102	5510	MCS0	14.00	13.75
		134	5670		16.00	15.70
		142	5710		18.00	17.57
	802.11ac40-VHT0	102	5510	MCS0	14.00	13.76
		134	5670		15.50	15.36
		142	5710		17.50	17.34
	802.11ax40-HE0	102	5510	MCS0	12.50	12.12
		134	5670		14.50	14.28
		142	5710		17.50	17.32
	802.11be40-EHT0	102	5510	MCS0	12.50	12.16
		134	5670		14.50	14.23
		142	5710		18.00	17.54
	802.11ac80-VHT0	106	5530	MCS0	13.50	13.10
		122	5610		16.00	15.89
		138	5690		17.50	17.31
	802.11ax80-HE0	106	5530	MCS0	11.50	11.00
		122	5610		16.50	16.09
		138	5690		17.50	17.36
	802.11be80-EHT0	106	5530	MCS0	11.50	11.22
		122	5610		16.00	15.81
		138	5690		18.00	17.50
	802.11ac160-VHT0	114	5570	MCS0	12.00	11.78
	802.11ax160-HE0	114	5570	MCS0	12.00	11.88
	802.11be160-EHT0	114	5570	MCS0	12.00	11.91

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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	17.00	16.97
		157	5785		17.00	16.63
		165	5825		17.00	16.71
	802.11n20-HT0	149	5745	MCS0	17.00	16.86
		157	5785		17.00	16.52
		165	5825		16.50	16.39
	802.11ac20-VHT0	149	5745	MCS0	17.00	16.79
		157	5785		16.50	16.45
		165	5825		16.50	16.28
	802.11ax20-HE0	149	5745	MCS0	17.50	17.12
		157	5785		17.00	16.97
		165	5825		17.00	16.83
	802.11be20-EHT0	149	5745	MCS0	17.50	17.10
		157	5785		17.00	16.94
		165	5825		17.00	16.99
	802.11n40-HT0	151	5755	MCS0	17.50	17.35
		159	5795		17.50	17.37
	802.11ac40-VHT0	151	5755	MCS0	17.50	17.41
		159	5795		17.50	17.35
	802.11ax40-HE0	151	5755	MCS0	16.50	16.44
		159	5795		17.50	17.05
	802.11be40-EHT0	151	5755	MCS0	17.00	16.53
		159	5795		17.50	17.18
	802.11ac80-VHT0	155	5775	MCS0	17.00	16.98
	802.11ax80-HE0	155	5775	MCS0	13.50	13.46
	802.11be80-EHT0	155	5775	MCS0	14.00	13.62

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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	16.50	16.30
		173	5865		17.00	16.68
		177	5885		15.00	14.86
	802.11n20-HT0	169	5845	MCS0	17.00	16.62
		173	5865		16.50	16.38
		177	5885		17.00	16.68
	802.11ac20-VHT0	169	5845	MCS0	17.00	16.42
		173	5865		16.50	16.35
		177	5885		17.00	16.61
	802.11ax20-HE0	169	5845	MCS0	17.00	16.84
		173	5865		17.50	16.99
		177	5885		2.00	1.59
	802.11be20-EHT0	169	5845	MCS0	17.00	16.83
		173	5865		17.50	17.06
		177	5885		2.00	1.77
	802.11n40-HT0	167	5835	MCS0	17.50	17.32
		175	5875		16.50	16.39
	802.11ac40-VHT0	167	5835	MCS0	17.50	17.31
		175	5875		16.50	16.41
	802.11ax40-HE0	167	5835	MCS0	17.50	17.49
		175	5875		16.00	15.80
	802.11be40-EHT0	167	5835	MCS0	18.00	17.65
		175	5875		16.00	15.94
	802.11ac80-VHT0	171	5855	MCS0	15.50	15.42
	802.11ax80-HE0	171	5855	MCS0	13.50	13.38
	802.11be80-EHT0	171	5855	MCS0	14.00	13.58
	802.11ac160-VHT0	163	5815	MCS0	13.50	13.23
	802.11ax160-HE0	163	5815	MCS0	12.50	12.29
	802.11be160-EHT0	163	5815	MCS0	12.50	12.30

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	17.50	17.32
		6	2437		18.50	18.26
		11	2462		17.50	17.40
	802.11g	1	2412	6Mbps	9.00	8.76
		6	2437		18.00	17.78
		11	2462		8.50	8.27
	802.11n20-HT0	1	2412	MCS0	9.00	8.81
		6	2437		17.50	17.37
		11	2462		8.00	7.76
	802.11ac20-VHT0	1	2412	MCS0	9.00	8.89
		6	2437		17.50	17.31
		11	2462		8.00	7.79
	802.11ax20-HE0	1	2412	MCS0	10.00	9.79
		6	2437		17.50	17.31
		11	2462		12.00	11.73
	802.11be20-EHT0	1	2412	MCS0	9.50	9.27
		6	2437		17.50	17.39
		11	2462		12.00	11.80
	802.11n40-HT0	3	2422	MCS0	7.00	6.79
		6	2437		10.00	9.81
		9	2452		5.00	4.86
	802.11ac40-VHT0	3	2422	MCS0	7.00	6.81
		6	2437		9.50	9.32
		9	2452		5.00	4.74
	802.11ax40-HE0	3	2422	MCS0	5.50	5.24
		6	2437		11.00	10.74
		9	2452		6.50	6.40
	802.11be40-EHT0	3	2422	MCS0	5.50	5.39
		6	2437		11.00	10.71
		9	2452		6.50	6.28

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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	6.50	6.37
		44	5220		7.00	6.85
		48	5240		7.00	6.70
	802.11n20-HT0	36	5180	MCS0	7.50	7.30
		44	5220		7.00	6.86
		48	5240		7.50	7.30
	802.11ac20-VHT0	36	5180	MCS0	7.50	7.29
		44	5220		7.00	6.80
		48	5240		7.50	7.28
	802.11ax20-HE0	36	5180	MCS0	7.50	7.26
		44	5220		7.50	7.22
		48	5240		7.50	7.26
	802.11be20-EHT0	36	5180	MCS0	7.50	7.32
		44	5220		8.00	7.76
		48	5240		7.50	7.23
	802.11n40-HT0	38	5190	MCS0	10.00	9.90
		46	5230		11.00	10.75
	802.11ac40-VHT0	38	5190	MCS0	10.00	9.77
		46	5230		11.00	10.74
	802.11ax40-HE0	38	5190	MCS0	10.50	10.35
		46	5230		10.50	10.28
	802.11be40-EHT0	38	5190	MCS0	10.50	10.26
		46	5230		10.50	10.32
	802.11ac80-VHT0	42	5210	MCS0	9.00	8.73
	802.11ax80-HE0	42	5210	MCS0	8.50	8.31
	802.11be80-EHT0	42	5210	MCS0	8.50	8.37
	802.11ac160-VHT0	50	5250	MCS0	9.50	9.25
	802.11ax160-HE0	50	5250	MCS0	6.00	5.79
	802.11be160-EHT0	50	5250	MCS0	6.00	5.89

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	13.50	13.32
		60	5300		14.50	14.35
		64	5320		14.50	14.22
	802.11n20-HT0	52	5260	MCS0	14.00	13.73
		60	5300		14.50	14.36
		64	5320		12.50	12.33
	802.11ac20-VHT0	52	5260	MCS0	14.00	13.84
		60	5300		14.50	14.26
		64	5320		12.50	12.30
	802.11ax20-HE0	52	5260	MCS0	14.50	14.29
		60	5300		14.50	14.38
		64	5320		13.00	12.76
	802.11be20-EHT0	52	5260	MCS0	14.00	13.73
		60	5300		14.50	14.34
		64	5320		13.00	12.90
	802.11n40-HT0	54	5270	MCS0	16.50	16.23
		62	5310		9.00	8.88
	802.11ac40-VHT0	54	5270	MCS0	16.50	16.30
		62	5310		9.00	8.80
	802.11ax40-HE0	54	5270	MCS0	16.00	15.90
		62	5310		6.00	5.86
	802.11be40-EHT0	54	5270	MCS0	16.00	15.89
		62	5310		6.00	5.80
	802.11ac80-VHT0	58	5290	MCS0	7.50	7.22
	802.11ax80-HE0	58	5290	MCS0	6.00	5.74
	802.11be80-EHT0	58	5290	MCS0	6.00	5.73

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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	14.50	14.30
		140	5700		15.00	14.83
		144	5720		14.50	14.30
	802.11n20-HT0	100	5500	MCS0	14.50	14.25
		140	5700		13.00	12.75
		144	5720		14.50	14.32
	802.11ac20-VHT0	100	5500	MCS0	14.50	14.22
		140	5700		13.00	12.80
		144	5720		14.50	14.26
	802.11ax20-HE0	100	5500	MCS0	14.50	14.33
		140	5700		10.00	9.87
		144	5720		15.00	14.88
	802.11be20-EHT0	100	5500	MCS0	14.50	14.38
		140	5700		10.00	9.84
		144	5720		15.00	14.82
	802.11n40-HT0	102	5510	MCS0	11.00	10.78
		134	5670		13.00	12.72
		142	5710		15.00	14.78
	802.11ac40-VHT0	102	5510	MCS0	11.00	10.82
		134	5670		13.00	12.86
		142	5710		15.00	14.86
	802.11ax40-HE0	102	5510	MCS0	9.00	8.72
		134	5670		12.00	11.74
		142	5710		15.00	14.86
	802.11be40-EHT0	102	5510	MCS0	9.00	8.88
		134	5670		12.00	11.78
		142	5710		15.50	15.26
	802.11ac80-VHT0	106	5530	MCS0	10.50	10.40
		122	5610		13.00	12.81
		138	5690		15.00	14.83
	802.11ax80-HE0	106	5530	MCS0	8.50	8.22
		122	5610		13.50	13.23
		138	5690		15.00	14.88
	802.11be80-EHT0	106	5530	MCS0	9.00	8.71
		122	5610		13.50	13.31
		138	5690		15.00	14.89
	802.11ac160-VHT0	114	5570	MCS0	9.00	8.70
	802.11ax160-HE0	114	5570	MCS0	9.00	8.83
	802.11be160-EHT0	114	5570	MCS0	9.00	8.80

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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	14.50	14.32
		157	5785		14.00	13.72
		165	5825		14.50	14.36
	802.11n20-HT0	149	5745	MCS0	14.50	14.39
		157	5785		14.00	13.79
		165	5825		14.50	14.21
	802.11ac20-VHT0	149	5745	MCS0	14.50	14.37
		157	5785		14.00	13.84
		165	5825		14.50	14.21
	802.11ax20-HE0	149	5745	MCS0	15.00	14.81
		157	5785		14.50	14.29
		165	5825		15.00	14.81
	802.11be20-EHT0	149	5745	MCS0	15.00	14.89
		157	5785		14.50	14.23
		165	5825		15.00	14.78
	802.11n40-HT0	151	5755	MCS0	15.00	14.81
		159	5795		15.00	14.73
	802.11ac40-VHT0	151	5755	MCS0	15.00	14.77
		159	5795		15.00	14.71
	802.11ax40-HE0	151	5755	MCS0	14.00	13.74
		159	5795		15.00	14.81
	802.11be40-EHT0	151	5755	MCS0	14.00	13.85
		159	5795		15.00	14.73
	802.11ac80-VHT0	155	5775	MCS0	14.50	14.31
	802.11ax80-HE0	155	5775	MCS0	11.00	10.70
	802.11be80-EHT0	155	5775	MCS0	11.00	10.72

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5.9GHz	802.11a	169	5845	6Mbps	14.50	14.27
		173	5865		14.50	14.29
		177	5885		13.00	12.87
	802.11n20-HT0	169	5845	MCS0	14.50	14.29
		173	5865		14.50	14.29
		177	5885		15.00	14.84
	802.11ac20-VHT0	169	5845	MCS0	14.50	14.31
		173	5865		14.50	14.20
		177	5885		15.00	14.89
	802.11ax20-HE0	169	5845	MCS0	15.00	14.90
		173	5865		15.00	14.79
		177	5885		-1.00	-1.25
	802.11be20-EHT0	169	5845	MCS0	15.00	14.87
		173	5865		15.00	14.75
		177	5885		-1.00	-1.23
	802.11n40-HT0	167	5835	MCS0	15.50	15.32
		175	5875		14.00	13.89
	802.11ac40-VHT0	167	5835	MCS0	15.00	14.89
		175	5875		14.00	13.75
	802.11ax40-HE0	167	5835	MCS0	15.00	14.73
		175	5875		13.50	13.21
	802.11be40-EHT0	167	5835	MCS0	15.00	14.82
		175	5875		13.50	13.30
	802.11ac80-VHT0	171	5855	MCS0	13.50	13.22
	802.11ax80-HE0	171	5855	MCS0	11.50	11.23
	802.11be80-EHT0	171	5855	MCS0	11.50	11.24
	802.11ac160-VHT0	163	5815	MCS0	10.50	10.29
	802.11ax160-HE0	163	5815	MCS0	9.50	9.32
	802.11be160-EHT0	163	5815	MCS0	10.00	9.73

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	17.00	16.75
		6	2437		18.00	17.82
		11	2462		17.00	16.90
	802.11g	1	2412	6Mbps	9.00	8.82
		6	2437		17.50	17.33
		11	2462		8.50	8.35
	802.11n20-HT0	1	2412	MCS0	9.00	8.74
		6	2437		17.50	17.27
		11	2462		8.00	7.90
	802.11ac20-VHT0	1	2412	MCS0	8.50	8.34
		6	2437		17.50	17.27
		11	2462		8.00	7.73
	802.11ax20-HE0	1	2412	MCS0	9.50	9.27
		6	2437		16.50	16.39
		11	2462		12.00	11.84
	802.11be20-EHT0	1	2412	MCS0	9.50	9.32
		6	2437		17.00	16.88
		11	2462		12.00	11.77
	802.11n40-HT0	3	2422	MCS0	7.00	6.85
		6	2437		9.50	9.40
		9	2452		5.00	4.89
	802.11ac40-VHT0	3	2422	MCS0	6.50	6.38
		6	2437		9.50	9.26
		9	2452		5.00	4.79
	802.11ax40-HE0	3	2422	MCS0	5.50	5.23
		6	2437		10.00	9.88
		9	2452		6.50	6.40
	802.11be40-EHT0	3	2422	MCS0	5.50	5.20
		6	2437		10.00	9.78
		9	2452		6.50	6.28

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Ant 2						
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	6.50	6.27
		44	5220		6.50	6.32
		48	5240		6.00	5.88
	802.11n20-HT0	36	5180	MCS0	7.00	6.77
		44	5220		6.50	6.21
		48	5240		6.50	6.30
	802.11ac20-VHT0	36	5180	MCS0	7.00	6.80
		44	5220		6.50	6.38
		48	5240		6.50	6.28
	802.11ax20-HE0	36	5180	MCS0	7.00	6.77
		44	5220		7.50	7.26
		48	5240		7.00	6.85
	802.11be20-EHT0	36	5180	MCS0	7.00	6.84
		44	5220		7.50	7.21
		48	5240		7.00	6.89
	802.11n40-HT0	38	5190	MCS0	9.50	9.25
		46	5230		10.00	9.74
	802.11ac40-VHT0	38	5190	MCS0	9.50	9.24
		46	5230		10.00	9.74
	802.11ax40-HE0	38	5190	MCS0	10.00	9.75
		46	5230		10.00	9.74
	802.11be40-EHT0	38	5190	MCS0	10.00	9.79
		46	5230		10.00	9.79
	802.11ac80-VHT0	42	5210	MCS0	9.00	8.80
	802.11ax80-HE0	42	5210	MCS0	8.50	8.26
	802.11be80-EHT0	42	5210	MCS0	8.50	8.30
	802.11ac160-VHT0	50	5250	MCS0	9.50	9.21
	802.11ax160-HE0	50	5250	MCS0	6.00	5.87
	802.11be160-EHT0	50	5250	MCS0	6.00	5.83

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Ant 2						
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	12.50	12.25
		60	5300		14.00	13.72
		64	5320		14.00	13.71
	802.11n20-HT0	52	5260	MCS0	13.50	13.33
		60	5300		14.50	14.39
		64	5320		12.50	12.21
	802.11ac20-VHT0	52	5260	MCS0	13.50	13.26
		60	5300		14.50	14.24
		64	5320		12.50	12.29
	802.11ax20-HE0	52	5260	MCS0	13.50	13.22
		60	5300		14.00	13.79
		64	5320		12.00	11.88
	802.11be20-EHT0	52	5260	MCS0	13.50	13.37
		60	5300		14.00	13.81
		64	5320		12.00	11.80
	802.11n40-HT0	54	5270	MCS0	15.50	15.31
		62	5310		8.50	8.31
	802.11ac40-VHT0	54	5270	MCS0	15.50	15.27
		62	5310		8.50	8.31
	802.11ax40-HE0	54	5270	MCS0	15.50	15.26
		62	5310		6.00	5.82
	802.11be40-EHT0	54	5270	MCS0	15.50	15.32
		62	5310		6.00	5.77
	802.11ac80-VHT0	58	5290	MCS0	7.50	7.35
	802.11ax80-HE0	58	5290	MCS0	6.00	5.87
	802.11be80-EHT0	58	5290	MCS0	6.00	5.83

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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	14.00	13.77
		140	5700		14.50	14.31
		144	5720		14.50	14.29
	802.11n20-HT0	100	5500	MCS0	14.00	13.77
		140	5700		12.50	12.39
		144	5720		14.50	14.33
	802.11ac20-VHT0	100	5500	MCS0	14.00	13.89
		140	5700		12.50	12.36
		144	5720		14.00	13.84
	802.11ax20-HE0	100	5500	MCS0	14.50	14.40
		140	5700		10.00	9.80
		144	5720		14.50	14.23
	802.11be20-EHT0	100	5500	MCS0	14.50	14.20
		140	5700		10.00	9.83
		144	5720		14.50	14.33
	802.11n40-HT0	102	5510	MCS0	11.00	10.88
		134	5670		13.00	12.85
		142	5710		15.00	14.83
	802.11ac40-VHT0	102	5510	MCS0	11.00	10.70
		134	5670		12.50	12.27
		142	5710		14.50	14.35
	802.11ax40-HE0	102	5510	MCS0	9.50	9.31
		134	5670		11.50	11.38
		142	5710		14.50	14.23
	802.11be40-EHT0	102	5510	MCS0	9.50	9.38
		134	5670		11.50	11.27
		142	5710		15.00	14.74
	802.11ac80-VHT0	106	5530	MCS0	10.50	10.30
		122	5610		13.00	12.82
		138	5690		14.50	14.34
	802.11ax80-HE0	106	5530	MCS0	8.50	8.36
		122	5610		13.50	13.24
		138	5690		14.50	14.32
	802.11be80-EHT0	106	5530	MCS0	8.50	8.29
		122	5610		13.00	12.73
		138	5690		15.00	14.90
	802.11ac160-VHT0	114	5570	MCS0	9.00	8.87
	802.11ax160-HE0	114	5570	MCS0	9.00	8.75
	802.11be160-EHT0	114	5570	MCS0	9.00	8.81

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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	14.00	13.71
		157	5785		14.00	13.81
		165	5825		14.00	13.81
	802.11n20-HT0	149	5745	MCS0	14.00	13.79
		157	5785		14.00	13.89
		165	5825		13.50	13.29
	802.11ac20-VHT0	149	5745	MCS0	14.00	13.78
		157	5785		13.50	13.35
		165	5825		13.50	13.36
	802.11ax20-HE0	149	5745	MCS0	14.50	14.23
		157	5785		14.00	13.90
		165	5825		14.00	13.76
	802.11be20-EHT0	149	5745	MCS0	14.50	14.35
		157	5785		14.00	13.84
		165	5825		14.00	13.71
	802.11n40-HT0	151	5755	MCS0	14.50	14.22
		159	5795		14.50	14.25
	802.11ac40-VHT0	151	5755	MCS0	14.50	14.27
		159	5795		14.50	14.34
	802.11ax40-HE0	151	5755	MCS0	13.50	13.26
		159	5795		14.50	14.34
	802.11be40-EHT0	151	5755	MCS0	14.00	13.84
		159	5795		14.50	14.31
	802.11ac80-VHT0	155	5775	MCS0	14.00	13.80
	802.11ax80-HE0	155	5775	MCS0	10.50	10.27
	802.11be80-EHT0	155	5775	MCS0	11.00	10.71

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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	13.50	13.26
		173	5865		14.00	13.84
		177	5885		12.00	11.85
	802.11n20-HT0	169	5845	MCS0	14.00	13.72
		173	5865		13.50	13.39
		177	5885		14.00	13.84
	802.11ac20-VHT0	169	5845	MCS0	14.00	13.77
		173	5865		13.50	13.25
		177	5885		14.00	13.81
	802.11ax20-HE0	169	5845	MCS0	14.00	13.72
		173	5865		14.50	14.34
		177	5885		-1.00	-1.11
	802.11be20-EHT0	169	5845	MCS0	14.00	13.73
		173	5865		14.50	14.32
		177	5885		-1.00	-1.13
	802.11n40-HT0	167	5835	MCS0	14.50	14.27
		175	5875		13.50	13.38
	802.11ac40-VHT0	167	5835	MCS0	14.50	14.35
		175	5875		13.50	13.28
	802.11ax40-HE0	167	5835	MCS0	14.50	14.29
		175	5875		13.00	12.75
	802.11be40-EHT0	167	5835	MCS0	15.00	14.78
		175	5875		13.00	12.74
	802.11ac80-VHT0	171	5855	MCS0	12.50	12.29
	802.11ax80-HE0	171	5855	MCS0	10.50	10.30
	802.11be80-EHT0	171	5855	MCS0	11.00	10.73
	802.11ac160-VHT0	163	5815	MCS0	10.50	10.27
	802.11ax160-HE0	163	5815	MCS0	9.50	9.36
	802.11be160-EHT0	163	5815	MCS0	9.50	9.25

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7.2 WLAN 6GHz

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	-0.50	-0.52
		45	6175		-0.50	-0.73
		93	6415		-1.50	-1.76
	802.11n20-HT0	1	5955	MCS0	0.50	0.00
		45	6175		0.00	-0.24
		93	6415		-1.50	-1.73
	802.11ac20-VHT0	1	5955	MCS0	0.00	-0.02
		45	6175		0.00	-0.32
		93	6415		-1.50	-1.74
	802.11ax20-HE0	1	5955	MCS0	0.50	0.20
		45	6175		0.50	0.30
		93	6415		0.00	-0.47
	802.11be20-EHT0	1	5955	MCS0	0.50	0.26
		45	6175		0.50	0.39
		93	6415		0.00	-0.30
	802.11n40-HT0	3	5965	MCS0	1.50	1.48
		43	6165		3.00	2.77
		91	6405		1.50	1.28
	802.11ac40-VHT0	3	5965	MCS0	1.50	1.43
		43	6165		3.00	2.77
		91	6405		1.50	1.37
	802.11ax40-HE0	3	5965	MCS0	1.50	1.38
		43	6165		3.00	2.84
		91	6405		2.00	1.88
	802.11be40-EHT0	3	5965	MCS0	1.50	1.38
		43	6165		3.00	2.92
		91	6405		2.00	1.93
	802.11ac80-VHT0	7	5985	MCS0	5.00	4.88
		39	6145		5.50	5.49
		87	6385		5.00	4.79
	802.11ax80-HE0	7	5985	MCS0	5.00	4.88
		39	6145		5.50	5.10
		87	6385		5.00	4.95
	802.11be80-EHT0	7	5985	MCS0	4.50	4.41
		39	6145		5.50	5.14
		87	6385		5.00	4.93
	802.11ac160-VHT0	15	6025	MCS0	8.00	7.62
		47	6185		8.50	8.09
		79	6345		8.50	8.08
	802.11ax160-HE0	15	6025	MCS0	8.00	7.70
		47	6185		8.00	7.66
		79	6345		8.50	8.04
	802.11be160-EHT0	15	6025	MCS0	8.00	7.78
		47	6185		8.00	7.87
		79	6345		8.50	8.10
	802.11be320-EHT0	31	6105	MCS0	11.50	11.28
		63	6265		10.50	10.45

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U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	-1.50	-1.79
		105	6475		-1.00	-1.03
		113	6515		-1.50	-1.70
	802.11n20-HT0	97	6435	MCS0	-1.00	-1.43
		105	6475		-0.50	-0.57
		113	6515		-1.00	-1.28
	802.11ac20-VHT0	97	6435	MCS0	-1.00	-1.45
		105	6475		-0.50	-0.62
		113	6515		-1.00	-1.23
	802.11ax20-HE0	97	6435	MCS0	-0.50	-0.85
		105	6475		-0.50	-0.54
		113	6515		-0.50	-0.77
	802.11be20-EHT0	97	6435	MCS0	-0.50	-0.74
		105	6475		-0.50	-0.52
		113	6515		-0.50	-0.56
	802.11n40-HT0	99	6445	MCS0	2.00	1.67
		107	6485		3.00	2.46
	802.11ac40-VHT0	99	6445	MCS0	2.00	1.66
		107	6485		2.50	2.38
	802.11ax40-HE0	99	6445	MCS0	2.50	2.19
		107	6485		3.00	2.72
	802.11be40-EHT0	99	6445	MCS0	2.50	2.32
		107	6485		3.00	2.84
	802.11ac80-VHT0	103	6465	MCS0	4.50	4.32
		119	6545		4.50	4.38
	802.11ax80-HE0	103	6465	MCS0	5.00	4.48
		119	6545		5.00	4.55
	802.11be80-EHT0	103	6465	MCS0	5.00	4.69
		119	6545		5.00	4.64
	802.11ac160-VHT0	111	6505	MCS0	7.00	6.87
	802.11ax160-HE0	111	6505	MCS0	7.00	6.88
	802.11be160-EHT0	111	6505	MCS0	7.50	7.02
	802.11be320-EHT0	95	6425	MCS0	11.50	11.18

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Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	-2.00	-2.10
		149	6695		-1.50	-1.52
		181	6855		0.50	0.14
	802.11n20-HT0	117	6535	MCS0	-1.50	-1.79
		149	6695		-0.50	-0.63
		181	6855		0.00	-0.08
	802.11ac20-VHT0	117	6535	MCS0	-1.50	-1.89
		149	6695		-0.50	-0.68
		181	6855		0.00	-0.15
	802.11ax20-HE0	117	6535	MCS0	-1.00	-1.32
		149	6695		-0.50	-0.65
		181	6855		0.50	0.24
	802.11be20-EHT0	117	6535	MCS0	-1.00	-1.14
		149	6695		-0.50	-0.62
		181	6855		0.50	0.29
	802.11n40-HT0	115	6525	MCS0	1.50	1.36
		147	6685		2.50	2.02
		179	6845		3.50	2.98
	802.11ac40-VHT0	115	6525	MCS0	1.50	1.30
		147	6685		2.00	1.98
		179	6845		3.00	2.89
	802.11ax40-HE0	115	6525	MCS0	2.00	1.79
		147	6685		2.00	1.82
		179	6845		3.50	3.18
	802.11be40-EHT0	115	6525	MCS0	2.00	1.87
		147	6685		2.00	1.87
		179	6845		3.50	3.31
	802.11ac80-VHT0	135	6625	MCS0	5.00	4.65
		151	6705		5.50	5.46
		167	6785		6.00	5.59
	802.11ax80-HE0	135	6625	MCS0	5.50	5.09
		151	6705		5.00	4.96
		167	6785		6.00	5.91
	802.11be80-EHT0	135	6625	MCS0	5.50	5.12
		151	6705		5.00	4.84
		167	6785		6.00	5.84
	802.11ac160-VHT0	143	6665	MCS0	7.50	7.33
		175	6825		8.50	8.25
	802.11ax160-HE0	143	6665	MCS0	8.00	7.50
		175	6825		8.00	7.90
	802.11be160-EHT0	143	6665	MCS0	8.00	7.55
		175	6825		8.00	8.00
	802.11be320-EHT0	127	6585	MCS0	10.50	10.38
		159	6745		11.00	10.81

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Ant 1						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	-0.50	-0.70
		209	6995		0.50	0.06
		233	7115		1.50	1.38
	802.11n20-HT0	185	6875	MCS0	-1.00	-1.19
		209	6995		1.00	0.61
		233	7115		1.00	0.87
	802.11ac20-VHT0	185	6875	MCS0	-1.00	-1.17
		209	6995		1.00	0.53
		233	7115		1.00	0.88
	802.11ax20-HE0	185	6875	MCS0	-0.50	-0.55
		209	6995		0.50	0.38
		233	7115		-14.50	-14.66
	802.11be20-EHT0	185	6875	MCS0	0.00	-0.21
		209	6995		1.00	0.76
		233	7115		-14.00	-14.10
	802.11n40-HT0	187	6885	MCS0	3.50	3.08
		227	7085		3.50	3.17
	802.11ac40-VHT0	187	6885	MCS0	3.50	3.08
		227	7085		3.50	3.11
	802.11ax40-HE0	187	6885	MCS0	3.50	3.44
		227	7085		4.00	3.64
	802.11be40-EHT0	187	6885	MCS0	3.00	2.86
		227	7085		3.00	2.83
	802.11ac80-VHT0	183	6865	MCS0	6.00	5.76
		199	6945		6.00	5.81
		215	7025		6.50	5.94
	802.11ax80-HE0	183	6865	MCS0	5.50	5.31
		199	6945		6.50	6.27
		215	7025		6.50	6.05
	802.11be80-EHT0	183	6865	MCS0	5.50	5.46
		199	6945		6.00	5.83
		215	7025		6.00	5.75
	802.11ac160-VHT0	207	6985	MCS0	8.00	7.73
	802.11ax160-HE0	207	6985	MCS0	8.50	8.43
	802.11be160-EHT0	207	6985	MCS0	8.00	7.96
	802.11be320-EHT0	191	6905	MCS0	11.50	11.33

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	-0.50	-0.99
		45	6175		-0.50	-0.82
		93	6415		-1.50	-1.84
	802.11n20-HT0	1	5955	MCS0	0.00	-0.26
		45	6175		0.00	-0.41
		93	6415		-1.50	-1.73
	802.11ac20-VHT0	1	5955	MCS0	0.00	-0.27
		45	6175		0.00	-0.37
		93	6415		-1.50	-1.95
	802.11ax20-HE0	1	5955	MCS0	0.00	-0.08
		45	6175		0.00	-0.04
		93	6415		-1.00	-1.26
	802.11be20-EHT0	1	5955	MCS0	0.00	-0.07
		45	6175		0.00	-0.03
		93	6415		-1.00	-1.06
	802.11n40-HT0	3	5965	MCS0	1.50	1.23
		43	6165		2.50	2.33
		91	6405		1.50	1.25
	802.11ac40-VHT0	3	5965	MCS0	1.00	0.93
		43	6165		2.50	2.28
		91	6405		1.50	1.13
	802.11ax40-HE0	3	5965	MCS0	1.50	1.39
		43	6165		2.50	2.39
		91	6405		2.00	1.67
	802.11be40-EHT0	3	5965	MCS0	1.50	1.42
		43	6165		2.50	2.36
		91	6405		2.00	1.86
	802.11ac80-VHT0	7	5985	MCS0	5.00	4.62
		39	6145		5.50	5.24
		87	6385		5.00	4.59
	802.11ax80-HE0	7	5985	MCS0	5.00	4.27
		39	6145		5.00	4.86
		87	6385		5.00	4.76
	802.11be80-EHT0	7	5985	MCS0	4.50	4.28
		39	6145		5.00	4.95
		87	6385		5.00	4.82
	802.11ac160-VHT0	15	6025	MCS0	7.50	7.19
		47	6185		8.50	7.93
		79	6345		7.50	7.21
	802.11ax160-HE0	15	6025	MCS0	7.50	7.11
		47	6185		8.50	7.68
		79	6345		7.50	7.26
	802.11be160-EHT0	15	6025	MCS0	7.50	7.31
		47	6185		8.00	7.62
		79	6345		7.50	7.38
	802.11be320-EHT0	31	6105	MCS0	11.00	10.97
		63	6265		10.00	9.89

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	-2.00	-2.28
		105	6475		-1.00	-1.11
		113	6515		-2.00	-2.20
	802.11n20-HT0	97	6435	MCS0	-1.50	-1.71
		105	6475		-0.50	-0.75
		113	6515		-1.50	-1.80
	802.11ac20-VHT0	97	6435	MCS0	-1.50	-1.71
		105	6475		-0.50	-0.73
		113	6515		-1.50	-1.88
	802.11ax20-HE0	97	6435	MCS0	-1.00	-1.42
		105	6475		-0.50	-0.77
		113	6515		-1.00	-1.40
	802.11be20-EHT0	97	6435	MCS0	-1.00	-1.27
		105	6475		-0.50	-0.62
		113	6515		-1.00	-1.31
	802.11n40-HT0	99	6445	MCS0	1.50	1.35
		107	6485		2.50	2.26
	802.11ac40-VHT0	99	6445	MCS0	1.50	1.36
		107	6485		2.50	2.12
	802.11ax40-HE0	99	6445	MCS0	2.00	1.76
		107	6485		2.50	2.34
	802.11be40-EHT0	99	6445	MCS0	2.50	2.01
		107	6485		2.50	2.48
	802.11ac80-VHT0	103	6465	MCS0	4.50	4.19
		119	6545		4.50	4.29
	802.11ax80-HE0	103	6465	MCS0	4.50	4.35
		119	6545		4.50	4.35
	802.11be80-EHT0	103	6465	MCS0	4.50	4.49
		119	6545		5.00	4.49
	802.11ac160-VHT0	111	6505	MCS0	7.00	6.77
	802.11ax160-HE0	111	6505	MCS0	7.00	6.79
	802.11be160-EHT0	111	6505	MCS0	7.00	6.81
	802.11be320-EHT0	95	6425	MCS0	10.50	10.29

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	-2.50	-2.77
		149	6695		-1.00	-1.45
		181	6855		0.00	-0.34
	802.11n20-HT0	117	6535	MCS0	-2.00	-2.45
		149	6695		-1.00	-1.12
		181	6855		0.00	-0.20
	802.11ac20-VHT0	117	6535	MCS0	-2.00	-2.41
		149	6695		-1.00	-1.17
		181	6855		0.00	-0.21
	802.11ax20-HE0	117	6535	MCS0	-1.50	-1.93
		149	6695		-0.50	-1.06
		181	6855		0.00	-0.25
	802.11be20-EHT0	117	6535	MCS0	-1.50	-1.74
		149	6695		-0.50	-0.93
		181	6855		0.00	-0.16
	802.11n40-HT0	115	6525	MCS0	1.00	0.93
		147	6685		2.50	1.94
		179	6845		3.00	2.43
	802.11ac40-VHT0	115	6525	MCS0	1.00	0.94
		147	6685		2.00	1.91
		179	6845		3.00	2.52
	802.11ax40-HE0	115	6525	MCS0	1.50	1.41
		147	6685		2.00	1.58
		179	6845		3.00	2.63
	802.11be40-EHT0	115	6525	MCS0	1.50	1.46
		147	6685		2.00	1.62
		179	6845		3.00	2.65
	802.11ac80-VHT0	135	6625	MCS0	5.00	4.67
		151	6705		5.50	5.03
		167	6785		5.50	5.25
	802.11ax80-HE0	135	6625	MCS0	5.00	4.95
		151	6705		5.00	4.56
		167	6785		5.50	5.28
	802.11be80-EHT0	135	6625	MCS0	5.00	4.99
		151	6705		5.00	4.56
		167	6785		5.50	5.40
	802.11ac160-VHT0	143	6665	MCS0	7.00	6.62
		175	6825		8.00	7.71
	802.11ax160-HE0	143	6665	MCS0	8.00	7.50
		175	6825		7.50	7.35
	802.11be160-EHT0	143	6665	MCS0	7.50	7.32
		175	6825		7.50	7.35
	802.11be320-EHT0	127	6585	MCS0	10.50	10.14
		159	6745		11.00	10.33

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Ant 2						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	-0.50	-0.80
		209	6995		0.00	-0.23
		233	7115		1.00	0.51
	802.11n20-HT0	185	6875	MCS0	-1.50	-1.55
		209	6995		0.50	0.08
		233	7115		1.50	1.07
	802.11ac20-VHT0	185	6875	MCS0	-1.50	-1.62
		209	6995		0.50	-0.08
		233	7115		1.00	0.92
	802.11ax20-HE0	185	6875	MCS0	-0.50	-0.83
		209	6995		0.50	0.40
		233	7115		-14.50	-14.63
	802.11be20-EHT0	185	6875	MCS0	-0.50	-0.75
		209	6995		0.50	0.47
		233	7115		-14.50	-14.53
	802.11n40-HT0	187	6885	MCS0	2.50	2.40
		227	7085		3.00	2.84
	802.11ac40-VHT0	187	6885	MCS0	2.50	2.46
		227	7085		3.00	2.82
	802.11ax40-HE0	187	6885	MCS0	3.50	3.25
		227	7085		3.00	2.80
	802.11be40-EHT0	187	6885	MCS0	3.00	2.74
		227	7085		3.00	2.49
	802.11ac80-VHT0	183	6865	MCS0	5.50	5.12
		199	6945		6.00	5.57
		215	7025		6.00	5.73
	802.11ax80-HE0	183	6865	MCS0	5.00	4.96
		199	6945		6.50	5.94
		215	7025		6.00	5.90
	802.11be80-EHT0	183	6865	MCS0	5.50	4.98
		199	6945		6.00	5.56
		215	7025		6.00	5.53
	802.11ac160-VHT0	207	6985	MCS0	8.00	7.66
	802.11ax160-HE0	207	6985	MCS0	8.50	8.32
	802.11be160-EHT0	207	6985	MCS0	8.00	7.97
	802.11be320-EHT0	191	6905	MCS0	11.50	11.11

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Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	-3.50	-3.63
		45	6175		-3.50	-3.68
		93	6415		-4.50	-4.52
	802.11n20-HT0	1	5955	MCS0	-2.50	-2.56
		45	6175		-3.00	-3.09
		93	6415		-4.50	-4.55
	802.11ac20-VHT0	1	5955	MCS0	-3.00	-3.03
		45	6175		-3.00	-3.03
		93	6415		-4.50	-4.52
	802.11ax20-HE0	1	5955	MCS0	-2.50	-2.61
		45	6175		-2.50	-2.55
		93	6415		-3.00	-3.06
	802.11be20-EHT0	1	5955	MCS0	-2.50	-2.56
		45	6175		-2.50	-2.50
		93	6415		-3.00	-3.01
	802.11n40-HT0	3	5965	MCS0	-1.50	-1.63
		43	6165		0.00	-0.18
		91	6405		-1.50	-1.55
	802.11ac40-VHT0	3	5965	MCS0	-1.50	-1.66
		43	6165		0.00	-0.12
		91	6405		-1.50	-1.66
	802.11ax40-HE0	3	5965	MCS0	-1.50	-1.62
		43	6165		0.00	-0.04
		91	6405		-1.00	-1.09
	802.11be40-EHT0	3	5965	MCS0	-1.50	-1.67
		43	6165		0.00	-0.05
		91	6405		-1.00	-1.01
	802.11ac80-VHT0	7	5985	MCS0	2.00	1.96
		39	6145		2.50	2.39
		87	6385		2.00	1.98
	802.11ax80-HE0	7	5985	MCS0	2.00	1.84
		39	6145		2.50	2.37
		87	6385		2.00	1.81
	802.11be80-EHT0	7	5985	MCS0	1.50	1.41
		39	6145		2.50	2.37
		87	6385		2.00	1.97
	802.11ac160-VHT0	15	6025	MCS0	5.00	4.82
		47	6185		5.50	5.39
		79	6345		5.50	5.44
	802.11ax160-HE0	15	6025	MCS0	5.00	4.86
		47	6185		5.00	4.84
		79	6345		5.50	5.46
	802.11be160-EHT0	15	6025	MCS0	5.00	4.97
		47	6185		5.00	4.91
		79	6345		5.50	5.32
	802.11be320-EHT0	31	6105	MCS0	8.50	8.31
		63	6265		7.50	7.38

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Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	-4.50	-4.53
		105	6475		-4.00	-4.01
		113	6515		-4.50	-4.56
	802.11n20-HT0	97	6435	MCS0	-4.00	-4.03
		105	6475		-3.50	-3.61
		113	6515		-4.00	-4.03
	802.11ac20-VHT0	97	6435	MCS0	-4.00	-4.18
		105	6475		-3.50	-3.53
		113	6515		-4.00	-4.09
	802.11ax20-HE0	97	6435	MCS0	-3.50	-3.64
		105	6475		-3.50	-3.60
		113	6515		-3.50	-3.60
	802.11be20-EHT0	97	6435	MCS0	-3.50	-3.67
		105	6475		-3.50	-3.67
		113	6515		-3.50	-3.56
	802.11n40-HT0	99	6445	MCS0	-1.00	-1.01
		107	6485		0.00	-0.11
	802.11ac40-VHT0	99	6445	MCS0	-1.00	-1.04
		107	6485		-0.50	-0.53
	802.11ax40-HE0	99	6445	MCS0	-0.50	-0.69
		107	6485		0.00	-0.14
	802.11be40-EHT0	99	6445	MCS0	-0.50	-0.59
		107	6485		0.00	-0.09
	802.11ac80-VHT0	103	6465	MCS0	1.50	1.40
		119	6545		1.50	1.38
	802.11ax80-HE0	103	6465	MCS0	2.00	1.93
		119	6545		2.00	1.85
	802.11be80-EHT0	103	6465	MCS0	2.00	1.84
		119	6545		2.00	1.90
	802.11ac160-VHT0	111	6505	MCS0	4.00	3.81
	802.11ax160-HE0	111	6505	MCS0	4.00	3.97
	802.11be160-EHT0	111	6505	MCS0	4.50	4.35
	802.11be320-EHT0	95	6425	MCS0	8.50	8.44

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Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	-5.00	-5.03
		149	6695		-4.50	-4.67
		181	6855		-2.50	-2.57
	802.11n20-HT0	117	6535	MCS0	-4.50	-4.62
		149	6695		-3.50	-3.62
		181	6855		-3.00	-3.02
	802.11ac20-VHT0	117	6535	MCS0	-4.50	-4.56
		149	6695		-3.50	-3.55
		181	6855		-3.00	-3.15
	802.11ax20-HE0	117	6535	MCS0	-4.00	-4.01
		149	6695		-3.50	-3.57
		181	6855		-2.50	-2.64
	802.11be20-EHT0	117	6535	MCS0	-4.00	-4.06
		149	6695		-3.50	-3.51
		181	6855		-2.50	-2.56
	802.11n40-HT0	115	6525	MCS0	-1.50	-1.58
		147	6685		-0.50	-0.57
		179	6845		0.50	0.35
	802.11ac40-VHT0	115	6525	MCS0	-1.50	-1.64
		147	6685		-1.00	-1.07
		179	6845		0.00	-0.12
	802.11ax40-HE0	115	6525	MCS0	-1.00	-1.17
		147	6685		-1.00	-1.05
		179	6845		0.50	0.38
	802.11be40-EHT0	115	6525	MCS0	-1.00	-1.00
		147	6685		-1.00	-1.09
		179	6845		0.50	0.47
	802.11ac80-VHT0	135	6625	MCS0	2.00	1.80
		151	6705		2.50	2.48
		167	6785		3.00	2.84
	802.11ax80-HE0	135	6625	MCS0	2.50	2.41
		151	6705		2.00	1.85
		167	6785		3.00	2.83
	802.11be80-EHT0	135	6625	MCS0	2.50	2.36
		151	6705		2.00	1.89
		167	6785		3.00	2.92
	802.11ac160-VHT0	143	6665	MCS0	4.50	4.33
		175	6825		5.50	5.42
	802.11ax160-HE0	143	6665	MCS0	5.00	4.94
		175	6825		5.00	4.93
	802.11be160-EHT0	143	6665	MCS0	5.00	4.85
		175	6825		5.00	4.89
	802.11be320-EHT0	127	6585	MCS0	7.50	7.39
		159	6745		8.00	7.99

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Ant 1						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	-3.50	-3.55
		209	6995		-2.50	-2.59
		233	7115		-1.50	-1.50
	802.11n20-HT0	185	6875	MCS0	-4.00	-4.06
		209	6995		-2.00	-2.09
		233	7115		-2.00	-2.15
	802.11ac20-VHT0	185	6875	MCS0	-4.00	-4.15
		209	6995		-2.00	-2.08
		233	7115		-2.00	-2.04
	802.11ax20-HE0	185	6875	MCS0	-3.50	-3.63
		209	6995		-2.50	-2.51
		233	7115		-17.50	-17.56
	802.11be20-EHT0	185	6875	MCS0	-3.00	-3.05
		209	6995		-2.00	-2.16
		233	7115		-17.00	-17.10
	802.11n40-HT0	187	6885	MCS0	0.50	0.37
		227	7085		0.50	0.48
	802.11ac40-VHT0	187	6885	MCS0	0.50	0.42
		227	7085		0.50	0.39
	802.11ax40-HE0	187	6885	MCS0	0.50	0.35
		227	7085		1.00	0.91
	802.11be40-EHT0	187	6885	MCS0	0.00	-0.18
		227	7085		0.00	-0.03
	802.11ac80-VHT0	183	6865	MCS0	3.00	2.91
		199	6945		3.00	2.90
		215	7025		3.50	3.30
	802.11ax80-HE0	183	6865	MCS0	2.50	2.40
		199	6945		3.50	3.40
		215	7025		3.50	3.38
	802.11be80-EHT0	183	6865	MCS0	2.50	2.42
		199	6945		3.00	2.98
		215	7025		3.00	2.97
	802.11ac160-VHT0	207	6985	MCS0	5.00	4.93
	802.11ax160-HE0	207	6985	MCS0	5.50	5.38
	802.11be160-EHT0	207	6985	MCS0	5.00	4.98
	802.11be320-EHT0	191	6905	MCS0	8.50	8.47

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Ant 2						
and	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	-3.50	-3.60
		45	6175		-3.50	-3.66
		93	6415		-4.50	-4.60
	802.11n20-HT0	1	5955	MCS0	-3.00	-3.09
		45	6175		-3.00	-3.00
		93	6415		-4.50	-4.54
	802.11ac20-VHT0	1	5955	MCS0	-3.00	-3.11
		45	6175		-3.00	-3.17
		93	6415		-4.50	-4.60
	802.11ax20-HE0	1	5955	MCS0	-3.00	-3.12
		45	6175		-3.00	-3.18
		93	6415		-4.00	-4.17
	802.11be20-EHT0	1	5955	MCS0	-3.00	-3.09
		45	6175		-3.00	-3.20
		93	6415		-4.00	-4.18
	802.11n40-HT0	3	5965	MCS0	-1.50	-1.64
		43	6165		-0.50	-0.63
		91	6405		-1.50	-1.54
	802.11ac40-VHT0	3	5965	MCS0	-2.00	-2.04
		43	6165		-0.50	-0.69
		91	6405		-1.50	-1.51
	802.11ax40-HE0	3	5965	MCS0	-1.50	-1.59
		43	6165		-0.50	-0.58
		91	6405		-1.00	-1.01
	802.11be40-EHT0	3	5965	MCS0	-1.50	-1.63
		43	6165		-0.50	-0.64
		91	6405		-1.00	-1.16
	802.11ac80-VHT0	7	5985	MCS0	2.00	1.96
		39	6145		2.50	2.32
		87	6385		2.00	1.82
	802.11ax80-HE0	7	5985	MCS0	2.00	1.86
		39	6145		2.00	1.84
		87	6385		2.00	1.89
	802.11be80-EHT0	7	5985	MCS0	1.50	1.39
		39	6145		2.00	2.00
		87	6385		2.00	1.91
	802.11ac160-VHT0	15	6025	MCS0	4.50	4.43
		47	6185		5.50	5.33
		79	6345		4.50	4.32
	802.11ax160-HE0	15	6025	MCS0	4.50	4.40
		47	6185		5.50	5.43
		79	6345		4.50	4.41
	802.11be160-EHT0	15	6025	MCS0	4.50	4.40
		47	6185		5.00	4.98
		79	6345		4.50	4.38
	802.11be320-EHT0	31	6105	MCS0	8.00	7.96
		63	6265		7.00	6.97

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Ant 2						
and	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	-5.00	-5.14
		105	6475		-4.00	-4.00
		113	6515		-5.00	-5.04
	802.11n20-HT0	97	6435	MCS0	-4.50	-4.63
		105	6475		-3.50	-3.52
		113	6515		-4.50	-4.67
	802.11ac20-VHT0	97	6435	MCS0	-4.50	-4.67
		105	6475		-3.50	-3.52
		113	6515		-4.50	-4.66
	802.11ax20-HE0	97	6435	MCS0	-4.00	-4.07
		105	6475		-3.50	-3.63
		113	6515		-4.00	-4.19
	802.11be20-EHT0	97	6435	MCS0	-4.00	-4.17
		105	6475		-3.50	-3.60
		113	6515		-4.00	-4.02
	802.11n40-HT0	99	6445	MCS0	-1.50	-1.55
		107	6485		-0.50	-0.68
	802.11ac40-VHT0	99	6445	MCS0	-1.50	-1.66
		107	6485		-0.50	-0.56
	802.11ax40-HE0	99	6445	MCS0	-1.00	-1.15
		107	6485		-0.50	-0.54
	802.11be40-EHT0	99	6445	MCS0	-0.50	-0.68
		107	6485		-0.50	-0.63
	802.11ac80-VHT0	103	6465	MCS0	1.50	1.34
		119	6545		1.50	1.40
	802.11ax80-HE0	103	6465	MCS0	1.50	1.44
		119	6545		1.50	1.50
	802.11be80-EHT0	103	6465	MCS0	1.50	1.45
		119	6545		2.00	1.81
	802.11ac160-VHT0	111	6505	MCS0	4.00	3.98
	802.11ax160-HE0	111	6505	MCS0	4.00	3.92
	802.11be160-EHT0	111	6505	MCS0	4.00	3.91
	802.11be320-EHT0	95	6425	MCS0	7.50	7.46

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Ant 2						
and	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	-5.50	-5.54
		149	6695		-4.00	-4.17
		181	6855		-3.00	-3.07
	802.11n20-HT0	117	6535	MCS0	-5.00	-5.13
		149	6695		-4.00	-4.03
		181	6855		-3.00	-3.01
	802.11ac20-VHT0	117	6535	MCS0	-5.00	-5.15
		149	6695		-4.00	-4.11
		181	6855		-3.00	-3.12
	802.11ax20-HE0	117	6535	MCS0	-4.50	-4.61
		149	6695		-3.50	-3.70
		181	6855		-3.00	-3.14
	802.11be20-EHT0	117	6535	MCS0	-4.50	-4.67
		149	6695		-3.50	-3.57
		181	6855		-3.00	-3.03
	802.11n40-HT0	115	6525	MCS0	-2.00	-2.10
		147	6685		-0.50	-0.52
		179	6845		0.00	-0.04
	802.11ac40-VHT0	115	6525	MCS0	-2.00	-2.02
		147	6685		-1.00	-1.13
		179	6845		0.00	-0.19
	802.11ax40-HE0	115	6525	MCS0	-1.50	-1.51
		147	6685		-1.00	-1.08
		179	6845		0.00	-0.12
	802.11be40-EHT0	115	6525	MCS0	-1.50	-1.60
		147	6685		-1.00	-1.12
		179	6845		0.00	-0.13
	802.11ac80-VHT0	135	6625	MCS0	2.00	1.96
		151	6705		2.50	2.48
		167	6785		2.50	2.49
	802.11ax80-HE0	135	6625	MCS0	2.00	1.87
		151	6705		2.00	1.86
		167	6785		2.50	2.44
	802.11be80-EHT0	135	6625	MCS0	2.00	1.95
		151	6705		2.00	1.88
		167	6785		2.50	2.38
	802.11ac160-VHT0	143	6665	MCS0	4.00	3.96
		175	6825		5.00	4.97
	802.11ax160-HE0	143	6665	MCS0	5.00	4.94
		175	6825		4.50	4.30
	802.11be160-EHT0	143	6665	MCS0	4.50	4.45
		175	6825		4.50	4.37
	802.11be320-EHT0	127	6585	MCS0	7.50	7.33
		159	6745		8.00	7.98

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Ant 2						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	-3.50	-3.63
		209	6995		-3.00	-3.19
		233	7115		-2.00	-2.12
	802.11n20-HT0	185	6875	MCS0	-4.50	-4.63
		209	6995		-2.50	-2.66
		233	7115		-1.50	-1.55
	802.11ac20-VHT0	185	6875	MCS0	-4.50	-4.64
		209	6995		-2.50	-2.69
		233	7115		-2.00	-2.09
	802.11ax20-HE0	185	6875	MCS0	-3.50	-3.69
		209	6995		-2.50	-2.67
		233	7115		-17.50	-17.68
	802.11be20-EHT0	185	6875	MCS0	-3.50	-3.69
		209	6995		-2.50	-2.53
		233	7115		-17.50	-17.60
	802.11n40-HT0	187	6885	MCS0	-0.50	-0.68
		227	7085		0.00	-0.17
	802.11ac40-VHT0	187	6885	MCS0	-0.50	-0.66
		227	7085		0.00	-0.15
	802.11ax40-HE0	187	6885	MCS0	0.50	0.36
		227	7085		0.00	-0.12
	802.11be40-EHT0	187	6885	MCS0	0.00	-0.09
		227	7085		0.00	-0.19
	802.11ac80-VHT0	183	6865	MCS0	2.50	2.46
		199	6945		3.00	2.97
		215	7025		3.00	2.94
	802.11ax80-HE0	183	6865	MCS0	2.00	1.90
		199	6945		3.50	3.38
		215	7025		3.00	2.99
	802.11be80-EHT0	183	6865	MCS0	2.50	2.44
		199	6945		3.00	2.95
		215	7025		3.00	2.83
	802.11ac160-VHT0	207	6985	MCS0	5.00	4.95
	802.11ax160-HE0	207	6985	MCS0	5.50	5.40
	802.11be160-EHT0	207	6985	MCS0	5.00	4.82
	802.11be320-EHT0	191	6905	MCS0	8.50	8.41

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7.3 Bluetooth

Left

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	20.00	18.15	16.50	15.08	17.00	15.01
	CH 39	2441	20.50	18.65	17.00	15.51	17.00	16.09
	CH 78	2480	19.00	18.01	15.50	15.08	16.00	15.05

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7.4 BLE

Left

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	6.5	6.42
	CH 19	2440	7	6.96
	CH 39	2480	5	4.92
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	6.5	6.39
	CH 19	2440	7.5	7.50
	CH 39	2480	5	4.85

Nouse

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	9	8.52
	CH 19	2440	8.5	8.48
	CH 39	2480	8.5	8.45
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	9	8.59
	CH 19	2440	9	8.56
	CH 39	2480	9	8.52

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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

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant 1	Face Down	0	1	2412	20.50	20.22	1.01	106.76%	0.483	0.518	-
WLAN 802.11b	Ant 1	Face Down	0	6	2437	21.50	21.29	1.01	105.06%	0.531	0.561	001
WLAN 802.11b	Ant 1	Face Down	0	11	2462	20.50	20.46	1.01	101.02%	0.339	0.344	-
WLAN 802.11b	Ant 1	Face Down*	0	6	2437	21.50	21.29	1.01	105.06%	0.378	0.399	051
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	
BR/EDR	Ant 1	Face Down	0	00	2402	20.00	19.96	1.23	100.84%	0.212	0.263	-
BR/EDR	Ant 1	Face Down	0	19	2440	20.50	20.03	1.23	111.33%	0.259	0.355	002
BR/EDR	Ant 1	Face Down	0	39	2480	19.00	18.70	1.23	107.06%	0.219	0.288	-
BR/EDR	Ant 1	Face Down*	0	19	2440	20.50	20.03	1.23	111.33%	0.244	0.334	052
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 802.11n(40M) 5.2G	Ant 1	Face Down	0	46	5230	14.00	13.50	1.07	112.09%	0.071	0.085	003
WLAN 802.11n(40M) 5.2G	Ant 1	Face Down*	0	46	5230	14.00	13.50	1.07	112.09%	0.023	0.027	053
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 802.11n(40M) 5.3G	Ant 1	Face Down	0	54	5270	19.50	19.01	1.07	111.83%	0.496	0.591	004
WLAN 802.11n(40M) 5.3G	Ant 1	Face Down*	0	54	5270	19.50	19.01	1.07	111.83%	0.450	0.536	054
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 802.11be(40M) 5.6G	Ant 1	Face Down	0	142	5710	18.50	18.05	1.01	110.84%	0.427	0.478	005
WLAN 802.11be(40M) 5.6G	Ant 1	Face Down*	0	142	5710	18.50	18.05	1.01	110.84%	0.320	0.359	055
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 802.11n(40M) 5.8G	Ant 1	Face Down	0	151	5755	18.00	17.89	1.07	102.46%	0.487	0.531	-
WLAN 802.11n(40M) 5.8G	Ant 1	Face Down	0	159	5795	18.00	17.82	1.07	104.13%	0.517	0.573	006
WLAN 802.11n(40M) 5.8G	Ant 1	Face Down*	0	159	5795	18.00	17.82	1.07	104.13%	0.508	0.563	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 802.11n(40M) 5.9G	Ant 1	Face Down	0	167	5835	18.50	18.04	1.07	111.06%	0.420	0.497	007
WLAN 802.11n(40M) 5.9G	Ant 1	Face Down*	0	167	5835	18.50	18.04	1.07	111.06%	0.381	0.451	057
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant 2	Face Down	0	1	2412	20.00	19.95	1.01	101.16%	0.343	0.349	-
WLAN 802.11b	Ant 2	Face Down	0	6	2437	21.00	20.77	1.01	105.54%	0.407	0.432	008
WLAN 802.11b	Ant 2	Face Down	0	11	2462	20.00	19.97	1.01	100.79%	0.322	0.326	-
WLAN 802.11b	Ant 2	Face Down*	0	6	2437	21.00	20.77	1.01	105.54%	0.316	0.335	058
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 802.11n(40M) 5.2G	Ant 2	Face Down	0	46	5230	13.00	12.88	1.07	102.70%	0.057	0.062	009
WLAN 802.11n(40M) 5.2G	Ant 2	Face Down*	0	46	5230	13.00	12.88	1.07	102.70%	0.033	0.036	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 802.11n(40M) 5.3G	Ant 2	Face Down	0	54	5270	18.50	18.30	1.07	104.61%	0.334	0.372	010
WLAN 802.11n(40M) 5.3G	Ant 2	Face Down*	0	54	5270	18.50	18.30	1.07	104.61%	0.146	0.163	060
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 802.11be(80M) 5.6G	Ant 2	Face Down	0	138	5690	18.00	17.50	1.01	112.12%	0.377	0.428	011
WLAN 802.11be(80M) 5.6G	Ant 2	Face Down*	0	138	5690	18.00	17.50	1.01	112.12%	0.199	0.226	061
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 802.11n(40M) 5.8G	Ant 2	Face Down	0	151	5755	17.50	17.35	1.07	103.41%	0.459	0.506	012
WLAN 802.11n(40M) 5.8G	Ant 2	Face Down	0	159	5795	17.50	17.37	1.07	102.94%	0.443	0.486	-
WLAN 802.11n(40M) 5.8G	Ant 2	Face Down*	0	151	5755	17.50	17.35	1.07	103.41%	0.268	0.295	062
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 802.11be(40M) 5.9G	Ant 2	Face Down	0	167	5835	18.00	17.65	1.01	108.32%	0.414	0.453	013
WLAN 802.11be(40M) 5.9G	Ant 2	Face Down*	0	167	5835	18.00	17.65	1.01	108.32%	0.282	0.309	063

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Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant 1	Face Down	0	31	6105	11.50	11.28	1.02	105.16%	0.679	0.725	4.72	5.043	014
U-NII-5 6.2GHz 802.11be(320M)	Ant 1	Face Down*	0	31	6105	11.50	11.28	1.02	105.16%	0.369	0.394	2.38	2.543	064
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Ant 1	Face Down	0	95	6425	11.50	11.18	1.02	107.61%	0.645	0.705	4.48	4.898	015
U-NII-6 6.5GHz 802.11be(320M)	Ant 1	Face Down*	0	95	6425	11.50	11.18	1.02	107.61%	0.301	0.329	1.95	2.132	065
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant 1	Face Down	0	159	6745	11.00	10.81	1.02	104.47%	0.644	0.684	4.51	4.787	016
U-NII-7 6.7GHz 802.11be(320M)	Ant 1	Face Down*	0	159	6745	11.00	10.81	1.02	104.47%	0.334	0.355	2.28	2.420	066
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant 1	Face Down	0	191	6905	11.50	11.33	1.02	103.96%	0.814	0.860	5.05	5.334	017
U-NII-8 7.0GHz 802.11be(320M)	Ant 1	Face Down*	0	191	6905	11.50	11.33	1.02	103.96%	0.413	0.436	2.59	2.736	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)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant 2	Face Down	0	31	6105	11.00	10.97	1.02	100.69%	0.741	0.758	4.58	4.686	018
U-NII-5 6.2GHz 802.11be(320M)	Ant 2	Face Down*	0	31	6105	11.00	10.97	1.02	100.69%	0.369	0.378	2.22	2.271	068
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Ant 2	Face Down	0	95	6425	10.50	10.29	1.02	104.92%	0.719	0.766	5.11	5.447	019
U-NII-6 6.5GHz 802.11be(320M)	Ant 2	Face Down*	0	95	6425	10.50	10.29	1.02	104.92%	0.368	0.392	2.24	2.388	069
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant 2	Face Down	0	159	6745	11.00	10.33	1.02	116.64%	0.724	0.858	5.25	6.222	020
U-NII-7 6.7GHz 802.11be(320M)	Ant 2	Face Down*	0	159	6745	11.00	10.33	1.02	116.64%	0.362	0.429	2.11	2.500	070
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant 2	Face Down	0	191	6905	11.50	11.11	1.02	109.36%	0.718	0.798	5.40	6.000	021
U-NII-8 7.0GHz 802.11be(320M)	Ant 2	Face Down*	0	191	6905	11.50	11.11	1.02	109.36%	0.359	0.399	2.66	2.955	071

Note: * - Spot Check AWAN

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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	
BLE_1M	Ant 1	Face Down	0	00	2402	9.00	8.52	1.39	111.61%	0.009	0.014	022
BLE_1M	Ant 1	Face Down	0	19	2440	8.50	8.48	1.39	100.40%	0.005	0.007	-
BLE_1M	Ant 1	Face Down	0	39	2480	8.50	8.45	1.39	101.09%	0.005	0.007	-
BLE_1M	Ant 1	Face Down*	0	00	2402	9.00	8.52	1.39	111.61%	0.007	0.011	072

Note: * - Spot Check AWAN

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

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Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant 1	Face Down	0	1	2412	17.50	17.32	1.01	104.23%	0.243	0.255	-
WLAN 802.11b	Ant 1	Face Down	0	6	2437	18.50	18.26	1.01	105.68%	0.265	0.281	023
WLAN 802.11b	Ant 1	Face Down	0	11	2462	17.50	17.40	1.01	102.33%	0.171	0.176	-
WLAN 802.11b	Ant 1	Face Down*	0	6	2437	18.50	18.26	1.01	105.68%	0.190	0.202	-
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 802.11n(40M) 5.2G	Ant 1	Face Down	0	46	5230	11.00	10.75	1.07	105.93%	0.041	0.046	024
WLAN 802.11n(40M) 5.2G	Ant 1	Face Down*	0	46	5230	11.00	10.75	1.07	105.93%	0.012	0.014	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11n(40M) 5.3G	Ant 1	Face Down	0	54	5270	16.50	16.30	1.07	104.71%	0.255	0.284	025
WLAN 802.11n(40M) 5.3G	Ant 1	Face Down*	0	54	5270	16.50	16.30	1.07	104.71%	0.223	0.249	-
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(40M) 5.6G	Ant 1	Face Down	0	142	5710	15.50	15.26	1.01	105.68%	0.211	0.225	026
WLAN 802.11b(40M) 5.6G	Ant 1	Face Down*	0	142	5710	15.50	15.26	1.01	105.68%	0.162	0.173	-
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 802.11n(40M) 5.8G	Ant 1	Face Down	0	151	5755	15.00	14.81	1.07	104.47%	0.241	0.268	-
WLAN 802.11n(40M) 5.8G	Ant 1	Face Down	0	159	5795	15.00	14.73	1.07	106.41%	0.263	0.298	027
WLAN 802.11n(40M) 5.8G	Ant 1	Face Down*	0	159	5795	15.00	14.73	1.07	106.41%	0.251	0.284	-
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 802.11n(40M) 5.9G	Ant 1	Face Down	0	167	5835	15.50	15.32	1.07	104.23%	0.212	0.235	028
WLAN 802.11n(40M) 5.9G	Ant 1	Face Down*	0	167	5835	15.50	15.32	1.07	104.23%	0.188	0.209	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant 2	Face Down	0	1	2412	17.00	16.75	1.01	105.93%	0.176	0.187	-
WLAN 802.11b	Ant 2	Face Down	0	6	2437	18.00	17.82	1.01	104.23%	0.204	0.214	029
WLAN 802.11b	Ant 2	Face Down	0	11	2462	17.00	16.90	1.01	102.33%	0.159	0.164	-
WLAN 802.11b	Ant 2	Face Down*	0	6	2437	18.00	17.82	1.01	104.23%	0.155	0.162	-
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 802.11n(40M) 5.2G	Ant 2	Face Down	0	46	5230	10.00	9.74	1.07	106.17%	0.033	0.037	030
WLAN 802.11n(40M) 5.2G	Ant 2	Face Down*	0	46	5230	10.00	9.74	1.07	106.17%	0.017	0.019	-
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)		ID
										Measured	Reported	
WLAN 802.11n(40M) 5.3G	Ant 2	Face Down	0	54	5270	15.50	15.31	1.07	104.47%	0.175	0.195	031
WLAN 802.11n(40M) 5.3G	Ant 2	Face Down*	0	54	5270	15.50	15.31	1.07	104.47%	0.072	0.080	-
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(80M) 5.6G	Ant 2	Face Down	0	138	5690	15.00	14.90	1.01	102.33%	0.198	0.205	032
WLAN 802.11b(80M) 5.6G	Ant 2	Face Down*	0	138	5690	15.00	14.90	1.01	102.33%	0.098	0.102	-
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 802.11n(40M) 5.8G	Ant 2	Face Down	0	151	5755	14.50	14.22	1.07	106.66%	0.232	0.264	033
WLAN 802.11n(40M) 5.8G	Ant 2	Face Down	0	159	5795	14.50	14.25	1.07	105.93%	0.224	0.253	-
WLAN 802.11n(40M) 5.8G	Ant 2	Face Down*	0	151	5755	14.50	14.22	1.07	106.66%	0.130	0.148	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b(40M) 5.9G	Ant 2	Face Down	0	167	5835	15.00	14.78	1.01	105.20%	0.218	0.232	034
WLAN 802.11b(40M) 5.9G	Ant 2	Face Down*	0	167	5835	15.00	14.78	1.01	105.20%	0.145	0.154	-

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant 1	Face Down	0	31	6105	8.50	8.31	1.02	104.47%	0.333	0.353	2.33	2.473	035
U-NII-5 6.2GHz 802.11be(320M)	Ant 1	Face Down*	0	31	6105	8.50	8.31	1.02	104.47%	0.181	0.192	1.2	1.274	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Ant 1	Face Down	0	95	6425	8.50	8.44	1.02	101.39%	0.321	0.331	2.22	2.287	036
U-NII-6 6.5GHz 802.11be(320M)	Ant 1	Face Down*	0	95	6425	8.50	8.44	1.02	101.39%	0.148	0.152	0.981	1.011	-
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)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant 1	Face Down	0	159	6745	8.00	7.99	1.02	100.23%	0.319	0.325	2.23	2.271	037
U-NII-7 6.7GHz 802.11be(320M)	Ant 1	Face Down*	0	159	6745	8.00	7.99	1.02	100.23%	0.162	0.165	1.11	1.130	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant 1	Face Down	0	191	6905	8.50	8.47	1.02	100.69%	0.401	0.410	2.49	2.547	038
U-NII-8 7.0GHz 802.11be(320M)	Ant 1	Face Down*	0	191	6905	8.50	8.47	1.02	100.69%	0.204	0.209	1.28	1.309	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Ant 2	Face Down	0	31	6105	8.00	7.96	1.02	100.93%	0.365	0.374	2.25	2.307	039
U-NII-5 6.2GHz 802.11be(320M)	Ant 2	Face Down*	0	31	6105	8.00	7.96	1.02	100.93%	0.183	0.188	1.05	1.077	-

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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-6 6.5GHz 802.11be(320M)	Ant 2	Face Down	0	95	6425	7.50	7.46	1.02	100.93%	0.355	0.364	2.51	2.574	040
U-NII-6 6.5GHz 802.11be(320M)	Ant 2	Face Down*	0	95	6425	7.50	7.46	1.02	100.93%	0.179	0.184	1.08	1.107	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11be(320M)	Ant 2	Face Down	0	159	6745	8.00	7.98	1.02	100.46%	0.358	0.365	2.58	2.633	041
U-NII-7 6.7GHz 802.11be(320M)	Ant 2	Face Down*	0	159	6745	8.00	7.98	1.02	100.46%	0.177	0.181	1.03	1.051	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(320M)	Ant 2	Face Down	0	191	6905	8.50	8.41	1.02	102.09%	0.354	0.367	2.66	2.759	042
U-NII-8 7.0GHz 802.11be(320M)	Ant 2	Face Down*	0	191	6905	8.50	8.41	1.02	102.09%	0.174	0.180	1.27	1.317	-

Note: * - Spot Check AWAN

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				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-5 6.2GHz 802.11be(320M)	Ant 1	Top Edge	2	31	6105	11.50	11.28	105.16%	1.02	1.55	4.080	6.757	3.280	5.432	024
U-NII-6 6.5GHz 802.11be(320M)	Ant 1	Top Edge	2	95	6425	11.50	11.18	107.61%	1.02	1.55	3.970	6.728	3.210	5.440	025
U-NII-7 6.7GHz 802.11be(320M)	Ant 1	Top Edge	2	159	6745	11.00	10.81	104.47%	1.02	1.55	3.100	5.100	2.380	3.916	026
U-NII-8 7.0GHz 802.11be(320M)	Ant 1	Top Edge	2	191	6905	11.50	11.33	103.96%	1.02	1.55	5.780	9.462	3.710	6.074	027
U-NII-8 7.0GHz 802.11be(320M)	Ant 1	Top Edge*	2	191	6905	11.50	11.33	104%	1.016	1.55	4.15	6.794	3.65	5.975	055
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				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-5 6.2GHz 802.11be(320M)	Ant 2	Top Edge	2	31	6105	11.00	10.97	100.69%	1.02	1.55	5.740	9.102	4.980	7.897	028
U-NII-6 6.5GHz 802.11be(320M)	Ant 2	Top Edge	2	95	6425	10.50	10.29	104.92%	1.02	1.55	3.630	5.998	2.810	4.643	029
U-NII-7 6.7GHz 802.11be(320M)	Ant 2	Top Edge	2	159	6745	11.00	10.33	116.64%	1.02	1.55	2.980	5.474	2.120	3.894	030
U-NII-8 7.0GHz 802.11be(320M)	Ant 2	Top Edge	2	191	6905	11.50	11.11	109.36%	1.02	1.55	2.110	3.634	1.390	2.394	031
U-NII-5 6.2GHz 802.11be(320M)	Ant 2	Top Edge*	2	31	6105	11.00	10.97	101%	1.016	1.55	4.1	6.501	3.38	5.360	056

Note: * - Spot Check AWAN

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	
Normal	WLAN 2.4GHz ANT1+WLAN 2.4GHz ANT2+LE
Normal	WLAN 2.4GHz ANT2+LE+BT ANT1
Normal	WLAN 5GHz ANT1+WLAN 5GHz ANT2+LE+BT ANT1
Normal	WLAN 6GHz ANT1+WLAN 6GHz ANT2+LE+BT ANT1
DBS&HBS	WLAN 2.4GHz ANT1+WLAN 2.4GHz ANT2+WLAN 5GHz ANT1+WLAN 5GHz ANT2+LE
DBS&HBS	WLAN 2.4GHz ANT1+WLAN 2.4GHz ANT2+WLAN 6GHz ANT1+WLAN 6GHz ANT2+LE
DBS&HBS	WLAN 5GHz ANT1+WLAN 5GHz ANT2+WLAN 6GHz ANT1+WLAN 6GHz ANT2+LE

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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

Exposure Position		Reported SAR								Scenario 1	Scenario 3	Scenario 4	Scenario 6
		2	3	4	5	6	7	9	10	2+3+6	3+6+7	4+5+6+7	9+10+6+7
		2.4GHz WLAN Ant 1 1g SAR (W/kg)	2.4GHz WLAN Ant 2 1g SAR (W/kg)	5GHz WLAN Ant 1 1g SAR (W/kg)	5GHz WLAN Ant 2 1g SAR (W/kg)	BLE_1M 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	6GHz WLAN Ant 1 1g SAR (W/kg)	6GHz WLAN Ant 2 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Face Down	0	0.561	0.432	0.591	0.506	0.014	0.355	0.860	0.858	1.007	0.801	1.466	2.087

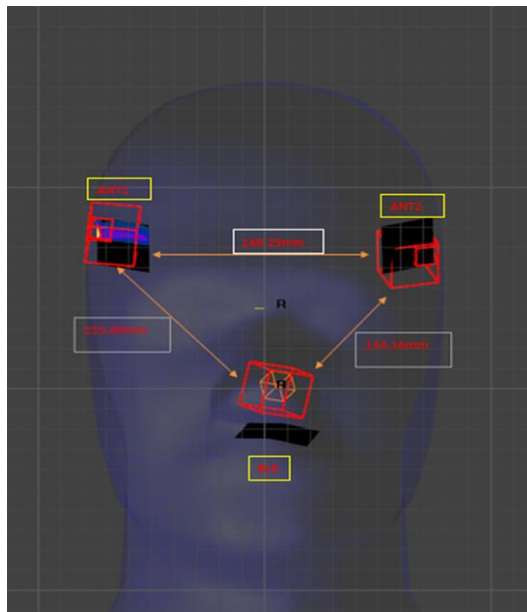
DBS&HBS

Exposure Position		Reported SAR							Scenario 1	Scenario 2	Scenario 4
		2	3	4	5	6	9	10	2+3+4+5+6	2+3+9+10+6	4+5+9+10+6
		2.4GHz WLAN Ant 1	2.4GHz WLAN Ant 2	5GHz WLAN Ant 1	5GHz WLAN Ant 2	BLE_1M	6GHz WLAN Ant 1	6GHz WLAN Ant 2	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)
		Face Down	0	0.281	0.214	0.298	0.264	0.014	0.410	0.374	1.071

SPLSR

Scenario 6									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Face Down	6GHz WLAN Ant 1+Bluetooth Ant 1	1.215	7.66	7.41	-11.35	-	-	-	-
	6GHz WLAN Ant 2	0.858	7.25	-7.4	-13.15	2.073	149.25	0.020	SPLSR ≤ 0.04, Not required
	BLE_1M	0.014	0.56	-0.65	-22.62	1.229	155.69	0.009	SPLSR ≤ 0.04, Not required

Scenario 6									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Face Down	6GHz WLAN Ant 2	0.858	7.25	-7.4	-13.15	-	-	-	-
	BLE_1M	0.014	0.56	-0.65	-22.62	0.872	134.16	0.006	SPLSR ≤ 0.04, Not required



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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	1356	Dec/06/2024	Dec/05/2025
SPEAG	Data acquisition Electronics	DAE4	1260	Sep/28/2025	Sep/27/2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7466	Jan/28/2025	Jan/27/2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7642	Feb/19/2025	Feb/18/2026
SPEAG	E-field Probe for Near Field Application	EUmmWV3	9399	Jan/14/2025	Jan/13/2026
SPEAG	E-field Probe for Near Field Application	EUmmWV3	9616	Mar/14/2025	Mar/13/2026
SPEAG	System Validation Dipole	D2450V2	727	Apr/15/2025	Apr/14/2026
SPEAG	System Validation Dipole	D5GHzV2	1349	Mar/19/2024	Mar/18/2027
SPEAG	System Validation Dipole	D6.5GHzV2	1006	Aug/12/2025	Aug/11/2026
SPEAG	System Validation Dipole	D7GHzV2	1007	Aug/12/2025	Aug/11/2026
SPEAG	5G Verification Source 10GHz	5G-Veri10	1021	Jan/16/2025	Jan/15/2026
SPEAG	5G Verification Source 10GHz	5G-Veri10	1021	Jan/15/2026	Jan/14/2027
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/17/2025	Feb/16/2026
Keysight	EXA Signal Analyzer	N9010B	MY60242392	Dec/24/2024	Dec/23/2025
Keysight	EXA Signal Analyzer	N9010B	MY60242392	Dec/24/2024	Dec/23/2026
Agilent	Dual-directional coupler	778D	MY46151242	2025/09/09	Sep/08/2026
Agilent	Dual-directional coupler	772D	MY46151258	2025/10/08	Oct/07/2026
Agilent	Dual-directional coupler	778D	MY52180302	2025/11/13	Nov/25/2026
Agilent	Dual-directional coupler	772D	MY48220468	2025/09/09	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	102034	2024/12/27	Dec/26/2025
R&S	Power Meter	NRX	102034	2025/12/29	Dec/28/2026
R&S	Power Sensor	NRP18S	101974	2025/11/26	Nov/25/2026
R&S	Power Sensor	NRP18S	101973	2025/02/21	Feb/20/2025
R&S	Power Sensor	NRP18S	101973	2025/02/21	Feb/20/2026
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	SAM Face-Down Phantom	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	3896	2024/12/26	Dec/25/2025
LKM	Digital thermometer	DTM3000	3896	2026/01/09	Jan/08/2027
TECPEL	Digital thermometer	DTM-303A	TP190085	2024/12/30	Dec/29/2025
TECPEL	Digital thermometer	DTM-303A	TP190085	2026/01/12	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 Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
<i>Isotropy, Axial</i>	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	2.41%	N	1	1	0.64	0.43	1.54%	1.04%	M
Liquid Conductivity (mea.)	4.24%	N	1	1	0.6	0.49	2.54%	2.08%	M
Combined standard uncertainty		RSS					12.09%	11.93%	
Expan uncertainty (95% confidence interval), K=2							24.18%	23.87%	

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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/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
<i>Isotropy , Axial</i>	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	0.38%	N	1	1	0.64	0.43	0.24%	0.16%	M
Liquid Conductivity (mea.)	2.65%	N	1	1	0.6	0.49	1.59%	1.30%	M
Combined standard uncertainty		RSS					11.53%	11.48%	
Expant uncertainty (95% confidence interval), K=2							23.06%	22.97%	

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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 ($BW \leq 1\text{GHz}$)	0.20	R	$\sqrt{3}$	1.732	1	0.12	∞
Sensor cross coupling	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Isotropy	0.50	R	$\sqrt{3}$	1.732	1	0.29	∞
Linearity	0.20	R	$\sqrt{3}$	1.732	1	0.12	∞
Probe scattering	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Probe positioning offset	0.30	R	$\sqrt{3}$	1.732	1	0.17	∞
Probe positioning repeatability	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Sensor mechanical offset	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Probe spatial resolution	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Field impedance dependence	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Amplitude and phase drift	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Amplitude and phase noise	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Measurement area truncation	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Data acquisition	0.03	N	1	1	1	0.03	∞
Sampling	0.00	R	$\sqrt{3}$	1	1	0.00	∞
Field reconstruction	2.00	R	$\sqrt{3}$	1.732	1	1.15	∞
Forward transformation	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Power density scaling	-	R	$\sqrt{3}$	1.732	1	-	∞
Spatial averaging	0.10	R	$\sqrt{3}$	1.732	1	0.06	∞
System detection limit	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors							
Probe coupling with DUT	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Modulation response	0.40	R	$\sqrt{3}$	1.732	1	0.23	∞
Integration time	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Response time	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Device holder influence	0.10	R	$\sqrt{3}$	1.732	1	0.06	∞
DUT alignment	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
RF ambient conditions	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Ambient reflections	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Immunity / secondary reception	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Drift of the DUT	-	R	$\sqrt{3}$	1.732	1	-	∞
Combined Std. uncertainty						1.33	
Expanded Std. uncertainty (95% confidence interval), K=2						2.67	

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12 SAR MEASUREMENT RESULTS

ID: 001

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11b_Head_Face Down_CH 6_0mm_Ant 1

Ambient temperature: 22.5°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	Face Down, 0.00	2437.0, 6	7.38	1.824	39.101

Hardware Setup

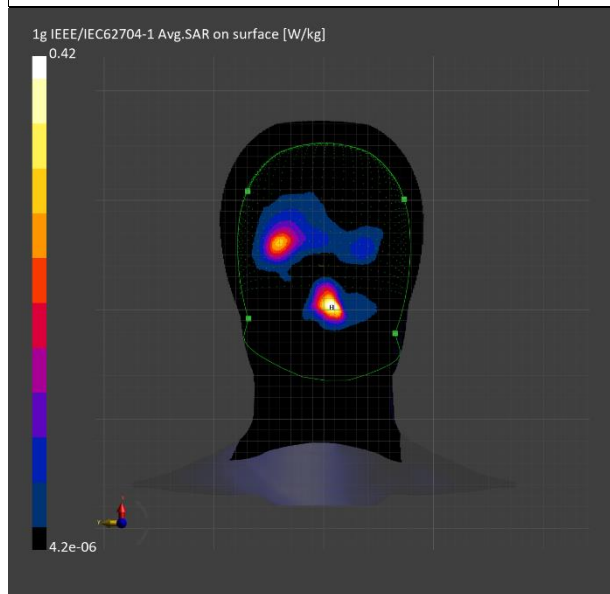
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 192.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-10-12	2025-10-12
psSAR1g [W/kg]	0.354	0.531
psSAR10g [W/kg]	0.176	0.237
Power Drift [dB]	0.01	-0.00
M2/M1 [%]		53.6
Dist 3dB Peak [mm]		7.9



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ID: 002

Report No. :TESA2504000352E5

Measurement Report_BR/EDR_Head_Face Down_CH 19_0mm_Ant 1

Ambient temperature: 22.5°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	Face Down, 0.00	2440.0, 19	7.38	1.826	39.096

Hardware Setup

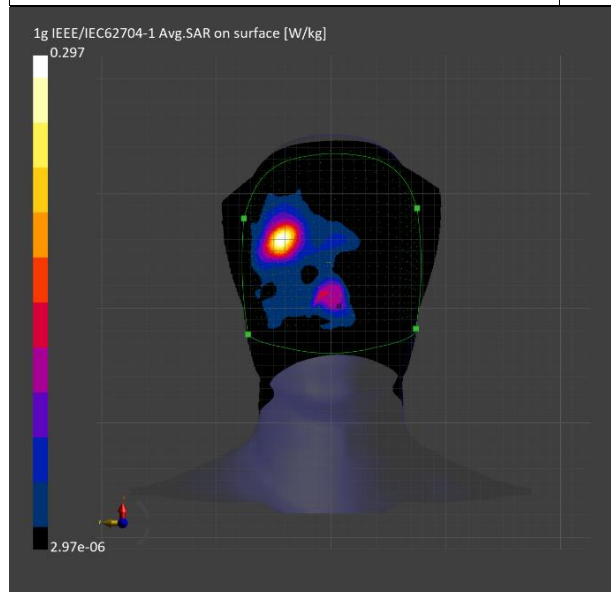
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 168.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-10-12	2025-10-12
psSAR1g [W/Kg]	0.185	0.259
psSAR10g [W/Kg]	0.092	0.153
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		52.2
Dist 3dB Peak [mm]		5.1



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ID: 003

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.2G_Head_Face Down_CH 46_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5230.0, 46	5.52	4.733	36.097

Hardware Setup

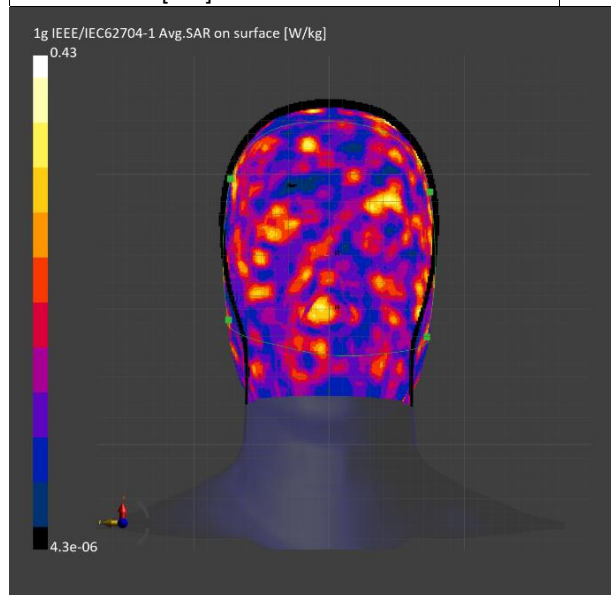
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	168.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-07	2025-09-07
psSAR1g [W/kg]	0.090	0.071
psSAR10g [W/kg]	0.041	0.055
Power Drift [dB]	0.03	.0.01
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		8.3



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ID: 004

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.3G_Head_Face Down_CH 54_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5270.0, 54	5.52	4.774	36.052

Hardware Setup

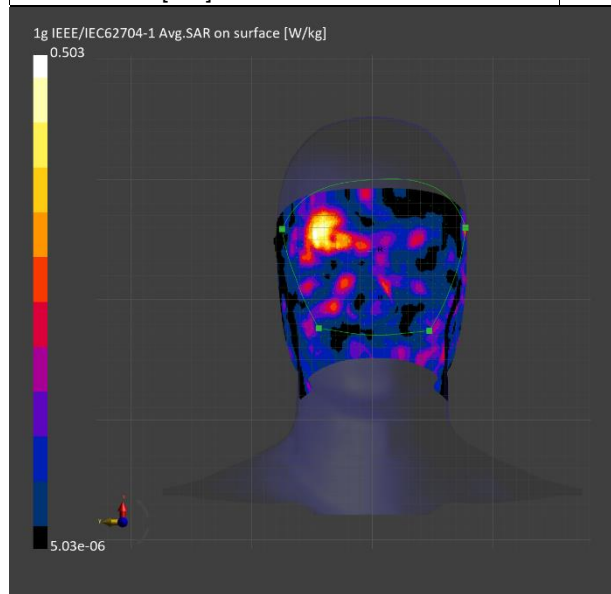
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-07	2025-09-07
psSAR1g [W/kg]	0.304	0.496
psSAR10g [W/kg]	0.148	0.173
Power Drift [dB]	0.01	0.04
M2/M1 [%]		67.9
Dist 3dB Peak [mm]		4.8



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ID: 005

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(40M) 5.6G_Head_Face Down_CH 142_0mm_Ant 1

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	Face Down, 0.00	5710.0, 142	5.15	5.242	35.635

Hardware Setup

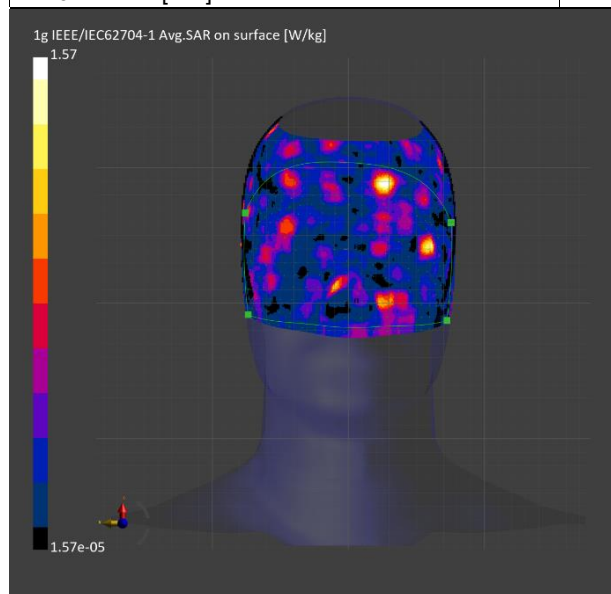
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-12-01	2025-12-01
psSAR1g [W/kg]	0.401	0.427
psSAR10g [W/kg]	0.130	0.142
Power Drift [dB]	0.01	-0.02
M2/M1 [%]		60.2
Dist 3dB Peak [mm]		7.5



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ID: 006

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.8G_Head_Face Down_CH 159_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5795.0, 159	5.15	5.318	35.452

Hardware Setup

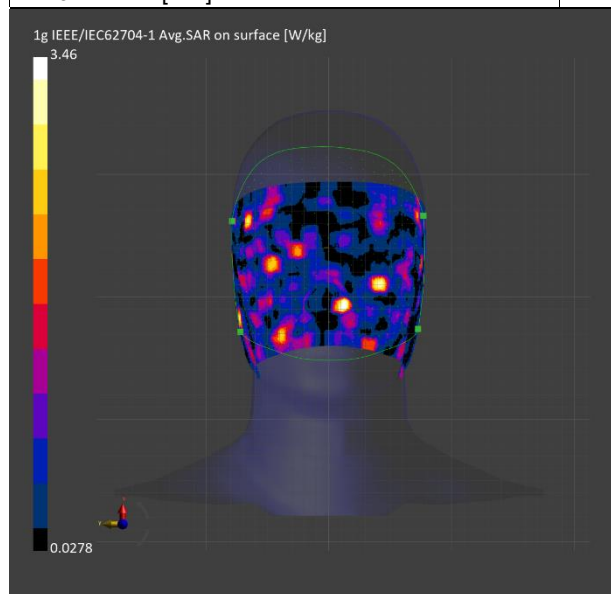
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-07	2025-09-07
psSAR1g [W/kg]	0.501	0.517
psSAR10g [W/kg]	0.145	0.178
Power Drift [dB]	0.02	-0.04
M2/M1 [%]		63.2
Dist 3dB Peak [mm]		6.5



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ID: 007

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.9G_Head_Face Down_CH 167_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5835.0, 167	5.07	5.359	35.406

Hardware Setup

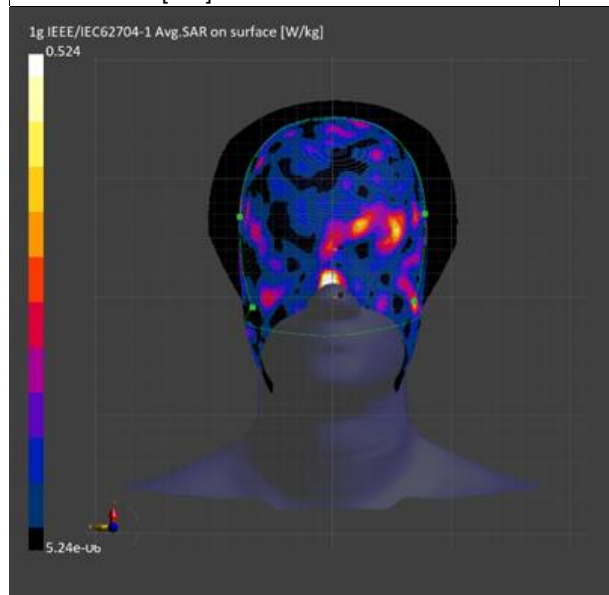
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-07	2025-09-07
psSAR1g [W/kg]	0.359	0.420
psSAR10g [W/kg]	0.111	0.145
Power Drift [dB]	0.01	0.01
M2/M1 [%]		64.9
Dist 3dB Peak [mm]		6.6



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ID: 008

Report No. : TESA2504000352E5

Measurement Report_WLAN 802.11b_Head_Face Down_CH 6_0mm_Ant 2

Ambient temperature: 22.5°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	Face Down, 0.00	2437.0, 6	7.38	1.824	39.101

Hardware Setup

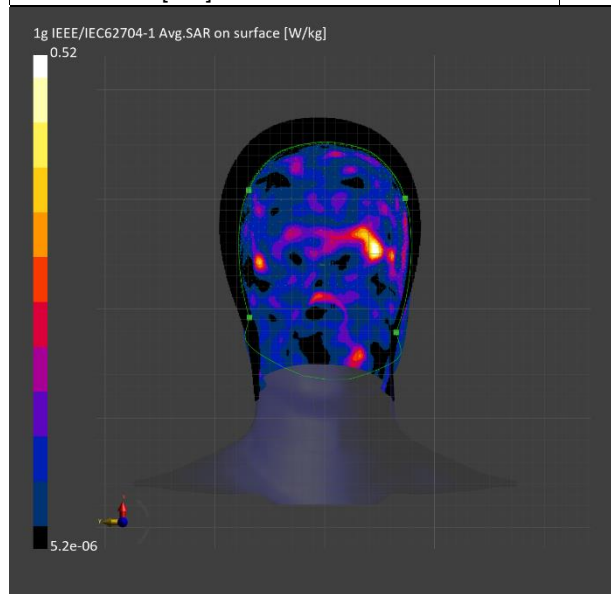
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 168.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-10-12	2025-10-12
psSAR1g [W/kg]	0.305	0.407
psSAR10g [W/kg]	0.180	0.205
Power Drift [dB]	-0.02	-0.04
M2/M1 [%]		80.3
Dist 3dB Peak [mm]		9.8



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ID: 009

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.2G_Head_Face Down_CH 46_0mm_Ant 2

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5230.0, 46	5.52	4.719	35.807

Hardware Setup

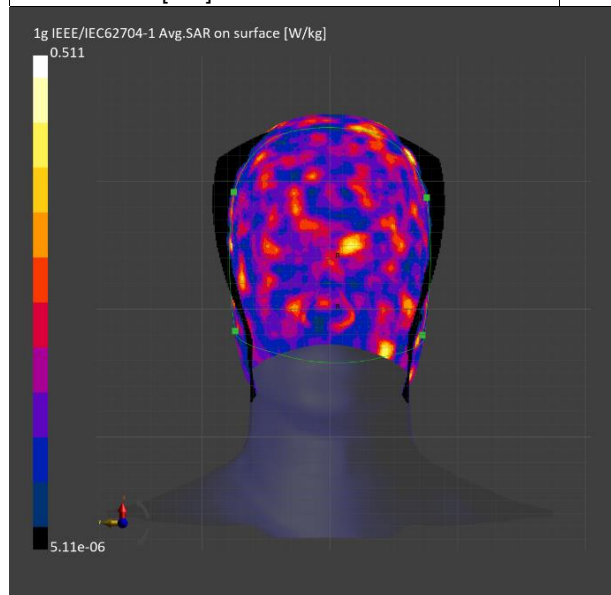
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	168.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-08	2025-09-08
psSAR1g [W/kg]	0.056	0.057
psSAR10g [W/kg]	0.032	0.049
Power Drift [dB]	0.01	0.02
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		7.1



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Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.3G_Head_Face Down_CH 54_0mm_Ant 2

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5270.0, 54	5.52	4.740	35.784

Hardware Setup

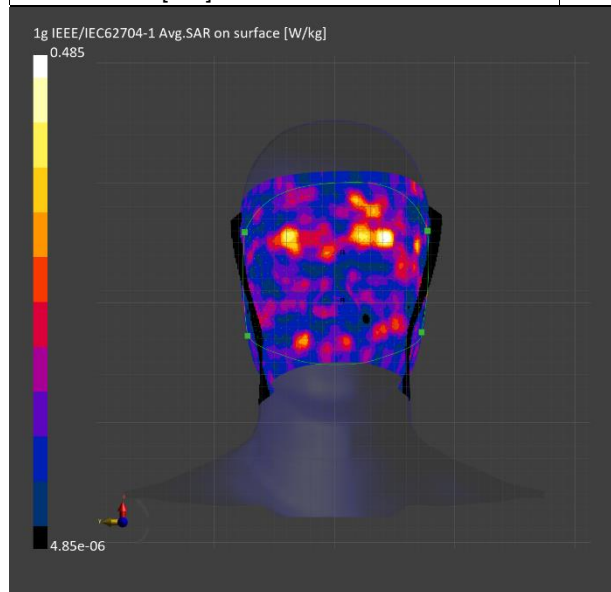
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-08	2025-09-08
psSAR1g [W/kg]	0.316	0.334
psSAR10g [W/kg]	0.103	0.121
Power Drift [dB]	0.03	-0.02
M2/M1 [%]		68.7
Dist 3dB Peak [mm]		5.4



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Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(80M) 5.6G_Head_Face Down_CH 138_0mm_Ant 2

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	Face Down, 0.00	5690.0, 138	5.15	5.221	35.658

Hardware Setup

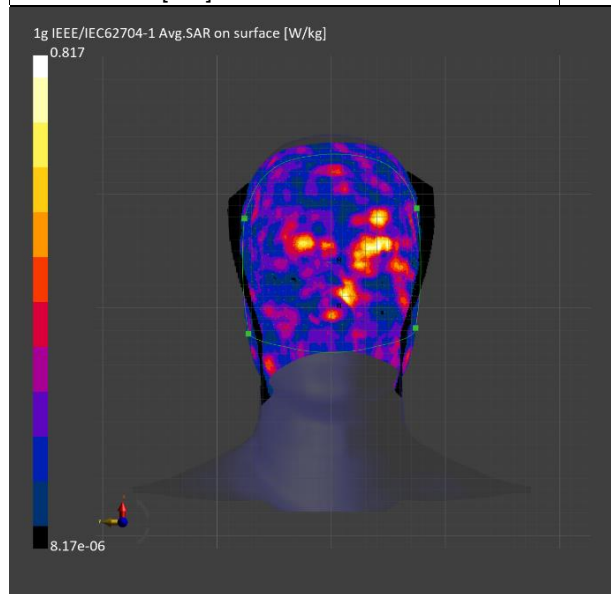
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-12-01	2025-12-01
psSAR1g [W/kg]	0.310	0.377
psSAR10g [W/kg]	0.109	0.191
Power Drift [dB]	0.03	-0.00
M2/M1 [%]		70.3
Dist 3dB Peak [mm]		6.1



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Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.8G_Head_Face Down_CH 151_0mm_Ant 2

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	Face Down, 0.00	5755.0, 151	5.15	5.288	35.584

Hardware Setup

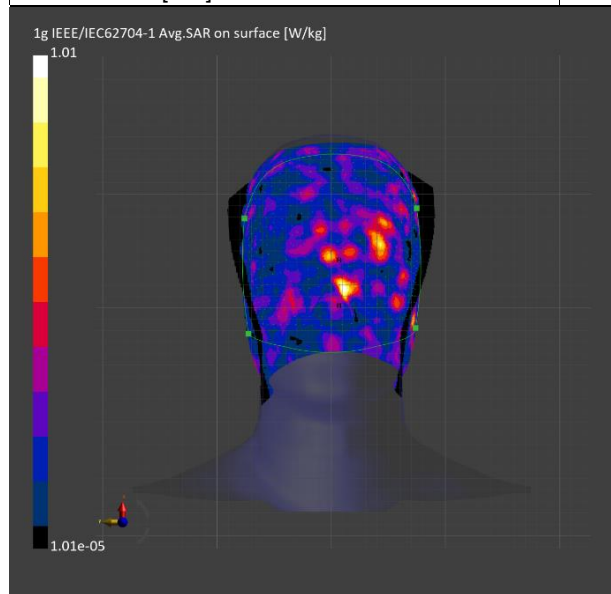
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-12-01	2025-12-01
psSAR1g [W/kg]	0.398	0.459
psSAR10g [W/kg]	0.159	0.198
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		66.5
Dist 3dB Peak [mm]		6.6



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Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(40M) 5.9G_Head_Face Down_CH 167_0mm_Ant 2

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	Face Down, 0.00	5835.0, 167	5.07	5.330	35.538

Hardware Setup

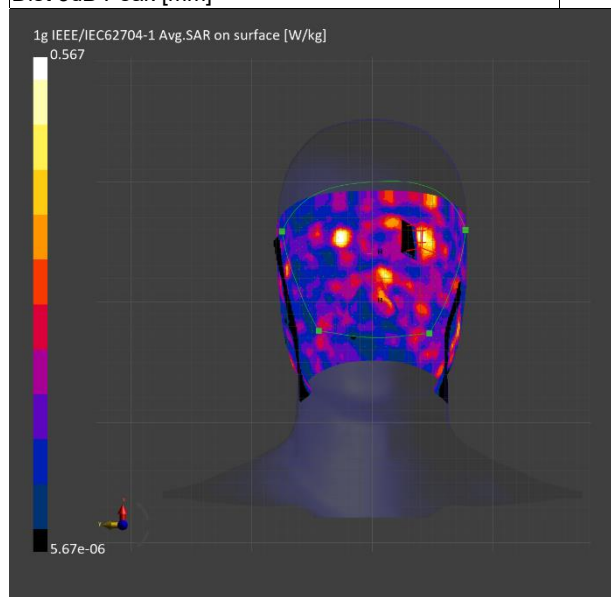
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-12-01	2025-12-01
psSAR1g [W/kg]	0.385	0.414
psSAR10g [W/kg]	0.102	0.142
Power Drift [dB]	0.01	-0.03
M2/M1 [%]		67.4
Dist 3dB Peak [mm]		6.7



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ID: 014

Report No. :TESA2504000352E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Head_Face Down_CH 31_0mm_Ant 1

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6105.0, 31	5.34	5.641	35.091

Hardware Setup

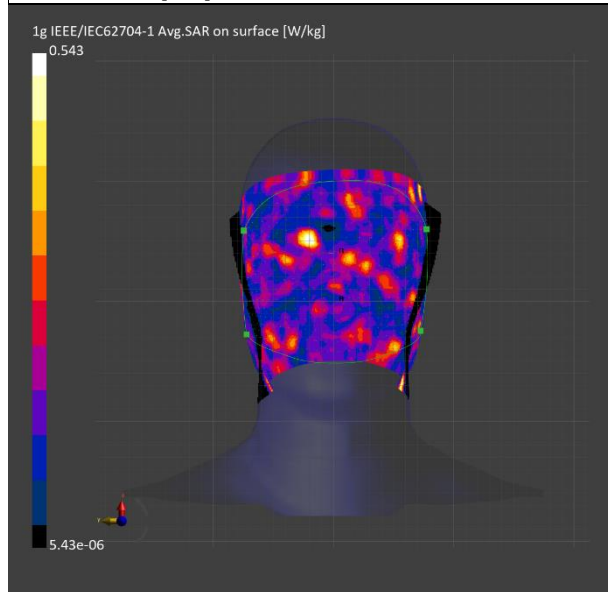
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.639	0.679
psSAR10g [W/kg]	0.108	0.129
psPDab (4.0cm2, sq) [W/m2]		4.72
Power Drift [dB]	0.02	0.03
M2/M1 [%]		78.7
Dist 3dB Peak [mm]		5.9



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ID: 015

Report No. :TESA2504000352E5

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Head_Face Down_CH 95_0mm_Ant 1

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6425.0, 95	5.34	5.979	34.707

Hardware Setup

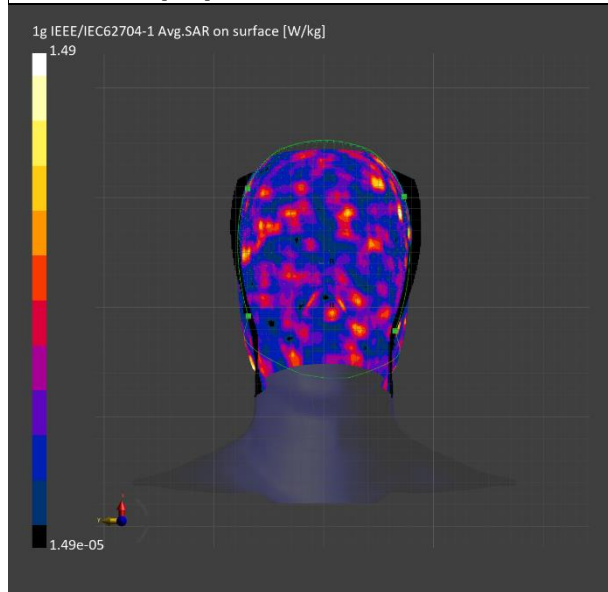
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.619	0.645
psSAR10g [W/kg]	0.117	0.123
psPDab (4.0cm2, sq) [W/m2]		4.48
Power Drift [dB]	0.03	0.01
M2/M1 [%]		52.8
Dist 3dB Peak [mm]		4.6



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ID: 016

Report No. :TESA2504000352E5

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Head_Face Down_CH 159_0mm_Ant 1

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6745.0, 159	5.34	6.321	34.323

Hardware Setup

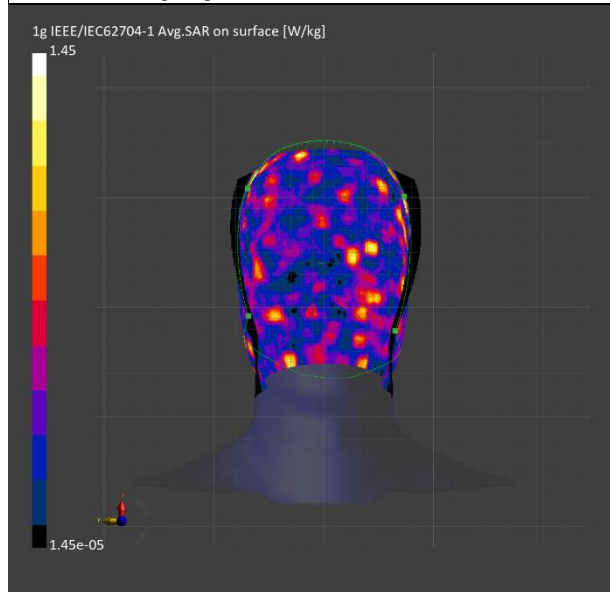
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.612	0.644
psSAR10g [W/kg]	0.103	0.115
psPDab (4.0cm2, sq) [W/m2]		4.51
Power Drift [dB]	0.02	0.03
M2/M1 [%]		56.4
Dist 3dB Peak [mm]		4.8



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ID: 017

Report No. :TESA2504000352E5

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Head_Face Down_CH 191_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6905.0, 191	5.34	6.448	33.863

Hardware Setup

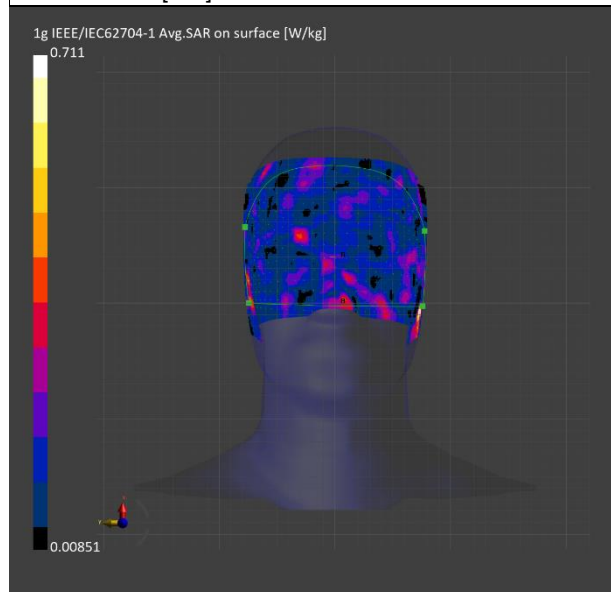
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-10-13	2025-10-13
psSAR1g [W/kg]	0.802	0.814
psSAR10g [W/kg]	0.102	0.11
psPDab (4.0cm2, sq) [W/m2]		5.05
Power Drift [dB]	0.01	-0.03
M2/M1 [%]		62.6
Dist 3dB Peak [mm]		4.2



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ID: 018

Report No. :TESA2504000352E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Head_Face Down_CH 31_0mm_Ant 2

Ambient temperature: 22.0°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6105.0, 31	5.34	5.601	34.823

Hardware Setup

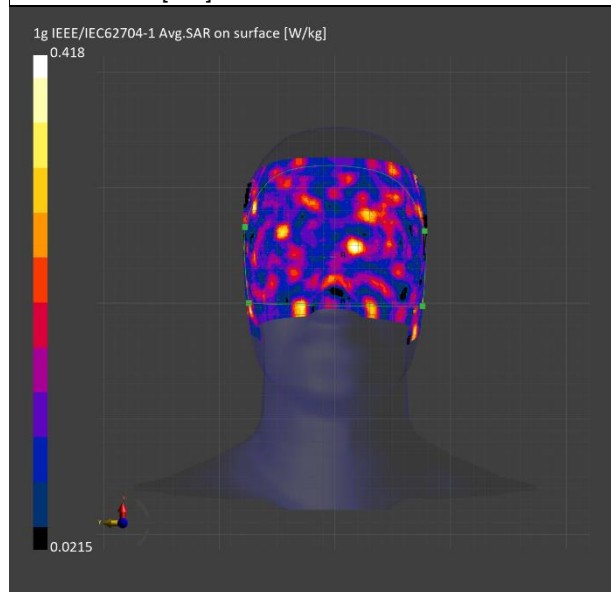
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-10-13	2025-10-13
psSAR1g [W/kg]	0.711	0.741
psSAR10g [W/kg]	0.313	0.329
psPDab (4.0cm2, sq) [W/m2]		4.58
Power Drift [dB]	0.02	-0.03
M2/M1 [%]		55.5
Dist 3dB Peak [mm]		4.7



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ID: 019

Report No. :TESA2504000352E5

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Head_Face Down_CH 95_0mm_Ant 2

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6425.0, 95	5.34	5.979	34.707

Hardware Setup

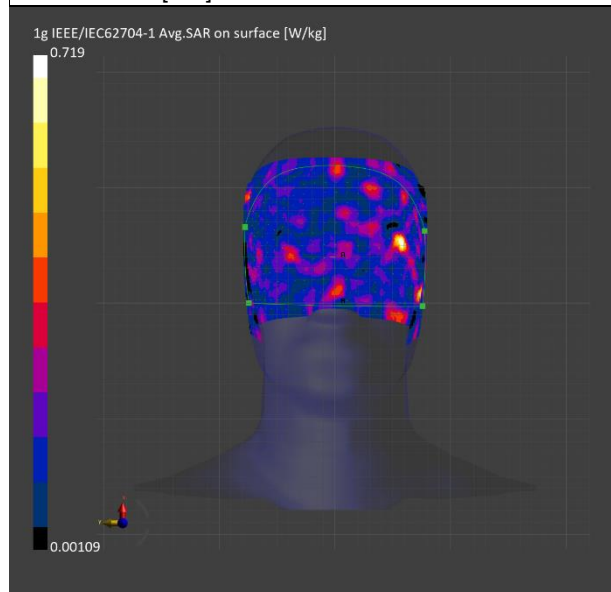
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.706	0.719
psSAR10g [W/kg]	0.230	0.260
psPDab (4.0cm2, sq) [W/m2]		5.11
Power Drift [dB]	0.03	-0.02
M2/M1 [%]		64.0
Dist 3dB Peak [mm]		4.7



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ID: 020

Report No. :TESA2504000352E5

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Head_Face Down_CH 159_0mm_Ant 2

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6745.0, 159	5.34	6.321	34.323

Hardware Setup

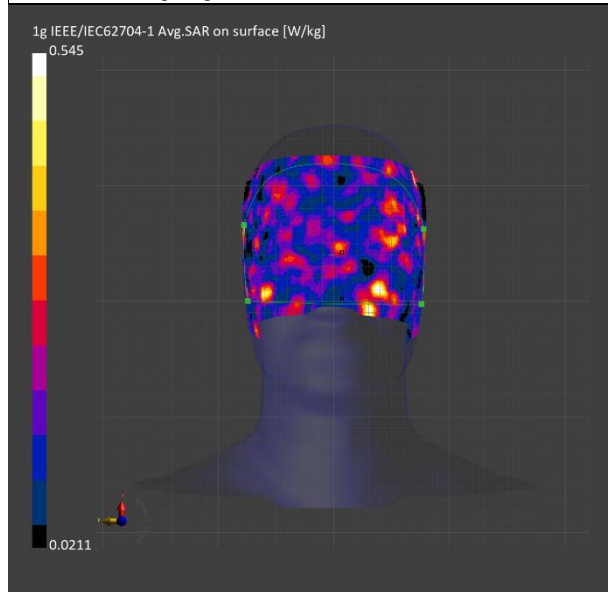
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.663	0.724
psSAR10g [W/kg]	0.231	0.257
psPDab (4.0cm2, sq) [W/m2]		5.25
Power Drift [dB]	0.05	0.04
M2/M1 [%]		57.2
Dist 3dB Peak [mm]		4.1



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ID: 021

Report No. :TESA2504000352E5

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Head_Face Down_CH 191_0mm_Ant 2

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6905.0, 191	5.34	6.493	34.131

Hardware Setup

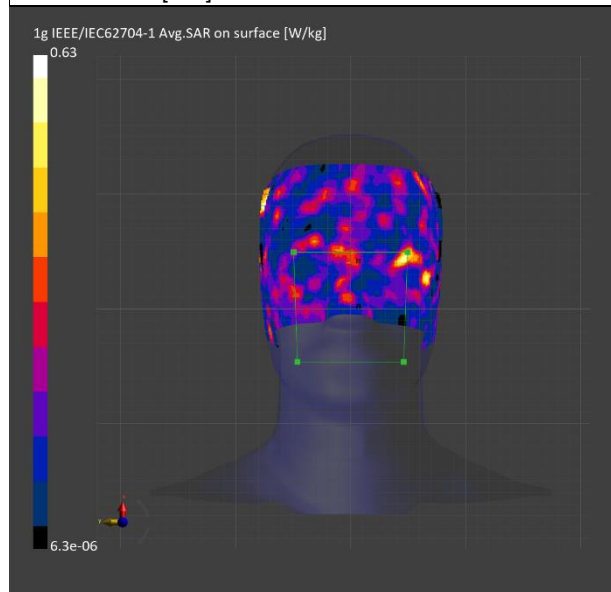
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.701	0.718
psSAR10g [W/kg]	0.221	0.270
psPDab (4.0cm2, sq) [W/m2]		5.40
Power Drift [dB]	0.01	0.02
M2/M1 [%]		57.2
Dist 3dB Peak [mm]		4.1



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ID: 022

Report No. : TESA2504000352E5

Measurement Report_BLE_1M_Head_Face Down_CH 00_0mm_Ant 1

Ambient temperature: 22.2°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	Face Down, 0.00	2402.0, 00	7.38	1.805	39.431

Hardware Setup

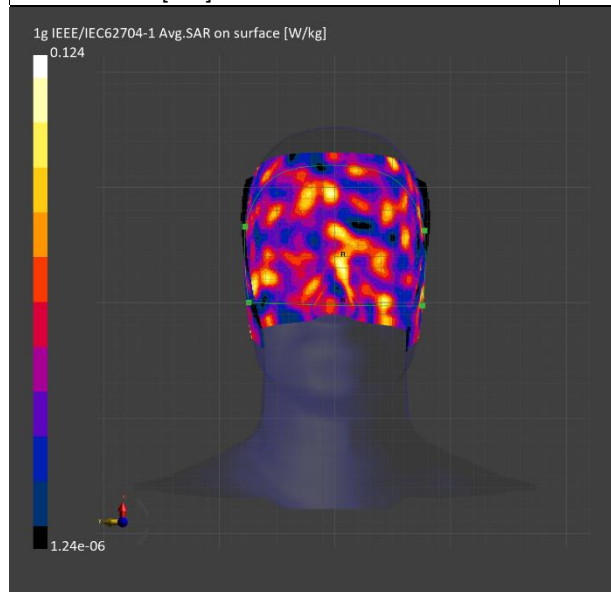
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 168.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-05	2025-09-05
psSAR1g [W/kg]	0.005	0.009
psSAR10g [W/kg]	0.001	0.002
Power Drift [dB]	0.01	0.01
M2/M1 [%]		54.2
Dist 3dB Peak [mm]		5.1



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ID: 023

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11b_Head_Face Down_CH 6_0mm_Ant 1

Ambient temperature: 22.5°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	Face Down, 0.00	2437.0, 6	7.38	1.824	39.101

Hardware Setup

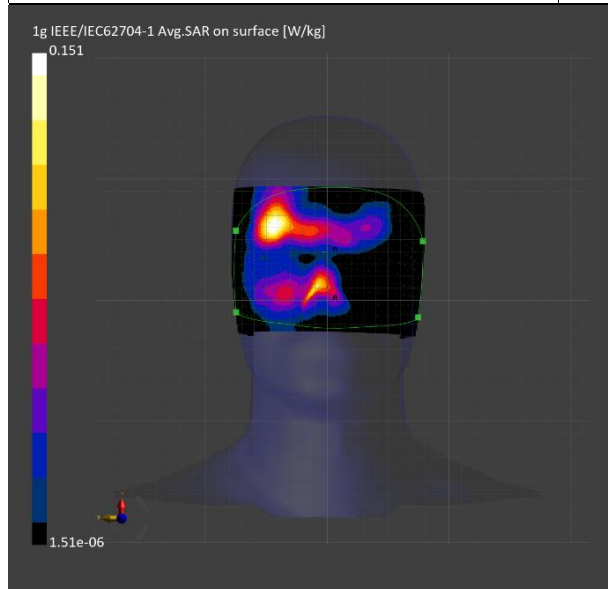
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 192.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-10-12	2025-10-12
psSAR1g [W/kg]	0.176	0.265
psSAR10g [W/kg]	0.087	0.118
Power Drift [dB]	-0.00	0.02
M2/M1 [%]		55.9
Dist 3dB Peak [mm]		6.3



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ID: 024

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.2G_Head_Face Down_CH 46_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5230.0, 46	5.52	4.733	36.097

Hardware Setup

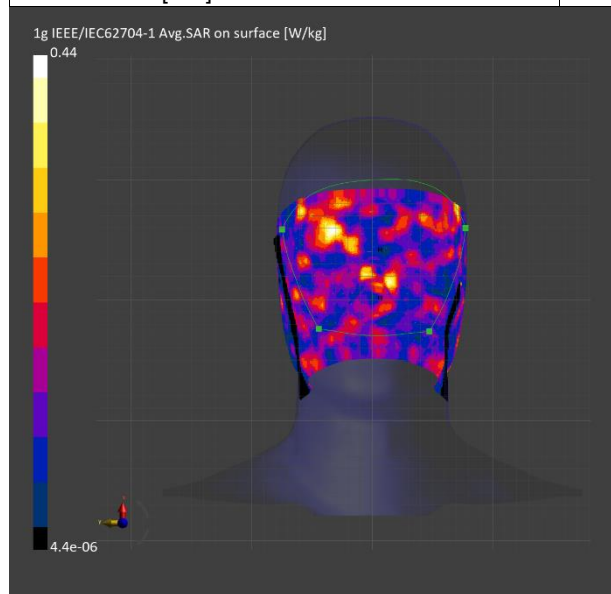
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	168.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-07	2025-09-07
psSAR1g [W/kg]	0.052	0.041
psSAR10g [W/kg]	0.024	0.032
Power Drift [dB]	-0.00	-.002
M2/M1 [%]		62.1
Dist 3dB Peak [mm]		7.1



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ID: 025

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.3G_Head_Face Down_CH 54_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5270.0, 54	5.52	4.774	36.052

Hardware Setup

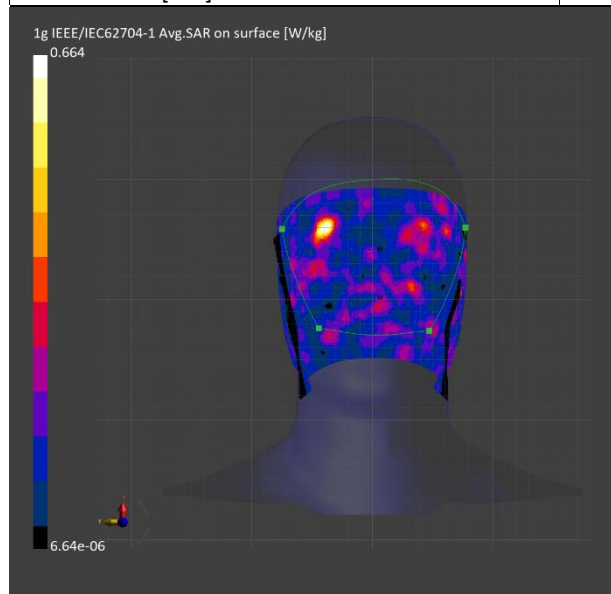
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-07	2025-09-07
psSAR1g [W/kg]	0.323	0.255
psSAR10g [W/kg]	0.147	0.197
Power Drift [dB]	-0.00	-0.02
M2/M1 [%]		60.1
Dist 3dB Peak [mm]		5.7



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ID: 026

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(40M) 5.6G_Head_Face Down_CH 142_0mm_Ant 1

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	Face Down, 0.00	5710.0, 142	5.15	5.242	35.635

Hardware Setup

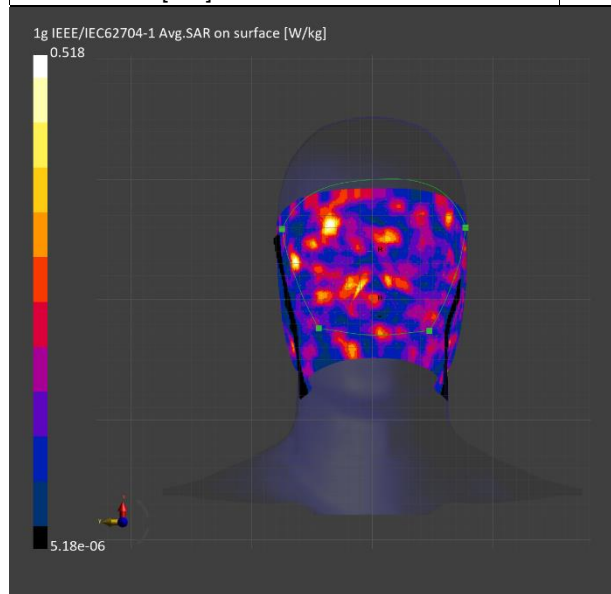
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-12-01	2025-12-01
psSAR1g [W/kg]	0.267	0.211
psSAR10g [W/kg]	0.122	0.163
Power Drift [dB]	-0.02	0.00
M2/M1 [%]		50.8
Dist 3dB Peak [mm]		6.9



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ID: 027

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.8G_Head_Face Down_CH 159_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5795.0, 159	5.15	5.318	35.452

Hardware Setup

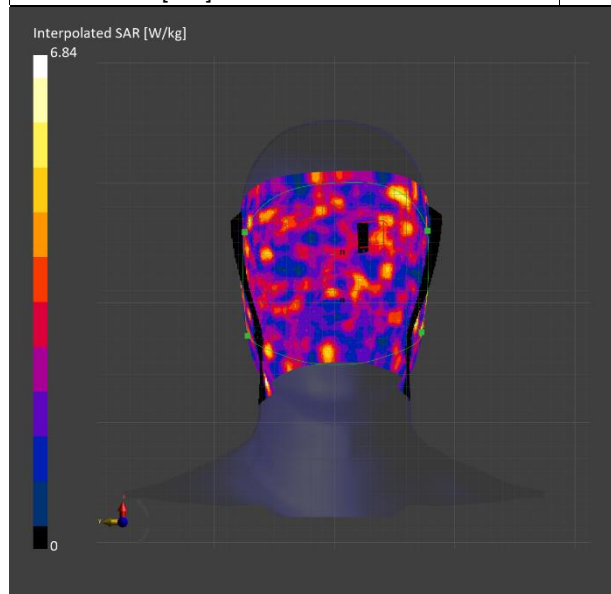
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-07	2025-09-07
psSAR1g [W/kg]	0.333	0.263
psSAR10g [W/kg]	0.152	0.204
Power Drift [dB]	-0.01	-0.00
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		6.6



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Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.9G_Head_Face Down_CH 167_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5835.0, 167	5.07	5.359	35.406

Hardware Setup

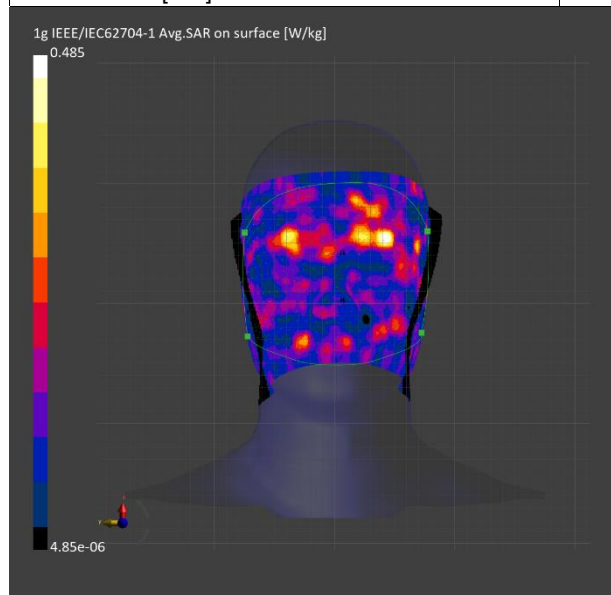
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-07	2025-09-07
psSAR1g [W/kg]	0.268	0.212
psSAR10g [W/kg]	0.122	0.164
Power Drift [dB]	-0.00	0.02
M2/M1 [%]		61.4
Dist 3dB Peak [mm]		7.2



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ID: 029

Report No. : TESA2504000352E5

Measurement Report_WLAN 802.11b_Head_Face Down_CH 6_0mm_Ant 2

Ambient temperature: 22.5°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Facedown, HSL	Face Down, 0.00	2437.0, 6	7.38	1.824	39.101

Hardware Setup

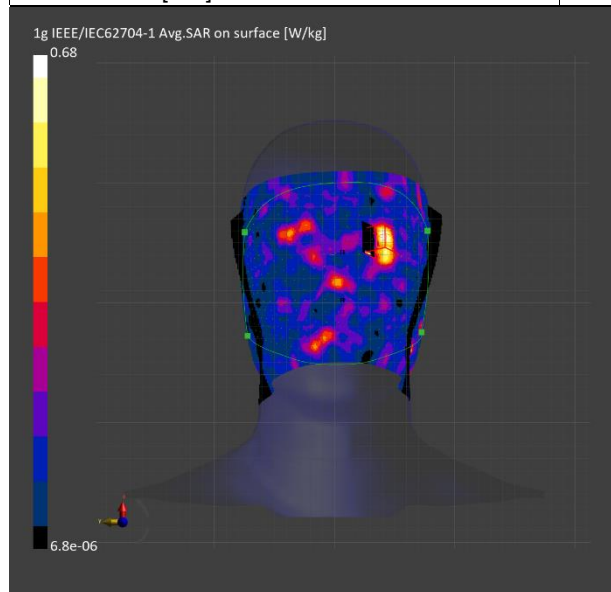
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 168.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-10-12	2025-10-12
psSAR1g [W/kg]	0.136	0.204
psSAR10g [W/kg]	0.068	0.092
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		72.5
Dist 3dB Peak [mm]		8.7



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Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.2G_Head_Face Down_CH 46_0mm_Ant 2

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5230.0, 46	5.52	4.719	35.807

Hardware Setup

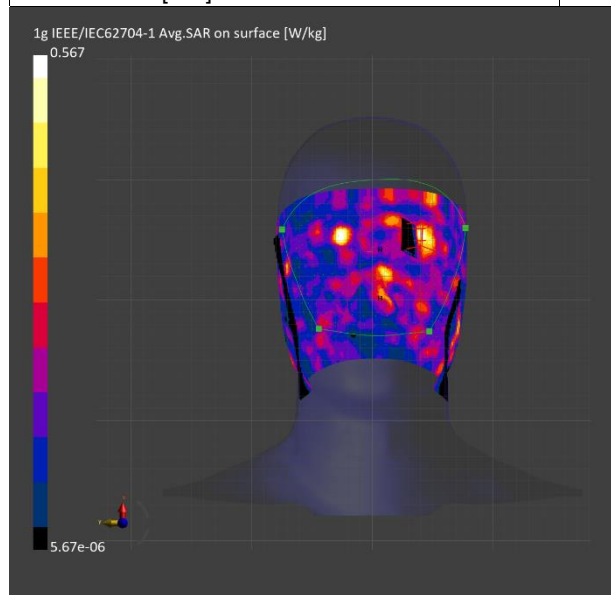
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	168.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-08	2025-09-08
psSAR1g [W/kg]	0.042	0.033
psSAR10g [W/kg]	0.019	0.025
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		67.1
Dist 3dB Peak [mm]		6.7



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ID: 031

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.3G_Head_Face Down_CH 54_0mm_Ant 2

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5270.0, 54	5.52	4.740	35.784

Hardware Setup

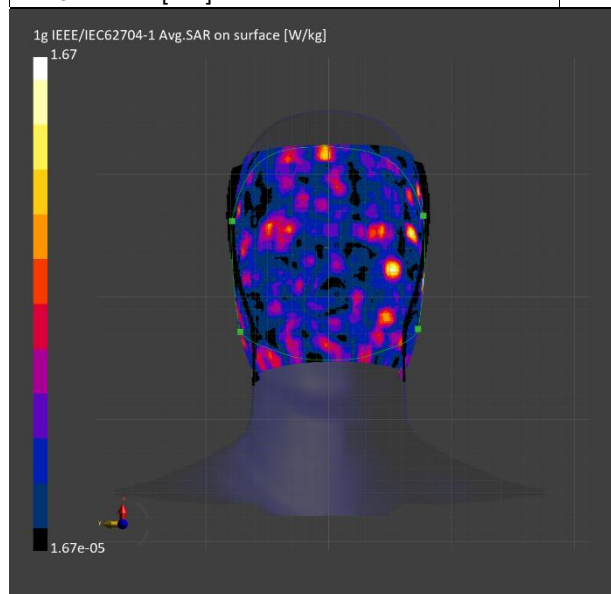
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-09-08	2025-09-08
psSAR1g [W/kg]	0.222	0.175
psSAR10g [W/kg]	0.101	0.136
Power Drift [dB]	-0.00	0.01
M2/M1 [%]		66.8
Dist 3dB Peak [mm]		6.8



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ID: 032

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(80M) 5.6G_Head_Face Down_CH 138_0mm_Ant 2

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	Face Down, 0.00	5690.0, 138	5.15	5.221	35.658

Hardware Setup

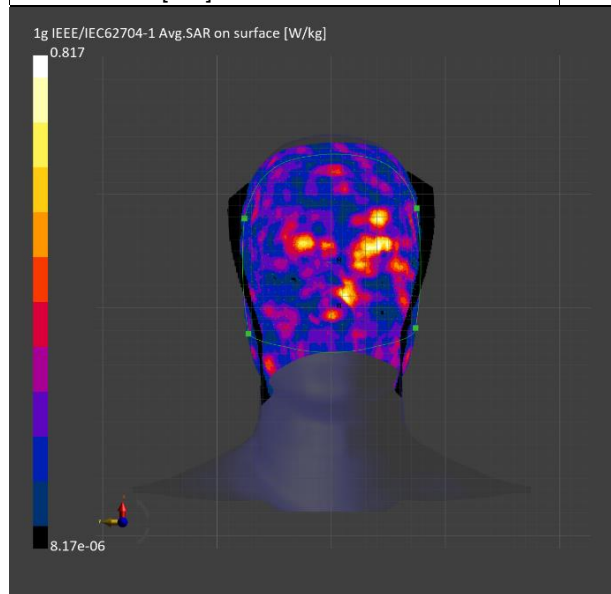
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-12-01	2025-12-01
psSAR1g [W/kg]	0.251	0.198
psSAR10g [W/kg]	0.115	0.154
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		74.5
Dist 3dB Peak [mm]		7.3



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ID: 033

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.8G_Head_Face Down_CH 151_0mm_Ant 2

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	Face Down, 0.00	5755.0, 151	5.15	5.288	35.584

Hardware Setup

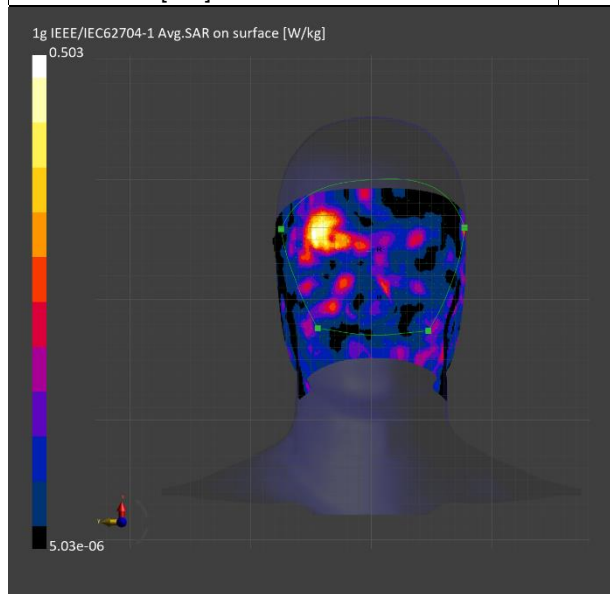
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-12-01	2025-12-01
psSAR1g [W/kg]	0.295	0.232
psSAR10g [W/kg]	0.134	0.178
Power Drift [dB]	0.00	0.00
M2/M1 [%]		61.6
Dist 3dB Peak [mm]		7.2



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Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(40M) 5.9G_Head_Face Down_CH 167_0mm_Ant 2

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	Face Down, 0.00	5835.0, 167	5.07	5.330	35.538

Hardware Setup

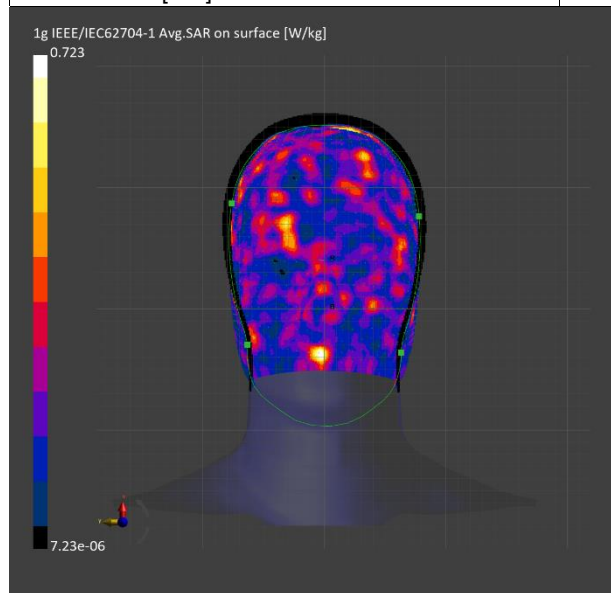
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-12-01	2025-12-01
psSAR1g [W/kg]	0.278	0.218
psSAR10g [W/kg]	0.125	0.167
Power Drift [dB]	-0.02	0.02
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		7.1



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ID: 035

Report No. :TESA2504000352E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Head_Face Down_CH 31_0mm_Ant 1

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6105.0, 31	5.34	5.641	35.091

Hardware Setup

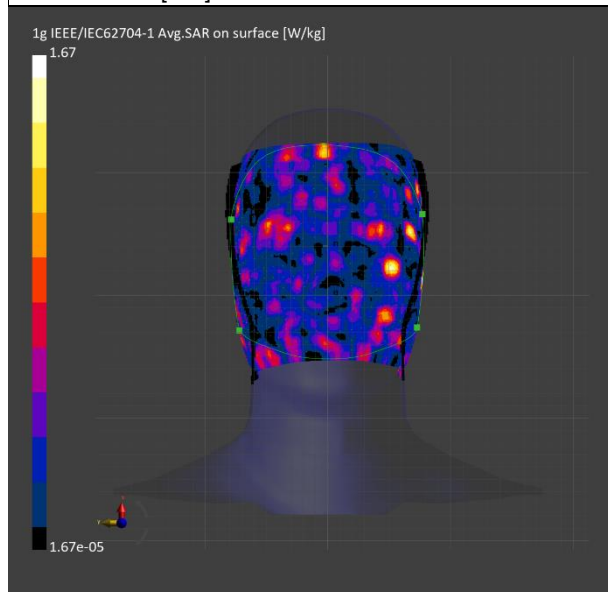
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 – SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.313	0.333
psSAR10g [W/kg]	0.053	0.063
psPDab (4.0cm2, sq) [W/m2]		2.33
Power Drift [dB]	0.00	0.01
M2/M1 [%]		70.1
Dist 3dB Peak [mm]		6.2



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ID: 036

Report No. :TESA2504000352E5

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Head_Face Down_CH 95_0mm_Ant 1

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6425.0, 95	5.34	5.979	34.707

Hardware Setup

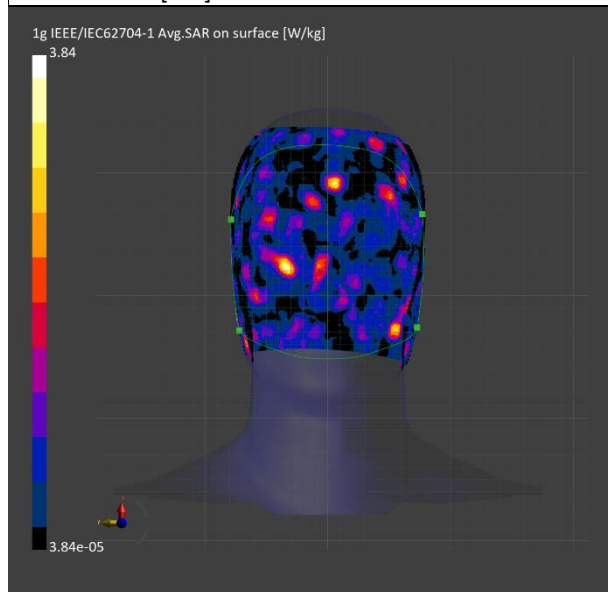
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 – SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.303	0.321
psSAR10g [W/kg]	0.055	0.061
psPDab (4.0cm2, sq) [W/m2]		2.22
Power Drift [dB]	0.00	0.02
M2/M1 [%]		53.9
Dist 3dB Peak [mm]		6.7



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ID: 037

Report No. :TESA2504000352E5

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Head_Face Down_CH 159_0mm_Ant 1

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6745.0, 159	5.34	6.321	34.323

Hardware Setup

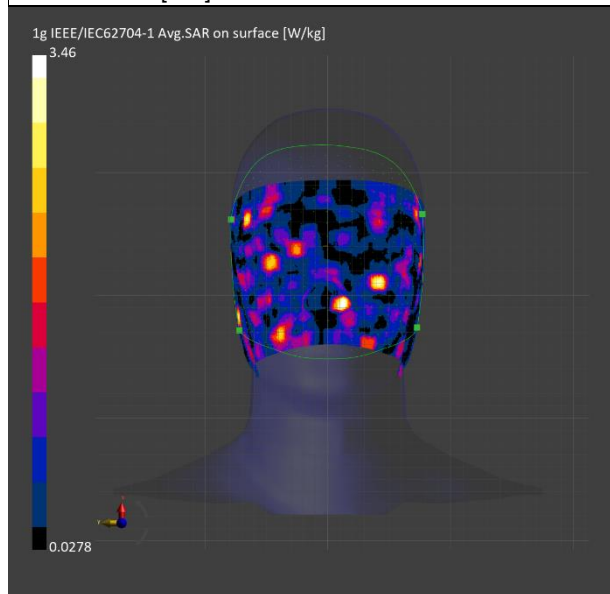
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 – SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.299	0.319
psSAR10g [W/kg]	0.051	0.061
psPDab (4.0cm2, sq) [W/m2]		2.23
Power Drift [dB]	0.01	-0.00
M2/M1 [%]		60.1
Dist 3dB Peak [mm]		5.9



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ID: 038

Report No. :TESA2504000352E5

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Head_Face Down_CH 191_0mm_Ant 1

Ambient temperature: 22.0°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6905.0, 191	5.34	6.448	33.863

Hardware Setup

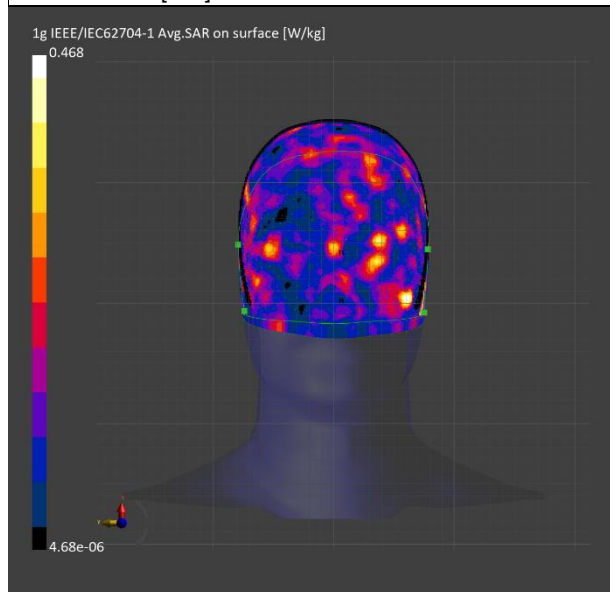
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 – SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-10-13	2025-10-13
psSAR1g [W/kg]	0.378	0.401
psSAR10g [W/kg]	0.064	0.76
psPDab (4.0cm2, sq) [W/m2]		2.49
Power Drift [dB]	-0.00	0.00
M2/M1 [%]		60.7
Dist 3dB Peak [mm]		6.5



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ID: 039

Report No. :TESA2504000352E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Head_Face Down_CH 31_0mm_Ant 2

Ambient temperature: 22.0°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6105.0, 31	5.34	5.601	34.823

Hardware Setup

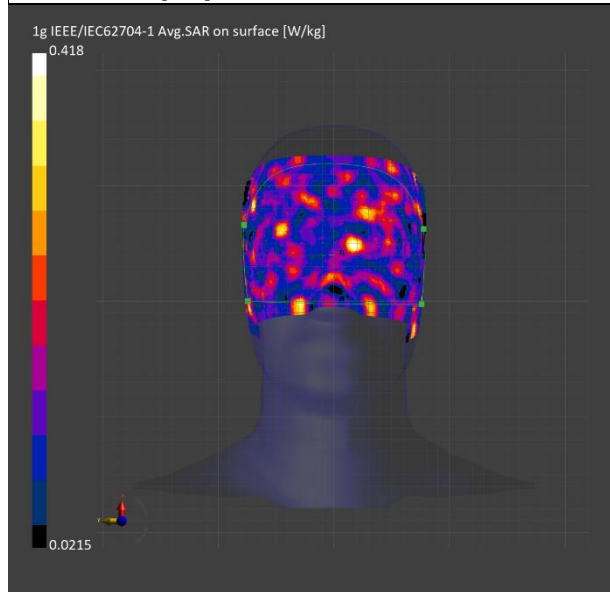
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 – SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-10-13	2025-10-13
psSAR1g [W/kg]	0.351	0.365
psSAR10g [W/kg]	0.154	0.162
psPDab (4.0cm2, sq) [W/m2]		2.25
Power Drift [dB]	-0.00	0.02
M2/M1 [%]		58.9
Dist 3dB Peak [mm]		5.6



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ID: 040

Report No. :TESA2504000352E5

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Head_Face Down_CH 95_0mm_Ant 2

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6425.0, 95	5.34	5.979	34.707

Hardware Setup

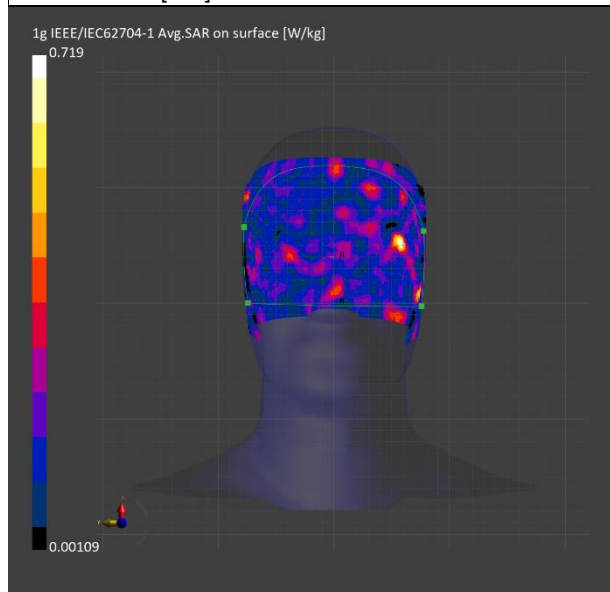
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 – SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.341	0.355
psSAR10g [W/kg]	0.149	0.158
psPDab (4.0cm2, sq) [W/m2]		2.51
Power Drift [dB]	-0.01	-0.01
M2/M1 [%]		60.1
Dist 3dB Peak [mm]		6.3



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ID: 041

Report No. :TESA2504000352E5

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Head_Face Down_CH 159_0mm_Ant 2

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6745.0, 159	5.34	6.321	34.323

Hardware Setup

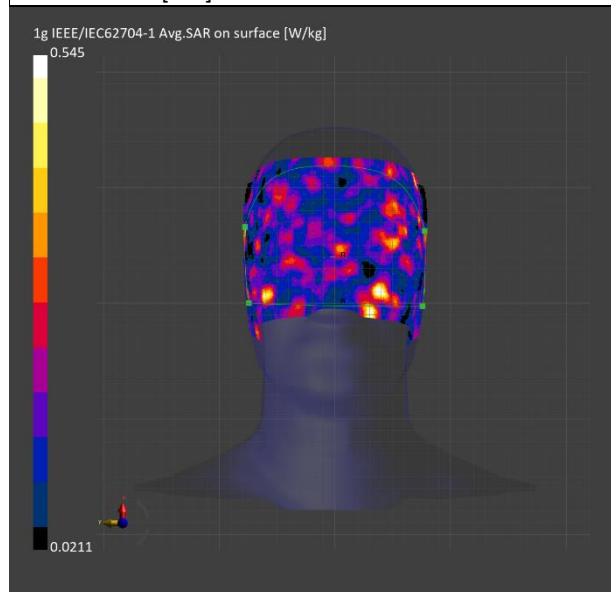
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 – SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.343	0.358
psSAR10g [W/kg]	0.151	0.158
psPDab (4.0cm2, sq) [W/m2]		2.58
Power Drift [dB]	-0.01	-0.01
M2/M1 [%]		62.4
Dist 3dB Peak [mm]		6.3



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ID: 042

Report No. :TESA2504000352E5

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Head_Face Down_CH 191_0mm_Ant 2

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6905.0, 191	5.34	6.493	34.131

Hardware Setup

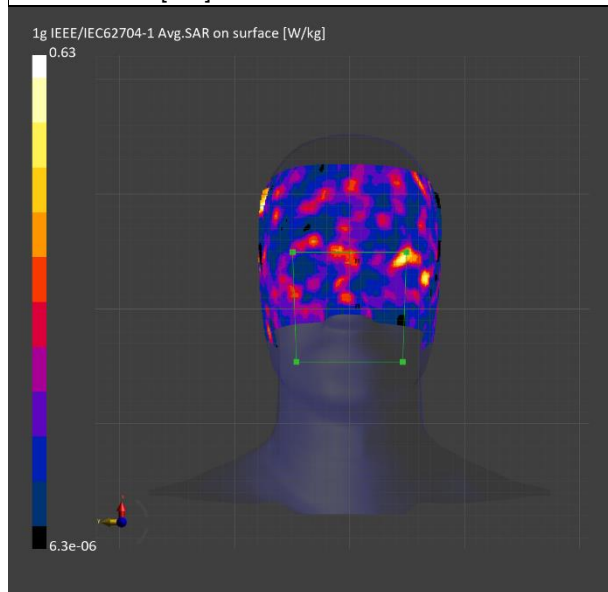
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 – SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	0.341	0.354
psSAR10g [W/kg]	0.149	0.155
psPDab (4.0cm2, sq) [W/m2]		2.66
Power Drift [dB]	-0.02	0.00
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		6.3



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ID: 051

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11b_Head_Face Down_CH 6_0mm_Ant 1

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
Facedown, HSL	Face Down, 0.00	2437.0, 6	7.60	1.864	40.023

Hardware Setup

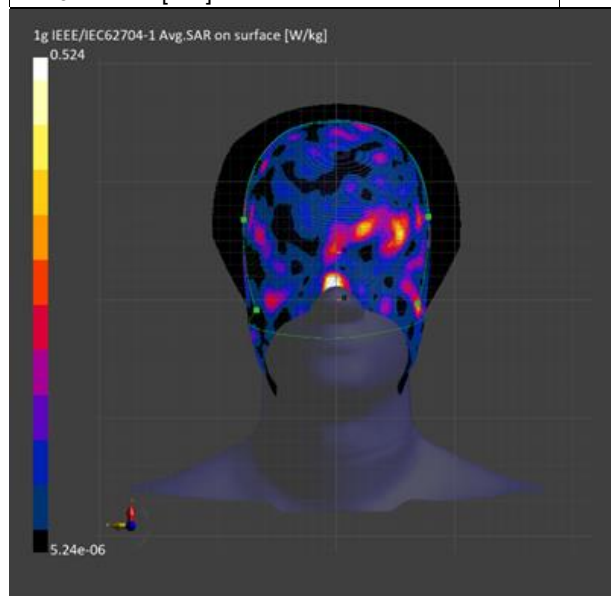
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 192.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-01	2026-02-01
psSAR1g [W/kg]	0.354	0.378
psSAR10g [W/kg]	0.166	0.189
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		7.1



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ID: 052

Report No. :TESA2504000352E5

Measurement Report_BR/EDR_Head_Face Down_CH 19_0mm_Ant 1

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
Facedown, HSL	Face Down, 0.00	2440.0, 19	7.60	1.866	40.018

Hardware Setup

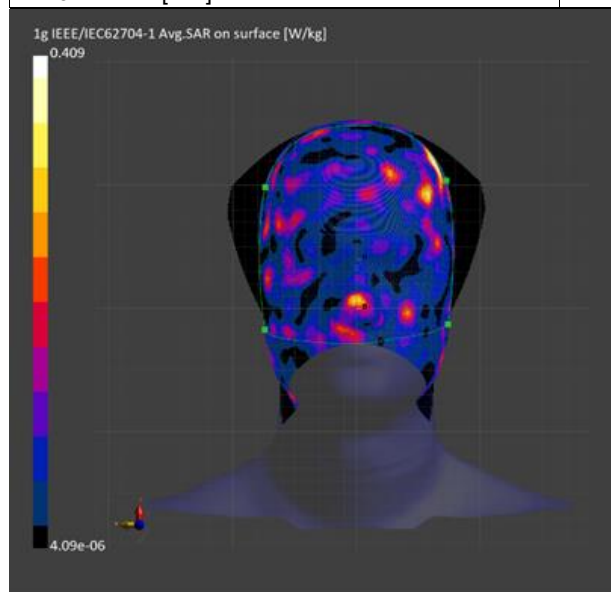
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 168.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-01	2026-02-01
psSAR1g [W/Kg]	0.149	0.244
psSAR10g [W/Kg]	0.067	0.101
Power Drift [dB]	-0.00	0.01
M2/M1 [%]		55.6
Dist 3dB Peak [mm]		6.9



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ID: 053

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.2G_Head_Face Down_CH 46_0mm_Ant 1

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5230.0, 46	5.82	4.816	36.751

Hardware Setup

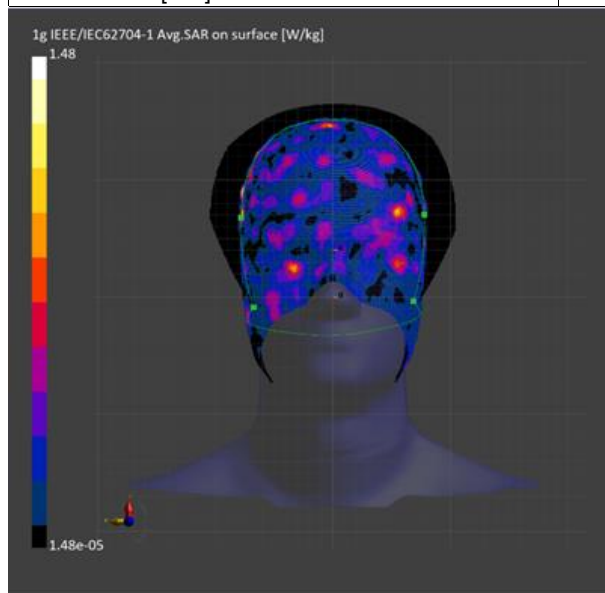
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	168.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.020	0.023
psSAR10g [W/kg]	0.005	0.010
Power Drift [dB]	0.00	.0.01
M2/M1 [%]		69.5
Dist 3dB Peak [mm]		7.4



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ID: 054

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.3G_Head_Face Down_CH 54_0mm_Ant 1

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5270.0, 54	5.82	4.858	36.706

Hardware Setup

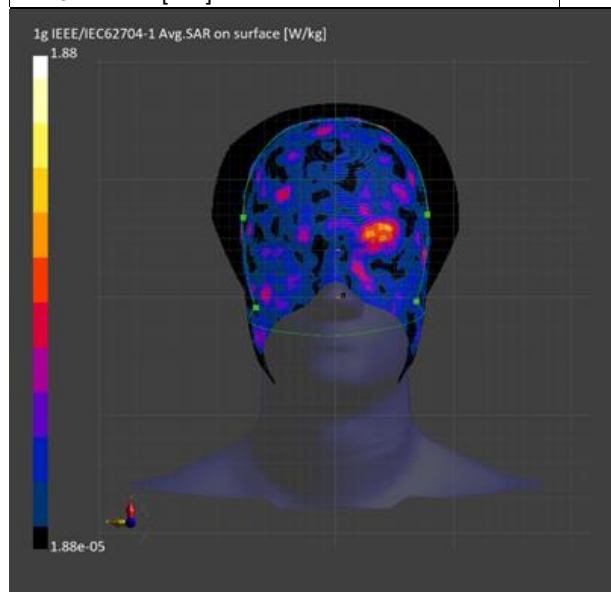
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.323	0.450
psSAR10g [W/kg]	0.121	0.141
Power Drift [dB]	0.01	-0.00
M2/M1 [%]		66.1
Dist 3dB Peak [mm]		6.9



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ID: 055

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(40M) 5.6G_Head_Face Down_CH 142_0mm_Ant 1

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5710.0, 142	5.46	5.321	35.203

Hardware Setup

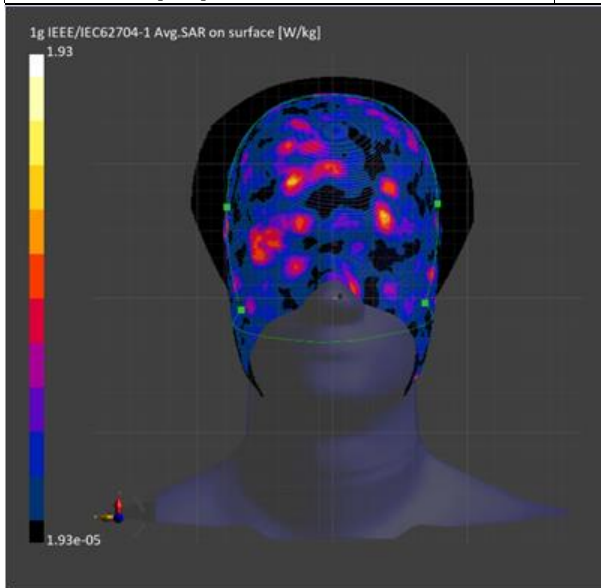
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.301	0.320
psSAR10g [W/kg]	0.089	0.102
Power Drift [dB]	0.01	-0.00
M2/M1 [%]		61.9
Dist 3dB Peak [mm]		8.2



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ID: 056

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.8G_Head_Face Down_CH 159_0mm_Ant 1

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5795.0, 159	5.49	5.410	36.106

Hardware Setup

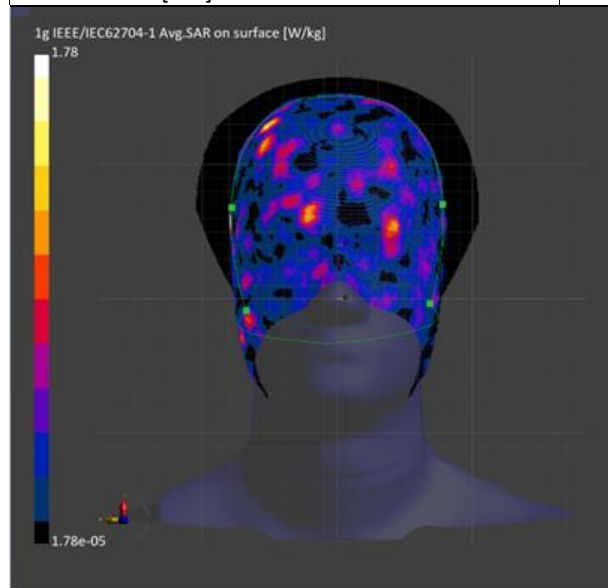
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.481	0.508
psSAR10g [W/kg]	0.125	0.161
Power Drift [dB]	0.01	-0.00
M2/M1 [%]		64.6
Dist 3dB Peak [mm]		7.2



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ID: 057

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.9G_Head_Face Down_CH 167_0mm_Ant 1

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5835.0, 167	5.49	5.452	36.060

Hardware Setup

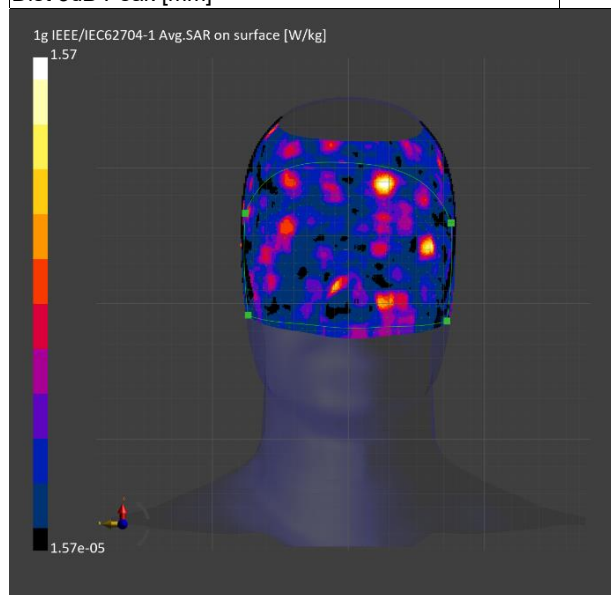
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.333	0.381
psSAR10g [W/kg]	0.085	0.101
Power Drift [dB]	0.01	0.01
M2/M1 [%]		63.2
Dist 3dB Peak [mm]		7.2



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ID: 058

Report No. : TESA2504000352E5

Measurement Report_WLAN 802.11b_Head_Face Down_CH 6_0mm_Ant 2

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
Facedown, HSL	Face Down, 0.00	2437.0, 6	7.60	1.864	40.023

Hardware Setup

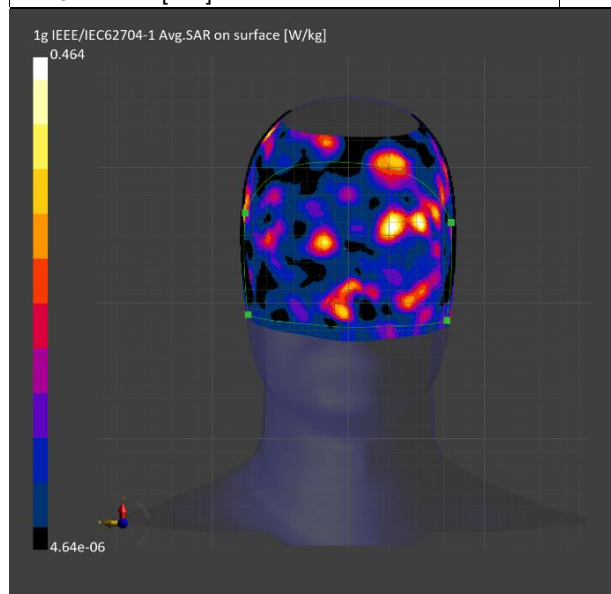
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 168.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-01	2026-02-01
psSAR1g [W/kg]	0.290	0.316
psSAR10g [W/kg]	0.079	0.109
Power Drift [dB]	-0.01	-0.00
M2/M1 [%]		60.1
Dist 3dB Peak [mm]		8.9



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ID: 059

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.2G_Head_Face Down_CH 46_0mm_Ant 2

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5230.0, 46	5.82	4.837	36.729

Hardware Setup

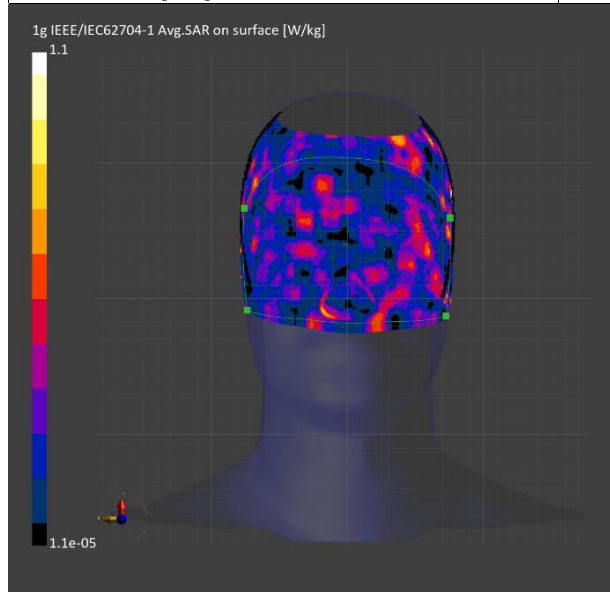
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	168.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.025	0.033
psSAR10g [W/kg]	0.010	0.014
Power Drift [dB]	0.01	0.01
M2/M1 [%]		65.0
Dist 3dB Peak [mm]		7.1



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ID: 060

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.3G_Head_Face Down_CH 54_0mm_Ant 2

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5270.0, 54	5.82	4.858	36.706

Hardware Setup

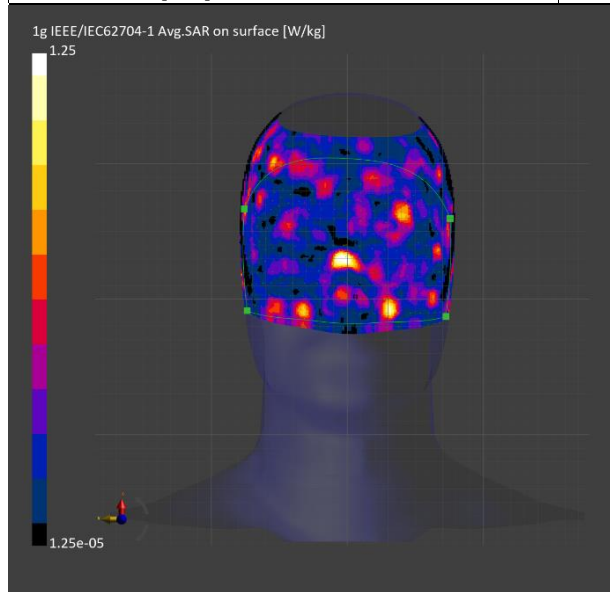
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.102	0.146
psSAR10g [W/kg]	0.045	0.079
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		61.5
Dist 3dB Peak [mm]		6.9



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ID: 061

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(80M) 5.6G_Head_Face Down_CH 138_0mm_Ant 2

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5690.0, 138	5.46	5.300	36.226

Hardware Setup

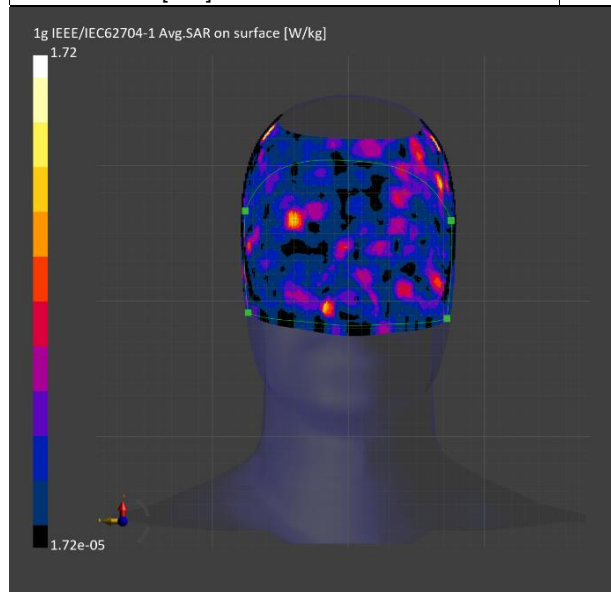
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	24.0 x 24.0 x 24.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.150	0.199
psSAR10g [W/kg]	0.074	0.102
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		60.6
Dist 3dB Peak [mm]		7.3



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ID: 062

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11n(40M) 5.8G_Head_Face Down_CH 151_0mm_Ant 2

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5755.0, 151	5.49	5.389	36.129

Hardware Setup

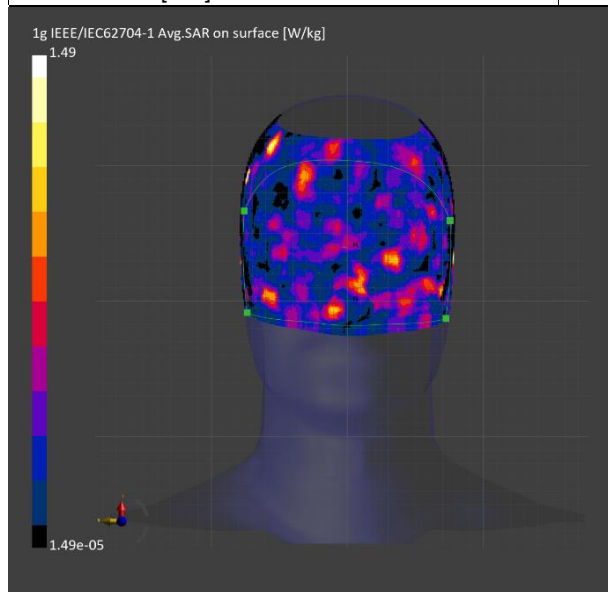
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.211	0.268
psSAR10g [W/kg]	0.039	0.069
Power Drift [dB]	0.01	-0.00
M2/M1 [%]		67.6
Dist 3dB Peak [mm]		6.1



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ID: 063

Report No. :TESA2504000352E5

Measurement Report_WLAN 802.11be(40M) 5.9G_Head_Face Down_CH 167_0mm_Ant 2

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	5835.0, 167	5.49	5.452	36.060

Hardware Setup

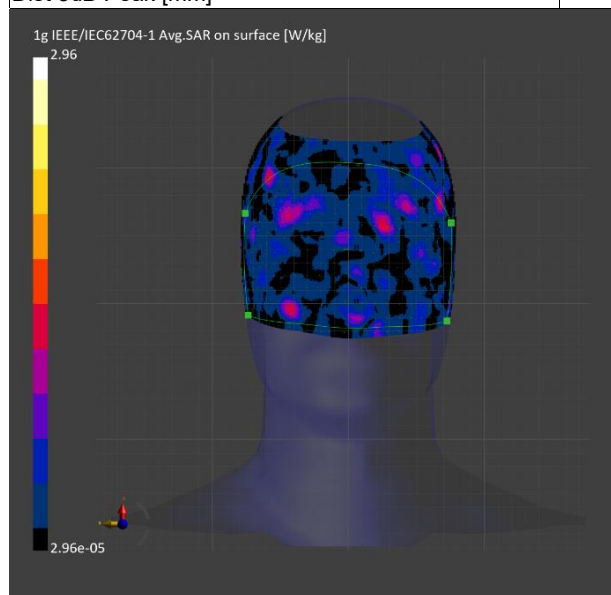
Phantom	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	230.0 x 170.0	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	3.0

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2026-02-02	2026-02-02
psSAR1g [W/kg]	0.255	0.282
psSAR10g [W/kg]	0.042	0.077
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		61.5
Dist 3dB Peak [mm]		7.1



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ID: 064

Report No. : TESA2504000352E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Head_Face Down_CH 31_0mm_Ant 1

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6105.0, 31	5.66	5.738	35.745

Hardware Setup

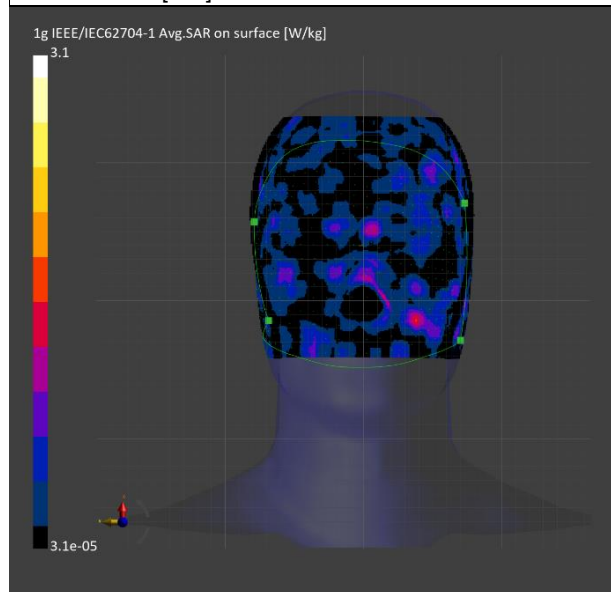
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-03	2026-02-03
psSAR1g [W/kg]	0.333	0.369
psSAR10g [W/kg]	0.044	0.057
psPDab (4.0cm2, sq) [W/m2]		2.38
Power Drift [dB]	0.02	0.01
M2/M1 [%]		65.9
Dist 3dB Peak [mm]		6.1



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ID: 065

Report No. : TESA2504000352E5

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Head_Face Down_CH 95_0mm_Ant 1

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6425.0, 95	5.66	6.081	35.361

Hardware Setup

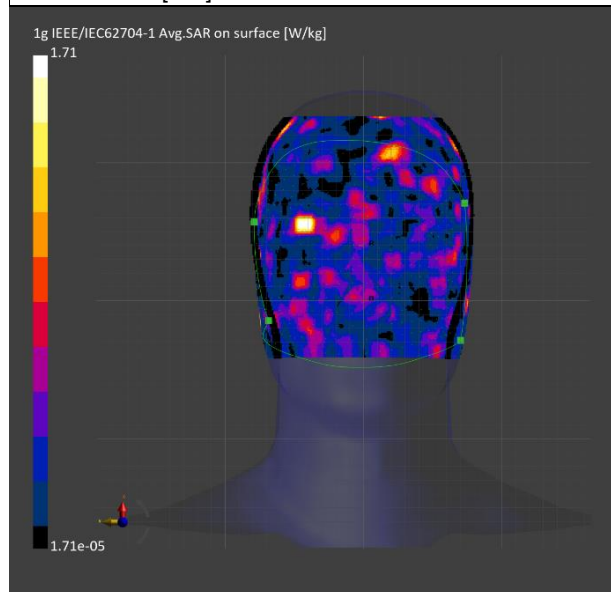
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-03	2026-02-03
psSAR1g [W/kg]	0.279	0.301
psSAR10g [W/kg]	0.039	0.050
psPDab (4.0cm2, sq) [W/m2]		1.95
Power Drift [dB]	0.01	0.01
M2/M1 [%]		56.5
Dist 3dB Peak [mm]		4.6



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ID: 066

Report No. :TESA2504000352E5

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Head_Face Down_CH 159_0mm_Ant 1

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6745.0, 159	5.66	6.428	34.977

Hardware Setup

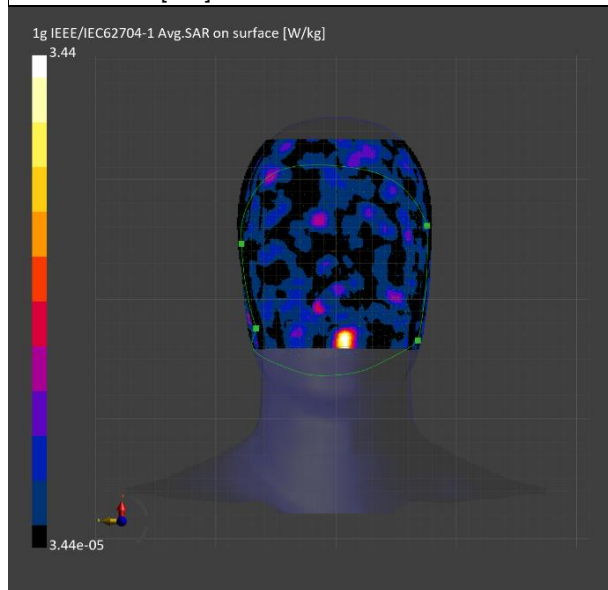
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-03	2026-02-03
psSAR1g [W/kg]	0.297	0.334
psSAR10g [W/kg]	0.033	0.045
psPDab (4.0cm2, sq) [W/m2]		2.28
Power Drift [dB]	0.01	0.01
M2/M1 [%]		58.6
Dist 3dB Peak [mm]		8.9



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ID: 067

Report No. :TESA2504000352E5

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Head_Face Down_CH 191_0mm_Ant 1

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6905.0, 191	5.81	6.603	34.785

Hardware Setup

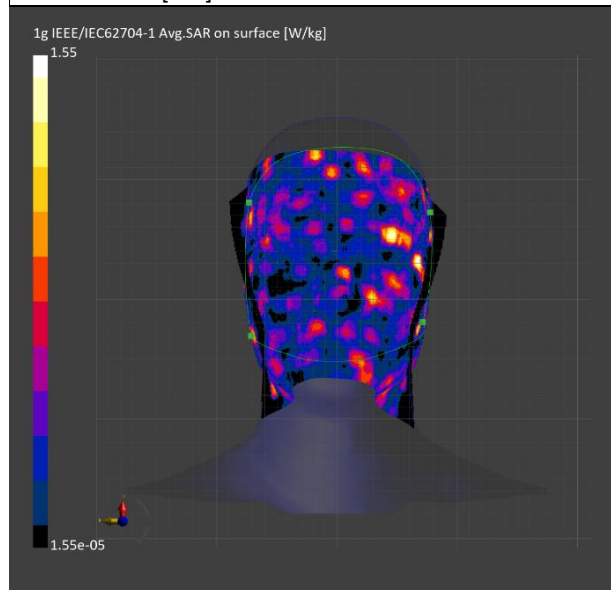
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-03	2026-02-03
psSAR1g [W/kg]	0.382	0.413
psSAR10g [W/kg]	0.049	0.060
psPDab (4.0cm2, sq) [W/m2]		2.59
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		61.8
Dist 3dB Peak [mm]		5.3



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ID: 068

Report No. :TESA2504000352E5

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Head_Face Down_CH 31_0mm_Ant 2

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6105.0, 31	5.66	5.738	35.748

Hardware Setup

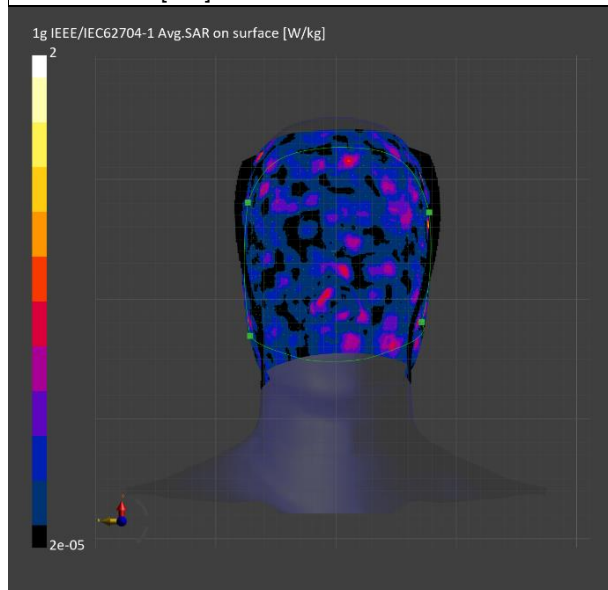
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-03	2026-02-03
psSAR1g [W/kg]	0.311	0.369
psSAR10g [W/kg]	0.043	0.059
psPDab (4.0cm2, sq) [W/m2]		2.22
Power Drift [dB]	0.02	0.01
M2/M1 [%]		58.9
Dist 3dB Peak [mm]		6.7



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ID: 069

Report No. :TESA2504000352E5

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Head_Face Down_CH 95_0mm_Ant 2

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6425.0, 95	5.66	6.081	35.361

Hardware Setup

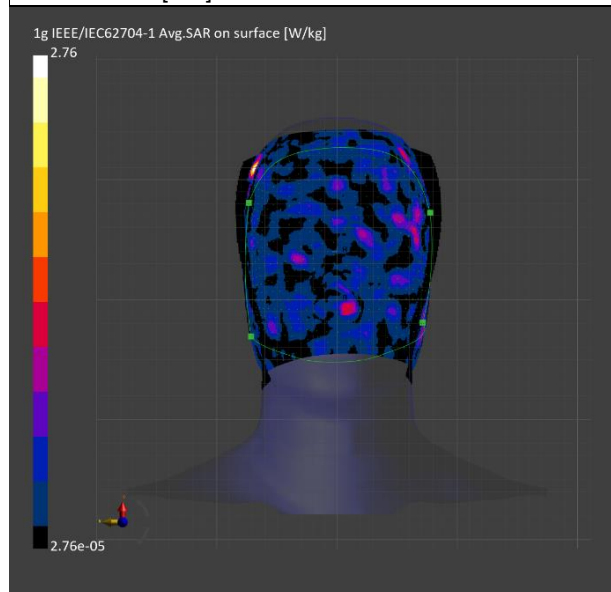
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-03	2026-02-03
psSAR1g [W/kg]	0.321	0.368
psSAR10g [W/kg]	0.040	0.047
psPDab (4.0cm2, sq) [W/m2]		2.24
Power Drift [dB]	0.01	0.01
M2/M1 [%]		61.0
Dist 3dB Peak [mm]		5.9



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ID: 070

Report No. :TESA2504000352E5

Measurement Report_U-NII-7 6.7GHz 802.11be(320M)_Head_Face Down_CH 159_0mm_Ant 2

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6745.0, 159	5.66	6.428	34.977

Hardware Setup

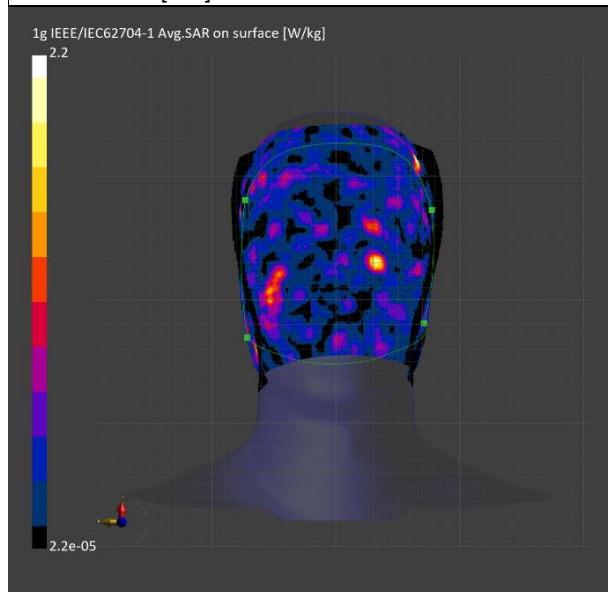
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-03	2026-02-03
psSAR1g [W/kg]	0.334	0.362
psSAR10g [W/kg]	0.030	0.038
psPDab (4.0cm2, sq) [W/m2]		2.11
Power Drift [dB]	0.00	0.00
M2/M1 [%]		58.2
Dist 3dB Peak [mm]		6.1



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ID: 071

Report No. :TESA2504000352E5

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Head_Face Down_CH 191_0mm_Ant 2

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	Face Down, 0.00	6905.0, 191	5.81	6.603	34.785

Hardware Setup

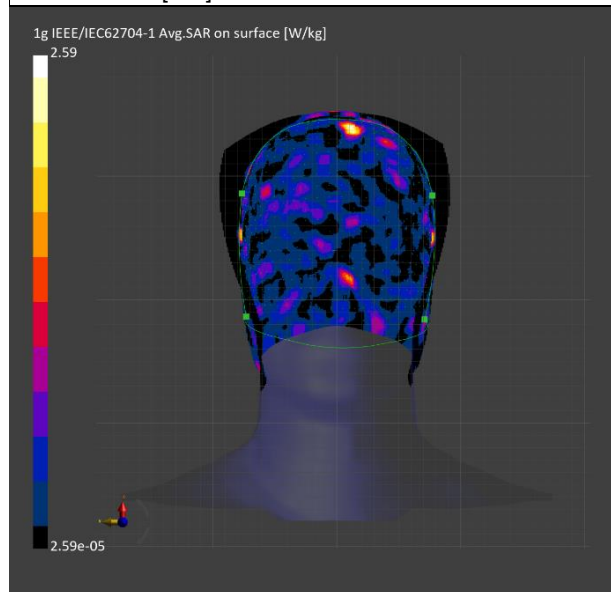
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVoiume Scan	Zoom Scan
Grid Extents [mm]	212.5 x 170.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-03	2026-02-03
psSAR1g [W/kg]	0.319	0.359
psSAR10g [W/kg]	0.038	0.047
psPDab (4.0cm2, sq) [W/m2]		2.66
Power Drift [dB]	0.01	0.01
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		6.8



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ID: 072

Report No. : TESA2504000352E5

Measurement Report_BLE_1M_Head_Face Down_CH 00_0mm_Ant 1

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
Facedown, HSL	Face Down, 0.00	2402.0, 00	7.60	1.833	40.085

Hardware Setup

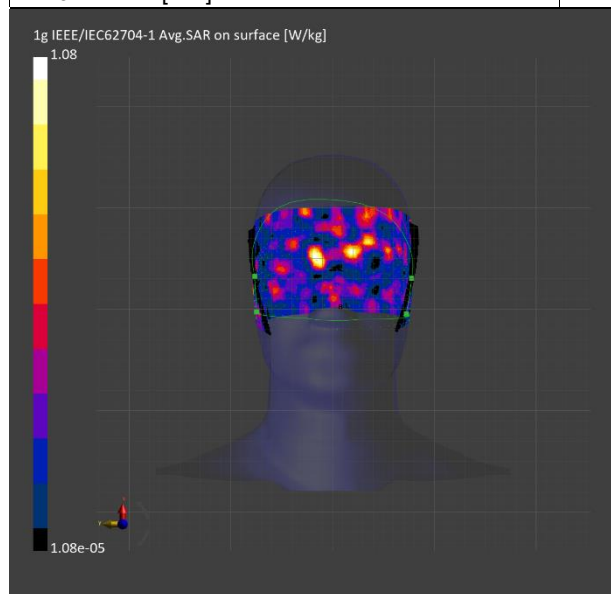
Phantom	Probe, Calibration Date	DAE, Calibration Date
FaceDown V10.0 - 1047	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	216.0 x 168.0	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	3.0

Measurement Results

	FastVoiume Scan	Zoom Scan
Date	2026-02-01	2026-02-01
psSAR1g [W/kg]	0.003	0.007
psSAR10g [W/kg]	0.001	0.002
Power Drift [dB]	0.00	-0.01
M2/M1 [%]		65.3
Dist 3dB Peak [mm]		6.6



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13 PD MEASUREMENT RESULTS

ID: 043

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-5

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 31 (6105.0MHz)_Ant 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

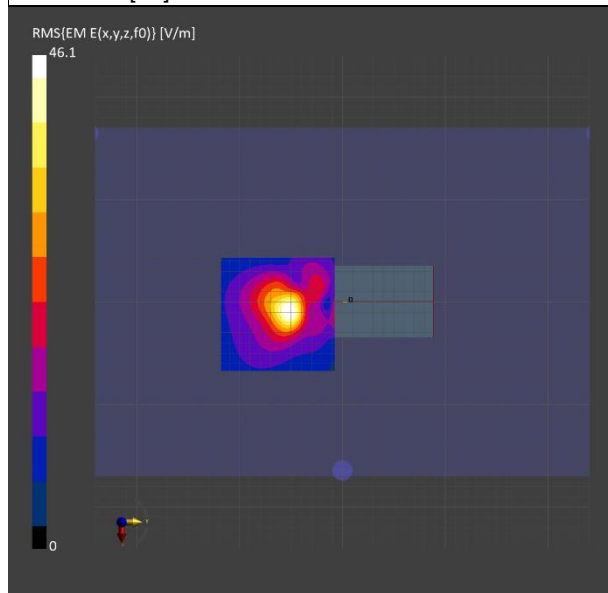
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-09-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.28
psPDtot+ [W/m ²]	4.08
psPDmod+ [W/m ²]	4.24
E _{max} [V/m]	62.8
Power Drift [dB]	0.05



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ID: 044

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-6

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 95 (6425.0MHz)_Ant 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

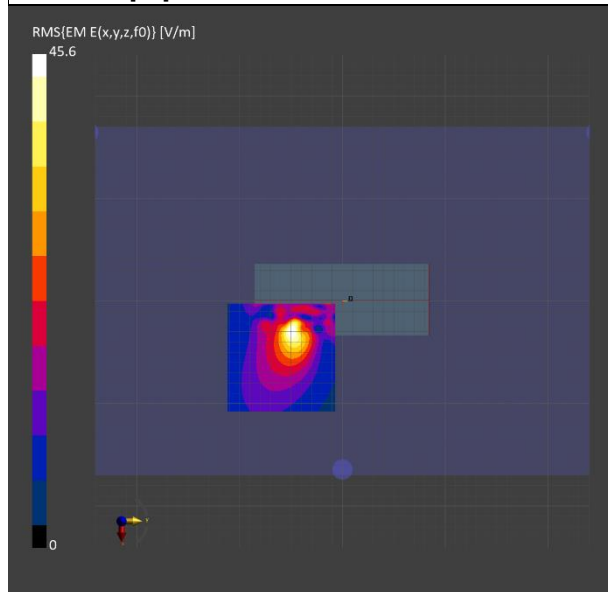
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-09-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.21
psPDtot+ [W/m ²]	3.97
psPDmod+ [W/m ²]	4.10
E _{max} [V/m]	54.0
Power Drift [dB]	-0.04



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ID: 045

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-7

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 159 (6745.0MHz)_Ant 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

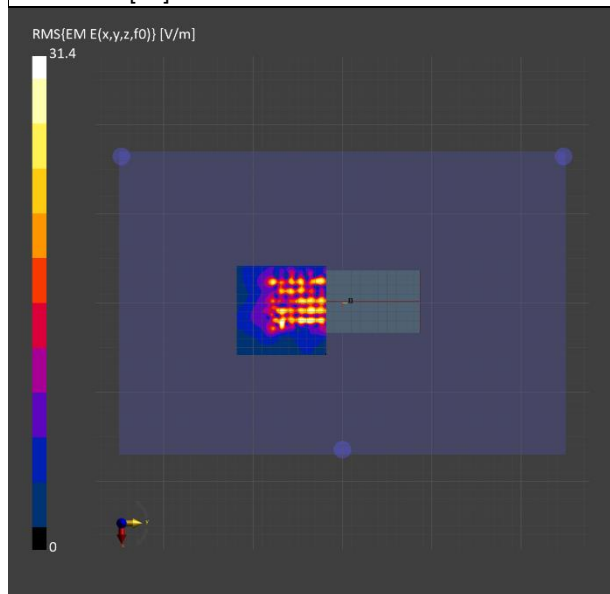
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-09-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.38
psPDtot+ [W/m ²]	3.10
psPDmod+ [W/m ²]	3.17
E _{max} [V/m]	67.6
Power Drift [dB]	0.04



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ID: 046

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-8

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 191 (6905.0MHz)_Ant 1

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

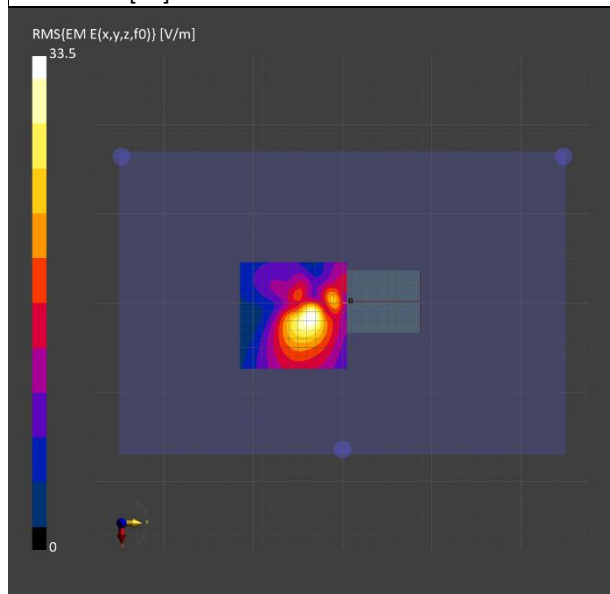
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-10-14
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.71
psPDtot+ [W/m ²]	5.78
psPDmod+ [W/m ²]	4.31
E _{max} [V/m]	55.5
Power Drift [dB]	0.05



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ID: 047

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-5

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 31 (6105.0MHz)_Ant 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

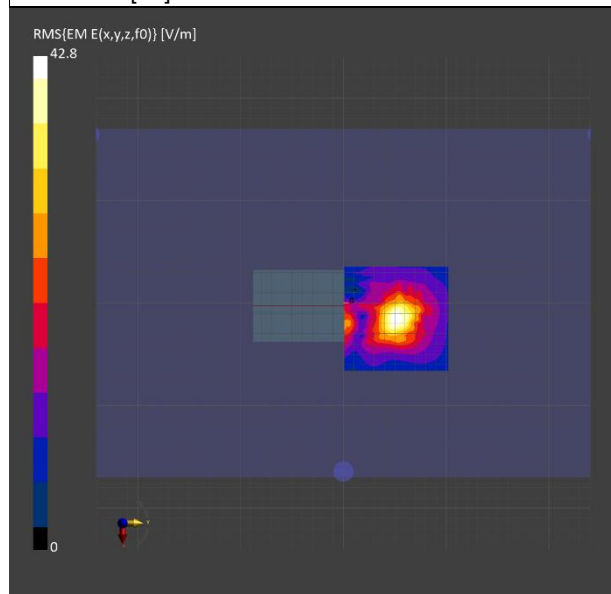
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-10-14
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.98
psPDtot+ [W/m ²]	5.74
psPDmod+ [W/m ²]	5.09
E _{max} [V/m]	66.1
Power Drift [dB]	0.04



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ID: 048

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-6

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 95 (6425.0MHz)_Ant 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

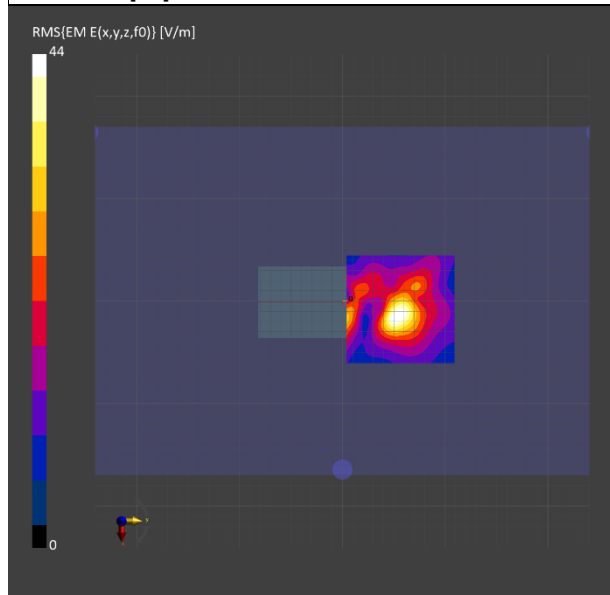
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-09-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.81
psPDtot+ [W/m ²]	3.63
psPDmod+ [W/m ²]	4.01
E _{max} [V/m]	55.6
Power Drift [dB]	0.04



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ID: 049

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-7

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 159 (6745.0MHz)_Ant 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

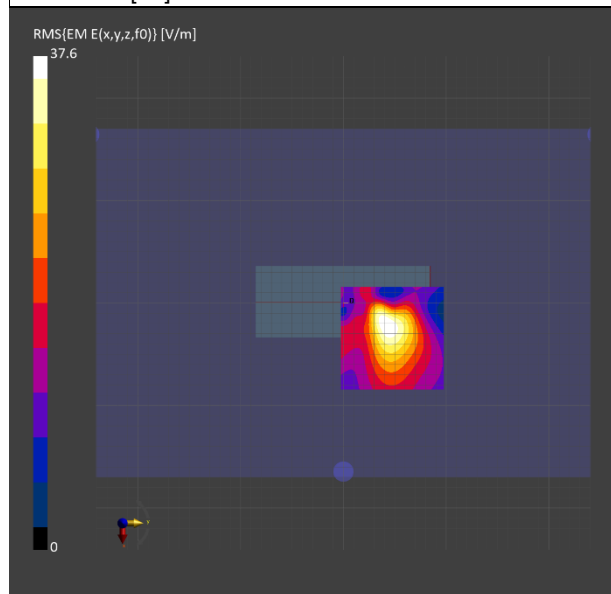
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-09-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.12
psPDtot+ [W/m ²]	2.98
psPDmod+ [W/m ²]	3.23
E _{max} [V/m]	61.4
Power Drift [dB]	0.03



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ID: 050

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-8

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 191 (6905.0MHz)_Ant 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

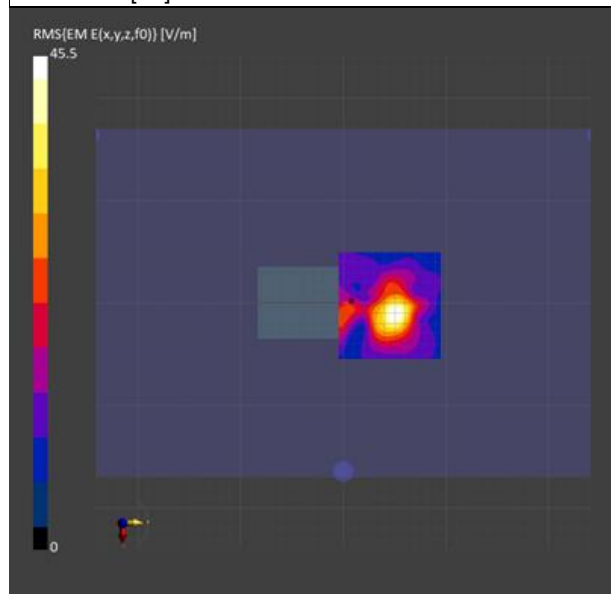
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-09-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.39
psPDtot+ [W/m ²]	2.11
psPDmod+ [W/m ²]	2.35
E _{max} [V/m]	63.5
Power Drift [dB]	-0.04



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ID: 073

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-8

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 191 (6905.0MHz)_Ant 1

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	EDGE TOP, 2.00	1.0

Hardware Setup

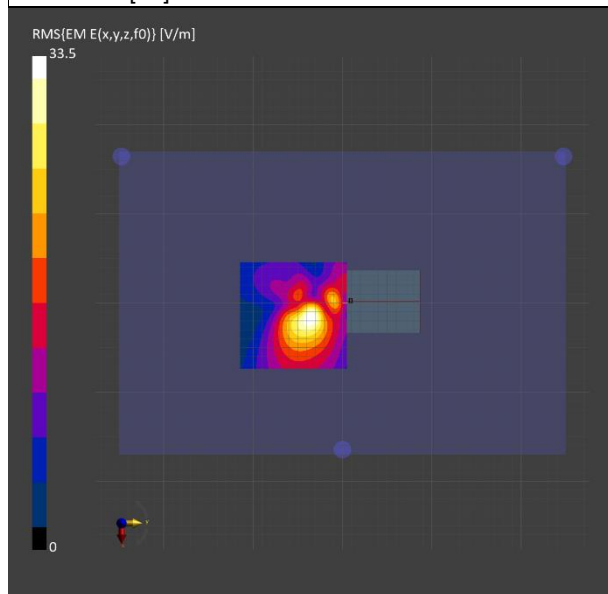
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9616_F1-55GHz, 2026-03-13	DAE4 Sn1260, 2025-09-28

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	2026-02-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.65
psPDtot+ [W/m ²]	4.15
psPDmod+ [W/m ²]	4.31
E _{max} [V/m]	45.5
Power Drift [dB]	0.01



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ID: 074

Report No. : TESA2504000352E5

Measurement Report_Top Edge,U-NII-5

IEEE 802.11be (320MHz, MCS0, 90pc duty cycle), Channel 31 (6105.0MHz)_Ant 2

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor
5G	EDGE TOP, 2.00	1.0

Hardware Setup

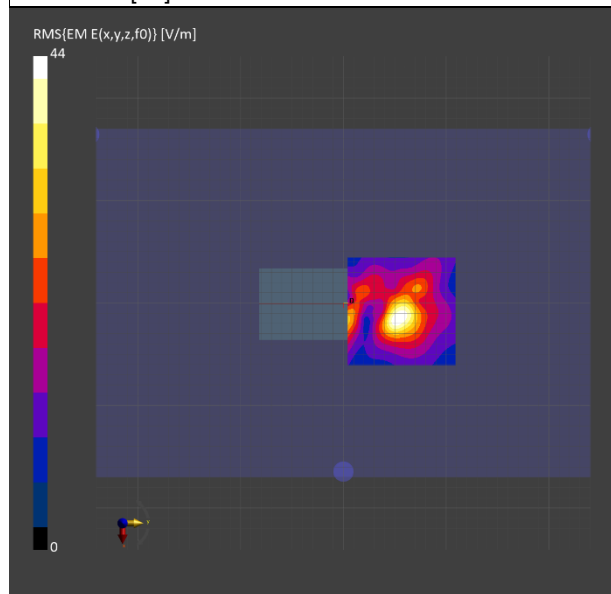
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9616_F1-55GHz, 2026-03-13	DAE4 Sn1260, 2025-09-28

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	2026-02-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.38
psPDtot+ [W/m ²]	4.10
psPDmod+ [W/m ²]	4.22
E _{max} [V/m]	44.6
Power Drift [dB]	0.01



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14 SAR SYSTEM CHECK RESULTS

Report No. : TESA2504000352E5

Measurement Report

Dipole 2450 MHz_SN:727

Ambient temperature: 22.2°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	7.38	1.847	39.346

Hardware Setup

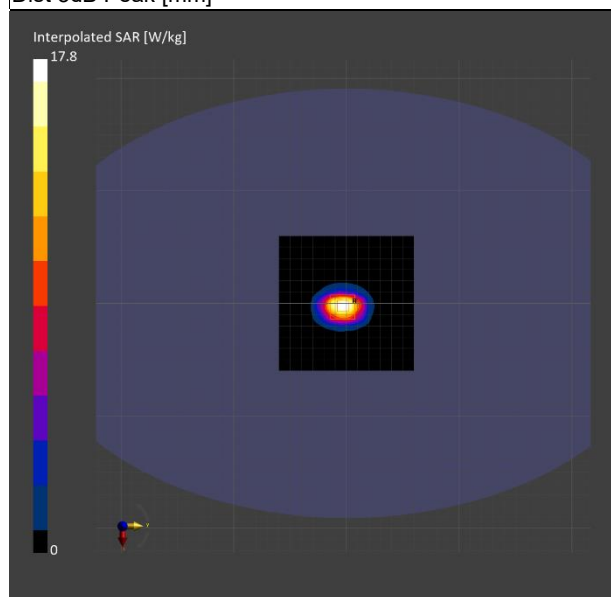
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-05	2025-09-05
psSAR1g [W/kg]	14.0	14.1
psSAR8g [W/kg]	7.29	7.36
psSAR10g [W/kg]	6.59	6.68
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		52.5
Dist 3dB Peak [mm]		9.0



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5250 MHz, SN:1349

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.52	4.754	36.075

Hardware Setup

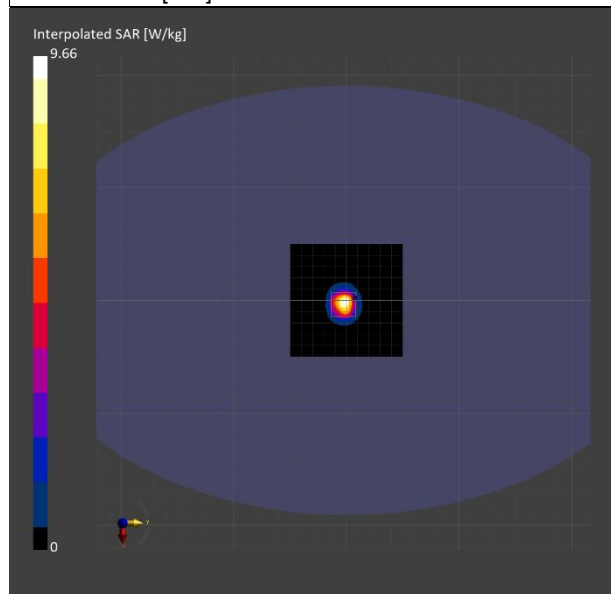
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-07	2025-09-07
psSAR1g [W/kg]	6.55	7.78
psSAR8g [W/kg]	2.36	2.57
psSAR10g [W/kg]	2.04	2.18
Power Drift [dB]	-0.03	-0.01
M2/M1 [%]		63.1
Dist 3dB Peak [mm]		7.4



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5600 MHz, SN:1349

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.16	5.116	35.675

Hardware Setup

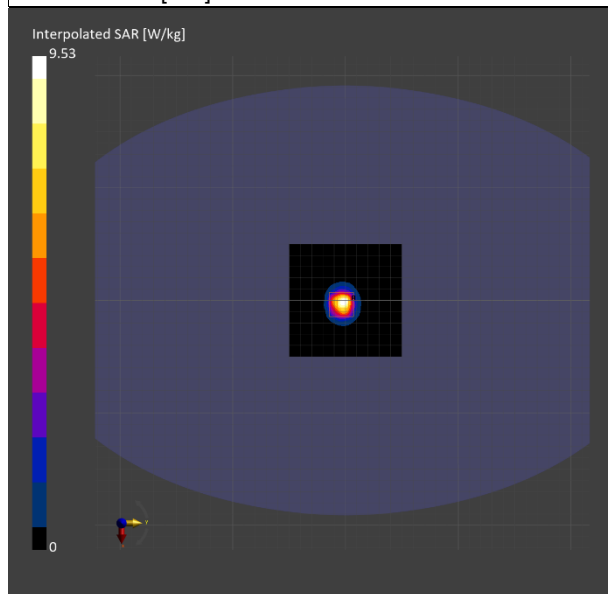
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-07	2025-09-07
psSAR1g [W/kg]	6.61	7.87
psSAR8g [W/kg]	2.37	2.60
psSAR10g [W/kg]	2.05	2.21
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		7.4



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5750 MHz, SN:1349

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.15	5.271	35.503

Hardware Setup

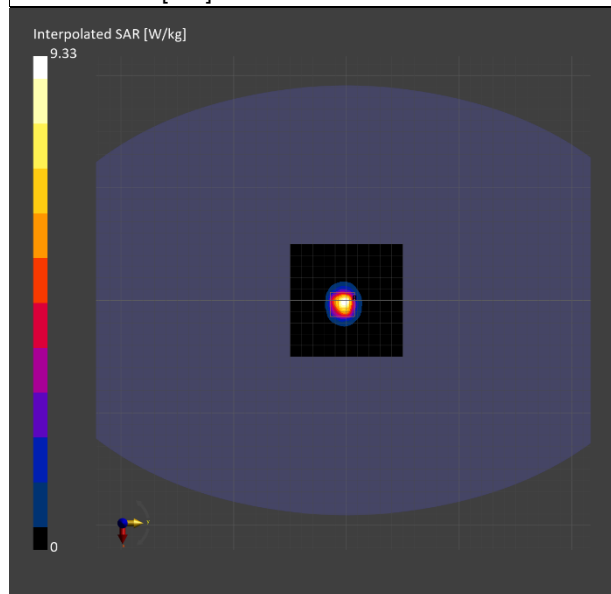
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-07	2025-09-07
psSAR1g [W/kg]	6.49	7.72
psSAR8g [W/kg]	2.31	2.53
psSAR10g [W/kg]	2.00	2.14
Power Drift [dB]	-0.03	-0.01
M2/M1 [%]		58.6
Dist 3dB Peak [mm]		7.4



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5850 MHz_SN:1349

Ambient temperature: 22.0°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.07	5.375	35.389

Hardware Setup

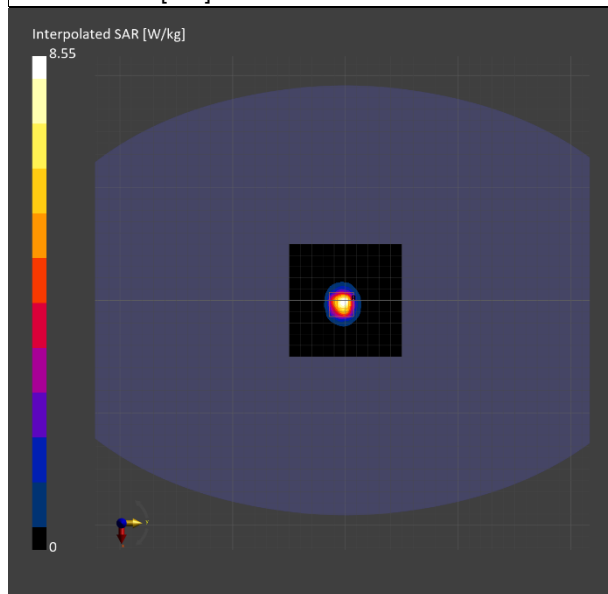
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-07	2025-09-07
psSAR1g [W/kg]	7.01	7.33
psSAR8g [W/kg]	2.14	2.39
psSAR10g [W/kg]	1.85	2.11
Power Drift [dB]	-0.04	0.01
M2/M1 [%]		58.1
Dist 3dB Peak [mm]		7.6



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Report No. : TESA2504000352E5

Measurement Report

Dipole 2450 MHz, SN:727

Ambient temperature: 22.5°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	7.38	1.835	39..78

Hardware Setup

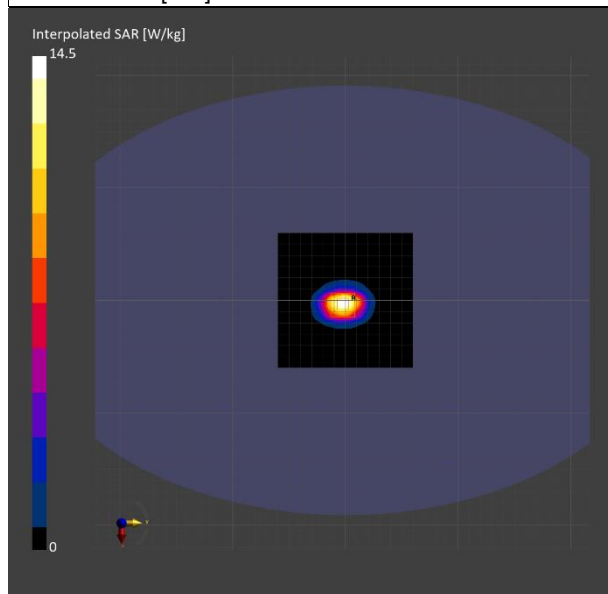
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-10-12	2025-10-12
psSAR1g [W/kg]	11.4	12.2
psSAR8g [W/kg]	6.09	6.37
psSAR10g [W/kg]	5.53	5.78
Power Drift [dB]	-0.01	-0.00
M2/M1 [%]		62.1
Dist 3dB Peak [mm]		8.1



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5250 MHz, SN:1349

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.52	4.719	35.807

Hardware Setup

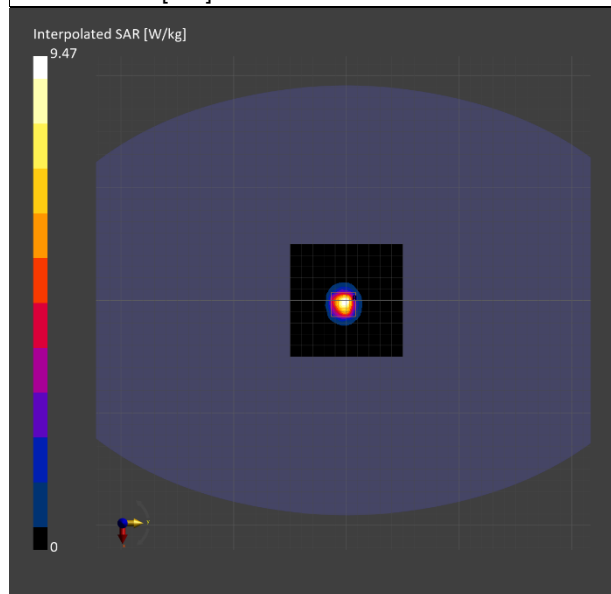
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-08	2025-09-08
psSAR1g [W/kg]	6.45	7.59
psSAR8g [W/kg]	2.39	2.51
psSAR10g [W/kg]	2.02	2.13
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		63.3
Dist 3dB Peak [mm]		7.9



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5600 MHz, SN:1349

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.16	5.080	35.407

Hardware Setup

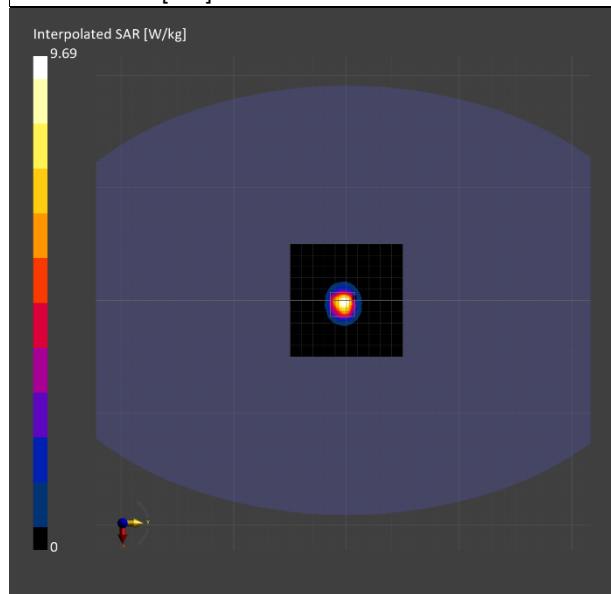
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-08	2025-09-08
psSAR1g [W/kg]	7.72	7.99
psSAR8g [W/kg]	2.45	2.64
psSAR10g [W/kg]	2.11	2.25
Power Drift [dB]	-0.01	0.02
M2/M1 [%]		63.1
Dist 3dB Peak [mm]		7.6



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Member of SGS Group

Report No. : TESA2504000352E5

Measurement Report

Dipole 5750 MHz, SN:1349

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.15	5.234	35.235

Hardware Setup

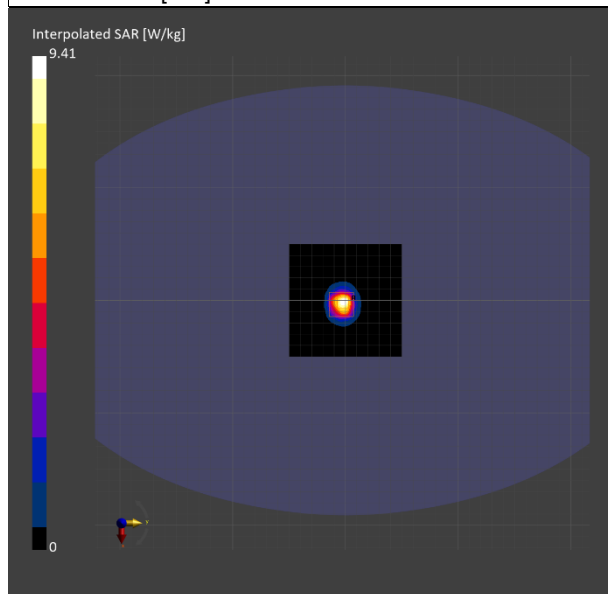
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-08	2025-09-08
psSAR1g [W/kg]	6.66	7.83
psSAR8g [W/kg]	2.24	2.57
psSAR10g [W/kg]	2.11	2.17
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		68.2
Dist 3dB Peak [mm]		7.5



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5850 MHz, SN:1349

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.07	5.337	35.121

Hardware Setup

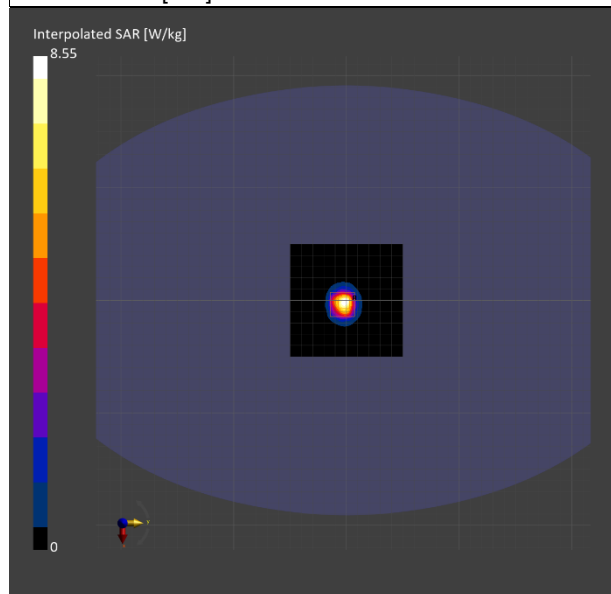
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-08	2025-09-08
psSAR1g [W/kg]	7.09	7.35
psSAR8g [W/kg]	2.09	2.41
psSAR10g [W/kg]	1.81	2.15
Power Drift [dB]	-0.03	0.01
M2/M1 [%]		59.9
Dist 3dB Peak [mm]		8.6



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5600 MHz, SN:1349

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	5.16	5.128	35.761

Hardware Setup

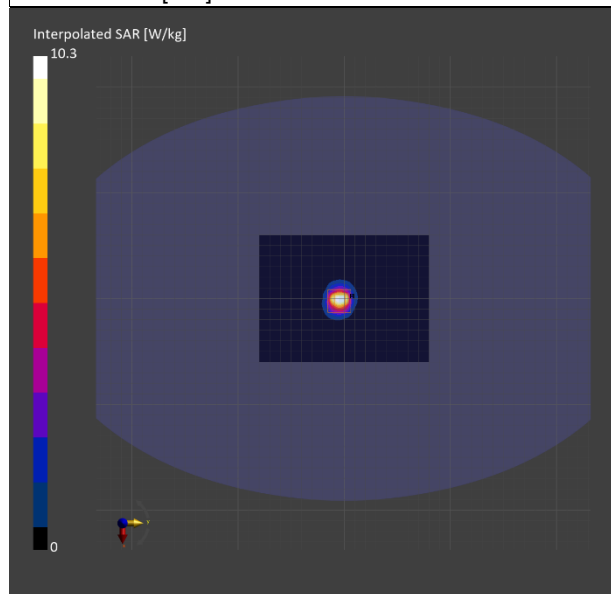
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-12-01	2025-12-01
psSAR1g [W/kg]	7.88	8.11
psSAR8g [W/kg]	2.47	2.71
psSAR10g [W/kg]	2.16	2.37
Power Drift [dB]	-0.01	0.01
M2/M1 [%]		53.1
Dist 3dB Peak [mm]		8.6



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5750 MHz, SN:1349

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	5.15	5.283	35.589

Hardware Setup

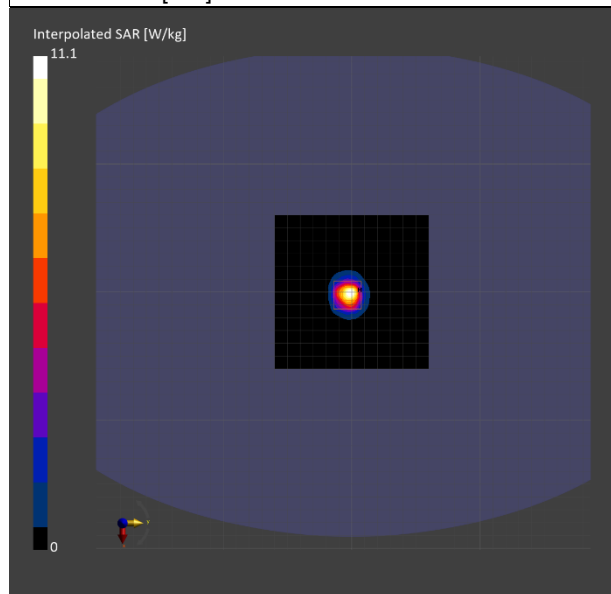
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-12-01	2025-12-01
psSAR1g [W/kg]	8.06	8.22
psSAR8g [W/kg]	2.31	2.69
psSAR10g [W/kg]	2.19	2.39
Power Drift [dB]	0.01	0.01
M2/M1 [%]		58.1
Dist 3dB Peak [mm]		7.9



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Report No. : TESA2504000352E5

Measurement Report

Dipole 5850 MHz, SN:1349

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	5.07	5.335	35.532

Hardware Setup

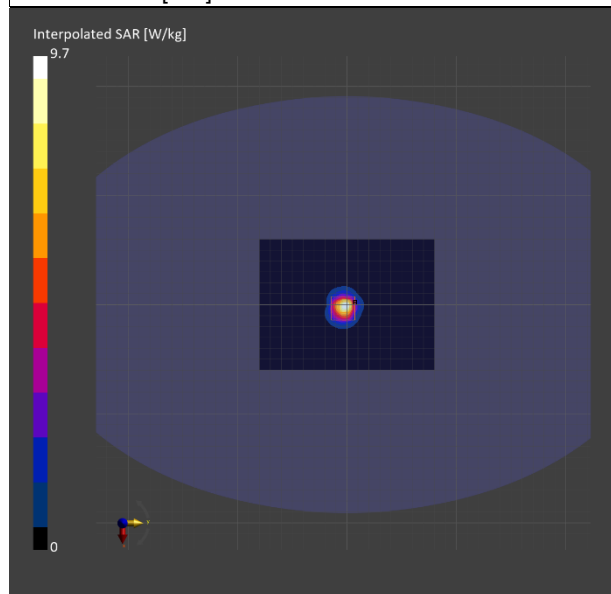
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-12-01	2025-12-01
psSAR1g [W/kg]	7.23	7.79
psSAR8g [W/kg]	2.25	2.50
psSAR10g [W/kg]	2.06	2.35
Power Drift [dB]	0.01	0.01
M2/M1 [%]		61.1
Dist 3dB Peak [mm]		8.9



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Report No. : TESA2504000352E5

Measurement Report

Dipole 6500 MHz_SN:1006

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 5.00	5.34	6.058	34.617

Hardware Setup

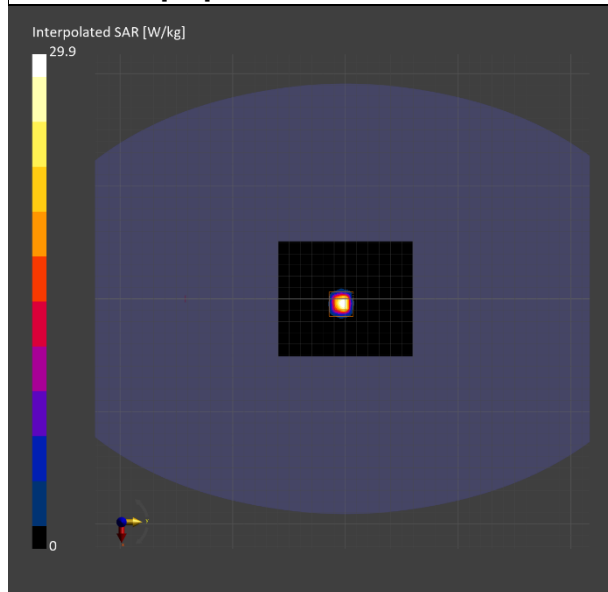
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 119.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-06	2025-09-06
psSAR1g [W/kg]	22.2	30.6
psSAR8g [W/kg]	6.30	6.98
psSAR10g [W/kg]	5.23	5.73
psPDab (4.0cm2, sq) [W/m2]		140
Power Drift [dB]	-0.05	-0.00
M2/M1 [%]		54.7
Dist 3dB Peak [mm]		4.6



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Report No. :TESA2504000352E5

Measurement Report

Dipole 7000 MHz_SN:1007

Ambient temperature: 22.3°C; Liquid temperature: 21.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.65	6.596	34.017

Hardware Setup

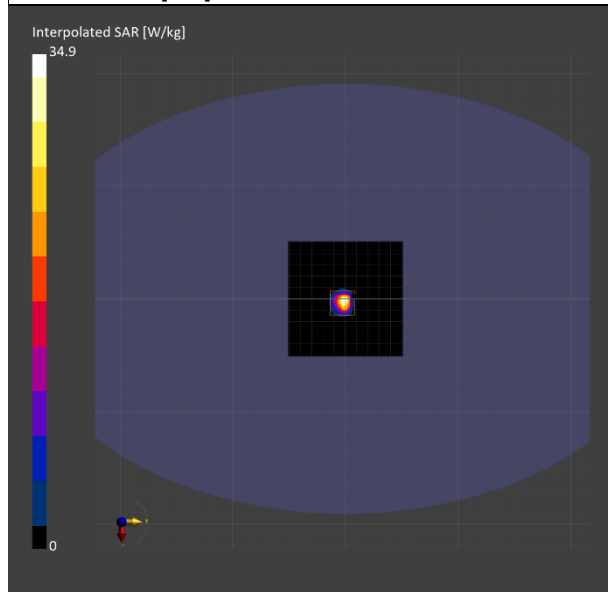
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-09-06	2025-09-06
psSAR1g [W/kg]	24.0	30.9
psSAR8g [W/kg]	6.41	6.73
psSAR10g [W/kg]	5.32	5.50
psPDab (4.0cm2, sq) [W/m2]		135
Power Drift [dB]	-0.09	-0.02
M2/M1 [%]		52.7
Dist 3dB Peak [mm]		4.6



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Report No. : TESA2504000352E5

Measurement Report

Dipole 6500 MHz SN:1006

Ambient temperature: 22.0°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 5.00	5.34	6.016	34.349

Hardware Setup

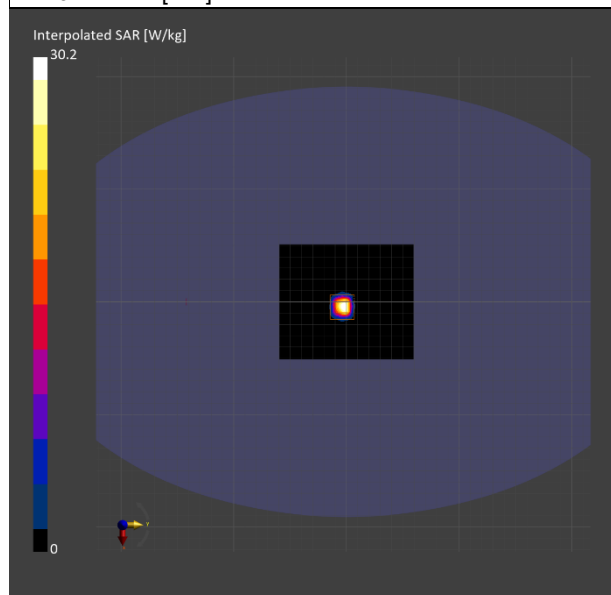
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 119.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-13	2025-10-13
psSAR1g [W/kg]	22.4	31.0
psSAR8g [W/kg]	6.37	7.07
psSAR10g [W/kg]	5.28	5.81
psPDab (4.0cm2, sq) [W/m2]		141
Power Drift [dB]	-0.01	-0.03
M2/M1 [%]		54.7
Dist 3dB Peak [mm]		4.6



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Member of SGS Group

Report No. : TESA2504000352E5

Measurement Report

Dipole 7000 MHz, SN:1007

Ambient temperature: 22.0°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.65	6.550	33.749

Hardware Setup

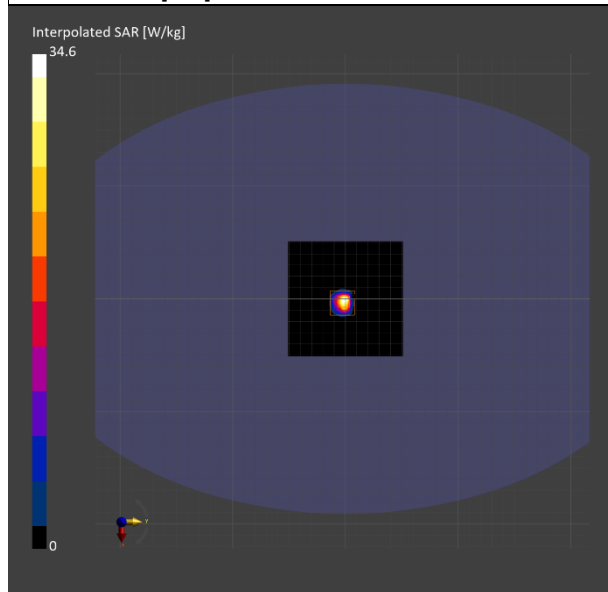
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7466, 2025-01-28	DAE4 Sn1356, 2024-12-06

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	2025-10-13	2025-10-13
psSAR1g [W/kg]	23.8	30.6
psSAR8g [W/kg]	6.34	6.66
psSAR10g [W/kg]	5.26	5.44
psPDab (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	-0.02	0.01
M2/M1 [%]		52.7
Dist 3dB Peak [mm]		4.6



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Report No. :TESA2504000352E5

Measurement Report

Dipole 2450 MHz_SN:727

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, 10.00	7.60	1.875	40.000

Hardware Setup

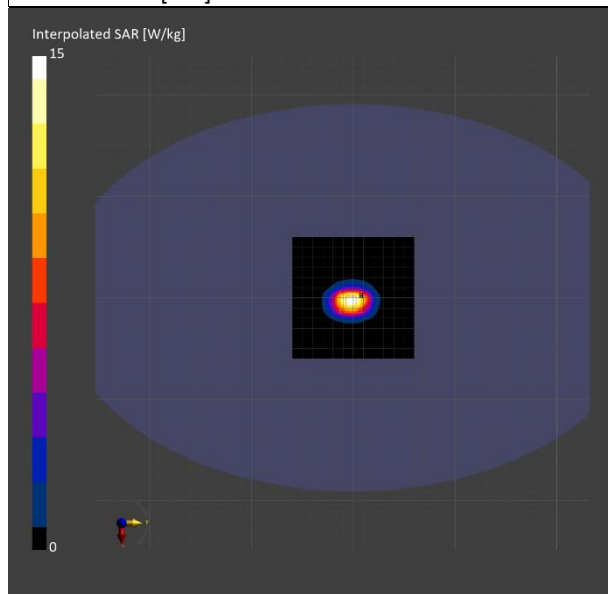
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

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	2026-02-01	2026-02-01
psSAR1g [W/kg]	11.1	12.6
psSAR8g [W/kg]	6.35	6.57
psSAR10g [W/kg]	5.55	5.97
Power Drift [dB]	-0.00	-0.00
M2/M1 [%]		52.1
Dist 3dB Peak [mm]		9.1



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Report No. :TESA2504000352E5

Measurement Report

Dipole 5250 MHz_SN:1349

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.82	4.837	36.729

Hardware Setup

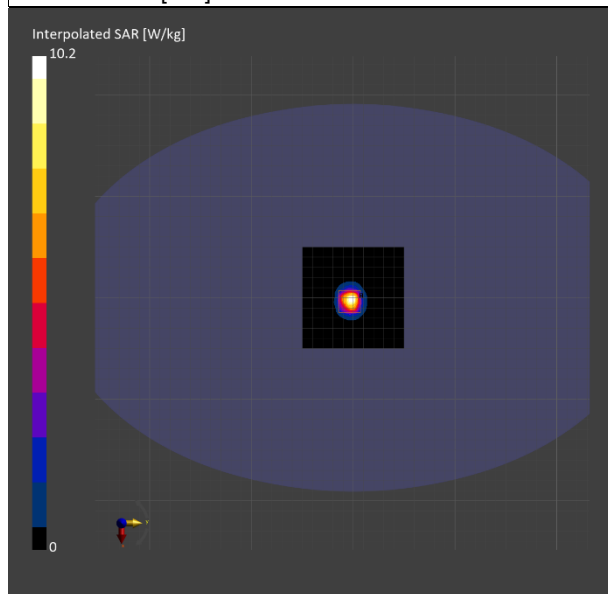
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

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	2026-02-02	2026-02-02
psSAR1g [W/kg]	7.93	8.17
psSAR8g [W/kg]	2.49	2.70
psSAR10g [W/kg]	2.15	2.29
Power Drift [dB]	0.01	-0.00
M2/M1 [%]		63.3
Dist 3dB Peak [mm]		7.4



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Report No. :TESA2504000352E5

Measurement Report

Dipole 5600 MHz_SN:1349

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.44	5.206	36.329

Hardware Setup

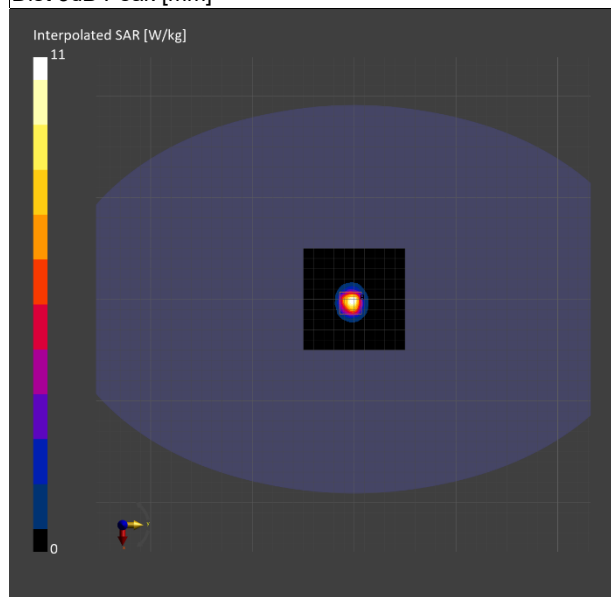
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

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	2026-02-02	2026-02-02
psSAR1g [W/kg]	8.60	9.04
psSAR8g [W/kg]	2.72	2.99
psSAR10g [W/kg]	2.36	2.53
Power Drift [dB]	-0.01	0.00
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		7.4



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Report No. :TESA2504000352E5

Measurement Report

Dipole 5750 MHz_SN:1349

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.46	5.363	36.157

Hardware Setup

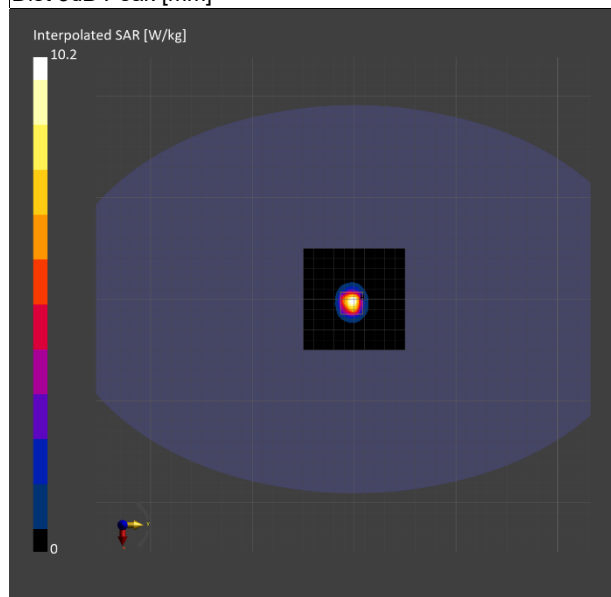
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

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	2026-02-02	2026-02-02
psSAR1g [W/kg]	7.09	8.47
psSAR8g [W/kg]	2.53	2.78
psSAR10g [W/kg]	2.19	2.36
Power Drift [dB]	-0.01	-0.01
M2/M1 [%]		59.0
Dist 3dB Peak [mm]		7.6



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Report No. :TESA2504000352E5

Measurement Report

Dipole 5850 MHz_SN:1349

Ambient temperature: 23.6°C; Liquid temperature: 22.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 10.00	5.49	5.468	36.043

Hardware Setup

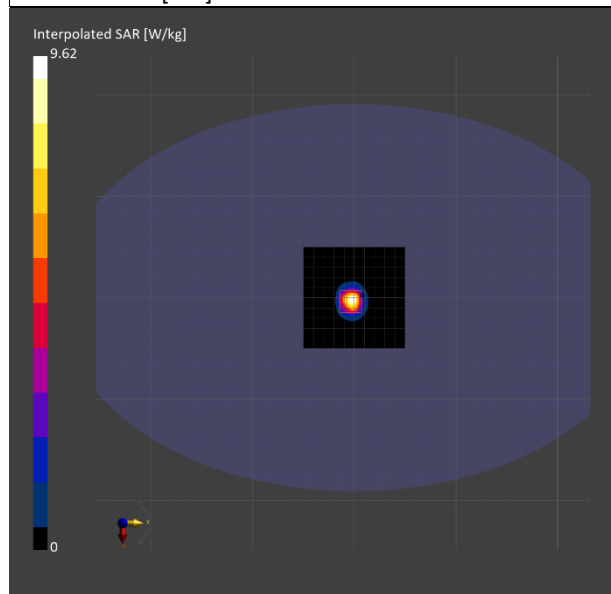
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

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	2026-02-02	2026-02-02
psSAR1g [W/kg]	6.77	8.09
psSAR8g [W/kg]	2.41	2.65
psSAR10g [W/kg]	2.09	2.25
Power Drift [dB]	-0.00	-0.00
M2/M1 [%]		66.9
Dist 3dB Peak [mm]		7.6



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Report No. : TESA2504000352E5

Measurement Report

Dipole 6500 MHz, SN:1006

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 5.00	5.66	6.162	35.271

Hardware Setup

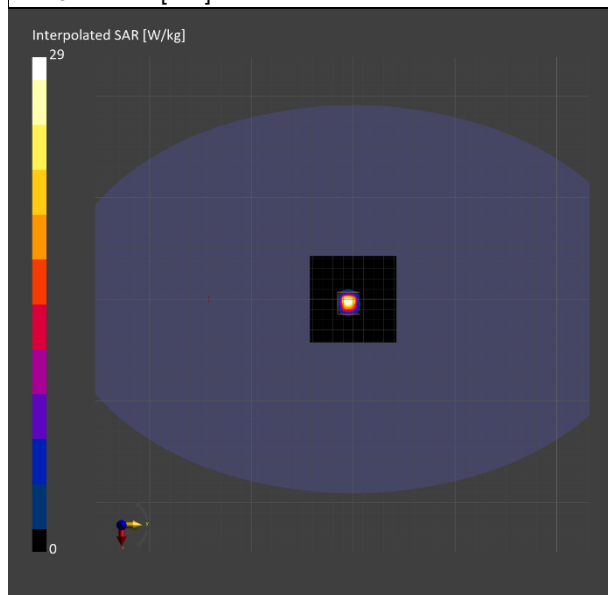
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 119.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-03-03	2026-03-03
psSAR1g [W/kg]	21.3	29.6
psSAR8g [W/kg]	6.02	6.76
psSAR10g [W/kg]	5.00	5.55
psPDab (4.0cm2, sq) [W/m2]		135
Power Drift [dB]	-0.01	-0.00
M2/M1 [%]		59.8
Dist 3dB Peak [mm]		6.6



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Report No. : TESA2504000352E5

Measurement Report

Dipole 7000 MHz, SN:1007

Ambient temperature: 23.0°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,HSL	FRONT, 5.00	5.81	6.708	34.671

Hardware Setup

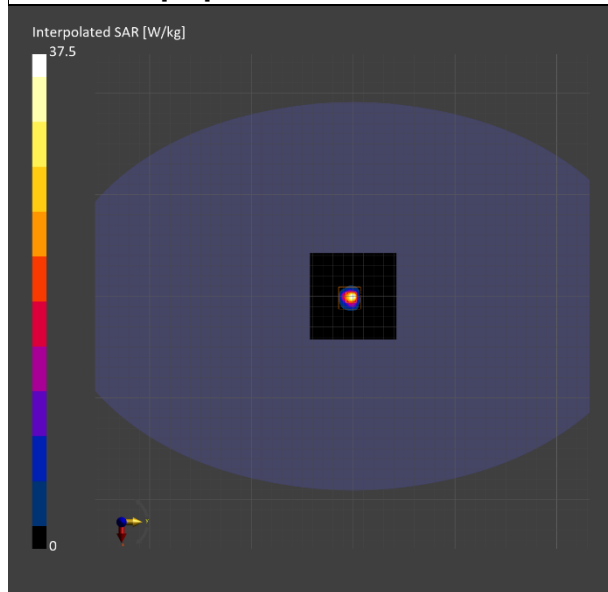
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7642, 2025-02-19	DAE4 Sn1260, 2025-09-28

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	2026-03-03	2026-03-03
psSAR1g [W/kg]	23.9	29.3
psSAR8g [W/kg]	6.07	6.43
psSAR10g [W/kg]	5.03	5.25
psPDab (4.0cm2, sq) [W/m2]		129
Power Drift [dB]	-0.00	-0.00
M2/M1 [%]		56.9
Dist 3dB Peak [mm]		6.6



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15 PD SYSTEM CHECK RESULTS

Report No.: TESA2504000352E5

Measurement Report

5G Verification Source 10GHz-SN:1021

Exposure Conditions

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

Hardware Setup

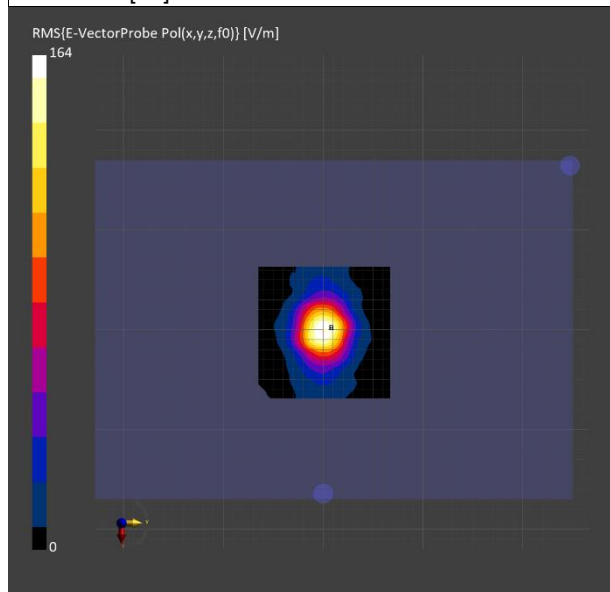
Phantom	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1096	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-09-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	53.2
psPDtot+ [W/m ²]	53.3
psPDmod+ [W/m ²]	53.7
E _{max} [V/m]	153
Power Drift [dB]	0.07



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Report No.: TESA2504000352E5

Measurement Report

5G Verification Source 10GHz-SN:1021

Exposure Conditions

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

Hardware Setup

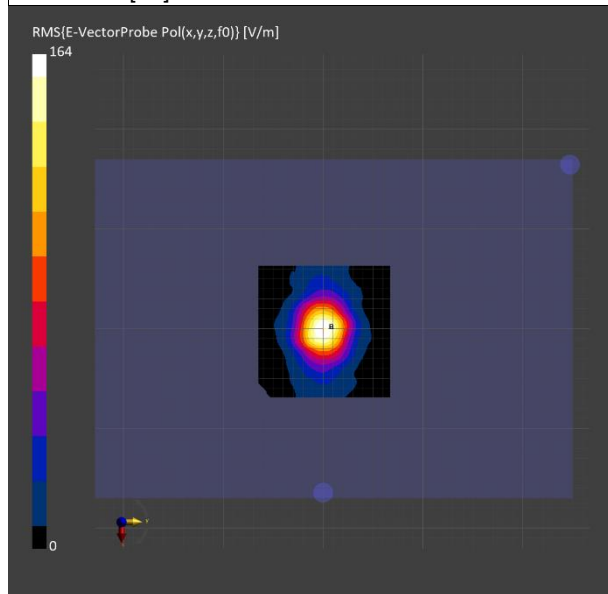
Phantom	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1096	EUmmWV4 - SN9399_F1-55GHz, 2025-01-14	DAE4 Sn1356, 2024-12-06

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	2025-10-13
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	53.6
psPDtot+ [W/m ²]	54.1
psPDmod+ [W/m ²]	53.9
E _{max} [V/m]	151
Power Drift [dB]	0.02



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Report No. : TESA2504000352E5

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

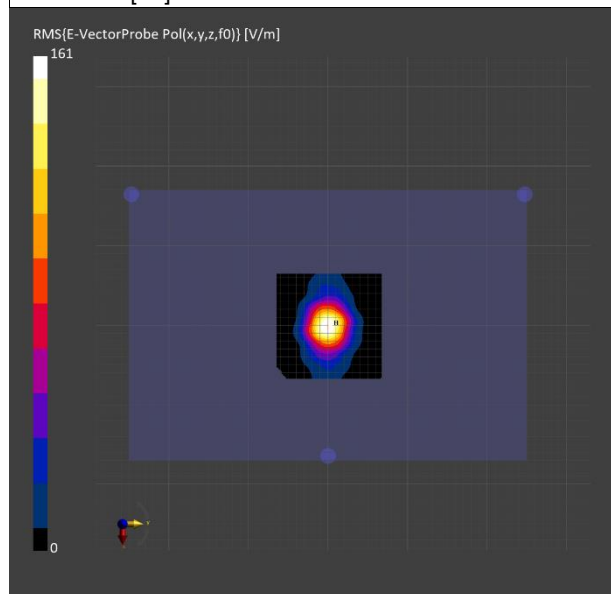
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1070	Air	EUmmWV4 - SN9616_F1-55GHz, 2026-03-13	DAE4 Sn1260, 2025-09-28

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	2026-02-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	53.3
psPDtot+ [W/m ²]	53.4
psPDmod+ [W/m ²]	53.9
E _{max} [V/m]	152
Power Drift [dB]	0.01



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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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