

RF Exposure report



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

EUT Description	Rugged Tablet PC
Brand Name	Winmate
Model No.	M700DQ9
Family Model No.	M700XXXXXXXXXXXX("X"=A~Z, a~z, 0~9, "-" Blank or Slash for marketing purpose only, no impact safety related constructions or critical components)
Model Difference	For marketing purpose only
Applicant	Winmate Inc. 9F, No.111-6, Shing-De Rd., San-Chung District, New Taipei City, Taiwan 241
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID	5G Read Cap_PX9EM8695 WIFI_PX9WCN6856
Date of EUT Receipt	Apr. 10, 2026
Date of Test(s)	May 03, 2026 ~ Jun. 03, 2026
Date of Issue	Aug. 11, 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
TESA2604000251ES	00	Initial creation of document	Jul. 08, 2026	Kimmy Chiou	
TESA2604000251ES	01	Modify address	Aug. 11, 2026	Kimmy Chiou	*

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.
2. Variant information of model numbers is provided by the applicant, test results of this report are applicable to the sample EUT(s) received.
And are assessed as electrically identical in RF characteristics, therefore, no further assessment required for the variant(s).

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Contents

1	GENERAL INFORMATION	5
1.1	Test Methodology	5
1.2	Description of EUT.....	6
1.3	Maximum value	7
2	MEASUREMENT SYSTEM	8
2.1	Test Facility	8
2.2	SAR System	9
2.3	PD system	13
3	DUTY CYCLE	15
4	SAR SYSTEM VERIFICATION.....	19
4.1	Tissue Simulating Liquid.....	19
4.2	Tissue Simulant Liquid measurement	19
4.3	Measurement results of Tissue Simulant Liquid.....	19
4.4	The composition of the tissue simulating liquid:.....	22
4.5	System check	22
4.6	System check results	23
5	PD SYSTEM VERIFICATION	24
5.1	System check	24
5.2	System check result	25
6	TEST CONFIGURATIONS	26
6.1	Test Environment.....	26
6.2	Test Note.....	26
6.3	Test position.....	31
6.4	Test limit	32
7	MAXIMUM OUTPUT POWER	35
7.1	FDD LTE	35
7.2	TDD LTE	73
7.3	FDD NR	85
7.4	TDD NR	95
7.5	WLAN	96
7.6	WLAN 6GHz.....	108
7.7	Bluetooth	112
7.8	BLE.....	112
8	SUMMARY OF RESULTS	113
8.1	Decision rules	113
8.2	Summary of SAR Results.....	113
8.3	Summary of PD Results	118
8.4	Reporting statements of conformity	118
8.5	Conclusion	118
9	SIMULTANEOUS TRANSMISSION ANALYSIS.....	119
9.1	Simultaneous Transmission Scenarios:	119
9.2	Estimated SAR calculation	119
9.3	SPLSR evaluation and analysis.....	119
9.4	Conclusion	120

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10	INSTRUMENTS LIST.....	121
11	UNCERTAINTY BUDGET.....	122
12	SAR MEASUREMENT RESULTS.....	126
13	PD MEASUREMENT RESULTS.....	168
14	SAR SYSTEM CHECK RESULTS.....	169
15	PD SYSTEM CHECK RESULTS.....	185
16	APPENDICES.....	186
16.1	SAR_Appendix A Photographs.....	186
16.2	SAR_Appendix B DAE & Probe Cal. Certificate.....	186
16.3	SAR_Appendix C Phantom Description & Dipole Cal. Certificate.....	186
16.4	SAR_Appendix D Dipole Extended Calibration Verification.....	186

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1 GENERAL INFORMATION

1.1 Test Methodology

The SAR testing method and procedure for this device is in accordance with the following standards:

IEEE/ANSI C95.1-1992

IEEE 1528-2013

KDB 447498D01v06

KDB 865664D01v01r04

KDB 865664D02v01r02

KDB 616217D04v01r02

KDB 941225D05v02r05

KDB 941225D05Av01r02

KDB 248227D01v02r02

IEC/IEEE 62209-1528:2020

SPEAG DASY6 System Handbook

SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)

IEC TR 63170:2018

IEC 62479:2010

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1.2 Description of EUT

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Brand Name	Winmate	
Model No.	M700DQ9	
Family Model No.	M700XXXXXXXXXXXX("X"=A~Z, a~z,0 ~9 , "-" Blank or Slash for marketing purpose only,no impact safety related constructions or critical components)	
Model Difference	For marketing purpose only	
Integrated WWAN Module	Brand Name:Sierra Wireless Model Name: EM8695	
Integrated WLAN Module	Brand Name: TurboX Model Name: C6490-U8B	
Duty Cycle	LTE FDD	1
	LTE TDD Power Class 3	0.633
	LTE TDD Power Class 2	0.433
	5G NR	1
	WLAN 802.11	Please refer to section 3
	Bluetooth	Please refer to section 3
Supported radios (TX Frequency Range, MHz)	LTE FDD Band 2	1850-1910
	LTE FDD Band 4	1710-1755
	LTE FDD Band 5	824-849
	LTE FDD Band 12	699-716
	LTE FDD Band 13	777-787
	LTE FDD Band 14	788-798
	LTE FDD Band 17	704-716
	LTE FDD Band 30	2305-2315
	LTE TDD Band 41 Power Class 2/3	2496-2690

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Supported radios (TX Frequency Range, MHz)	LTE TDD Band 48	3550-3700
	LTE FDD Band 66	1710-1780
	LTE FDD Band 71	663-698
	n2	1850-1910
	n5	824-849
	n25	1850-1915
	n41	2496-2690
	n66	1710-1780
	n71	663-698
	802.11 b/g/n/ax	2.4GHz (2400.0 – 2483.5 MHz)
	802.11a/n/ac/ax	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	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)
LTE Band 41_PC2	0.83	N/A	N/A
BLE_2M	0.06	N/A	N/A
2.4G WLAN	0.51	N/A	N/A
5G WLAN	1.19	N/A	N/A
6G WLAN	0.01	0.16	1.16

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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	-	-		
	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan	SAR 3	Ender Lin	Kiki Lin	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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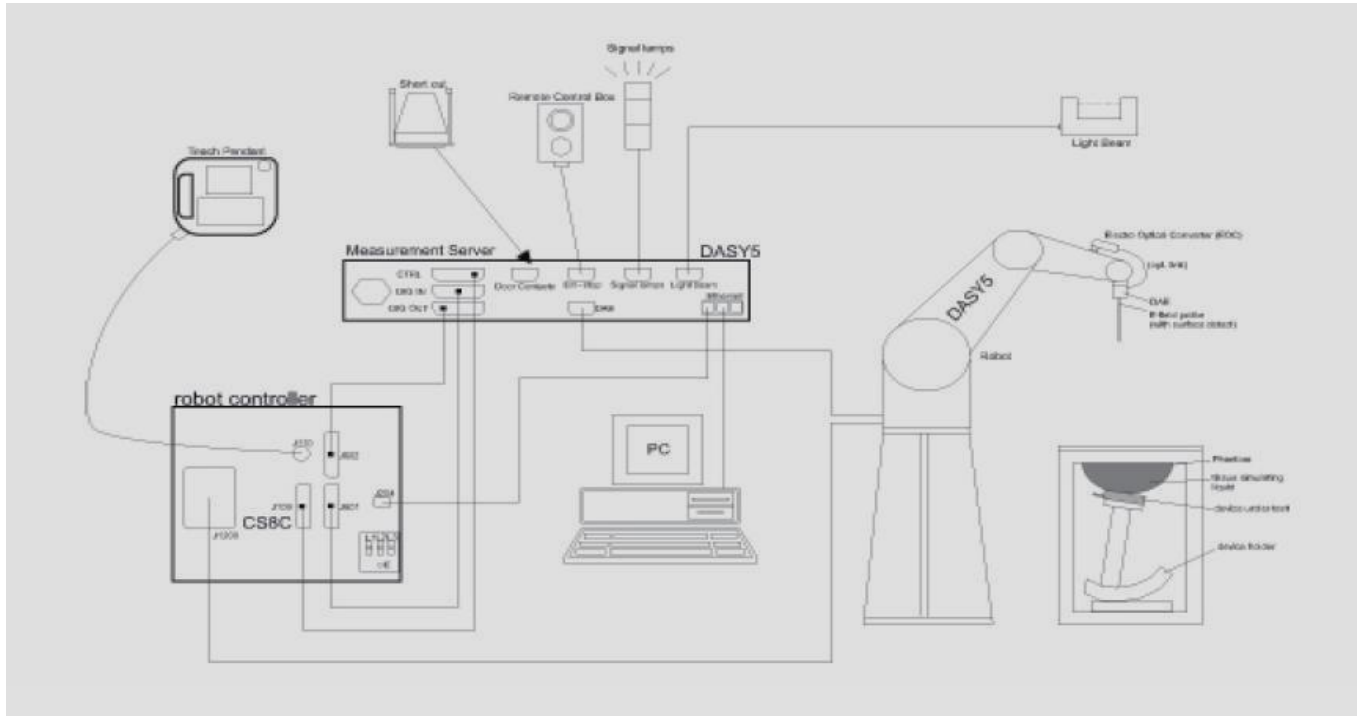
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2.2 SAR System

Block Diagram (DASY5)

A block diagram of the SAR measurement System is given in below. This SAR measurement system uses a computer-controlled 3-D stepper motor system (SPEAG DASY 5 professional system). The model EX3DV4 field probe is used to determine the internal electric fields. The SAR can be obtained from the equation $SAR = \sigma (|E|)^2 / \rho$ where σ and ρ are the conductivity and mass density of the tissue-simulant.

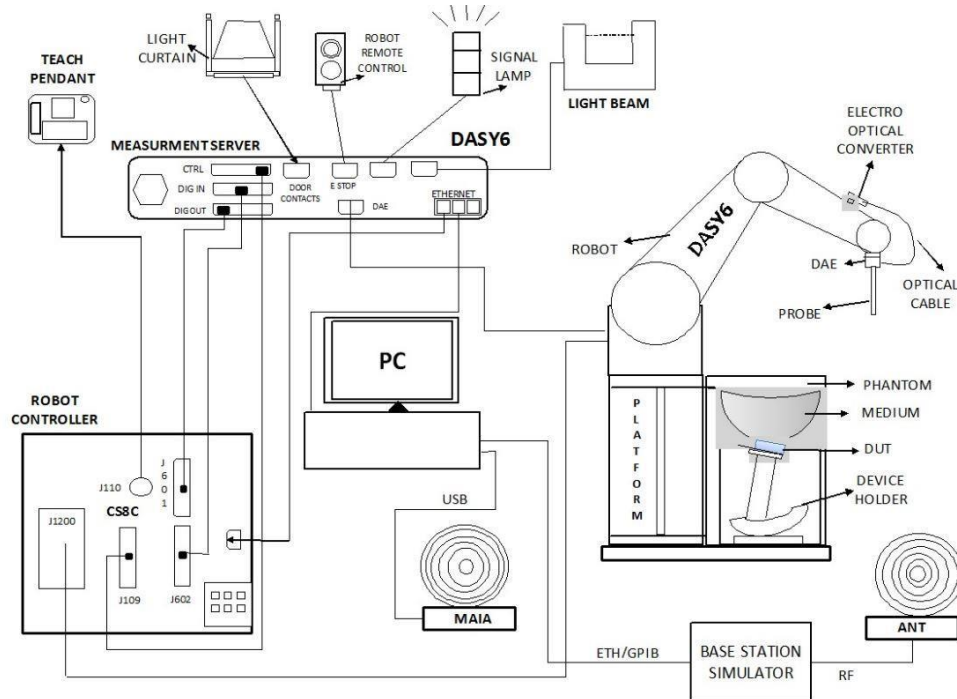


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Block Diagram (DASY6)

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



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Windows 10 and the DASY6 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

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EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL 750/835/1750/1900/2300/2450/2600/3500/ 3700/3900/5250/5600/5750/5850/6500/7000 MHz Additional CF for other liquids and frequencies upon request	
Frequency	10 MHz to > 6 GHz	
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)	
Dynamic Range	10 µW/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)	
Dimensions	Tip diameter: 2.5 mm	
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.	

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PHANTOM (ELI)

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

DEVICE HOLDER

Construction	The device holder (Supporter) for Notebook is made by POM (polyoxymethylene resin) , which is non-metal and non-conductive. The height can be adjusted to fit varies kind of notebooks.	
		Device Holder

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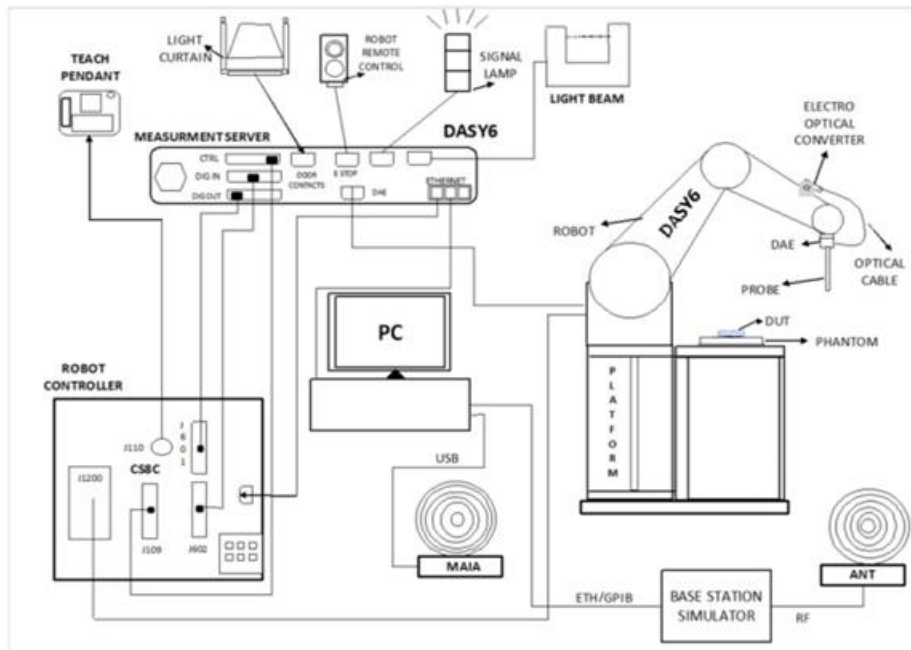
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2.3 PD system

Block Diagram (DASY6)

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



EUmmWVx probe

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

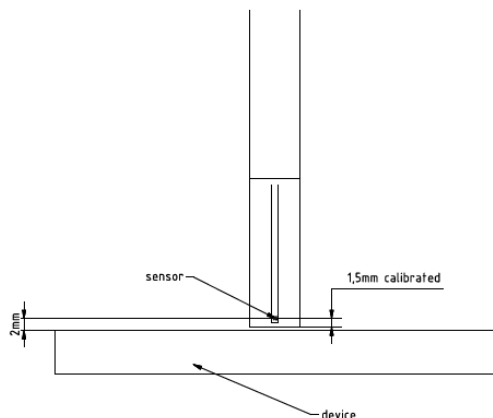
	Two dipoles optimally arranged to obtain pseudo-vector information. Minimum 3 measurements/ point, 120° rotated around probe axis. Sensors (0.8mm length) printed on glass substrate protected by high density foam. Low perturbation of the measured field. Requires positioner which can do accurate probe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

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



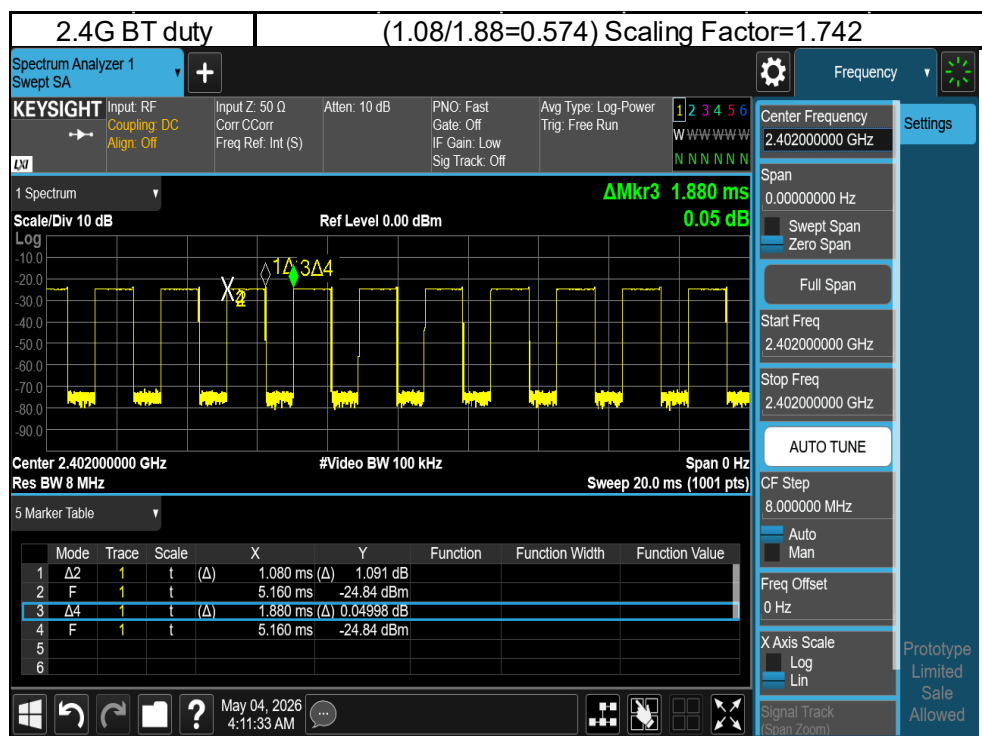
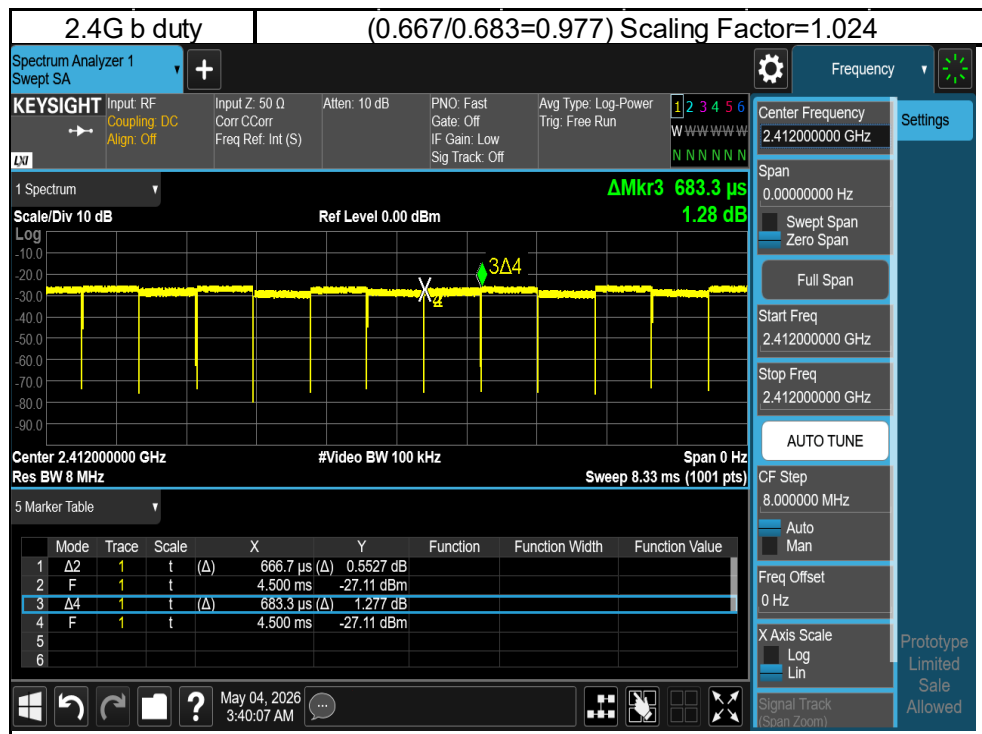
mmWave Phantom

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

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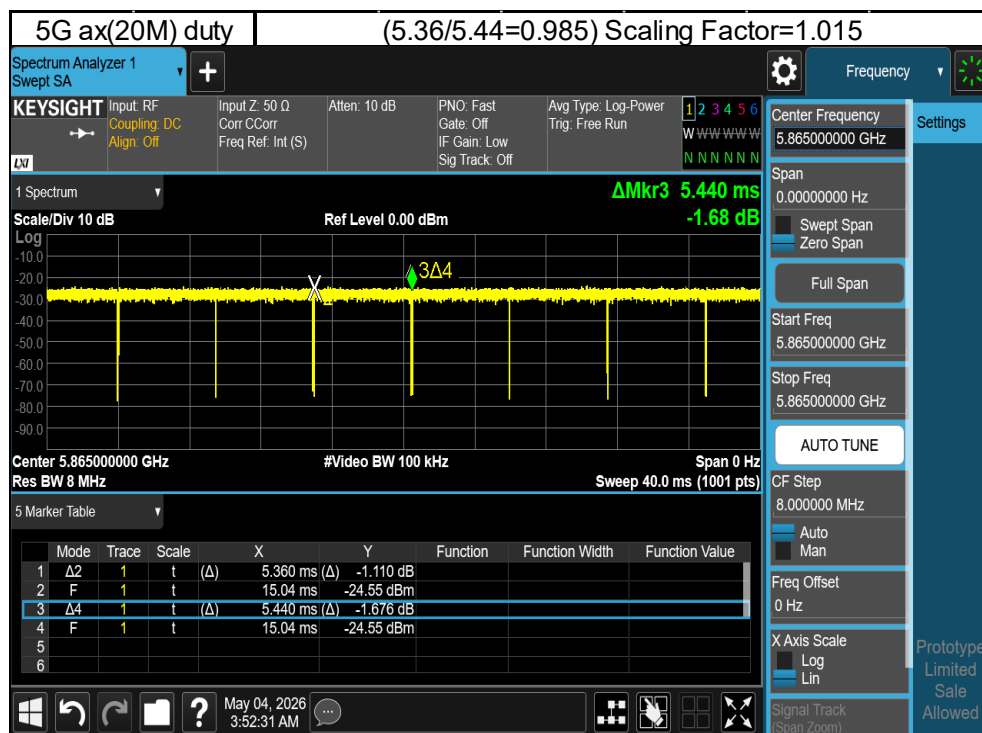
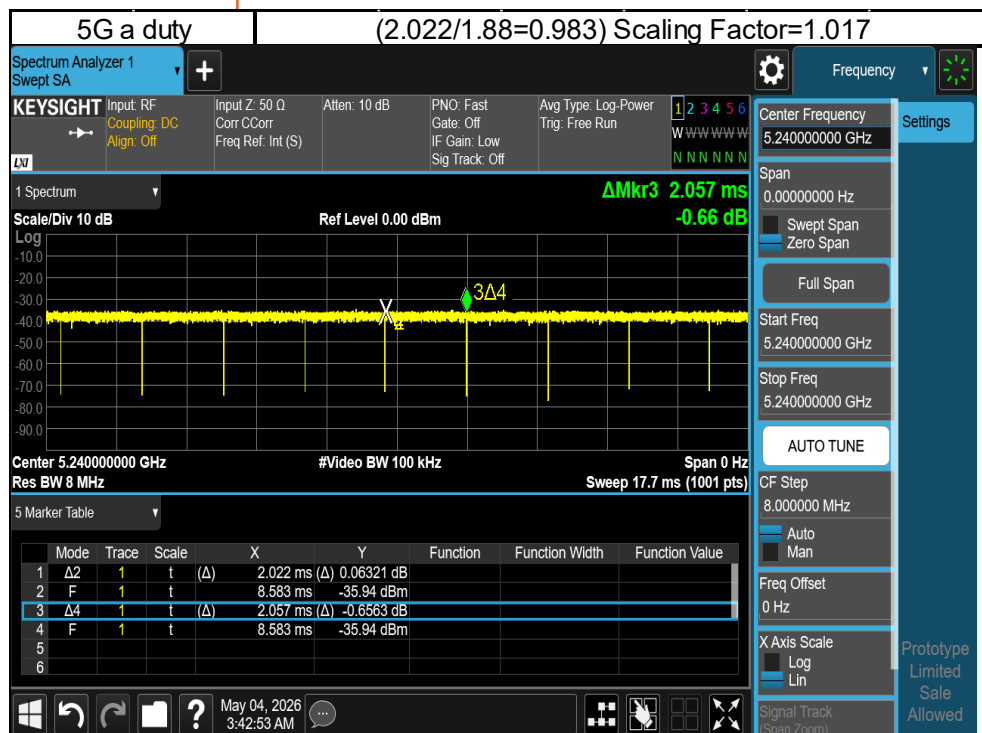
3 DUTY CYCLE



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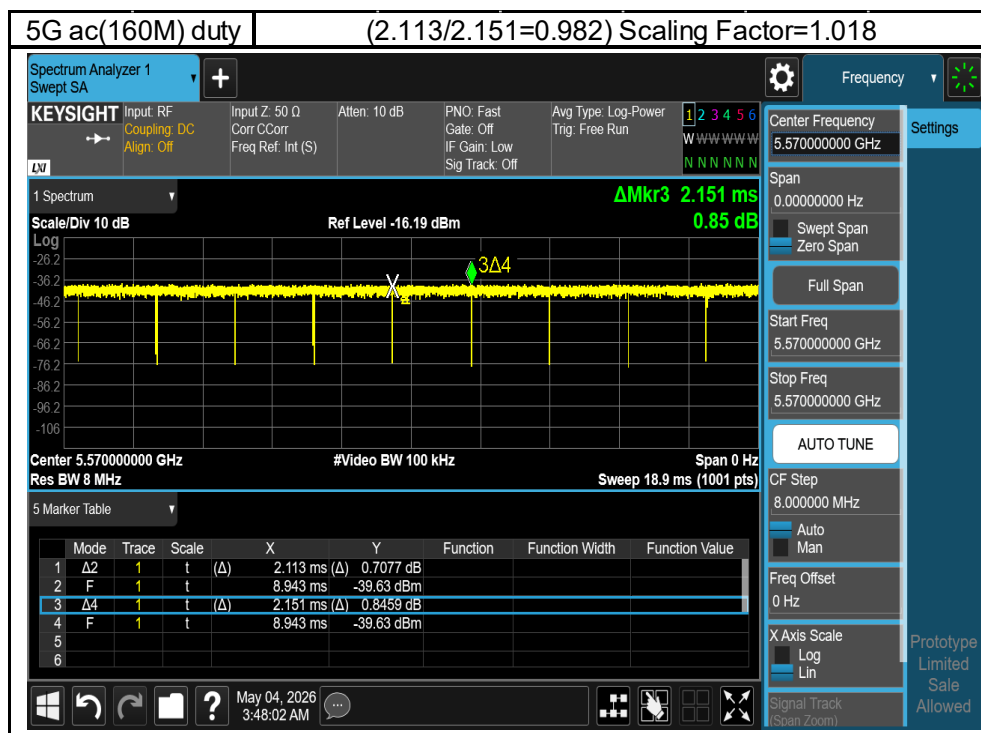
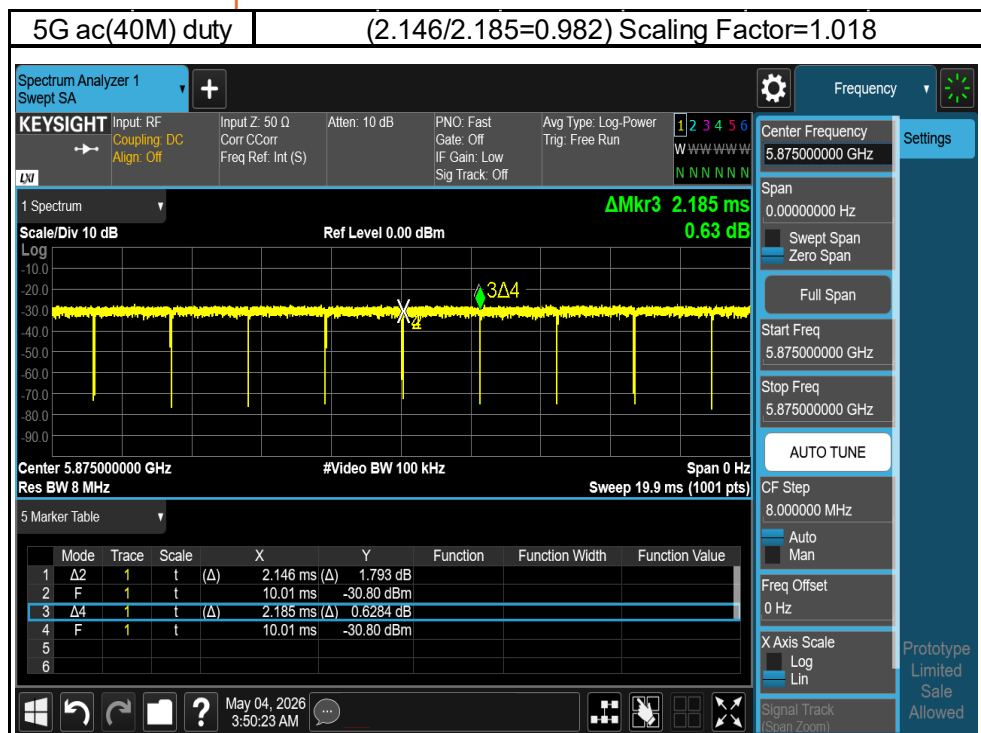
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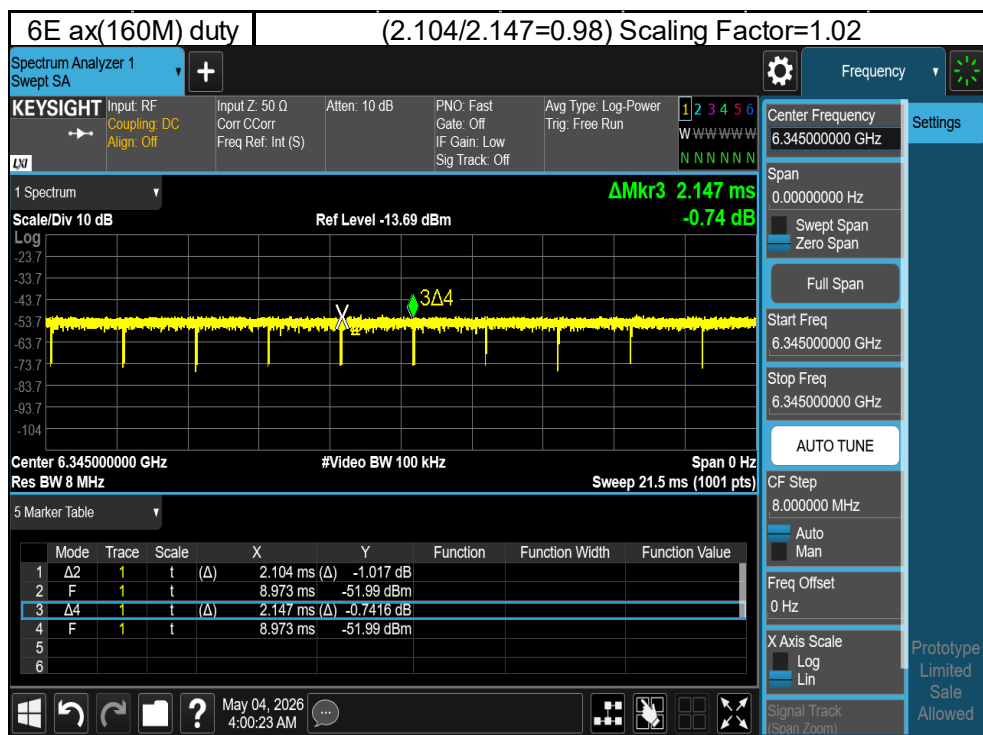
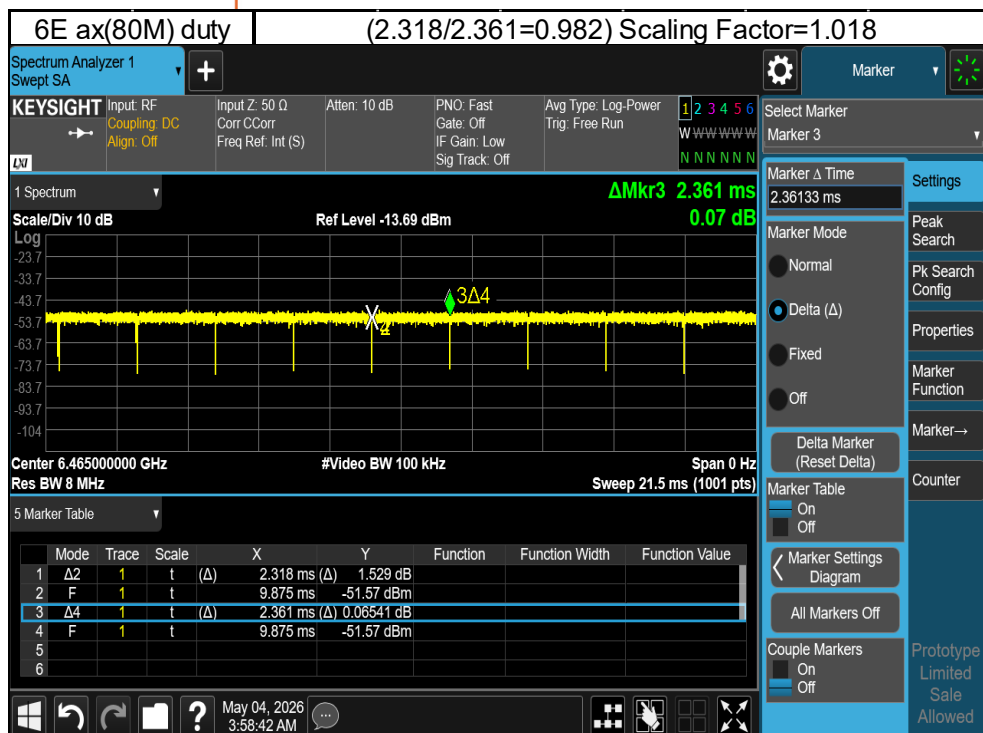
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4 SAR SYSTEM VERIFICATION

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.

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
673	42.311	0.885	41.993	0.907	-0.75%	2.50%	$\pm 5\%$	May. 30, 2026
680.5	42.271	0.885	41.936	0.913	-0.79%	3.12%	$\pm 5\%$	
688	42.231	0.886	41.913	0.914	-0.75%	3.18%	$\pm 5\%$	
704	42.145	0.887	41.903	0.916	-0.57%	3.28%	$\pm 5\%$	
707.5	42.127	0.887	41.835	0.918	-0.69%	3.48%	$\pm 5\%$	
709	42.119	0.887	41.755	0.919	-0.86%	3.58%	$\pm 5\%$	
710	42.113	0.887	41.749	0.921	-0.87%	3.79%	$\pm 5\%$	
711	42.108	0.887	41.741	0.922	-0.87%	3.90%	$\pm 5\%$	
750	41.900	0.890	41.635	0.924	-0.63%	3.82%	$\pm 5\%$	
782	41.749	0.894	41.447	0.925	-0.72%	3.49%	$\pm 5\%$	
793	41.698	0.895	41.379	0.925	-0.76%	3.35%	$\pm 5\%$	May. 31, 2026
829	41.528	0.899	41.276	0.926	-0.61%	2.97%	$\pm 5\%$	
834	41.505	0.900	41.226	0.926	-0.67%	2.90%	$\pm 5\%$	
835	41.500	0.900	41.155	0.929	-0.83%	3.22%	$\pm 5\%$	
836.5	41.500	0.902	41.148	0.934	-0.85%	3.59%	$\pm 5\%$	
839	41.500	0.904	41.136	0.935	-0.88%	3.39%	$\pm 5\%$	
844	41.500	0.910	41.102	0.941	-0.96%	3.44%	$\pm 5\%$	
1720	40.127	1.354	39.862	1.376	-0.66%	1.65%	$\pm 5\%$	
1732.5	40.116	1.360	39.827	1.384	-0.72%	1.73%	$\pm 5\%$	
1745	40.105	1.367	39.825	1.394	-0.70%	1.95%	$\pm 5\%$	
1750	40.100	1.370	39.808	1.399	-0.73%	2.12%	$\pm 5\%$	
1770	40.060	1.382	39.801	1.419	-0.65%	2.68%	$\pm 5\%$	

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1860	40.000	1.400	39.798	1.427	-0.51%	1.93%	± 5%	Jun. 01, 2026
1880	40.000	1.400	39.789	1.429	-0.53%	2.07%	± 5%	
1882.5	40.000	1.400	39.769	1.435	-0.58%	2.50%	± 5%	
1900	40.000	1.400	39.755	1.437	-0.61%	2.64%	± 5%	
1905	40.000	1.400	39.664	1.439	-0.84%	2.79%	± 5%	
2300	39.500	1.670	39.237	1.705	-0.67%	2.10%	± 5%	
2310	39.480	1.679	39.086	1.711	-1.00%	1.93%	± 5%	
2506.02	39.125	1.860	38.853	1.891	-0.70%	1.68%	± 5%	Jun. 02, 2026
2510	39.120	1.864	38.837	1.898	-0.72%	1.82%	± 5%	
2535	39.087	1.891	38.823	1.922	-0.67%	1.66%	± 5%	
2549.5	39.067	1.906	38.778	1.929	-0.74%	1.20%	± 5%	
2560	39.053	1.917	38.768	1.941	-0.73%	1.23%	± 5%	
2593	39.009	1.953	38.743	1.982	-0.68%	1.51%	± 5%	
2600	39.000	1.960	38.713	1.999	-0.74%	1.99%	± 5%	
2636.5	38.954	2.000	38.701	2.037	-0.65%	1.84%	± 5%	
2680	38.900	2.048	38.562	2.086	-0.87%	1.86%	± 5%	
3499.995	37.900	2.910	37.638	2.933	-0.69%	0.79%	± 5%	
3500	37.900	2.910	37.589	2.940	-0.82%	1.03%	± 5%	
3500.01	37.900	2.910	37.585	2.949	-0.83%	1.34%	± 5%	
3537.51	37.862	2.949	37.581	2.974	-0.74%	0.85%	± 5%	
3560	37.840	2.972	37.568	3.003	-0.72%	1.03%	± 5%	
3575.01	37.825	2.988	37.541	3.009	-0.75%	0.70%	± 5%	
3609	37.791	3.023	37.522	3.058	-0.71%	1.15%	± 5%	Jun. 03, 2026
3612.51	37.787	3.027	37.514	3.066	-0.72%	1.29%	± 5%	
3641	37.759	3.057	37.472	3.086	-0.76%	0.96%	± 5%	
3650.01	37.750	3.066	37.465	3.091	-0.75%	0.82%	± 5%	
3690	37.710	3.108	37.452	3.137	-0.68%	0.95%	± 5%	
3700	37.700	3.118	37.423	3.138	-0.73%	0.64%	± 5%	
3750	37.650	3.170	37.381	3.192	-0.71%	0.69%	± 5%	
3795	37.605	3.217	37.312	3.237	-0.78%	0.63%	± 5%	
3840	37.560	3.264	37.241	3.303	-0.85%	1.21%	± 5%	
3885	37.515	3.310	37.196	3.349	-0.85%	1.17%	± 5%	
3900	37.500	3.326	37.182	3.353	-0.85%	0.81%	± 5%	
3930	37.470	3.357	37.172	3.381	-0.80%	0.71%	± 5%	
2402	39.296	1.758	39.032	1.798	-0.67%	2.25%	± 5%	May. 12, 2026
2412	39.276	1.767	39.014	1.806	-0.67%	2.20%	± 5%	
2437	39.226	1.789	38.931	1.811	-0.75%	1.24%	± 5%	
2440	39.217	1.791	38.929	1.823	-0.73%	1.79%	± 5%	
2450	39.200	1.800	38.872	1.828	-0.84%	1.56%	± 5%	
2462	39.184	1.813	38.858	1.847	-0.83%	1.89%	± 5%	
2480	39.160	1.832	38.857	1.861	-0.77%	1.58%	± 5%	

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5180	36.020	4.639	35.787	4.664	-0.65%	0.54%	± 5%	May. 13, 2026
5200	36.000	4.660	35.763	4.689	-0.66%	0.62%	± 5%	
5220	35.980	4.680	35.719	4.711	-0.73%	0.66%	± 5%	
5240	35.960	4.700	35.707	4.722	-0.70%	0.47%	± 5%	
5250	35.950	4.710	35.651	4.736	-0.83%	0.55%	± 5%	
5260	35.940	4.720	35.642	4.746	-0.83%	0.55%	± 5%	
5280	35.920	4.740	35.614	4.776	-0.85%	0.76%	± 5%	
5300	35.900	4.760	35.563	4.781	-0.94%	0.44%	± 5%	
5320	35.880	4.780	35.541	4.812	-0.94%	0.67%	± 5%	
5500	35.650	4.965	35.376	4.991	-0.77%	0.52%	± 5%	
5570	35.545	5.039	35.324	5.062	-0.62%	0.47%	± 5%	
5600	35.500	5.070	35.154	5.105	-0.97%	0.69%	± 5%	
5700	35.400	5.170	35.074	5.196	-0.92%	0.50%	± 5%	May. 14, 2026
5745	35.355	5.215	35.069	5.244	-0.81%	0.56%	± 5%	
5750	35.350	5.220	35.036	5.254	-0.89%	0.65%	± 5%	
5785	35.315	5.255	35.026	5.291	-0.82%	0.69%	± 5%	
5825	35.275	5.296	34.993	5.317	-0.80%	0.39%	± 5%	
5835	35.265	5.307	34.976	5.329	-0.82%	0.41%	± 5%	
5845	35.255	5.317	34.952	5.348	-0.86%	0.58%	± 5%	
5850	35.250	5.323	34.945	5.352	-0.87%	0.54%	± 5%	
5865	35.235	5.338	34.941	5.367	-0.83%	0.54%	± 5%	
5875	35.225	5.349	34.918	5.375	-0.87%	0.49%	± 5%	
5885	35.215	5.359	34.879	5.391	-0.95%	0.60%	± 5%	May. 15, 2026
6025	35.070	5.510	34.68	5.55	-1.11%	0.74%	± 5%	
6185	34.878	5.698	34.54	5.74	-0.97%	0.73%	± 5%	
6345	34.686	5.887	34.32	5.92	-1.06%	0.56%	± 5%	
6465	34.542	6.029	34.24	6.05	-0.87%	0.35%	± 5%	
6500	34.500	6.070	34.16	6.14	-0.99%	1.15%	± 5%	
6545	34.446	6.122	34.15	6.15	-0.86%	0.45%	± 5%	
6625	34.350	6.215	34.08	6.27	-0.79%	0.88%	± 5%	
6665	34.302	6.261	34.05	6.29	-0.73%	0.46%	± 5%	
6705	34.254	6.308	34.04	6.33	-0.62%	0.35%	± 5%	
6785	34.158	6.401	33.94	6.43	-0.64%	0.46%	± 5%	
6825	34.110	6.447	33.84	6.47	-0.79%	0.36%	± 5%	
6865	34.062	6.493	33.75	6.52	-0.92%	0.41%	± 5%	
6945	33.966	6.586	33.72	6.62	-0.72%	0.51%	± 5%	
7000	33.900	6.650	33.69	6.67	-0.62%	0.30%	± 5%	
7025	33.870	6.680	33.51	6.71	-1.06%	0.46%	± 5%	

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4.4 The composition of the tissue simulating liquid:

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

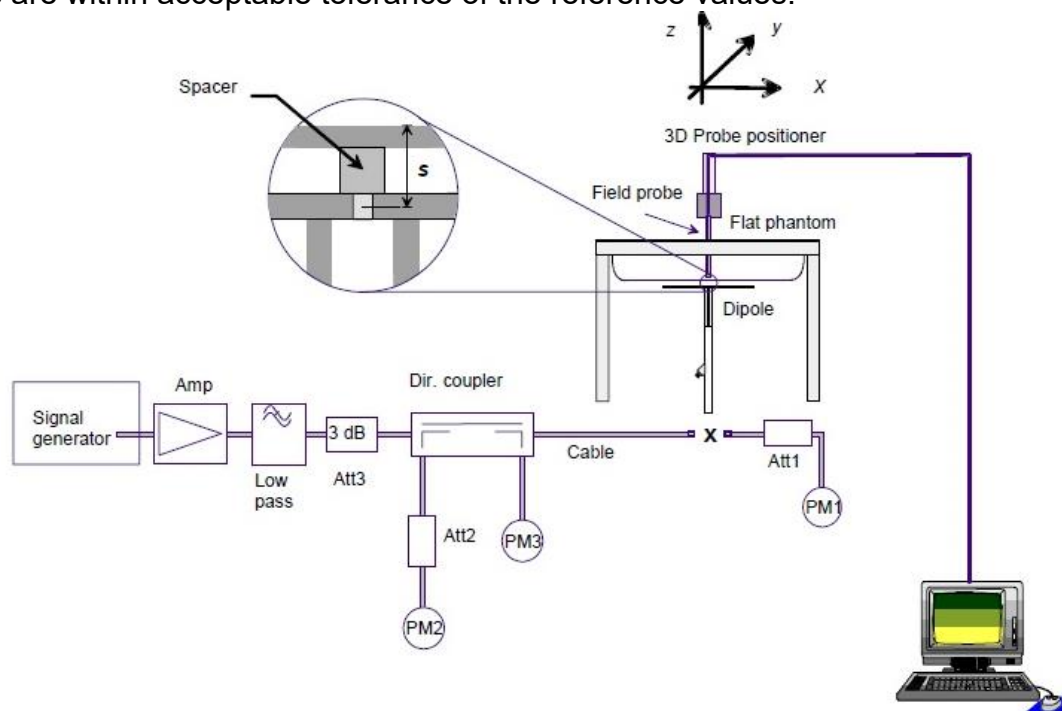
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

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
D750V3	1015	750	8.54	2.15	8.6	0.70	± 10%	May.30,2026
D835V2	4d063	835	9.47	2.33	9.32	-1.58	± 10%	May.31,2026
D1750V2	1008	1750	36.4	8.78	35.12	-3.52	± 10%	May.31,2026
D1900V2	5d173	1900	39.8	9.84	39.36	-1.11	± 10%	Jun.01,2026
D2300V2	1023	2300	49.3	12.2	48.8	-1.01	± 10%	Jun.01,2026
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D2450V2	727	2450	52.6	13.2	52.8	0.38	± 10%	May.12,2026
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	8.22	82.2	1.61	± 10%	May.13,2026
D5GHzV2	1349	5600	82.4	8.07	80.7	-2.06	± 10%	May.13,2026
D5GHzV2	1349	5750	80.8	8.11	81.1	0.37	± 10%	May.14,2026
D5GHzV2	1349	5850	79.9	7.76	77.6	-2.88	± 10%	May.14,2026
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D6.5GHzV2	1006	6500	295	29.8	298	1.02	± 10%	May.15,2026
D7GHzV2	1007	7000	287	28.5	285	-0.70	± 10%	May.15,2026

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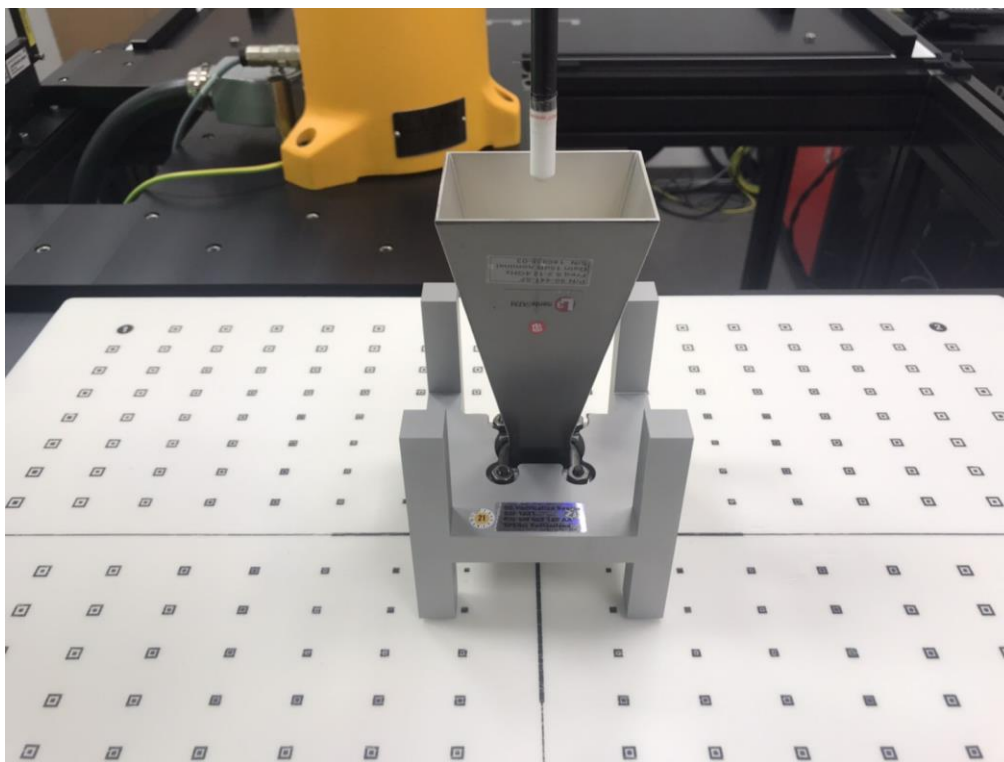
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5 PD SYSTEM VERIFICATION

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	1665	10	93.3	52.3	56	-0.30	May.15,2026

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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).
- **LTE:** LTE modes test according to **KDB 941225D05v02r05**.
 - a. Per Section 5.2.1, the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation.
 - Using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
 - When the reported SAR is $\leq 0.8 \text{ W/kg}$, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.
 - When the reported SAR of a required test channel is $> 1.45 \text{ W/kg}$, SAR is required for all three RB offset configurations for that required test channel.
 - b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation
 - The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.
 - c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for QPSK with 100% RB allocation
 - For QPSK with 100% RB allocation, SAR is not required when the highest

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maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg.

- Otherwise, SAR is measured for the highest output power channel and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

d. Per Section 5.2.4, Higher order modulations

- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

e. Per Section 5.3, other channel bandwidth standalone SAR test requirements

- For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section 5.2 to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is $> \frac{1}{2}$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.

- TDD LTE was tested at highest duty factor using UL-DL configuration 0 with 6 UL subframes and 2 special subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4.2, the duty factor for UL-DL configuration 0/special subframe configuration 6 using extended cyclic prefix is 0.633.

According to KDB 941225 D05, SAR testing for TDD LTE must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP TDD LTE configurations. The TDD-LTE of this device supports frame structure type 2 defined in 3GPP TS 36.211 section 4.2, and the frame structure configuration can be tabulated as below.

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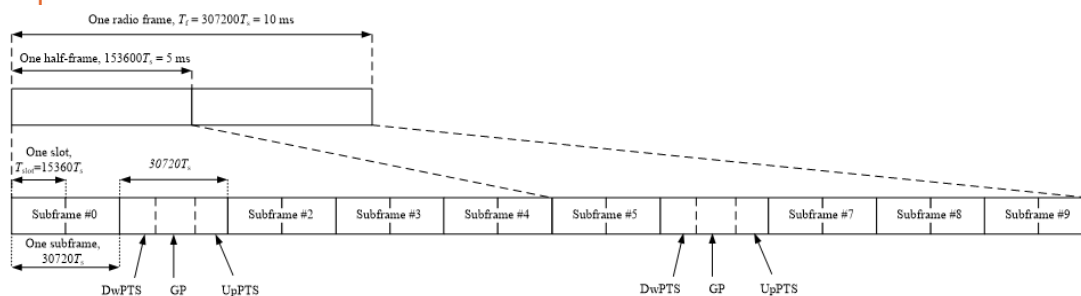


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$	$7680 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$7680 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
5	$6592 \cdot T_s$			$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-

Table 4.2-2: Uplink-downlink configurations

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Considering the highest transmission duty cycle, TDD LTE was tested using Uplink-Downlink configuration 0 with 6 uplink subframe and 2 special subframe. The special subframe was set to special subframe configuration 6 using extended cyclic prefix uplink. Therefore, SAR testing for TDD LTE was measured at the maximum output power with highest transmission duty cycle of 63.33%.

- **5G NR:** SAR tests for NR bands and LTE anchor bands were performed separately due to limitations in SAR probe calibration factor. Due to test setup limitation, SAR testing for NR was performed using factory test mode software to establish the connection.

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• **5G NR:** 5G NR Power/SAR procedure is similar with KDB 941225 D05. **a.** For power measurement reduction of DFT-s-OFDM and CP-OFDM, CP-OFDM will not higher than DFT-OFDM based on 3GPP MPR table, so CP-OFDM QPSK power measurement is spot check for 1RB allocation/1 RB offset configuration to ensure the output power will not $\frac{1}{2}$ dB higher than Pi/2 BPSK and QPSK. **b.** For power measurement reduction of DFT-s-OFDM, 16QAM/64QAM/256QAM will not higher than Pi/2 BPSK and QPSK based on 3GPP MPR table, so Pi/2 BPSK and QPSK are measured fully, and 16QAM is spot check 1RB allocation/1 RB offset configuration to ensure the output power will not $\frac{1}{2}$ dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to ensure output power will not $\frac{1}{2}$ dB higher than largest supported bandwidth. **c.** SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. **d.** 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure. **e.** QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested. **f.** 16QAM/64QAM/256QAM output powers according to 3GPP MPR will not $\frac{1}{2}$ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, 16QAM/64QAM/256QAM SAR testing are not required. **g.** Smaller bandwidth output power for each RB allocation configuration for this device will not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device.

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

• **WLAN 2.4GHz:** 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

• **WLAN 5GHz:** Initial Test Configuration: An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. When the reported SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is

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required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is ≤ 1.2 W/kg or all required channels are tested. Since the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration 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

Tablet mode SAR test position (0mm)

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

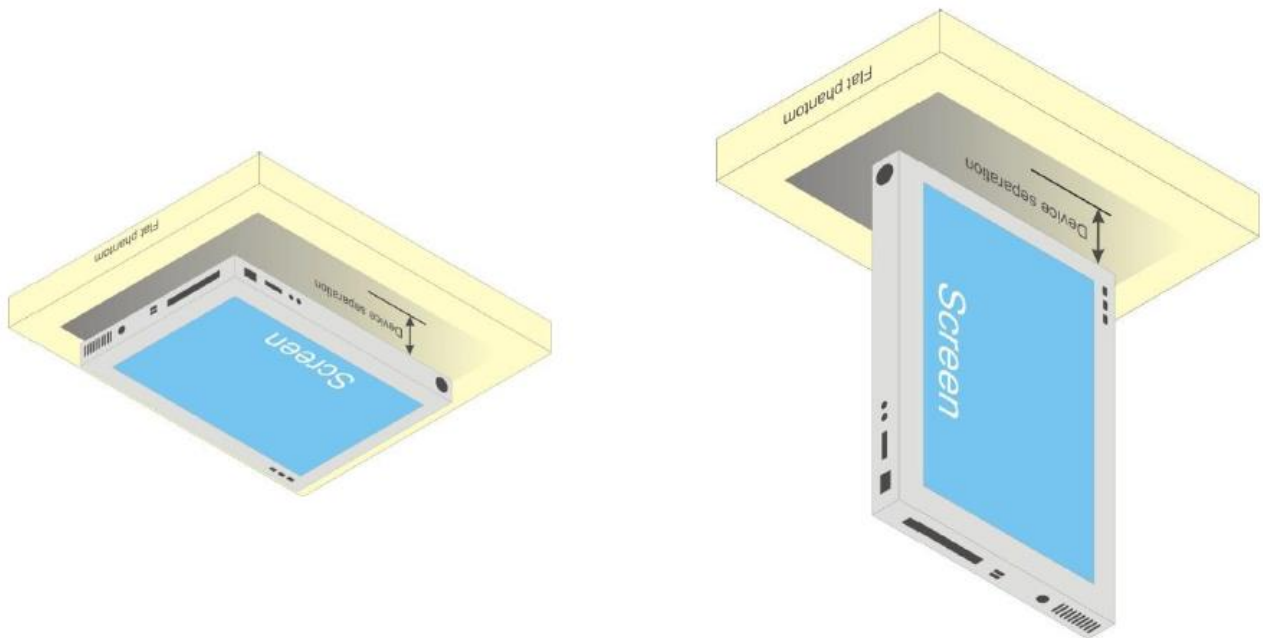


Illustration for Tablet Setup

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6.4 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 FDD LTE

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	23.56	23.65	23.41	24.50	0
		1	50	23.42	23.57	23.32	24.50	0
		1	99	23.46	23.55	23.28	24.50	0
		50	0	22.45	22.52	22.34	23.50	1
		50	25	22.53	22.53	22.24	23.50	1
		50	50	22.37	22.58	22.28	23.50	1
		100	0	22.44	22.56	22.32	23.50	1
20	16-QAM	1	0	22.36	22.44	22.27	23.50	1
		1	50	22.40	22.53	22.33	23.50	1
		1	99	22.39	22.46	22.30	23.50	1
		50	0	21.36	21.60	21.34	22.50	2
		50	25	21.44	21.49	21.31	22.50	2
		50	50	21.47	21.44	21.28	22.50	2
		100	0	21.51	21.54	21.31	22.50	2
20	64-QAM	1	0	21.54	21.59	21.26	22.50	2
		1	50	21.42	21.62	21.30	22.50	2
		1	99	21.40	21.45	21.20	22.50	2
		50	0	20.44	20.45	20.27	21.50	3
		50	25	20.48	20.64	20.27	21.50	3
		50	50	20.37	20.51	20.36	21.50	3
		100	0	20.51	20.47	20.27	21.50	3
20	256-QAM	1	0	20.47	20.48	20.38	21.50	3
		1	50	20.45	20.53	20.23	21.50	3
		1	99	20.51	20.54	20.37	21.50	3
		50	0	19.37	19.63	19.31	20.50	4
		50	25	19.42	19.57	19.28	20.50	4
		50	50	19.47	19.64	19.34	20.50	4
		100	0	19.52	19.55	19.23	20.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				18675	18900	19125		
15	QPSK	1	0	23.48	23.61	23.39	24.50	0
		1	36	23.51	23.55	23.23	24.50	0
		1	74	23.39	23.61	23.37	24.50	0
		36	0	22.55	22.56	22.34	23.50	1
		36	18	22.39	22.52	22.21	23.50	1
		36	37	22.53	22.58	22.37	23.50	1
		75	0	22.54	22.58	22.22	23.50	1
15	16-QAM	1	0	22.47	22.56	22.30	23.50	1
		1	36	22.45	22.50	22.35	23.50	1
		1	74	22.48	22.60	22.35	23.50	1
		36	0	21.45	21.57	21.28	22.50	2
		36	18	21.45	21.61	21.34	22.50	2
		36	37	21.41	21.45	21.31	22.50	2
		75	0	21.51	21.51	21.21	22.50	2
15	64-QAM	1	0	21.47	21.62	21.35	22.50	2
		1	36	21.41	21.52	21.40	22.50	2
		1	74	21.52	21.62	21.39	22.50	2
		36	0	20.40	20.60	20.26	21.50	3
		36	18	20.41	20.45	20.23	21.50	3
		36	37	20.47	20.62	20.39	21.50	3
		75	0	20.36	20.57	20.38	21.50	3
15	256-QAM	1	0	20.47	20.59	20.22	21.50	3
		1	36	20.46	20.52	20.35	21.50	3
		1	74	20.41	20.58	20.27	21.50	3
		36	0	19.45	19.50	19.36	20.50	4
		36	18	19.43	19.62	19.34	20.50	4
		36	37	19.40	19.47	19.20	20.50	4
		75	0	19.51	19.62	19.37	20.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				18650	18900	19150		
10	QPSK	1	0	23.52	23.58	23.32	24.50	0
		1	25	23.44	23.55	23.28	24.50	0
		1	49	23.54	23.52	23.20	24.50	0
		25	0	22.38	22.48	22.39	23.50	1
		25	12	22.51	22.64	22.27	23.50	1
		25	25	22.39	22.54	22.39	23.50	1
		50	0	22.43	22.58	22.21	23.50	1
10	16-QAM	1	0	22.40	22.55	22.28	23.50	1
		1	25	22.42	22.52	22.21	23.50	1
		1	49	22.49	22.62	22.35	23.50	1
		25	0	21.45	21.51	21.26	22.50	2
		25	12	21.49	21.57	21.36	22.50	2
		25	25	21.50	21.57	21.28	22.50	2
		50	0	21.38	21.60	21.37	22.50	2
10	64-QAM	1	0	21.54	21.51	21.37	22.50	2
		1	25	21.48	21.53	21.34	22.50	2
		1	49	21.36	21.48	21.30	22.50	2
		25	0	20.51	20.52	20.37	21.50	3
		25	12	20.53	20.60	20.32	21.50	3
		25	25	20.50	20.61	20.36	21.50	3
		50	0	20.46	20.58	20.30	21.50	3
10	256-QAM	1	0	20.52	20.60	20.32	21.50	3
		1	25	20.46	20.51	20.22	21.50	3
		1	49	20.45	20.52	20.20	21.50	3
		25	0	19.47	19.50	19.26	20.50	4
		25	12	19.36	19.46	19.25	20.50	4
		25	25	19.50	19.54	19.33	20.50	4
		50	0	19.41	19.50	19.36	20.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				18625	18900	19175		
5	QPSK	1	0	23.39	23.57	23.35	24.50	0
		1	12	23.41	23.53	23.39	24.50	0
		1	24	23.40	23.44	23.21	24.50	0
		12	0	22.35	22.55	22.28	23.50	1
		12	6	22.51	22.46	22.40	23.50	1
		12	13	22.51	22.62	22.24	23.50	1
		25	0	22.47	22.59	22.24	23.50	1
5	16-QAM	1	0	22.51	22.50	22.39	23.50	1
		1	12	22.53	22.58	22.22	23.50	1
		1	24	22.50	22.54	22.32	23.50	1
		12	0	21.35	21.62	21.40	22.50	2
		12	6	21.42	21.47	21.24	22.50	2
		12	13	21.52	21.55	21.30	22.50	2
		25	0	21.48	21.51	21.22	22.50	2
5	64-QAM	1	0	21.38	21.60	21.33	22.50	2
		1	12	21.35	21.52	21.37	22.50	2
		1	24	21.47	21.56	21.24	22.50	2
		12	0	20.40	20.60	20.24	21.50	3
		12	6	20.38	20.60	20.25	21.50	3
		12	13	20.50	20.58	20.40	21.50	3
		25	0	20.40	20.59	20.28	21.50	3
5	256-QAM	1	0	20.40	20.47	20.22	21.50	3
		1	12	20.37	20.45	20.39	21.50	3
		1	24	20.41	20.59	20.31	21.50	3
		12	0	19.37	19.55	19.36	20.50	4
		12	6	19.49	19.52	19.22	20.50	4
		12	13	19.54	19.57	19.38	20.50	4
		25	0	19.41	19.58	19.29	20.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	23.39	23.60	23.38	24.50	0
		1	7	23.43	23.55	23.25	24.50	0
		1	14	23.53	23.51	23.35	24.50	0
		8	0	22.37	22.52	22.33	23.50	1
		8	4	22.54	22.45	22.26	23.50	1
		8	7	22.50	22.57	22.24	23.50	1
		15	0	22.42	22.45	22.38	23.50	1
3	16-QAM	1	0	22.50	22.53	22.21	23.50	1
		1	7	22.37	22.56	22.30	23.50	1
		1	14	22.38	22.45	22.25	23.50	1
		8	0	21.45	21.49	21.35	22.50	2
		8	4	21.42	21.55	21.34	22.50	2
		8	7	21.36	21.59	21.29	22.50	2
		15	0	21.50	21.63	21.22	22.50	2
3	64-QAM	1	0	21.48	21.50	21.25	22.50	2
		1	7	21.41	21.53	21.38	22.50	2
		1	14	21.50	21.57	21.35	22.50	2
		8	0	20.39	20.45	20.36	21.50	3
		8	4	20.51	20.50	20.26	21.50	3
		8	7	20.36	20.52	20.20	21.50	3
		15	0	20.35	20.51	20.24	21.50	3
3	256-QAM	1	0	20.48	20.50	20.26	21.50	3
		1	7	20.49	20.57	20.37	21.50	3
		1	14	20.36	20.60	20.39	21.50	3
		8	0	19.43	19.49	19.34	20.50	4
		8	4	19.54	19.47	19.37	20.50	4
		8	7	19.37	19.48	19.20	20.50	4
		15	0	19.54	19.60	19.23	20.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	23.52	23.58	23.35	24.50	0
		1	2	23.46	23.47	23.34	24.50	0
		1	5	23.41	23.56	23.30	24.50	0
		3	0	23.45	23.59	23.37	24.50	0
		3	2	23.49	23.46	23.28	24.50	0
		3	3	23.42	23.50	23.21	24.50	0
		6	0	22.36	22.49	22.23	23.50	1
1.4	16-QAM	1	0	22.49	22.60	22.26	23.50	1
		1	2	22.40	22.62	22.29	23.50	1
		1	5	22.36	22.45	22.24	23.50	1
		3	0	22.37	22.51	22.28	23.50	1
		3	2	22.54	22.51	22.40	23.50	1
		3	3	22.51	22.58	22.25	23.50	1
		6	0	21.43	21.45	21.31	22.50	2
1.4	64-QAM	1	0	21.36	21.44	21.33	22.50	2
		1	2	21.46	21.56	21.33	22.50	2
		1	5	21.36	21.56	21.25	22.50	2
		3	0	21.55	21.49	21.23	22.50	2
		3	2	21.50	21.64	21.34	22.50	2
		3	3	21.36	21.59	21.29	22.50	2
		6	0	20.45	20.47	20.33	21.50	3
1.4	256-QAM	1	0	20.46	20.54	20.21	21.50	3
		1	2	20.36	20.45	20.35	21.50	3
		1	5	20.47	20.52	20.37	21.50	3
		3	0	20.41	20.60	20.22	21.50	3
		3	2	20.44	20.52	20.34	21.50	3
		3	3	20.51	20.56	20.27	21.50	3
		6	0	19.51	19.55	19.36	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1732.5	1745		
Channel				20050	20175	20300		
20	QPSK	1	0	24.10	24.07	23.96	24.50	0
		1	50	23.91	23.92	23.85	24.50	0
		1	99	23.95	23.88	23.82	24.50	0
		50	0	22.90	22.96	22.78	23.50	1
		50	25	22.94	23.03	22.80	23.50	1
		50	50	22.99	23.00	22.87	23.50	1
		100	0	23.03	23.05	22.93	23.50	1
20	16-QAM	1	0	23.05	22.96	22.87	23.50	1
		1	50	22.92	23.00	22.89	23.50	1
		1	99	22.92	22.88	22.89	23.50	1
		50	0	21.97	21.99	21.79	22.50	2
		50	25	21.93	21.94	21.79	22.50	2
		50	50	21.96	22.00	21.86	22.50	2
		100	0	22.08	22.01	21.95	22.50	2
20	64-QAM	1	0	22.06	21.88	21.94	22.50	2
		1	50	22.00	21.90	21.79	22.50	2
		1	99	21.90	22.06	21.91	22.50	2
		50	0	20.89	20.93	20.89	21.50	3
		50	25	21.01	20.99	20.89	21.50	3
		50	50	20.91	20.88	20.95	21.50	3
		100	0	20.96	21.04	20.83	21.50	3
20	256-QAM	1	0	20.95	20.89	20.90	21.50	3
		1	50	21.09	20.99	20.83	21.50	3
		1	99	20.96	21.00	20.91	21.50	3
		50	0	19.97	19.98	19.82	20.50	4
		50	25	20.02	19.96	19.79	20.50	4
		50	50	20.05	20.00	19.90	20.50	4
		100	0	20.01	20.00	19.75	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
Channel				20025	20175	20325		
15	QPSK	1	0	23.95	23.93	23.83	24.50	0
		1	36	24.07	24.00	23.92	24.50	0
		1	74	23.99	23.87	23.87	24.50	0
		36	0	22.96	22.95	22.80	23.50	1
		36	18	23.07	23.04	22.88	23.50	1
		36	37	22.98	22.86	22.81	23.50	1
		75	0	23.00	23.00	22.79	23.50	1
15	16-QAM	1	0	22.90	22.99	22.83	23.50	1
		1	36	22.99	22.86	22.85	23.50	1
		1	74	22.94	23.05	22.76	23.50	1
		36	0	22.02	21.98	21.75	22.50	2
		36	18	21.97	21.87	21.85	22.50	2
		36	37	22.00	21.92	21.93	22.50	2
		75	0	21.89	22.04	21.79	22.50	2
15	64-QAM	1	0	22.08	21.94	21.82	22.50	2
		1	36	21.95	21.96	21.90	22.50	2
		1	74	22.06	22.04	21.76	22.50	2
		36	0	20.93	21.04	20.76	21.50	3
		36	18	21.09	21.03	20.80	21.50	3
		36	37	20.92	20.95	20.87	21.50	3
		75	0	21.03	20.91	20.91	21.50	3
15	256-QAM	1	0	21.02	20.92	20.81	21.50	3
		1	36	21.00	20.97	20.92	21.50	3
		1	74	21.07	20.92	20.77	21.50	3
		36	0	19.90	19.96	19.82	20.50	4
		36	18	20.09	19.97	19.77	20.50	4
		36	37	19.95	19.96	19.86	20.50	4
		75	0	19.98	19.97	19.81	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1732.5	1750		
Channel				20000	20175	20350		
10	QPSK	1	0	24.04	23.97	23.75	24.50	0
		1	25	24.08	23.89	23.77	24.50	0
		1	49	24.08	23.96	23.82	24.50	0
		25	0	23.04	22.92	22.89	23.50	1
		25	12	23.08	23.00	22.92	23.50	1
		25	25	22.99	22.96	22.80	23.50	1
		50	0	23.09	22.87	22.93	23.50	1
10	16-QAM	1	0	22.94	23.05	22.87	23.50	1
		1	25	23.01	23.01	22.77	23.50	1
		1	49	23.05	23.02	22.86	23.50	1
		25	0	22.02	22.03	21.86	22.50	2
		25	12	21.90	21.97	21.84	22.50	2
		25	25	22.07	21.89	21.87	22.50	2
		50	0	22.02	22.00	21.78	22.50	2
10	64-QAM	1	0	22.08	21.96	21.91	22.50	2
		1	25	21.94	21.89	21.84	22.50	2
		1	49	21.90	21.93	21.79	22.50	2
		25	0	21.02	20.94	20.94	21.50	3
		25	12	21.03	21.01	20.90	21.50	3
		25	25	21.08	20.87	20.81	21.50	3
		50	0	20.96	20.98	20.80	21.50	3
10	256-QAM	1	0	21.02	20.92	20.85	21.50	3
		1	25	20.93	20.97	20.80	21.50	3
		1	49	21.04	21.02	20.94	21.50	3
		25	0	20.01	19.87	19.89	20.50	4
		25	12	19.95	19.88	19.79	20.50	4
		25	25	20.06	20.02	19.91	20.50	4
		50	0	19.89	19.93	19.82	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	24.03	24.06	23.86	24.50	0
		1	12	23.99	23.96	23.76	24.50	0
		1	24	23.94	24.03	23.92	24.50	0
		12	0	22.97	22.94	22.86	23.50	1
		12	6	22.99	22.96	22.80	23.50	1
		12	13	22.98	22.99	22.79	23.50	1
		25	0	23.06	23.05	22.95	23.50	1
5	16-QAM	1	0	23.05	22.94	22.79	23.50	1
		1	12	23.03	23.00	22.77	23.50	1
		1	24	22.98	23.01	22.80	23.50	1
		12	0	21.97	21.88	21.87	22.50	2
		12	6	21.99	21.90	21.75	22.50	2
		12	13	21.98	22.00	21.76	22.50	2
		25	0	21.98	21.97	21.93	22.50	2
5	64-QAM	1	0	22.01	21.95	21.78	22.50	2
		1	12	21.98	22.02	21.85	22.50	2
		1	24	21.96	21.88	21.93	22.50	2
		12	0	21.02	21.00	20.93	21.50	3
		12	6	21.08	21.02	20.93	21.50	3
		12	13	20.92	21.02	20.84	21.50	3
		25	0	21.08	20.99	20.80	21.50	3
5	256-QAM	1	0	20.94	20.89	20.88	21.50	3
		1	12	20.95	20.88	20.94	21.50	3
		1	24	20.95	20.98	20.92	21.50	3
		12	0	20.03	19.98	19.90	20.50	4
		12	6	19.98	19.96	19.89	20.50	4
		12	13	19.99	20.04	19.89	20.50	4
		25	0	20.05	19.94	19.76	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	23.98	23.87	23.90	24.50	0
		1	7	23.90	23.93	23.87	24.50	0
		1	14	24.07	24.02	23.85	24.50	0
		8	0	23.04	22.96	22.75	23.50	1
		8	4	23.04	23.06	22.77	23.50	1
		8	7	22.90	22.99	22.76	23.50	1
		15	0	23.06	23.02	22.95	23.50	1
3	16-QAM	1	0	23.00	23.04	22.82	23.50	1
		1	7	23.03	22.95	22.89	23.50	1
		1	14	22.98	22.97	22.83	23.50	1
		8	0	21.94	21.93	21.91	22.50	2
		8	4	21.98	21.91	21.77	22.50	2
		8	7	21.92	21.89	21.75	22.50	2
		15	0	22.04	21.97	21.79	22.50	2
3	64-QAM	1	0	22.09	21.98	21.86	22.50	2
		1	7	22.01	21.88	21.91	22.50	2
		1	14	22.06	22.03	21.94	22.50	2
		8	0	21.08	20.97	20.93	21.50	3
		8	4	20.94	20.96	20.95	21.50	3
		8	7	20.96	20.93	20.80	21.50	3
		15	0	20.91	21.00	20.90	21.50	3
3	256-QAM	1	0	21.09	20.94	20.87	21.50	3
		1	7	20.94	20.90	20.94	21.50	3
		1	14	21.09	20.86	20.88	21.50	3
		8	0	19.90	20.05	19.80	20.50	4
		8	4	19.91	19.97	19.80	20.50	4
		8	7	19.94	19.87	19.84	20.50	4
		15	0	20.09	19.95	19.93	20.50	4

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Frequency (MHz)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	24.08	23.92	23.88	24.50	0
		1	2	23.93	24.06	23.94	24.50	0
		1	5	23.90	24.01	23.84	24.50	0
		3	0	23.97	24.02	23.92	24.50	0
		3	2	24.07	24.03	23.94	24.50	0
		3	3	23.91	24.06	23.91	24.50	0
		6	0	22.99	22.90	22.82	23.50	1
1.4	16-QAM	1	0	22.92	22.89	22.80	23.50	1
		1	2	23.07	22.88	22.81	23.50	1
		1	5	22.91	23.05	22.84	23.50	1
		3	0	23.03	22.98	22.93	23.50	1
		3	2	23.08	23.04	22.85	23.50	1
		3	3	22.95	22.97	22.92	23.50	1
		6	0	22.01	22.01	21.84	22.50	2
1.4	64-QAM	1	0	21.96	21.89	21.90	22.50	2
		1	2	22.07	21.98	21.85	22.50	2
		1	5	22.00	21.91	21.81	22.50	2
		3	0	21.98	21.88	21.77	22.50	2
		3	2	22.08	21.89	21.89	22.50	2
		3	3	22.07	21.94	21.91	22.50	2
		6	0	20.97	20.97	20.94	21.50	3
1.4	256-QAM	1	0	21.06	20.89	20.84	21.50	3
		1	2	20.96	21.05	20.75	21.50	3
		1	5	20.89	20.97	20.79	21.50	3
		3	0	20.94	21.01	20.94	21.50	3
		3	2	21.09	20.91	20.83	21.50	3
		3	3	20.97	20.91	20.80	21.50	3
		6	0	20.08	19.89	19.92	20.50	4

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				20450	20525	20600		
10	QPSK	1	0	23.67	23.44	23.39	24.50	0
		1	25	23.50	23.26	23.29	24.50	0
		1	49	23.49	23.30	23.30	24.50	0
		25	0	22.64	22.26	22.21	23.50	1
		25	12	22.65	22.42	22.32	23.50	1
		25	25	22.60	22.33	22.33	23.50	1
		50	0	22.64	22.40	22.32	23.50	1
10	16-QAM	1	0	22.56	22.32	22.25	23.50	1
		1	25	22.46	22.28	22.23	23.50	1
		1	49	22.53	22.39	22.37	23.50	1
		25	0	21.52	21.34	21.23	22.50	2
		25	12	21.59	21.33	21.36	22.50	2
		25	25	21.51	21.41	21.24	22.50	2
		50	0	21.52	21.34	21.34	22.50	2
10	64-QAM	1	0	21.48	21.39	21.34	22.50	2
		1	25	21.55	21.31	21.19	22.50	2
		1	49	21.49	21.24	21.26	22.50	2
		25	0	20.48	20.29	20.27	21.50	3
		25	12	20.49	20.27	20.27	21.50	3
		25	25	20.51	20.34	20.22	21.50	3
		50	0	20.48	20.35	20.25	21.50	3
10	256-QAM	1	0	20.51	20.26	20.21	21.50	3
		1	25	20.64	20.24	20.24	21.50	3
		1	49	20.51	20.32	20.18	21.50	3
		25	0	19.48	19.37	19.18	20.50	4
		25	12	19.62	19.30	19.37	20.50	4
		25	25	19.57	19.39	19.24	20.50	4
		50	0	19.60	19.41	19.27	20.50	4

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Frequency (MHz)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	23.51	23.40	23.31	24.50	0
		1	12	23.59	23.40	23.33	24.50	0
		1	24	23.64	23.32	23.22	24.50	0
		12	0	22.64	22.23	22.35	23.50	1
		12	6	22.56	22.39	22.37	23.50	1
		12	13	22.63	22.38	22.19	23.50	1
		25	0	22.53	22.33	22.21	23.50	1
5	16-QAM	1	0	22.56	22.27	22.24	23.50	1
		1	12	22.61	22.36	22.28	23.50	1
		1	24	22.53	22.30	22.33	23.50	1
		12	0	21.51	21.27	21.36	22.50	2
		12	6	21.54	21.31	21.25	22.50	2
		12	13	21.47	21.24	21.20	22.50	2
		25	0	21.59	21.27	21.21	22.50	2
5	64-QAM	1	0	21.55	21.27	21.37	22.50	2
		1	12	21.48	21.31	21.34	22.50	2
		1	24	21.58	21.34	21.20	22.50	2
		12	0	20.46	20.24	20.20	21.50	3
		12	6	20.66	20.27	20.31	21.50	3
		12	13	20.66	20.36	20.31	21.50	3
		25	0	20.48	20.28	20.23	21.50	3
5	256-QAM	1	0	20.52	20.23	20.33	21.50	3
		1	12	20.51	20.33	20.29	21.50	3
		1	24	20.57	20.36	20.20	21.50	3
		12	0	19.62	19.24	19.32	20.50	4
		12	6	19.62	19.27	19.27	20.50	4
		12	13	19.47	19.27	19.29	20.50	4
		25	0	19.46	19.30	19.33	20.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				825.5	836.5	847.5		
Channel				20415	20525	20635		
3	QPSK	1	0	23.57	23.32	23.34	24.50	0
		1	7	23.65	23.30	23.22	24.50	0
		1	14	23.49	23.43	23.20	24.50	0
		8	0	22.60	22.28	22.22	23.50	1
		8	4	22.63	22.43	22.34	23.50	1
		8	7	22.50	22.27	22.27	23.50	1
		15	0	22.60	22.31	22.36	23.50	1
3	16-QAM	1	0	22.55	22.28	22.32	23.50	1
		1	7	22.58	22.43	22.33	23.50	1
		1	14	22.63	22.35	22.29	23.50	1
		8	0	21.54	21.32	21.29	22.50	2
		8	4	21.55	21.29	21.30	22.50	2
		8	7	21.50	21.29	21.36	22.50	2
		15	0	21.53	21.31	21.20	22.50	2
3	64-QAM	1	0	21.60	21.36	21.24	22.50	2
		1	7	21.58	21.28	21.32	22.50	2
		1	14	21.61	21.38	21.19	22.50	2
		8	0	20.59	20.31	20.26	21.50	3
		8	4	20.57	20.39	20.36	21.50	3
		8	7	20.56	20.40	20.26	21.50	3
		15	0	20.63	20.29	20.29	21.50	3
3	256-QAM	1	0	20.52	20.25	20.23	21.50	3
		1	7	20.46	20.31	20.25	21.50	3
		1	14	20.52	20.39	20.24	21.50	3
		8	0	19.53	19.42	19.19	20.50	4
		8	4	19.51	19.40	19.25	20.50	4
		8	7	19.65	19.30	19.29	20.50	4
		15	0	19.64	19.33	19.34	20.50	4

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	23.49	23.28	23.25	24.50	0
		1	2	23.58	23.29	23.20	24.50	0
		1	5	23.55	23.27	23.26	24.50	0
		3	0	23.56	23.30	23.20	24.50	0
		3	2	23.49	23.32	23.18	24.50	0
		3	3	23.55	23.24	23.21	24.50	0
		6	0	22.48	22.39	22.21	23.50	1
1.4	16-QAM	1	0	22.63	22.26	22.34	23.50	1
		1	2	22.62	22.37	22.37	23.50	1
		1	5	22.55	22.32	22.37	23.50	1
		3	0	22.56	22.31	22.22	23.50	1
		3	2	22.60	22.39	22.23	23.50	1
		3	3	22.58	22.33	22.32	23.50	1
		6	0	21.49	21.31	21.23	22.50	2
1.4	64-QAM	1	0	21.62	21.34	21.28	22.50	2
		1	2	21.53	21.27	21.20	22.50	2
		1	5	21.62	21.42	21.26	22.50	2
		3	0	21.52	21.34	21.22	22.50	2
		3	2	21.51	21.26	21.20	22.50	2
		3	3	21.55	21.35	21.27	22.50	2
		6	0	20.65	20.37	20.19	21.50	3
1.4	256-QAM	1	0	20.56	20.39	20.22	21.50	3
		1	2	20.54	20.33	20.34	21.50	3
		1	5	20.49	20.26	20.31	21.50	3
		3	0	20.61	20.30	20.26	21.50	3
		3	2	20.56	20.38	20.27	21.50	3
		3	3	20.63	20.39	20.31	21.50	3
		6	0	19.58	19.31	19.28	20.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				704	707.5	711		
Channel				23060	23095	23130		
10	QPSK	1	0	23.24	23.31	23.29	24.50	0
		1	25	23.03	23.17	23.22	24.50	0
		1	49	23.17	23.18	23.11	24.50	0
		25	0	22.18	22.26	22.09	23.50	1
		25	12	22.03	22.21	22.28	23.50	1
		25	25	22.18	22.26	22.08	23.50	1
		50	0	22.21	22.28	22.23	23.50	1
10	16-QAM	1	0	22.16	22.23	22.17	23.50	1
		1	25	22.09	22.20	22.10	23.50	1
		1	49	22.15	22.11	22.08	23.50	1
		25	0	21.16	21.22	21.24	22.50	2
		25	12	21.12	21.20	21.13	22.50	2
		25	25	21.22	21.13	21.22	22.50	2
		50	0	21.10	21.23	21.20	22.50	2
10	64-QAM	1	0	21.09	21.15	21.26	22.50	2
		1	25	21.16	21.29	21.22	22.50	2
		1	49	21.21	21.12	21.18	22.50	2
		25	0	20.03	20.14	20.19	21.50	3
		25	12	20.06	20.27	20.19	21.50	3
		25	25	20.19	20.22	20.10	21.50	3
		50	0	20.13	20.17	20.09	21.50	3
10	256-QAM	1	0	20.08	20.15	20.26	21.50	3
		1	25	20.13	20.22	20.23	21.50	3
		1	49	20.23	20.12	20.10	21.50	3
		25	0	19.08	19.20	19.26	20.50	4
		25	12	19.09	19.28	19.13	20.50	4
		25	25	19.08	19.26	19.25	20.50	4
		50	0	19.12	19.20	19.16	20.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				23035	23095	23155		
5	QPSK	1	0	23.15	23.22	23.09	24.50	0
		1	12	23.12	23.18	23.19	24.50	0
		1	24	23.11	23.17	23.21	24.50	0
		12	0	22.09	22.13	22.19	23.50	1
		12	6	22.07	22.20	22.18	23.50	1
		12	13	22.13	22.12	22.17	23.50	1
		25	0	22.12	22.23	22.27	23.50	1
5	16-QAM	1	0	22.12	22.25	22.22	23.50	1
		1	12	22.13	22.26	22.15	23.50	1
		1	24	22.03	22.27	22.11	23.50	1
		12	0	21.11	21.12	21.09	22.50	2
		12	6	21.18	21.11	21.26	22.50	2
		12	13	21.16	21.24	21.22	22.50	2
		25	0	21.11	21.22	21.09	22.50	2
5	64-QAM	1	0	21.11	21.10	21.13	22.50	2
		1	12	21.13	21.24	21.27	22.50	2
		1	24	21.17	21.10	21.26	22.50	2
		12	0	20.16	20.17	20.28	21.50	3
		12	6	20.16	20.25	20.21	21.50	3
		12	13	20.18	20.22	20.20	21.50	3
		25	0	20.06	20.23	20.24	21.50	3
5	256-QAM	1	0	20.15	20.15	20.23	21.50	3
		1	12	20.16	20.21	20.09	21.50	3
		1	24	20.11	20.22	20.20	21.50	3
		12	0	19.15	19.17	19.25	20.50	4
		12	6	19.13	19.24	19.26	20.50	4
		12	13	19.13	19.16	19.10	20.50	4
		25	0	19.16	19.16	19.08	20.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				700.5	707.5	714.5		
Channel				23025	23095	23165		
3	QPSK	1	0	23.16	23.28	23.14	24.50	0
		1	7	23.22	23.21	23.09	24.50	0
		1	14	23.19	23.28	23.22	24.50	0
		8	0	22.18	22.21	22.14	23.50	1
		8	4	22.14	22.13	22.22	23.50	1
		8	7	22.05	22.13	22.26	23.50	1
		15	0	22.16	22.26	22.26	23.50	1
3	16-QAM	1	0	22.14	22.13	22.14	23.50	1
		1	7	22.22	22.15	22.12	23.50	1
		1	14	22.07	22.16	22.23	23.50	1
		8	0	21.10	21.26	21.19	22.50	2
		8	4	21.18	21.24	21.21	22.50	2
		8	7	21.13	21.16	21.16	22.50	2
		15	0	21.09	21.23	21.10	22.50	2
3	64-QAM	1	0	21.03	21.22	21.13	22.50	2
		1	7	21.04	21.12	21.23	22.50	2
		1	14	21.18	21.15	21.21	22.50	2
		8	0	20.16	20.13	20.27	21.50	3
		8	4	20.08	20.19	20.11	21.50	3
		8	7	20.18	20.25	20.28	21.50	3
		15	0	20.21	20.21	20.24	21.50	3
3	256-QAM	1	0	20.15	20.29	20.13	21.50	3
		1	7	20.12	20.21	20.17	21.50	3
		1	14	20.21	20.28	20.26	21.50	3
		8	0	19.19	19.18	19.10	20.50	4
		8	4	19.11	19.15	19.16	20.50	4
		8	7	19.14	19.21	19.17	20.50	4
		15	0	19.18	19.19	19.25	20.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	23.14	23.29	23.20	24.50	0
		1	2	23.17	23.28	23.20	24.50	0
		1	5	23.22	23.29	23.14	24.50	0
		3	0	23.16	23.14	23.27	24.50	0
		3	2	23.14	23.28	23.28	24.50	0
		3	3	23.10	23.17	23.22	24.50	0
		6	0	22.05	22.27	22.25	23.50	1
1.4	16-QAM	1	0	22.10	22.27	22.15	23.50	1
		1	2	22.17	22.29	22.18	23.50	1
		1	5	22.09	22.20	22.16	23.50	1
		3	0	22.12	22.19	22.17	23.50	1
		3	2	22.21	22.15	22.09	23.50	1
		3	3	22.18	22.30	22.23	23.50	1
		6	0	21.22	21.13	21.13	22.50	2
1.4	64-QAM	1	0	21.04	21.18	21.24	22.50	2
		1	2	21.03	21.12	21.27	22.50	2
		1	5	21.17	21.23	21.27	22.50	2
		3	0	21.11	21.15	21.22	22.50	2
		3	2	21.15	21.14	21.20	22.50	2
		3	3	21.18	21.27	21.15	22.50	2
		6	0	20.16	20.28	20.09	21.50	3
1.4	256-QAM	1	0	20.19	20.12	20.19	21.50	3
		1	2	20.20	20.17	20.22	21.50	3
		1	5	20.07	20.28	20.20	21.50	3
		3	0	20.07	20.21	20.20	21.50	3
		3	2	20.05	20.28	20.25	21.50	3
		3	3	20.22	20.17	20.22	21.50	3
		6	0	19.04	19.16	19.22	20.50	4

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					782			
Channel					23230			
10	QPSK	1	0		23.39		24.50	0
		1	25		23.24		24.50	0
		1	49		23.30		24.50	0
		25	0		22.26		23.50	1
		25	12		22.20		23.50	1
		25	25		22.19		23.50	1
		50	0		22.35		23.50	1
10	16-QAM	1	0		22.26		23.50	1
		1	25		22.22		23.50	1
		1	49		22.21		23.50	1
		25	0		21.36		22.50	2
		25	12		21.20		22.50	2
		25	25		21.36		22.50	2
		50	0		21.35		22.50	2
10	64-QAM	1	0		21.37		22.50	2
		1	25		21.29		22.50	2
		1	49		21.36		22.50	2
		25	0		20.23		21.50	3
		25	12		20.22		21.50	3
		25	25		20.22		21.50	3
		50	0		20.22		21.50	3
10	256-QAM	1	0		20.34		21.50	3
		1	25		20.37		21.50	3
		1	49		20.36		21.50	3
		25	0		19.27		20.50	4
		25	12		19.20		20.50	4
		25	25		19.33		20.50	4
		50	0		19.29		20.50	4

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				779.5	782	784.5		
Channel				23205	23230	23255		
5	QPSK	1	0	23.22	23.29	23.19	24.50	0
		1	12	23.12	23.26	23.19	24.50	0
		1	24	23.10	23.24	23.10	24.50	0
		12	0	22.24	22.27	22.13	23.50	1
		12	6	22.23	22.33	22.15	23.50	1
		12	13	22.23	22.19	22.17	23.50	1
		25	0	22.20	22.21	22.11	23.50	1
5	16-QAM	1	0	22.16	22.27	22.21	23.50	1
		1	12	22.10	22.32	22.15	23.50	1
		1	24	22.10	22.32	22.20	23.50	1
		12	0	21.23	21.38	21.24	22.50	2
		12	6	21.24	21.26	21.14	22.50	2
		12	13	21.12	21.18	21.25	22.50	2
		25	0	21.12	21.20	21.16	22.50	2
5	64-QAM	1	0	21.26	21.32	21.08	22.50	2
		1	12	21.16	21.20	21.16	22.50	2
		1	24	21.27	21.33	21.17	22.50	2
		12	0	20.11	20.26	20.09	21.50	3
		12	6	20.19	20.29	20.20	21.50	3
		12	13	20.18	20.34	20.27	21.50	3
		25	0	20.18	20.29	20.13	21.50	3
5	256-QAM	1	0	20.13	20.33	20.10	21.50	3
		1	12	20.24	20.20	20.22	21.50	3
		1	24	20.11	20.23	20.20	21.50	3
		12	0	19.24	19.26	19.13	20.50	4
		12	6	19.07	19.32	19.23	20.50	4
		12	13	19.23	19.36	19.20	20.50	4
		25	0	19.22	19.19	19.10	20.50	4

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LTE Band 14								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					793			
Channel					23330			
10	QPSK	1	0		23.55		24.50	0
		1	25		23.52		24.50	0
		1	49		23.34		24.50	0
		25	0		22.42		23.50	1
		25	12		22.38		23.50	1
		25	25		22.43		23.50	1
		50	0		22.54		23.50	1
10	16-QAM	1	0		22.46		23.50	1
		1	25		22.38		23.50	1
		1	49		22.36		23.50	1
		25	0		21.41		22.50	2
		25	12		21.35		22.50	2
		25	25		21.54		22.50	2
		50	0		21.47		22.50	2
10	64-QAM	1	0		21.46		22.50	2
		1	25		21.51		22.50	2
		1	49		21.49		22.50	2
		25	0		20.37		21.50	3
		25	12		20.36		21.50	3
		25	25		20.44		21.50	3
		50	0		20.37		21.50	3
10	256-QAM	1	0		20.53		21.50	3
		1	25		20.47		21.50	3
		1	49		20.45		21.50	3
		25	0		19.46		20.50	4
		25	12		19.37		20.50	4
		25	25		19.41		20.50	4
		50	0		19.47		20.50	4

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LTE Band 14								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				790.5	793	795.5		
Channel				23305	23330	23355		
5	QPSK	1	0	23.26	23.35	23.17	24.50	0
		1	12	23.25	23.41	23.20	24.50	0
		1	24	23.18	23.41	23.13	24.50	0
		12	0	22.20	22.40	22.25	23.50	1
		12	6	22.15	22.48	22.33	23.50	1
		12	13	22.33	22.50	22.29	23.50	1
		25	0	22.29	22.37	22.25	23.50	1
5	16-QAM	1	0	22.26	22.45	22.16	23.50	1
		1	12	22.23	22.47	22.30	23.50	1
		1	24	22.25	22.37	22.14	23.50	1
		12	0	21.28	21.49	21.19	22.50	2
		12	6	21.26	21.49	21.15	22.50	2
		12	13	21.25	21.36	21.13	22.50	2
		25	0	21.27	21.46	21.24	22.50	2
5	64-QAM	1	0	21.21	21.47	21.14	22.50	2
		1	12	21.21	21.51	21.26	22.50	2
		1	24	21.13	21.46	21.16	22.50	2
		12	0	20.28	20.49	20.28	21.50	3
		12	6	20.26	20.50	20.21	21.50	3
		12	13	20.26	20.47	20.20	21.50	3
		25	0	20.13	20.35	20.18	21.50	3
5	256-QAM	1	0	20.21	20.48	20.24	21.50	3
		1	12	20.21	20.50	20.31	21.50	3
		1	24	20.25	20.34	20.19	21.50	3
		12	0	19.27	19.43	19.27	20.50	4
		12	6	19.32	19.49	19.16	20.50	4
		12	13	19.32	19.40	19.17	20.50	4
		25	0	19.27	19.39	19.19	20.50	4

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				709	710	711		
Channel				23780	23790	23800		
10	QPSK	1	0	23.16	23.27	23.32	24.50	0
		1	25	23.06	23.22	23.25	24.50	0
		1	49	23.05	23.16	23.24	24.50	0
		25	0	22.13	22.13	22.12	23.50	1
		25	12	22.14	22.15	22.28	23.50	1
		25	25	22.04	22.26	22.23	23.50	1
		50	0	22.14	22.18	22.20	23.50	1
10	16-QAM	1	0	22.00	22.20	22.16	23.50	1
		1	25	22.03	22.17	22.23	23.50	1
		1	49	22.07	22.13	22.26	23.50	1
		25	0	21.07	21.22	21.17	22.50	2
		25	12	21.09	21.12	21.27	22.50	2
		25	25	21.08	21.10	21.26	22.50	2
		50	0	21.14	21.21	21.16	22.50	2
10	64-QAM	1	0	21.07	21.15	21.26	22.50	2
		1	25	21.13	21.16	21.16	22.50	2
		1	49	20.99	21.08	21.14	22.50	2
		25	0	19.99	20.11	20.26	21.50	3
		25	12	19.98	20.12	20.23	21.50	3
		25	25	20.14	20.17	20.26	21.50	3
		50	0	20.13	20.19	20.20	21.50	3
10	256-QAM	1	0	20.05	20.11	20.12	21.50	3
		1	25	19.98	20.09	20.22	21.50	3
		1	49	20.05	20.19	20.29	21.50	3
		25	0	18.99	19.09	19.23	20.50	4
		25	12	19.00	19.24	19.22	20.50	4
		25	25	19.02	19.13	19.21	20.50	4
		50	0	19.04	19.06	19.13	20.50	4

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	710	713.5		
Channel				23755	23790	23825		
5	QPSK	1	0	23.02	23.11	23.17	24.50	0
		1	12	23.07	23.20	23.15	24.50	0
		1	24	23.02	23.15	23.16	24.50	0
		12	0	22.00	22.15	22.18	23.50	1
		12	6	21.99	22.22	22.24	23.50	1
		12	13	22.01	22.17	22.19	23.50	1
		25	0	22.05	22.12	22.17	23.50	1
5	16-QAM	1	0	21.99	22.22	22.19	23.50	1
		1	12	22.05	22.25	22.24	23.50	1
		1	24	22.08	22.18	22.16	23.50	1
		12	0	20.95	21.17	21.30	22.50	2
		12	6	21.05	21.16	21.16	22.50	2
		12	13	20.95	21.20	21.23	22.50	2
		25	0	21.05	21.06	21.19	22.50	2
5	64-QAM	1	0	21.10	21.17	21.30	22.50	2
		1	12	21.05	21.15	21.14	22.50	2
		1	24	21.08	21.19	21.24	22.50	2
		12	0	20.02	20.21	20.28	21.50	3
		12	6	20.06	20.10	20.16	21.50	3
		12	13	20.03	20.17	20.26	21.50	3
		25	0	20.00	20.22	20.28	21.50	3
5	256-QAM	1	0	20.04	20.22	20.15	21.50	3
		1	12	19.99	20.18	20.20	21.50	3
		1	24	20.14	20.14	20.11	21.50	3
		12	0	19.00	19.07	19.24	20.50	4
		12	6	19.12	19.19	19.23	20.50	4
		12	13	19.12	19.14	19.19	20.50	4
		25	0	19.02	19.11	19.25	20.50	4

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LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					27710			
10	QPSK	1	0		22.40		23.00	0
		1	25		22.38		23.00	0
		1	49		22.22		23.00	0
		25	0		21.22		22.00	1
		25	12		21.20		22.00	1
		25	25		21.37		22.00	1
		50	0		21.19		22.00	1
10	16-QAM	1	0		21.26		22.00	1
		1	25		21.30		22.00	1
		1	49		21.35		22.00	1
		25	0		20.31		21.00	2
		25	12		20.34		21.00	2
		25	25		20.38		21.00	2
		50	0		20.36		21.00	2
10	64-QAM	1	0		20.23		21.00	2
		1	25		20.24		21.00	2
		1	49		20.28		21.00	2
		25	0		19.27		20.00	3
		25	12		19.35		20.00	3
		25	25		19.21		20.00	3
		50	0		19.35		20.00	3
10	256-QAM	1	0		19.30		20.00	3
		1	25		19.35		20.00	3
		1	49		19.26		20.00	3
		25	0		18.23		19.00	4
		25	12		18.38		19.00	4
		25	25		18.32		19.00	4
		50	0		18.22		19.00	4

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LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				27685	27710	27735		
5	QPSK	1	0	22.16	22.38	22.22	23.00	0
		1	12	22.29	22.34	22.18	23.00	0
		1	24	22.23	22.25	22.26	23.00	0
		12	0	21.28	21.27	21.31	22.00	1
		12	6	21.29	21.19	21.24	22.00	1
		12	13	21.35	21.34	21.30	22.00	1
		25	0	21.25	21.30	21.35	22.00	1
5	16-QAM	1	0	21.28	21.23	21.18	22.00	1
		1	12	21.19	21.21	21.27	22.00	1
		1	24	21.17	21.38	21.25	22.00	1
		12	0	20.29	20.20	20.22	21.00	2
		12	6	20.34	20.23	20.30	21.00	2
		12	13	20.27	20.29	20.34	21.00	2
		25	0	20.20	20.32	20.29	21.00	2
5	64-QAM	1	0	20.22	20.25	20.28	21.00	2
		1	12	20.17	20.32	20.36	21.00	2
		1	24	20.27	20.27	20.17	21.00	2
		12	0	19.28	19.33	19.30	20.00	3
		12	6	19.29	19.25	19.36	20.00	3
		12	13	19.34	19.33	19.24	20.00	3
		25	0	19.29	19.28	19.28	20.00	3
5	256-QAM	1	0	19.23	19.29	19.18	20.00	3
		1	12	19.30	19.36	19.29	20.00	3
		1	24	19.18	19.21	19.22	20.00	3
		12	0	18.20	18.32	18.34	19.00	4
		12	6	18.27	18.22	18.32	19.00	4
		12	13	18.31	18.27	18.21	19.00	4
		25	0	18.35	18.33	18.34	19.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	22.62	22.77	22.58	24.50	0
		1	50	22.58	22.62	22.55	24.50	0
		1	99	22.54	22.74	22.59	24.50	0
		50	0	21.52	21.60	21.55	23.50	1
		50	25	21.54	21.61	21.57	23.50	1
		50	50	21.57	21.70	21.53	23.50	1
		100	0	21.55	21.57	21.52	23.50	1
20	16-QAM	1	0	21.54	21.60	21.56	23.50	1
		1	50	21.57	21.65	21.50	23.50	1
		1	99	21.53	21.67	21.56	23.50	1
		50	0	20.59	20.56	20.54	22.50	2
		50	25	20.52	20.66	20.54	22.50	2
		50	50	20.54	20.76	20.54	22.50	2
		100	0	20.53	20.72	20.50	22.50	2
20	64-QAM	1	0	20.50	20.57	20.58	22.50	2
		1	50	20.56	20.61	20.55	22.50	2
		1	99	20.53	20.75	20.56	22.50	2
		50	0	19.54	19.65	19.58	21.50	3
		50	25	19.58	19.63	19.54	21.50	3
		50	50	19.62	19.67	19.57	21.50	3
		100	0	19.56	19.67	19.55	21.50	3
20	256-QAM	1	0	19.59	19.71	19.56	21.50	3
		1	50	19.56	19.68	19.52	21.50	3
		1	99	19.53	19.70	19.57	21.50	3
		50	0	18.57	18.64	18.51	20.50	4
		50	25	18.55	18.74	18.52	20.50	4
		50	50	18.57	18.63	18.58	20.50	4
		100	0	18.60	18.58	18.59	20.50	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	22.58	22.62	22.59	24.50	0
		1	36	22.71	22.56	22.63	24.50	0
		1	74	22.66	22.63	22.61	24.50	0
		36	0	21.66	21.69	21.62	23.50	1
		36	18	21.57	21.69	21.56	23.50	1
		36	37	21.67	21.68	21.59	23.50	1
		75	0	21.63	21.71	21.65	23.50	1
15	16-QAM	1	0	21.64	21.61	21.65	23.50	1
		1	36	21.66	21.61	21.64	23.50	1
		1	74	21.69	21.62	21.59	23.50	1
		36	0	20.56	20.58	20.58	22.50	2
		36	18	20.52	20.62	20.63	22.50	2
		36	37	20.54	20.58	20.51	22.50	2
		75	0	20.61	20.56	20.63	22.50	2
15	64-QAM	1	0	20.60	20.64	20.57	22.50	2
		1	36	20.54	20.73	20.61	22.50	2
		1	74	20.56	20.59	20.57	22.50	2
		36	0	19.59	19.59	19.65	21.50	3
		36	18	19.68	19.64	19.58	21.50	3
		36	37	19.71	19.71	19.54	21.50	3
		75	0	19.60	19.74	19.59	21.50	3
15	256-QAM	1	0	19.60	19.56	19.55	21.50	3
		1	36	19.68	19.61	19.57	21.50	3
		1	74	19.63	19.65	19.64	21.50	3
		36	0	18.70	18.75	18.54	20.50	4
		36	18	18.69	18.73	18.52	20.50	4
		36	37	18.57	18.74	18.54	20.50	4
		75	0	18.59	18.75	18.51	20.50	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				132022	132322	132622		
10	QPSK	1	0	22.64	22.66	22.52	24.50	0
		1	25	22.51	22.59	22.64	24.50	0
		1	49	22.67	22.61	22.63	24.50	0
		25	0	21.63	21.70	21.60	23.50	1
		25	12	21.51	21.71	21.56	23.50	1
		25	25	21.68	21.71	21.67	23.50	1
		50	0	21.70	21.69	21.57	23.50	1
10	16-QAM	1	0	21.52	21.62	21.58	23.50	1
		1	25	21.68	21.67	21.59	23.50	1
		1	49	21.61	21.71	21.51	23.50	1
		25	0	20.53	20.57	20.53	22.50	2
		25	12	20.64	20.65	20.55	22.50	2
		25	25	20.62	20.61	20.59	22.50	2
		50	0	20.64	20.63	20.61	22.50	2
10	64-QAM	1	0	20.70	20.74	20.60	22.50	2
		1	25	20.53	20.59	20.62	22.50	2
		1	49	20.65	20.68	20.51	22.50	2
		25	0	19.60	19.64	19.58	21.50	3
		25	12	19.57	19.70	19.64	21.50	3
		25	25	19.71	19.66	19.60	21.50	3
		50	0	19.58	19.67	19.55	21.50	3
10	256-QAM	1	0	19.52	19.66	19.62	21.50	3
		1	25	19.58	19.62	19.58	21.50	3
		1	49	19.61	19.71	19.56	21.50	3
		25	0	18.64	18.70	18.55	20.50	4
		25	12	18.60	18.61	18.51	20.50	4
		25	25	18.59	18.75	18.58	20.50	4
		50	0	18.66	18.61	18.52	20.50	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	22.59	22.74	22.55	24.50	0
		1	12	22.65	22.72	22.58	24.50	0
		1	24	22.68	22.70	22.66	24.50	0
		12	0	21.65	21.66	21.52	23.50	1
		12	6	21.68	21.57	21.51	23.50	1
		12	13	21.60	21.66	21.55	23.50	1
		25	0	21.69	21.69	21.67	23.50	1
5	16-QAM	1	0	21.64	21.59	21.60	23.50	1
		1	12	21.58	21.67	21.51	23.50	1
		1	24	21.56	21.66	21.57	23.50	1
		12	0	20.55	20.63	20.54	22.50	2
		12	6	20.68	20.76	20.53	22.50	2
		12	13	20.55	20.70	20.60	22.50	2
		25	0	20.51	20.62	20.62	22.50	2
5	64-QAM	1	0	20.55	20.73	20.53	22.50	2
		1	12	20.62	20.70	20.58	22.50	2
		1	24	20.52	20.66	20.61	22.50	2
		12	0	19.62	19.57	19.50	21.50	3
		12	6	19.59	19.58	19.59	21.50	3
		12	13	19.63	19.62	19.64	21.50	3
		25	0	19.69	19.64	19.56	21.50	3
5	256-QAM	1	0	19.53	19.71	19.53	21.50	3
		1	12	19.64	19.57	19.66	21.50	3
		1	24	19.63	19.56	19.56	21.50	3
		12	0	18.58	18.61	18.58	20.50	4
		12	6	18.51	18.59	18.59	20.50	4
		12	13	18.71	18.59	18.57	20.50	4
		25	0	18.64	18.68	18.53	20.50	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	22.54	22.65	22.51	24.50	0
		1	7	22.70	22.75	22.60	24.50	0
		1	14	22.67	22.59	22.51	24.50	0
		8	0	21.56	21.63	21.64	23.50	1
		8	4	21.57	21.65	21.60	23.50	1
		8	7	21.67	21.64	21.51	23.50	1
		15	0	21.65	21.66	21.58	23.50	1
3	16-QAM	1	0	21.55	21.67	21.57	23.50	1
		1	7	21.62	21.72	21.53	23.50	1
		1	14	21.61	21.65	21.58	23.50	1
		8	0	20.55	20.58	20.65	22.50	2
		8	4	20.53	20.59	20.51	22.50	2
		8	7	20.58	20.69	20.59	22.50	2
		15	0	20.58	20.60	20.67	22.50	2
3	64-QAM	1	0	20.66	20.62	20.56	22.50	2
		1	7	20.53	20.60	20.62	22.50	2
		1	14	20.69	20.64	20.55	22.50	2
		8	0	19.54	19.66	19.54	21.50	3
		8	4	19.62	19.63	19.50	21.50	3
		8	7	19.62	19.69	19.56	21.50	3
		15	0	19.60	19.62	19.50	21.50	3
3	256-QAM	1	0	19.70	19.61	19.60	21.50	3
		1	7	19.68	19.61	19.57	21.50	3
		1	14	19.53	19.66	19.65	21.50	3
		8	0	18.63	18.76	18.66	20.50	4
		8	4	18.58	18.73	18.58	20.50	4
		8	7	18.53	18.67	18.63	20.50	4
		15	0	18.59	18.61	18.55	20.50	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1745	1779.3		
Channel				131979	132322	132665		
1.4	QPSK	1	0	22.66	22.73	22.55	24.50	0
		1	2	22.55	22.66	22.57	24.50	0
		1	5	22.62	22.70	22.56	24.50	0
		3	0	22.70	22.70	22.55	24.50	0
		3	2	22.54	22.65	22.57	24.50	0
		3	3	22.56	22.69	22.54	24.50	0
		6	0	21.67	21.64	21.66	23.50	1
1.4	16-QAM	1	0	21.54	21.68	21.53	23.50	1
		1	2	21.68	21.69	21.57	23.50	1
		1	5	21.60	21.75	21.64	23.50	1
		3	0	21.52	21.73	21.54	23.50	1
		3	2	21.52	21.59	21.54	23.50	1
		3	3	21.52	21.64	21.62	23.50	1
		6	0	20.67	20.67	20.55	22.50	2
1.4	64-QAM	1	0	20.66	20.73	20.66	22.50	2
		1	2	20.54	20.69	20.65	22.50	2
		1	5	20.52	20.65	20.59	22.50	2
		3	0	20.56	20.64	20.64	22.50	2
		3	2	20.66	20.63	20.61	22.50	2
		3	3	20.64	20.72	20.64	22.50	2
		6	0	19.66	19.71	19.57	21.50	3
1.4	256-QAM	1	0	19.56	19.61	19.54	21.50	3
		1	2	19.55	19.69	19.65	21.50	3
		1	5	19.58	19.57	19.62	21.50	3
		3	0	19.57	19.62	19.64	21.50	3
		3	2	19.69	19.63	19.64	21.50	3
		3	3	19.70	19.68	19.62	21.50	3
		6	0	18.51	18.58	18.63	20.50	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				133222	133297	133372		
20	QPSK	1	0	23.93	24.09	23.84	24.50	0
		1	50	23.75	24.06	23.73	24.50	0
		1	99	23.79	24.00	23.76	24.50	0
		50	0	22.72	22.89	22.76	23.50	1
		50	25	22.86	23.02	22.67	23.50	1
		50	50	22.74	23.04	22.63	23.50	1
		100	0	22.84	22.99	22.63	23.50	1
20	16-QAM	1	0	22.74	23.01	22.75	23.50	1
		1	50	22.81	22.91	22.82	23.50	1
		1	99	22.82	23.03	22.66	23.50	1
		50	0	21.82	21.96	21.77	22.50	2
		50	25	21.81	22.07	21.67	22.50	2
		50	50	21.90	22.06	21.65	22.50	2
		100	0	21.91	22.04	21.67	22.50	2
20	64-QAM	1	0	21.79	22.05	21.76	22.50	2
		1	50	21.74	21.89	21.75	22.50	2
		1	99	21.89	21.92	21.76	22.50	2
		50	0	20.85	20.99	20.72	21.50	3
		50	25	20.73	20.92	20.82	21.50	3
		50	50	20.87	20.91	20.80	21.50	3
		100	0	20.81	21.01	20.74	21.50	3
20	256-QAM	1	0	20.79	20.96	20.79	21.50	3
		1	50	20.78	20.89	20.67	21.50	3
		1	99	20.73	21.06	20.75	21.50	3
		50	0	19.76	20.03	19.80	20.50	4
		50	25	19.76	19.92	19.75	20.50	4
		50	50	19.88	19.90	19.78	20.50	4
		100	0	19.77	19.93	19.63	20.50	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				133197	133297	133397		
15	QPSK	1	0	23.89	24.05	23.68	24.50	0
		1	36	23.74	23.92	23.78	24.50	0
		1	74	23.87	23.89	23.80	24.50	0
		36	0	22.79	23.06	22.64	23.50	1
		36	18	22.81	23.05	22.66	23.50	1
		36	37	22.86	22.98	22.72	23.50	1
		75	0	22.74	22.98	22.73	23.50	1
15	16-QAM	1	0	22.84	22.94	22.73	23.50	1
		1	36	22.90	22.96	22.64	23.50	1
		1	74	22.86	22.96	22.66	23.50	1
		36	0	21.84	22.02	21.82	22.50	2
		36	18	21.86	21.92	21.80	22.50	2
		36	37	21.89	22.06	21.70	22.50	2
		75	0	21.72	21.98	21.69	22.50	2
15	64-QAM	1	0	21.88	22.05	21.69	22.50	2
		1	36	21.75	21.90	21.82	22.50	2
		1	74	21.79	21.99	21.79	22.50	2
		36	0	20.86	20.92	20.81	21.50	3
		36	18	20.74	21.05	20.81	21.50	3
		36	37	20.78	21.07	20.69	21.50	3
		75	0	20.76	20.95	20.74	21.50	3
15	256-QAM	1	0	20.76	21.07	20.67	21.50	3
		1	36	20.78	21.06	20.70	21.50	3
		1	74	20.84	21.01	20.82	21.50	3
		36	0	19.89	20.07	19.71	20.50	4
		36	18	19.82	19.92	19.66	20.50	4
		36	37	19.83	19.90	19.64	20.50	4
		75	0	19.86	20.05	19.81	20.50	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133172	133297	133422		
10	QPSK	1	0	23.80	24.03	23.67	24.50	0
		1	25	23.92	23.92	23.80	24.50	0
		1	49	23.72	23.96	23.79	24.50	0
		25	0	22.86	22.97	22.64	23.50	1
		25	12	22.85	23.01	22.73	23.50	1
		25	25	22.87	22.98	22.78	23.50	1
		50	0	22.90	22.93	22.71	23.50	1
10	16-QAM	1	0	22.89	23.08	22.80	23.50	1
		1	25	22.86	23.06	22.67	23.50	1
		1	49	22.73	23.07	22.66	23.50	1
		25	0	21.74	21.97	21.69	22.50	2
		25	12	21.77	22.07	21.63	22.50	2
		25	25	21.76	22.01	21.65	22.50	2
		50	0	21.75	21.98	21.69	22.50	2
10	64-QAM	1	0	21.86	21.98	21.73	22.50	2
		1	25	21.74	22.00	21.80	22.50	2
		1	49	21.78	21.97	21.75	22.50	2
		25	0	20.89	20.90	20.66	21.50	3
		25	12	20.79	20.96	20.80	21.50	3
		25	25	20.92	20.99	20.67	21.50	3
		50	0	20.85	20.92	20.83	21.50	3
10	256-QAM	1	0	20.83	21.06	20.66	21.50	3
		1	25	20.79	20.88	20.82	21.50	3
		1	49	20.74	20.91	20.83	21.50	3
		25	0	19.92	19.95	19.81	20.50	4
		25	12	19.83	19.91	19.80	20.50	4
		25	25	19.89	20.06	19.81	20.50	4
		50	0	19.84	20.01	19.70	20.50	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	23.79	23.94	23.81	24.50	0
		1	12	23.74	24.03	23.72	24.50	0
		1	24	23.76	24.07	23.66	24.50	0
		12	0	22.73	23.03	22.70	23.50	1
		12	6	22.89	22.93	22.73	23.50	1
		12	13	22.79	22.94	22.74	23.50	1
		25	0	22.73	23.05	22.71	23.50	1
5	16-QAM	1	0	22.80	22.94	22.65	23.50	1
		1	12	22.84	22.88	22.81	23.50	1
		1	24	22.76	22.98	22.64	23.50	1
		12	0	21.79	22.01	21.77	22.50	2
		12	6	21.78	21.98	21.74	22.50	2
		12	13	21.83	21.88	21.82	22.50	2
		25	0	21.80	22.03	21.64	22.50	2
5	64-QAM	1	0	21.83	21.93	21.69	22.50	2
		1	12	21.80	22.08	21.75	22.50	2
		1	24	21.84	21.95	21.64	22.50	2
		12	0	20.84	20.91	20.69	21.50	3
		12	6	20.82	21.02	20.82	21.50	3
		12	13	20.81	20.89	20.66	21.50	3
		25	0	20.77	21.08	20.73	21.50	3
5	256-QAM	1	0	20.85	21.03	20.79	21.50	3
		1	12	20.83	20.89	20.68	21.50	3
		1	24	20.84	20.90	20.65	21.50	3
		12	0	19.80	20.02	19.76	20.50	4
		12	6	19.91	19.88	19.73	20.50	4
		12	13	19.78	20.02	19.73	20.50	4
		25	0	19.73	19.88	19.71	20.50	4

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7.2 TDD LTE

LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	24.25	24.34	24.26	23.78	23.94	25.00	0
		1	50	24.07	24.24	24.08	23.74	23.76	25.00	0
		1	99	24.10	24.32	24.21	23.64	23.85	25.00	0
		50	0	23.21	23.20	23.08	22.69	22.93	24.00	1
		50	25	23.18	23.22	23.22	22.66	22.89	24.00	1
		50	50	23.06	23.21	23.13	22.57	22.73	24.00	1
20	16-QAM	100	0	23.14	23.27	23.21	22.68	22.92	24.00	1
		1	0	23.16	23.28	23.17	22.74	22.82	24.00	1
		1	50	23.14	23.29	23.17	22.71	22.92	24.00	1
		1	99	23.11	23.32	23.05	22.75	22.75	24.00	1
		50	0	22.19	22.23	22.22	21.61	21.78	23.00	2
		50	25	22.11	22.26	22.24	21.70	21.92	23.00	2
20	64-QAM	50	50	22.15	22.19	22.14	21.58	21.80	23.00	2
		100	0	22.22	22.31	22.15	21.69	21.80	23.00	2
		1	0	22.13	22.33	22.17	21.66	21.79	23.00	2
		1	50	22.17	22.18	22.24	21.62	21.75	23.00	2
		1	99	22.15	22.14	22.12	21.72	21.76	23.00	2
		50	0	21.12	21.13	21.17	20.75	20.92	22.00	3
20	256-QAM	50	25	21.10	21.22	21.21	20.65	20.74	22.00	3
		50	50	21.07	21.27	21.25	20.60	20.82	22.00	3
		100	0	21.12	21.25	21.22	20.69	20.82	22.00	3
		1	0	21.06	21.29	21.07	20.69	20.82	22.00	3
		1	50	21.09	21.14	21.08	20.63	20.79	22.00	3
		1	99	21.07	21.29	21.24	20.64	20.86	22.00	3
20		50	0	20.04	20.24	20.07	19.74	19.92	21.00	4
		50	25	20.15	20.23	20.12	19.66	19.83	21.00	4
		50	50	20.06	20.26	20.19	19.69	19.75	21.00	4
		100	0	20.22	20.16	20.06	19.63	19.89	21.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	24.21	24.27	24.13	23.58	23.86	25.00	0
		1	36	24.18	24.31	24.20	23.63	23.76	25.00	0
		1	74	24.13	24.29	24.14	23.69	23.87	25.00	0
		36	0	23.23	23.32	23.19	22.61	22.86	24.00	1
		36	18	23.11	23.24	23.11	22.65	22.85	24.00	1
		36	37	23.20	23.31	23.07	22.61	22.80	24.00	1
15	16-QAM	75	0	23.09	23.25	23.24	22.68	22.87	24.00	1
		1	0	23.09	23.28	23.08	22.64	22.82	24.00	1
		1	36	23.04	23.20	23.06	22.73	22.83	24.00	1
		1	74	23.10	23.16	23.09	22.61	22.84	24.00	1
		36	0	22.24	22.28	22.19	21.74	21.87	23.00	2
		36	18	22.15	22.33	22.12	21.62	21.87	23.00	2
15	64-QAM	36	37	22.12	22.29	22.14	21.76	21.92	23.00	2
		75	0	22.06	22.22	22.23	21.62	21.89	23.00	2
		1	0	22.14	22.27	22.21	21.77	21.86	23.00	2
		1	36	22.10	22.33	22.05	21.69	21.80	23.00	2
		1	74	22.19	22.28	22.09	21.73	21.92	23.00	2
		36	0	21.08	21.23	21.11	20.60	20.89	22.00	3
15	256-QAM	36	18	21.13	21.18	21.13	20.62	20.88	22.00	3
		36	37	21.17	21.30	21.17	20.61	20.88	22.00	3
		75	0	21.24	21.30	21.10	20.58	20.81	22.00	3
		1	0	21.12	21.13	21.21	20.59	20.92	22.00	3
		1	36	21.21	21.33	21.09	20.58	20.80	22.00	3
		1	74	21.14	21.20	21.06	20.60	20.88	22.00	3
15		36	0	20.11	20.31	20.19	19.72	19.89	21.00	4
		36	18	20.23	20.29	20.19	19.58	19.88	21.00	4
		36	37	20.14	20.23	20.08	19.66	19.89	21.00	4
		75	0	20.11	20.25	20.19	19.61	19.83	21.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	24.09	24.23	24.21	23.72	23.89	25.00	0
		1	25	24.14	24.18	24.15	23.70	23.88	25.00	0
		1	49	24.05	24.25	24.06	23.71	23.87	25.00	0
		25	0	23.05	23.18	23.24	22.64	22.92	24.00	1
		25	12	23.12	23.19	23.12	22.71	22.86	24.00	1
		25	25	23.05	23.32	23.09	22.62	22.91	24.00	1
10	16-QAM	50	0	23.19	23.22	23.10	22.72	22.84	24.00	1
		1	0	23.10	23.28	23.20	22.63	22.81	24.00	1
		1	25	23.08	23.29	23.15	22.61	22.86	24.00	1
		1	49	23.18	23.19	23.15	22.75	22.75	24.00	1
		25	0	22.05	22.23	22.14	21.75	21.85	23.00	2
		25	12	22.14	22.16	22.10	21.75	21.80	23.00	2
10	64-QAM	25	25	22.07	22.25	22.15	21.68	21.77	23.00	2
		50	0	22.08	22.29	22.14	21.76	21.81	23.00	2
		1	0	22.09	22.27	22.18	21.72	21.91	23.00	2
		1	25	22.17	22.25	22.16	21.66	21.73	23.00	2
		1	49	22.20	22.28	22.05	21.58	21.91	23.00	2
		25	0	21.10	21.14	21.15	20.76	20.88	22.00	3
10	256-QAM	25	12	21.05	21.33	21.11	20.62	20.85	22.00	3
		25	25	21.11	21.28	21.12	20.66	20.82	22.00	3
		50	0	21.10	21.24	21.06	20.63	20.81	22.00	3
		1	0	21.17	21.29	21.11	20.72	20.90	22.00	3
		1	25	21.09	21.31	21.12	20.57	20.81	22.00	3
		1	49	21.08	21.31	21.08	20.75	20.89	22.00	3
10		25	0	20.12	20.14	20.17	19.70	19.81	21.00	4
		25	12	20.13	20.17	20.13	19.65	19.86	21.00	4
		25	25	20.14	20.32	20.22	19.60	19.87	21.00	4
		50	0	20.21	20.31	20.20	19.75	19.76	21.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	24.06	24.13	24.18	23.67	23.84	25.00	0
		1	12	24.19	24.18	24.24	23.68	23.73	25.00	0
		1	24	24.16	24.26	24.23	23.62	23.75	25.00	0
		12	0	23.06	23.19	23.16	22.72	22.87	24.00	1
		12	6	23.13	23.14	23.09	22.66	22.84	24.00	1
		12	13	23.09	23.20	23.16	22.65	22.93	24.00	1
5	16-QAM	25	0	23.12	23.29	23.24	22.63	22.82	24.00	1
		1	0	23.07	23.27	23.16	22.67	22.88	24.00	1
		1	12	23.05	23.13	23.17	22.60	22.80	24.00	1
		1	24	23.13	23.32	23.23	22.75	22.90	24.00	1
		12	0	22.12	22.27	22.24	21.68	21.77	23.00	2
		12	6	22.18	22.14	22.19	21.62	21.89	23.00	2
5	64-QAM	12	13	22.13	22.30	22.11	21.61	21.74	23.00	2
		25	0	22.07	22.32	22.13	21.64	21.75	23.00	2
		1	0	22.16	22.21	22.21	21.60	21.86	23.00	2
		1	12	22.19	22.23	22.09	21.64	21.75	23.00	2
		1	24	22.11	22.29	22.11	21.68	21.82	23.00	2
		12	0	21.15	21.31	21.11	20.75	20.84	22.00	3
5	256-QAM	12	6	21.19	21.20	21.22	20.68	20.90	22.00	3
		12	13	21.22	21.16	21.14	20.72	20.74	22.00	3
		25	0	21.22	21.21	21.07	20.68	20.84	22.00	3
		1	0	21.07	21.30	21.17	20.60	20.84	22.00	3
		1	12	21.12	21.22	21.18	20.61	20.83	22.00	3
		1	24	21.22	21.15	21.09	20.61	20.76	22.00	3
5		12	0	20.20	20.24	20.13	19.59	19.84	21.00	4
		12	6	20.13	20.25	20.24	19.68	19.88	21.00	4
		12	13	20.16	20.32	20.13	19.60	19.75	21.00	4
		25	0	20.10	20.24	20.09	19.67	19.92	21.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	26.16	25.83	26.05	25.64	26.82	27.00	0
		1	50	26.02	25.71	25.86	25.62	26.61	27.00	0
		1	99	26.00	25.70	26.03	25.52	26.72	27.00	0
		50	0	24.98	24.63	24.87	24.58	25.66	26.00	1
		50	25	25.09	24.68	25.00	24.51	25.67	26.00	1
		50	50	25.05	24.72	24.85	24.46	25.67	26.00	1
20	16-QAM	100	0	24.98	24.81	24.89	24.61	25.79	26.00	1
		1	0	25.08	24.74	24.99	24.52	25.64	26.00	1
		1	50	24.97	24.67	24.94	24.50	25.71	26.00	1
		1	99	25.00	24.81	24.85	24.48	25.64	26.00	1
		50	0	24.01	23.63	23.93	23.47	24.66	25.00	2
		50	25	23.97	23.79	23.91	23.62	24.74	25.00	2
20	64-QAM	50	50	24.05	23.80	23.90	23.60	24.66	25.00	2
		100	0	24.04	23.78	23.99	23.53	24.67	25.00	2
		1	0	24.09	23.71	23.97	23.50	24.75	25.00	2
		1	50	24.07	23.75	23.96	23.49	24.63	25.00	2
		1	99	24.12	23.80	23.92	23.62	24.75	25.00	2
		50	0	23.05	22.68	22.88	22.51	23.62	24.00	3
20	256-QAM	50	25	23.14	22.81	22.89	22.52	23.68	24.00	3
		50	50	23.04	22.69	22.95	22.49	23.63	24.00	3
		100	0	23.00	22.64	23.03	22.52	23.75	24.00	3
		1	0	23.03	22.75	22.89	22.56	23.63	24.00	3
		1	50	23.05	22.79	22.93	22.54	23.65	24.00	3
		1	99	23.00	22.73	22.95	22.61	23.67	24.00	3
20	256-QAM	50	0	22.12	21.75	21.98	21.51	22.69	23.00	4
		50	25	22.09	21.77	21.94	21.49	22.69	23.00	4
		50	50	22.01	21.81	21.93	21.51	22.66	23.00	4
		100	0	22.10	21.79	22.02	21.47	22.62	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	26.03	25.81	26.02	25.54	26.69	27.00	0
		1	36	26.03	25.81	25.84	25.59	26.62	27.00	0
		1	74	25.96	25.75	26.01	25.56	26.64	27.00	0
		36	0	25.02	24.80	24.97	24.51	25.70	26.00	1
		36	18	25.04	24.67	24.93	24.62	25.78	26.00	1
		36	37	25.03	24.63	24.90	24.60	25.67	26.00	1
		75	0	25.04	24.74	24.93	24.48	25.76	26.00	1
15	16-QAM	1	0	25.05	24.76	25.02	24.57	25.76	26.00	1
		1	36	25.09	24.78	25.00	24.62	25.73	26.00	1
		1	74	25.09	24.62	25.01	24.51	25.80	26.00	1
		36	0	23.99	23.67	23.90	23.50	24.66	25.00	2
		36	18	24.02	23.77	23.89	23.49	24.79	25.00	2
		36	37	24.02	23.77	23.88	23.47	24.68	25.00	2
		75	0	23.97	23.72	23.88	23.58	24.66	25.00	2
15	64-QAM	1	0	24.03	23.74	23.84	23.50	24.70	25.00	2
		1	36	24.03	23.82	23.95	23.50	24.74	25.00	2
		1	74	24.02	23.69	23.99	23.62	24.65	25.00	2
		36	0	22.98	22.63	22.93	22.56	23.61	24.00	3
		36	18	23.07	22.69	22.89	22.52	23.68	24.00	3
		36	37	23.07	22.78	22.89	22.59	23.80	24.00	3
		75	0	22.99	22.70	22.91	22.61	23.66	24.00	3
15	256-QAM	1	0	23.07	22.68	23.00	22.57	23.70	24.00	3
		1	36	22.97	22.76	22.84	22.55	23.79	24.00	3
		1	74	23.05	22.81	22.87	22.47	23.62	24.00	3
		36	0	22.14	21.62	21.85	21.49	22.71	23.00	4
		36	18	21.95	21.80	21.95	21.52	22.69	23.00	4
		36	37	21.97	21.78	21.90	21.58	22.68	23.00	4
		75	0	21.99	21.65	21.87	21.44	22.66	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	26.11	25.75	25.91	25.54	26.63	27.00	0
		1	25	26.03	25.69	25.99	25.45	26.80	27.00	0
		1	49	26.00	25.80	25.97	25.54	26.75	27.00	0
		25	0	25.03	24.77	25.01	24.49	25.63	26.00	1
		25	12	24.98	24.75	25.04	24.51	25.78	26.00	1
		25	25	25.11	24.71	24.96	24.46	25.77	26.00	1
10	16-QAM	50	0	25.11	24.64	24.95	24.54	25.74	26.00	1
		1	0	25.01	24.68	25.00	24.48	25.81	26.00	1
		1	25	25.13	24.80	25.03	24.58	25.61	26.00	1
		1	49	25.12	24.65	24.97	24.54	25.68	26.00	1
		25	0	24.11	23.65	23.94	23.50	24.67	25.00	2
		25	12	23.99	23.64	24.01	23.52	24.67	25.00	2
10	64-QAM	25	25	24.04	23.65	23.90	23.59	24.73	25.00	2
		50	0	23.96	23.63	23.88	23.47	24.81	25.00	2
		1	0	23.98	23.63	23.95	23.48	24.80	25.00	2
		1	25	24.05	23.78	23.89	23.60	24.63	25.00	2
		1	49	24.02	23.76	23.98	23.55	24.70	25.00	2
		25	0	22.97	22.77	22.87	22.55	23.67	24.00	3
10	256-QAM	25	12	23.13	22.72	23.00	22.44	23.67	24.00	3
		25	25	22.98	22.73	22.96	22.57	23.81	24.00	3
		50	0	23.03	22.70	23.04	22.63	23.78	24.00	3
		1	0	23.11	22.68	22.93	22.59	23.68	24.00	3
		1	25	23.01	22.66	22.99	22.47	23.74	24.00	3
		1	49	23.08	22.82	22.93	22.46	23.62	24.00	3
10	256-QAM	25	0	22.09	21.68	21.97	21.53	22.76	23.00	4
		25	12	22.06	21.76	21.91	21.54	22.64	23.00	4
		25	25	21.95	21.82	21.96	21.60	22.71	23.00	4
		50	0	22.10	21.72	22.00	21.56	22.79	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	26.11	25.63	25.98	25.55	26.74	27.00	0
		1	12	26.03	25.64	25.88	25.45	26.64	27.00	0
		1	24	26.13	25.81	25.97	25.59	26.62	27.00	0
		12	0	25.08	24.69	24.98	24.47	25.78	26.00	1
		12	6	25.01	24.66	25.00	24.58	25.68	26.00	1
		12	13	25.14	24.71	24.90	24.55	25.72	26.00	1
5	16-QAM	25	0	24.98	24.66	24.91	24.62	25.67	26.00	1
		1	0	25.12	24.70	24.88	24.54	25.66	26.00	1
		1	12	25.06	24.64	25.02	24.49	25.65	26.00	1
		1	24	25.09	24.66	25.01	24.47	25.69	26.00	1
		12	0	24.00	23.81	24.03	23.54	24.61	25.00	2
		12	6	24.01	23.72	23.92	23.46	24.77	25.00	2
5	64-QAM	12	13	23.97	23.70	24.03	23.58	24.79	25.00	2
		25	0	24.03	23.69	23.93	23.62	24.71	25.00	2
		1	0	24.06	23.64	24.02	23.49	24.78	25.00	2
		1	12	23.97	23.71	23.86	23.55	24.65	25.00	2
		1	24	23.96	23.65	23.99	23.55	24.66	25.00	2
		12	0	23.01	22.72	22.88	22.55	23.68	24.00	3
5	256-QAM	12	6	23.01	22.75	22.95	22.57	23.71	24.00	3
		12	13	22.95	22.72	23.00	22.46	23.64	24.00	3
		25	0	23.02	22.71	22.96	22.58	23.75	24.00	3
		1	0	23.08	22.68	22.95	22.55	23.73	24.00	3
		1	12	22.96	22.76	22.98	22.51	23.64	24.00	3
		1	24	23.15	22.78	22.86	22.45	23.62	24.00	3
5	256-QAM	12	0	22.02	21.70	22.04	21.56	22.79	23.00	4
		12	6	22.04	21.80	21.90	21.61	22.81	23.00	4
		12	13	22.05	21.64	21.93	21.53	22.70	23.00	4
		25	0	21.97	21.80	22.00	21.46	22.72	23.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	21.71	21.77	21.69	21.64	22.50	0
		1	50	21.55	21.67	21.58	21.57	22.50	0
		1	99	21.69	21.70	21.59	21.61	22.50	0
		50	0	20.64	20.59	20.62	20.59	21.50	1
		50	25	20.66	20.62	20.49	20.62	21.50	1
		50	50	20.52	20.63	20.53	20.50	21.50	1
		100	0	20.65	20.61	20.66	20.58	21.50	1
20	16-QAM	1	0	20.63	20.57	20.53	20.48	21.50	1
		1	50	20.59	20.63	20.54	20.57	21.50	1
		1	99	20.63	20.64	20.54	20.57	21.50	1
		50	0	19.54	19.59	19.65	19.49	20.50	2
		50	25	19.52	19.59	19.60	19.51	20.50	2
		50	50	19.67	19.72	19.60	19.46	20.50	2
		100	0	19.57	19.68	19.66	19.57	20.50	2
20	64-QAM	1	0	19.68	19.69	19.56	19.43	20.50	2
		1	50	19.57	19.68	19.61	19.54	20.50	2
		1	99	19.51	19.64	19.51	19.46	20.50	2
		50	0	18.59	18.70	18.49	18.52	19.50	3
		50	25	18.58	18.75	18.58	18.49	19.50	3
		50	50	18.52	18.71	18.50	18.61	19.50	3
		100	0	18.69	18.76	18.63	18.53	19.50	3
20	256-QAM	1	0	18.51	18.62	18.64	18.56	19.50	3
		1	50	18.65	18.66	18.51	18.53	19.50	3
		1	99	18.54	18.62	18.60	18.62	19.50	3
		50	0	17.56	17.74	17.57	17.60	18.50	4
		50	25	17.58	17.73	17.61	17.61	18.50	4
		50	50	17.68	17.63	17.53	17.62	18.50	4
		100	0	17.51	17.65	17.57	17.52	18.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	21.51	21.57	21.64	21.58	22.50	0
		1	36	21.65	21.59	21.55	21.59	22.50	0
		1	74	21.65	21.69	21.59	21.56	22.50	0
		36	0	20.62	20.76	20.57	20.62	21.50	1
		36	18	20.68	20.68	20.54	20.48	21.50	1
		36	37	20.56	20.65	20.57	20.48	21.50	1
		75	0	20.57	20.59	20.54	20.61	21.50	1
15	16-QAM	1	0	20.50	20.76	20.58	20.55	21.50	1
		1	36	20.53	20.59	20.55	20.51	21.50	1
		1	74	20.59	20.70	20.65	20.48	21.50	1
		36	0	19.53	19.66	19.51	19.47	20.50	2
		36	18	19.64	19.73	19.53	19.45	20.50	2
		36	37	19.64	19.64	19.57	19.52	20.50	2
		75	0	19.69	19.75	19.58	19.46	20.50	2
15	64-QAM	1	0	19.60	19.68	19.61	19.61	20.50	2
		1	36	19.66	19.57	19.56	19.49	20.50	2
		1	74	19.54	19.57	19.58	19.54	20.50	2
		36	0	18.53	18.72	18.61	18.49	19.50	3
		36	18	18.65	18.69	18.68	18.57	19.50	3
		36	37	18.58	18.60	18.57	18.53	19.50	3
		75	0	18.60	18.66	18.60	18.46	19.50	3
15	256-QAM	1	0	18.70	18.63	18.49	18.56	19.50	3
		1	36	18.66	18.66	18.50	18.59	19.50	3
		1	74	18.66	18.73	18.65	18.45	19.50	3
		36	0	17.61	17.73	17.65	17.49	18.50	4
		36	18	17.69	17.59	17.53	17.53	18.50	4
		36	37	17.58	17.69	17.65	17.53	18.50	4
		75	0	17.50	17.64	17.69	17.63	18.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
Channel				55290	55815	56165	56690		
10	QPSK	1	0	21.51	21.75	21.65	21.50	22.50	0
		1	25	21.65	21.63	21.60	21.53	22.50	0
		1	49	21.55	21.60	21.63	21.49	22.50	0
		25	0	20.69	20.56	20.55	20.46	21.50	1
		25	12	20.51	20.66	20.49	20.46	21.50	1
		25	25	20.51	20.60	20.54	20.47	21.50	1
		50	0	20.55	20.67	20.51	20.43	21.50	1
10	16-QAM	1	0	20.63	20.71	20.61	20.61	21.50	1
		1	25	20.70	20.65	20.67	20.58	21.50	1
		1	49	20.61	20.75	20.56	20.44	21.50	1
		25	0	19.56	19.68	19.56	19.57	20.50	2
		25	12	19.63	19.72	19.50	19.56	20.50	2
		25	25	19.62	19.59	19.57	19.52	20.50	2
		50	0	19.65	19.76	19.67	19.60	20.50	2
10	64-QAM	1	0	19.56	19.71	19.62	19.50	20.50	2
		1	25	19.53	19.76	19.62	19.47	20.50	2
		1	49	19.56	19.70	19.65	19.57	20.50	2
		25	0	18.68	18.75	18.67	18.50	19.50	3
		25	12	18.57	18.63	18.68	18.58	19.50	3
		25	25	18.54	18.69	18.51	18.52	19.50	3
		50	0	18.58	18.73	18.64	18.51	19.50	3
10	256-QAM	1	0	18.59	18.69	18.58	18.54	19.50	3
		1	25	18.61	18.72	18.53	18.52	19.50	3
		1	49	18.63	18.72	18.51	18.46	19.50	3
		25	0	17.53	17.75	17.60	17.56	18.50	4
		25	12	17.61	17.73	17.54	17.50	18.50	4
		25	25	17.61	17.70	17.62	17.48	18.50	4
		50	0	17.53	17.70	17.62	17.46	18.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
Channel				55265	55810	56170	56715		
5	QPSK	1	0	21.65	21.71	21.61	21.45	22.50	0
		1	12	21.59	21.62	21.51	21.47	22.50	0
		1	24	21.52	21.64	21.64	21.49	22.50	0
		12	0	20.69	20.59	20.64	20.44	21.50	1
		12	6	20.69	20.69	20.66	20.62	21.50	1
		12	13	20.56	20.61	20.64	20.55	21.50	1
		25	0	20.68	20.62	20.56	20.55	21.50	1
5	16-QAM	1	0	20.64	20.71	20.68	20.45	21.50	1
		1	12	20.52	20.59	20.56	20.55	21.50	1
		1	24	20.56	20.57	20.52	20.54	21.50	1
		12	0	19.52	19.56	19.64	19.62	20.50	2
		12	6	19.51	19.62	19.57	19.58	20.50	2
		12	13	19.52	19.58	19.66	19.62	20.50	2
		25	0	19.69	19.74	19.64	19.46	20.50	2
5	64-QAM	1	0	19.57	19.75	19.63	19.50	20.50	2
		1	12	19.65	19.72	19.64	19.44	20.50	2
		1	24	19.69	19.63	19.54	19.48	20.50	2
		12	0	18.61	18.72	18.62	18.56	19.50	3
		12	6	18.53	18.60	18.57	18.55	19.50	3
		12	13	18.51	18.64	18.54	18.60	19.50	3
		25	0	18.63	18.73	18.61	18.54	19.50	3
5	256-QAM	1	0	18.58	18.70	18.67	18.44	19.50	3
		1	12	18.61	18.58	18.61	18.45	19.50	3
		1	24	18.68	18.73	18.65	18.44	19.50	3
		12	0	17.59	17.66	17.59	17.62	18.50	4
		12	6	17.56	17.75	17.63	17.51	18.50	4
		12	13	17.67	17.73	17.59	17.47	18.50	4
		25	0	17.53	17.61	17.58	17.45	18.50	4

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7.3 FDD NR

REDCAP

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				372000	376000	380000		
20	Pi/2 BPSK	1	1	23.27	23.21	23.23	25.00	0.0
		1	53	23.10	23.08	23.04	25.00	0.0
		1	104	23.07	23.13	23.13	25.00	0.0
		50	0	22.69	22.57	22.67	24.50	0.5
		50	28	23.00	23.10	23.19	25.00	0.0
		50	56	22.50	22.51	22.53	24.50	0.5
		100	0	22.52	22.69	22.53	24.50	0.5
	QPSK	1	1	23.19	23.02	23.12	25.00	0.0
		1	53	23.10	23.05	23.06	25.00	0.0
		1	104	23.14	23.04	23.05	25.00	0.0
		50	0	22.14	22.07	22.05	24.00	1.0
		50	28	23.01	23.14	23.07	25.00	0.0
		50	56	22.16	22.03	22.10	24.00	1.0
		100	0	22.17	22.19	22.14	24.00	1.0
	16-QAM	1	1	22.12	22.19	22.19	24.00	1.0
	64QAM	1	1	20.68	20.65	20.64	22.50	2.5
	256-QAM	1	1	18.62	18.66	18.59	20.50	4.5
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	23.10	23.05	23.04	25.00	0.0
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				371000	376000	381000		
10	Pi/2 BPSK	1	1	23.19	23.06	23.15	25.00	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	23.17	23.14	23.14	25.00	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	23.29	23.24	23.22	24.50	0.0
		1	53	23.17	23.12	23.09	24.50	0.0
		1	104	23.01	23.09	22.99	24.50	0.0
		50	0	22.65	22.58	22.65	24.00	0.5
		50	28	23.06	23.12	23.02	24.50	0.0
		50	56	22.50	22.64	22.68	24.00	0.5
		100	0	22.60	22.55	22.63	24.00	0.5
	QPSK	1	1	23.18	23.01	23.19	24.50	0.0
		1	53	23.15	23.14	23.14	24.50	0.0
		1	104	23.09	23.06	23.14	24.50	0.0
		50	0	22.11	22.03	22.05	23.50	1.0
		50	28	23.08	23.14	23.13	24.50	0.0
		50	56	22.09	22.06	22.03	23.50	1.0
		100	0	22.07	22.15	22.09	23.50	1.0
	16-QAM	1	1	22.07	22.03	22.02	23.50	1.0
	64QAM	1	1	20.64	20.62	20.68	22.00	2.5
	256-QAM	1	1	18.54	18.53	18.61	20.00	4.5
5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				831.5	836.5	841.5		
Channel				166300	167300	168300		
15	Pi/2 BPSK	1	1	23.05	23.11	23.08	24.50	0.0
5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	23.04	23.09	23.12	24.50	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	23.10	23.14	23.14	24.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	23.24	23.29	23.26	25.00	0.0
		1	53	23.03	23.13	23.03	25.00	0.0
		1	104	23.09	23.03	23.20	25.00	0.0
		50	0	22.63	22.64	22.71	24.50	0.5
		50	28	23.19	23.16	23.19	25.00	0.0
		50	56	22.64	22.53	22.64	24.50	0.5
		100	0	22.71	22.68	22.61	24.50	0.5
	QPSK	1	1	23.21	23.13	23.14	25.00	0.0
		1	53	23.13	23.07	23.12	25.00	0.0
		1	104	23.10	23.06	23.18	25.00	0.0
		50	0	22.07	22.18	22.14	24.00	1.0
		50	28	23.21	23.16	23.14	25.00	0.0
		50	56	22.12	22.07	22.14	24.00	1.0
		100	0	22.04	22.14	22.07	24.00	1.0
	16-QAM	1	1	22.05	22.06	22.18	24.00	1.0
	64QAM	1	1	20.66	20.64	20.54	22.50	2.5
	256-QAM	1	1	18.61	18.54	18.60	20.50	4.5
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	23.05	23.21	23.14	25.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	23.17	23.08	23.11	25.00	0.0

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5G NR n25_15kHz

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	23.08	23.21	23.14	25.00	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	22.77	22.76	22.81	24.50	0.0
		1	53	22.69	22.55	22.71	24.50	0.0
		1	104	22.61	22.66	22.65	24.50	0.0
		50	0	22.18	22.05	22.15	24.00	0.5
		50	28	22.57	22.68	22.63	24.50	0.0
		50	56	22.21	22.05	22.17	24.00	0.5
		100	0	22.19	22.04	22.17	24.00	0.5
	QPSK	1	1	22.64	22.57	22.59	24.50	0.0
		1	53	22.59	22.54	22.73	24.50	0.0
		1	104	22.69	22.69	22.67	24.50	0.0
		50	0	21.70	21.60	21.59	23.50	1.0
		50	28	22.72	22.60	22.60	24.50	0.0
		50	56	21.56	21.73	21.67	23.50	1.0
		100	0	21.67	21.66	21.62	23.50	1.0
	16-QAM	1	1	21.70	21.72	21.59	23.50	1.0
	64QAM	1	1	20.17	20.19	20.12	22.00	2.5
	256-QAM	1	1	18.21	18.17	18.23	20.00	4.5
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	22.71	22.68	22.60	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				343000	349000	355000		
10	Pi/2 BPSK	1	1	22.60	22.59	22.65	24.50	0.0

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5G NR n66_15kHz

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				342500	349000	355500		
5	Pi/2 BPSK	1	1	22.66	22.66	22.68	24.50	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	23.56	23.51	23.47	24.50	0.0
		1	53	23.39	23.36	23.31	24.50	0.0
		1	104	23.29	23.35	23.28	24.50	0.0
		50	0	22.92	22.84	22.86	24.00	0.5
		50	28	23.26	23.43	23.42	24.50	0.0
		50	56	22.88	22.81	22.90	24.00	0.5
		100	0	22.92	22.76	22.92	24.00	0.5
	QPSK	1	1	23.33	23.41	23.36	24.50	0.0
		1	53	23.28	23.41	23.38	24.50	0.0
		1	104	23.33	23.32	23.27	24.50	0.0
		50	0	22.25	22.26	22.35	23.50	1.0
		50	28	23.25	23.37	23.32	24.50	0.0
		50	56	22.29	22.31	22.29	23.50	1.0
		100	0	22.29	22.44	22.28	23.50	1.0
	16-QAM	1	1	22.35	22.35	22.27	23.50	1.0
	64QAM	1	1	20.85	20.78	20.84	22.00	2.5
	256-QAM	1	1	18.76	18.94	18.86	20.00	4.5
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	23.45	23.36	23.26	24.50	0.0
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133600	136100	138600		
10	Pi/2 BPSK	1	1	23.39	23.37	23.25	24.50	0.0

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5G NR n71_15kHz

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	23.32	23.34	23.27	24.50	0.0

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7.4 TDD NR

REDCAP

5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	23.37	23.33	23.24	25.00	0.0
		1	26	23.06	23.04	23.11	25.00	0.0
		1	49	23.18	23.02	23.05	25.00	0.0
		25	0	22.70	22.68	22.69	24.50	0.5
		25	13	23.01	23.04	23.12	25.00	0.0
		25	26	22.58	22.67	22.58	24.50	0.5
		50	0	22.66	22.50	22.61	24.50	0.5
	QPSK	1	1	23.19	23.09	23.10	25.00	0.0
		1	26	23.06	23.16	23.01	25.00	0.0
		1	49	23.11	23.10	23.12	25.00	0.0
		25	0	22.17	22.05	22.00	24.00	1.0
		25	13	23.06	23.02	23.13	25.00	0.0
		25	26	22.13	22.10	22.01	24.00	1.0
		50	0	22.09	22.00	22.16	24.00	1.0
	16-QAM	1	1	22.13	22.15	22.06	24.00	1.0
	64QAM	1	1	21.95	21.94	21.90	22.50	2.5
	256-QAM	1	1	19.94	19.90	19.93	20.50	4.5

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7.5 WLAN

Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	16.85	16.29
		6	2437		17.16	16.62
		11	2462		16.10	15.61
	802.11g	1	2412	6Mbps	14.34	14.00
		6	2437		14.42	14.06
		11	2462		13.66	13.14
	802.11n20-HT0	1	2412	MCS0	14.40	13.98
		6	2437		14.34	13.97
		11	2462		13.57	13.05
	802.11ax20-HE0	1	2412	MCS0	17.27	16.79
		6	2437		17.62	17.24
		11	2462		17.52	17.04
	802.11n40-HT0	3	2422	MCS0	14.31	13.94
		6	2437		14.49	14.04
		9	2452		14.25	13.87
	802.11ax40-HE0	3	2422	MCS0	16.83	16.01
		6	2437		17.54	16.71
		9	2452		17.82	16.97

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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	14.50	13.95
		40	5200		14.45	13.87
		44	5220		14.45	13.57
		48	5240		14.71	14.21
	802.11n20-HT0	36	5180	MCS0	14.27	13.27
		40	5200		13.00	11.89
		44	5220		13.00	11.93
		48	5240		13.20	12.16
	802.11ac20-VHT0	36	5180	MCS0	10.45	9.42
		40	5200		10.30	9.30
		44	5220		10.30	9.22
		48	5240		10.40	9.25
	802.11ax20-HE0	36	5180	MCS0	11.98	10.99
		40	5200		10.15	9.04
		44	5220		10.15	9.08
		48	5240		10.50	9.53
	802.11n40-HT0	38	5190	MCS0	13.11	12.00
		46	5230		13.43	12.45
	802.11ac40-VHT0	38	5190	MCS0	11.89	10.86
		46	5230		11.85	10.81
	802.11ax40-HE0	38	5190	MCS0	9.90	8.80
		46	5230		9.40	8.39
	802.11ac80-VHT0	42	5210	MCS0	12.34	11.28
	802.11ax80-HE0	42	5210	MCS0	12.41	11.34
	802.11ac160-VHT0	50	5250	MCS0	14.21	13.08
	802.11ax160-HE0	50	5250	MCS0	11.52	10.41

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.00	14.93
		56	5280		14.72	14.12
		60	5300		14.12	13.78
		64	5320		14.12	13.80
	802.11n20-HT0	52	5260	MCS0	13.44	12.71
		56	5280		13.11	12.37
		60	5300		13.11	12.39
		64	5320		14.00	13.30
	802.11ac20-VHT0	52	5260	MCS0	10.72	10.09
		56	5280		10.37	9.59
		60	5300		9.92	9.13
		64	5320		9.92	9.19
	802.11ax20-HE0	52	5260	MCS0	10.78	10.06
		56	5280		10.73	10.03
		60	5300		10.60	9.85
		64	5320		10.60	9.88
	802.11n40-HT0	54	5270	MCS0	13.38	12.58
		62	5310		12.90	12.14
	802.11ac40-VHT0	54	5270	MCS0	11.82	11.10
		62	5310		11.77	11.14
	802.11ax40-HE0	54	5270	MCS0	9.28	8.53
		62	5310		9.07	8.40
	802.11ac80-VHT0	58	5290	MCS0	11.65	10.91
	802.11ax80-HE0	58	5290	MCS0	11.03	10.39

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5.6GHz	802.11a	100	5500	6Mbps	13.59	13.24
		120	5600		12.55	12.17
		140	5700		12.55	12.08
	802.11n20-HT0	100	5500	MCS0	11.69	11.22
		120	5600		11.36	11.01
		140	5700		11.36	10.93
	802.11ac20-VHT0	100	5500	MCS0	8.97	8.63
		120	5600		8.97	8.52
		140	5700		10.24	9.79
	802.11ax20-HE0	100	5500	MCS0	11.22	10.82
		120	5600		8.26	7.89
		140	5700		8.26	7.87
	802.11n40-HT0	102	5510	MCS0	11.52	11.18
		118	5590		11.52	11.18
		134	5670		11.72	11.23
	802.11ac40-VHT0	102	5510	MCS0	10.65	10.24
		118	5590		10.40	10.00
		134	5670		10.40	9.89
	802.11ax40-HE0	102	5510	MCS0	8.39	7.99
		118	5590		8.32	7.97
		134	5670		8.32	7.98
	802.11ac80-VHT0	106	5530	MCS0	10.22	9.83
		122	5610		9.94	9.61
	802.11ax80-HE0	106	5530	MCS0	7.97	7.60
		122	5610		7.79	7.30
	802.11ac160-VHT0	114	5570	MCS0	13.79	13.53
	802.11ax160-HE0	114	5570	MCS0	10.69	10.26

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5.8GHz	802.11a	149	5745	6Mbps	11.90	11.51
		157	5785		11.97	11.49
		165	5825		11.88	11.70
	802.11n20-HT0	149	5745	MCS0	10.59	9.98
		157	5785		10.74	10.23
		165	5825		10.67	10.11
	802.11ac20-VHT0	149	5745	MCS0	10.01	9.35
		157	5785		10.19	9.69
		165	5825		9.01	8.45
	802.11ax20-HE0	149	5745	MCS0	8.51	7.92
		157	5785		9.24	8.59
		165	5825		9.19	8.69
	802.11n40-HT0	151	5755	MCS0	10.81	10.31
		159	5795		10.78	10.21
	802.11ac40-VHT0	151	5755	MCS0	9.65	9.05
		159	5795		10.53	10.04
	802.11ax40-HE0	151	5755	MCS0	8.33	7.69
		159	5795		8.67	8.14
	802.11ac80-VHT0	155	5775	MCS0	10.37	9.78
	802.11ax80-HE0	155	5775	MCS0	8.84	8.19

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5.9GHz	802.11a	169	5845	6Mbps	14.19	13.76
		173	5865		14.31	13.99
		177	5885		14.05	13.69
	802.11n20-HT0	169	5845	MCS0	14.36	14.01
		173	5865		14.51	14.04
		177	5885		14.24	13.82
	802.11ac20-VHT0	169	5845	MCS0	14.40	14.02
		173	5865		14.54	14.09
		177	5885		14.26	13.79
	802.11ax20-HE0	169	5845	MCS0	14.42	14.09
		173	5865		14.55	14.13
		177	5885		9.36	8.91
	802.11n40-HT0	167	5835	MCS0	14.65	14.19
		175	5875		14.64	14.24
	802.11ac40-VHT0	167	5835	MCS0	14.65	14.39
		175	5875		14.70	14.47
	802.11ax40-HE0	167	5835	MCS0	14.52	14.06
		175	5875		14.58	14.20
	802.11ac80-VHT0	171	5855	MCS0	14.53	14.17
	802.11ax80-HE0	171	5855	MCS0	14.60	14.13
	802.11ac160-VHT0	163	5815	MCS0	14.61	14.29
	802.11ax160-HE0	163	5815	MCS0	14.62	14.14

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2.45GHz	802.11b	1	2412	1Mbps	16.27	15.77
		6	2437		17.20	16.73
		11	2462		16.39	15.96
	802.11g	1	2412	6Mbps	14.44	13.88
		6	2437		14.66	14.13
		11	2462		14.41	13.95
	802.11n20-HT0	1	2412	MCS0	14.39	13.81
		6	2437		14.53	13.95
		11	2462		14.31	13.72
	802.11ax20-HE0	1	2412	MCS0	15.01	14.37
		6	2437		15.08	14.60
		11	2462		15.06	14.47
	802.11n40-HT0	3	2422	MCS0	14.75	14.28
		6	2437		14.38	13.79
		9	2452		14.92	14.43
	802.11ax40-HE0	3	2422	MCS0	14.61	14.03
		6	2437		15.17	14.70
		9	2452		14.69	14.18

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5.15-5.25 GHz	802.11a	36	5180	6Mbps	14.96	14.65
		40	5200		14.75	14.57
		44	5220		14.75	14.53
		48	5240		15.48	15.35
	802.11n20-HT0	36	5180	MCS0	15.16	14.71
		40	5200		13.77	13.35
		44	5220		13.77	13.36
		48	5240		14.29	13.94
	802.11ac20-VHT0	36	5180	MCS0	11.14	10.68
		40	5200		10.90	10.53
		44	5220		10.90	10.51
		48	5240		11.53	11.13
	802.11ax20-HE0	36	5180	MCS0	11.72	11.32
		40	5200		12.42	11.90
		44	5220		12.42	11.88
		48	5240		12.81	12.45
	802.11n40-HT0	38	5190	MCS0	13.93	13.43
		46	5230		14.63	14.15
	802.11ac40-VHT0	38	5190	MCS0	11.62	11.12
		46	5230		13.99	13.46
	802.11ax40-HE0	38	5190	MCS0	9.62	9.11
		46	5230		11.05	10.62
	802.11ac80-VHT0	42	5210	MCS0	11.77	11.23
	802.11ax80-HE0	42	5210	MCS0	11.86	11.51
	802.11ac160-VHT0	50	5250	MCS0	12.73	12.27
	802.11ax160-HE0	50	5250	MCS0	10.98	10.54

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	16.09	16.05
		56	5280		15.84	15.32
		60	5300		15.84	15.24
		64	5320		15.84	15.58
	802.11n20-HT0	52	5260	MCS0	15.15	14.40
		56	5280		14.91	14.18
		60	5300		14.68	13.86
		64	5320		14.68	14.00
	802.11ac20-VHT0	52	5260	MCS0	12.37	11.62
		56	5280		12.14	11.40
		60	5300		11.77	11.02
		64	5320		11.77	11.11
	802.11ax20-HE0	52	5260	MCS0	13.16	12.37
		56	5280		12.91	12.26
		60	5300		12.77	11.97
		64	5320		12.77	12.11
	802.11n40-HT0	54	5270	MCS0	15.20	14.42
		62	5310		13.79	12.97
	802.11ac40-VHT0	54	5270	MCS0	14.13	13.47
		62	5310		13.66	12.93
	802.11ax40-HE0	54	5270	MCS0	11.07	10.25
		62	5310		10.92	10.13
	802.11ac80-VHT0	58	5290	MCS0	13.90	13.17
	802.11ax80-HE0	58	5290	MCS0	9.33	8.56

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.6GHz	802.11a	100	5500	6Mbps	14.49	14.41
		120	5600		12.54	12.15
		140	5700		12.54	12.43
	802.11n20-HT0	100	5500	MCS0	13.28	12.75
		120	5600		11.31	10.82
		140	5700		11.31	10.81
	802.11ac20-VHT0	100	5500	MCS0	10.52	10.06
		120	5600		9.92	9.37
		140	5700		9.92	9.34
	802.11ax20-HE0	100	5500	MCS0	12.19	11.77
		120	5600		11.21	10.69
		140	5700		11.21	10.64
	802.11n40-HT0	102	5510	MCS0	13.09	12.58
		118	5590		11.95	11.51
		134	5670		11.95	11.42
	802.11ac40-VHT0	102	5510	MCS0	12.24	11.80
		118	5590		10.66	10.10
		134	5670		10.66	10.16
	802.11ax40-HE0	102	5510	MCS0	9.93	9.33
		118	5590		9.93	9.45
		134	5670		11.54	10.97
	802.11ac80-VHT0	106	5530	MCS0	11.72	11.29
		122	5610		10.45	9.95
	802.11ax80-HE0	106	5530	MCS0	10.79	10.25
		122	5610		10.83	10.22
	802.11ac160-VHT0	114	5570	MCS0	11.89	11.47
	802.11ax160-HE0	114	5570	MCS0	12.09	11.55

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	12.18	12.08
		157	5785		12.59	12.46
		165	5825		13.18	12.98
	802.11n20-HT0	149	5745	MCS0	11.11	10.86
		157	5785		11.44	11.01
		165	5825		12.04	11.72
	802.11ac20-VHT0	149	5745	MCS0	9.88	9.63
		157	5785		9.93	9.53
		165	5825		10.94	10.55
	802.11ax20-HE0	149	5745	MCS0	10.42	10.08
		157	5785		10.41	10.17
		165	5825		10.92	10.66
	802.11n40-HT0	151	5755	MCS0	11.41	11.15
		159	5795		11.46	11.17
	802.11ac40-VHT0	151	5755	MCS0	11.69	11.46
		159	5795		11.44	11.03
	802.11ax40-HE0	151	5755	MCS0	11.18	10.93
		159	5795		11.23	10.92
	802.11ac80-VHT0	155	5775	MCS0	11.54	11.15
	802.11ax80-HE0	155	5775	MCS0	11.47	11.22

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.9GHz	802.11a	169	5845	6Mbps	14.76	14.32
		173	5865		15.06	14.52
		177	5885		14.74	14.30
	802.11n20-HT0	169	5845	MCS0	14.32	13.78
		173	5865		15.06	14.56
		177	5885		14.42	13.88
	802.11ac20-VHT0	169	5845	MCS0	14.39	13.82
		173	5865		15.14	14.59
		177	5885		14.46	13.93
	802.11ax20-HE0	169	5845	MCS0	14.47	14.43
		173	5865		15.18	14.97
		177	5885		9.69	9.04
	802.11n40-HT0	167	5835	MCS0	14.85	14.37
		175	5875		15.16	14.62
	802.11ac40-VHT0	167	5835	MCS0	14.84	14.28
		175	5875		15.10	14.63
	802.11ax40-HE0	167	5835	MCS0	14.79	14.25
		175	5875		15.04	14.41
	802.11ac80-VHT0	171	5855	MCS0	14.85	14.29
	802.11ax80-HE0	171	5855	MCS0	14.81	14.31
	802.11ac160-VHT0	163	5815	MCS0	14.93	14.32
	802.11ax160-HE0	163	5815	MCS0	14.82	14.33

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7.6 WLAN 6GHz

Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	0.55	-0.03
		45	6175		1.03	0.55
		93	6415		1.38	0.81
	802.11ax20-HE0	1	5955	MCS0	0.70	0.27
		45	6175		1.16	0.58
		93	6415		1.52	0.91
	802.11ax40-HE0	3	5965	MCS0	3.21	2.72
		43	6165		3.05	2.60
		91	6405		4.54	4.04
	802.11ax80-HE0	7	5985	MCS0	6.55	6.02
		39	6145		6.12	5.69
		87	6385		6.08	5.63
	802.11ax160-HE0	15	6025	MCS0	7.83	7.72
		47	6185		7.10	6.49
		79	6345		8.29	7.86
Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	-1.21	-1.76
		105	6475		-1.42	-1.82
		113	6515		-1.55	-1.95
	802.11ax20-HE0	97	6435	MCS0	0.96	0.48
		105	6475		-1.03	-1.44
		113	6515		-0.18	-0.75
	802.11ax40-HE0	99	6445	MCS0	4.09	3.60
		107	6485		3.88	3.32
	802.11ax80-HE0	103	6465	MCS0	6.07	5.84
		119	6545		5.89	5.54
	802.11ax160-HE0	111	6505	MCS0	5.59	5.05

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Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	0.38	-0.08
		149	6695		1.28	0.83
		181	6855		1.28	0.87
	802.11ax20-HE0	117	6535	MCS0	1.14	0.82
		149	6695		1.13	0.76
		181	6855		1.58	1.16
	802.11ax40-HE0	115	6525	MCS0	4.01	3.61
		147	6685		3.91	3.51
		179	6845		4.43	4.11
	802.11ax80-HE0	135	6625	MCS0	6.36	6.05
		151	6705		5.94	5.63
		167	6785		6.47	6.19
	802.11ax160-HE0	143	6665	MCS0	6.40	5.92
		175	6825		4.77	4.21
Aux						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	1.27	0.97
		209	6995		0.90	0.60
		233	7115		0.99	0.69
	802.11ax20-HE0	185	6875	MCS0	1.46	1.15
		209	6995		1.13	0.82
		233	7115		-6.82	-7.12
	802.11ax40-HE0	187	6885	MCS0	4.05	3.75
		227	7085		4.45	4.14
	802.11ax80-HE0	183	6865	MCS0	6.31	6.03
		199	6945		5.94	5.54
		215	7025		6.16	5.38
	802.11ax160-HE0	207	6985	MCS0	5.65	5.35

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	0.69	0.09
		45	6175		-0.25	-1.00
		93	6415		0.20	-0.52
	802.11ax20-HE0	1	5955	MCS0	1.21	0.52
		45	6175		0.20	-0.56
		93	6415		0.56	-0.11
	802.11ax40-HE0	3	5965	MCS0	2.64	1.98
		43	6165		2.20	1.50
		91	6405		4.12	3.51
	802.11ax80-HE0	7	5985	MCS0	5.78	5.02
		39	6145		5.45	4.72
		87	6385		5.82	5.15
	802.11ax160-HE0	15	6025	MCS0	7.46	7.43
		47	6185		5.06	5.01
		79	6345		6.97	6.43
Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	-0.56	-1.09
		105	6475		-0.65	-1.34
		113	6515		-0.43	-0.97
	802.11ax20-HE0	97	6435	MCS0	1.37	0.65
		105	6475		-0.56	-1.23
		113	6515		0.52	-0.19
	802.11ax40-HE0	99	6445	MCS0	3.19	2.66
		107	6485		3.48	2.85
	802.11ax80-HE0	103	6465	MCS0	6.10	6.04
		119	6545		5.93	5.43
	802.11ax160-HE0	111	6505	MCS0	4.56	3.95

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	-0.06	-0.42
		149	6695		0.48	0.20
		181	6855		0.47	0.11
	802.11ax20-HE0	117	6535	MCS0	1.16	0.98
		149	6695		1.18	0.99
		181	6855		0.67	0.38
	802.11ax40-HE0	115	6525	MCS0	3.81	3.55
		147	6685		3.34	3.05
		179	6845		3.98	3.62
	802.11ax80-HE0	135	6625	MCS0	5.55	5.24
		151	6705		5.80	5.56
		167	6785		5.80	5.44
	802.11ax160-HE0	143	6665	MCS0	6.58	6.32
		175	6825		3.65	3.02
Main						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	0.12	-0.51
		209	6995		0.64	0.01
		233	7115		0.88	0.23
	802.11ax20-HE0	185	6875	MCS0	0.45	-0.19
		209	6995		0.82	0.18
		233	7115		-7.01	-7.66
	802.11ax40-HE0	187	6885	MCS0	3.79	3.16
		227	7085		3.72	3.08
	802.11ax80-HE0	183	6865	MCS0	6.37	6.21
		199	6945		5.92	5.37
		215	7025		5.88	5.26
	802.11ax160-HE0	207	6985	MCS0	5.21	4.57

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7.7 Bluetooth

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	2.41	0.54	1.79	0.42	2.10	0.99
	CH 39	2441	2.29	0.41	1.64	0.68	1.94	1.25
	CH 78	2480	-0.76	-1.84	-1.51	-4.86	-1.19	-4.26

7.8 BLE

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	10.68	8.78
	CH 19	2440	10.53	8.83
	CH 39	2480	7.65	7.61
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	10.71	9.53
	CH 19	2440	10.59	9.73
	CH 39	2480	7.77	5.79

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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	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1	0	Back Surface	0	18900	1880	24.50	23.65	121.62%	0.193	0.235	001
LTE Band 2			50	50	Back Surface	0	18900	1880	23.50	22.58	123.59%	0.179	0.221	-
LTE Band 2			1	0	Top Edge	0	18900	1880	24.50	23.65	121.62%	<0.001	<0.001	-
LTE Band 2			50	50	Top Edge	0	18900	1880	23.50	22.58	123.59%	<0.001	<0.001	-
LTE Band 2			1	0	Bottom Edge	0	18900	1880	24.50	23.65	121.62%	0.011	0.013	-
LTE Band 2			50	50	Bottom Edge	0	18900	1880	23.50	22.58	123.59%	0.006	0.007	-
LTE Band 2			1	0	Right Edge	0	18900	1880	24.50	23.65	121.62%	0.136	0.165	-
LTE Band 2			50	50	Right Edge	0	18900	1880	23.50	22.58	123.59%	0.114	0.141	-
LTE Band 2			1	0	Left Edge	0	18900	1880	24.50	23.65	121.62%	<0.001	<0.001	-
LTE Band 2			50	50	Left Edge	0	18900	1880	23.50	22.58	123.59%	<0.001	<0.001	-
LTE Band 4	20MHz	QPSK	1	0	Back Surface	0	20050	1720	24.50	24.10	109.65%	0.291	0.319	002
LTE Band 4			50	25	Back Surface	0	20175	1732.5	23.50	23.03	111.43%	0.249	0.277	-
LTE Band 4			1	0	Top Edge	0	20050	1720	24.50	24.10	109.65%	<0.001	<0.001	-
LTE Band 4			50	25	Top Edge	0	20175	1732.5	23.50	23.03	111.43%	<0.001	<0.001	-
LTE Band 4			1	0	Bottom Edge	0	20050	1720	24.50	24.10	109.65%	0.017	0.019	-
LTE Band 4			50	25	Bottom Edge	0	20175	1732.5	23.50	23.03	111.43%	0.009	0.010	-
LTE Band 4			1	0	Right Edge	0	20050	1720	24.50	24.10	109.65%	0.198	0.217	-
LTE Band 4			50	25	Right Edge	0	20175	1732.5	23.50	23.03	111.43%	0.165	0.184	-
LTE Band 4			1	0	Left Edge	0	20050	1720	24.50	24.10	109.65%	<0.001	<0.001	-
LTE Band 4			50	25	Left Edge	0	20175	1732.5	23.50	23.03	111.43%	<0.001	<0.001	-
LTE Band 5	10MHz	QPSK	1	0	Back Surface	0	20450	829	24.50	23.67	121.06%	0.021	0.025	-
LTE Band 5			25	12	Back Surface	0	20450	829	23.50	22.65	121.06%	0.012	0.015	-
LTE Band 5			1	0	Top Edge	0	20450	829	24.50	23.67	121.06%	0.011	0.013	-
LTE Band 5			25	12	Top Edge	0	20450	829	23.50	22.65	121.62%	0.004	0.005	-
LTE Band 5			1	0	Bottom Edge	0	20450	829	24.50	23.67	121.06%	0.039	0.047	-
LTE Band 5			25	12	Bottom Edge	0	20450	829	23.50	22.65	121.62%	0.026	0.032	-
LTE Band 5			1	0	Right Edge	0	20450	829	24.50	23.67	121.06%	0.102	0.123	003
LTE Band 5			25	12	Right Edge	0	20450	829	23.50	22.65	121.62%	0.075	0.091	-
LTE Band 5			1	0	Left Edge	0	20450	829	24.50	23.67	121.06%	<0.001	<0.001	-
LTE Band 5			25	12	Left Edge	0	20450	829	23.50	22.65	121.62%	<0.001	<0.001	-
LTE Band 12	10MHz	QPSK	1	0	Back Surface	0	23095	707.5	24.50	23.31	131.52%	0.013	0.017	-
LTE Band 12			25	12	Back Surface	0	23130	711	23.50	22.28	132.43%	0.005	0.007	-
LTE Band 12			1	0	Top Edge	0	23095	707.5	24.50	23.31	131.52%	0.008	0.011	-
LTE Band 12			25	12	Top Edge	0	23130	711	23.50	22.28	132.43%	0.001	0.001	-
LTE Band 12			1	0	Bottom Edge	0	23095	707.5	24.50	23.31	131.52%	0.021	0.028	-
LTE Band 12			25	12	Bottom Edge	0	23130	711	23.50	22.28	132.43%	0.016	0.021	-
LTE Band 12			1	0	Right Edge	0	23095	707.5	24.50	23.31	131.52%	0.078	0.103	005
LTE Band 12			25	12	Right Edge	0	23130	711	23.50	22.28	132.43%	0.065	0.086	-
LTE Band 12			1	0	Left Edge	0	23095	707.5	24.50	23.31	131.52%	<0.001	<0.001	-
LTE Band 12			25	12	Left Edge	0	23130	711	23.50	22.28	132.43%	<0.001	<0.001	-
LTE Band 13	10MHz	QPSK	1	0	Back Surface	0	23230	782	24.50	23.39	129.12%	0.018	0.023	-
LTE Band 13			25	0	Back Surface	0	23230	782	23.50	22.26	133.05%	0.009	0.012	-
LTE Band 13			1	0	Top Edge	0	23230	782	24.50	23.39	129.12%	0.010	0.013	-
LTE Band 13			25	0	Top Edge	0	23230	782	23.50	22.26	133.05%	0.001	0.001	-
LTE Band 13			1	0	Bottom Edge	0	23230	782	24.50	23.39	129.12%	0.032	0.041	-
LTE Band 13			25	0	Bottom Edge	0	23230	782	23.50	22.26	133.05%	0.021	0.028	-
LTE Band 13			1	0	Right Edge	0	23230	782	24.50	23.39	129.12%	0.100	0.129	006
LTE Band 13			25	0	Right Edge	0	23230	782	23.50	22.26	133.05%	0.079	0.105	-
LTE Band 13			1	0	Left Edge	0	23230	782	24.50	23.39	129.12%	<0.001	<0.001	-
LTE Band 13			25	0	Left Edge	0	23230	782	23.50	22.26	133.05%	<0.001	<0.001	-

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LTE Band 14	10MHz	QPSK	1	0	Back Surface	0	23330	793	24.50	23.55	124.45%	0.020	0.025	-
LTE Band 14			25	25	Back Surface	0	23330	793	23.50	22.43	127.94%	0.014	0.018	-
LTE Band 14			1	0	Top Edge	0	23330	793	24.50	23.55	124.45%	0.009	0.011	-
LTE Band 14			25	25	Top Edge	0	23330	793	23.50	22.43	127.94%	0.002	0.003	-
LTE Band 14			1	0	Bottom Edge	0	23330	793	24.50	23.55	124.45%	0.026	0.032	-
LTE Band 14			25	25	Bottom Edge	0	23330	793	23.50	22.43	127.94%	0.018	0.023	-
LTE Band 14			1	0	Right Edge	0	23330	793	24.50	23.55	124.45%	0.083	0.103	007
LTE Band 14			25	25	Right Edge	0	23330	793	23.50	22.43	127.94%	0.065	0.083	-
LTE Band 14			1	0	Left Edge	0	23330	793	24.50	23.55	124.45%	<0.001	<0.001	-
LTE Band 14			25	25	Left Edge	0	23330	793	23.50	22.43	127.94%	<0.001	<0.001	-
LTE Band 17	10MHz	QPSK	1	0	Back Surface	0	23800	711	24.50	23.32	131.22%	0.016	0.021	-
LTE Band 17			25	12	Back Surface	0	23800	711	23.50	22.28	132.43%	0.011	0.015	-
LTE Band 17			1	0	Top Edge	0	23800	711	24.50	23.32	131.22%	0.005	0.007	-
LTE Band 17			25	12	Top Edge	0	23800	711	23.50	22.28	132.43%	0.001	0.001	-
LTE Band 17			1	0	Bottom Edge	0	23800	711	24.50	23.32	131.22%	0.029	0.038	-
LTE Band 17			25	12	Bottom Edge	0	23800	711	23.50	22.28	132.43%	0.022	0.029	-
LTE Band 17			1	0	Right Edge	0	23800	711	24.50	23.32	131.22%	0.084	0.110	008
LTE Band 17			25	12	Right Edge	0	23800	711	23.50	22.28	132.43%	0.062	0.082	-
LTE Band 17			1	0	Left Edge	0	23800	711	24.50	23.32	131.22%	<0.001	<0.001	-
LTE Band 17			25	12	Left Edge	0	23800	711	23.50	22.28	132.43%	<0.001	<0.001	-
LTE Band 30	10MHz	QPSK	1	0	Back Surface	0	27710	2310	22.00	22.40	91.20%	0.433	0.395	009
LTE Band 30			25	25	Back Surface	0	27710	2310	22.00	21.37	115.61%	0.358	0.414	-
LTE Band 30			1	0	Top Edge	0	27710	2310	23.00	22.40	114.82%	0.014	0.016	-
LTE Band 30			25	25	Top Edge	0	27710	2310	22.00	21.37	115.61%	0.009	0.010	-
LTE Band 30			1	0	Bottom Edge	0	27710	2310	23.00	22.40	114.82%	0.006	0.007	-
LTE Band 30			25	25	Bottom Edge	0	27710	2310	22.00	21.37	115.61%	0.001	0.001	-
LTE Band 30			1	0	Right Edge	0	27710	2310	23.00	22.40	114.82%	0.228	0.262	-
LTE Band 30			25	25	Right Edge	0	27710	2310	22.00	21.37	115.61%	0.186	0.215	-
LTE Band 30			1	0	Left Edge	0	27710	2310	23.00	22.40	114.82%	<0.001	<0.001	-
LTE Band 30			25	25	Left Edge	0	27710	2310	22.00	21.37	115.61%	<0.001	<0.001	-
LTE Band 66	20MHz	QPSK	1	0	Back Surface	0	132322	1745	24.50	22.77	148.94%	0.220	0.328	010
LTE Band 66			50	50	Back Surface	0	132322	1745	23.50	21.70	151.36%	0.201	0.304	-
LTE Band 66			1	0	Top Edge	0	132322	1745	24.50	22.77	148.94%	0.005	0.007	-
LTE Band 66			50	50	Top Edge	0	132322	1745	23.50	21.70	151.36%	0.001	0.002	-
LTE Band 66			1	0	Bottom Edge	0	132322	1745	24.50	22.77	148.94%	0.009	0.013	-
LTE Band 66			50	50	Bottom Edge	0	132322	1745	23.50	21.70	151.36%	0.002	0.003	-
LTE Band 66			1	0	Right Edge	0	132322	1745	24.50	22.77	148.94%	0.108	0.161	-
LTE Band 66			50	50	Right Edge	0	132322	1745	23.50	21.70	151.36%	0.093	0.141	-
LTE Band 66			1	0	Left Edge	0	132322	1745	24.50	22.77	148.94%	<0.001	<0.001	-
LTE Band 66			50	50	Left Edge	0	132322	1745	23.50	21.70	151.36%	<0.001	<0.001	-
LTE Band 71	20MHz	QPSK	1	0	Back Surface	0	133297	680.5	24.50	24.09	109.90%	0.023	0.025	-
LTE Band 71			50	50	Back Surface	0	133297	680.5	23.50	23.04	111.17%	0.020	0.022	-
LTE Band 71			1	0	Top Edge	0	133297	680.5	24.50	24.09	109.90%	0.006	0.007	-
LTE Band 71			50	50	Top Edge	0	133297	680.5	23.50	23.04	111.17%	0.004	0.004	-
LTE Band 71			1	0	Bottom Edge	0	133297	680.5	24.50	24.09	109.90%	0.017	0.019	-
LTE Band 71			50	50	Bottom Edge	0	133297	680.5	23.50	23.04	111.17%	0.011	0.012	-
LTE Band 71			1	0	Right Edge	0	133297	680.5	24.50	24.09	109.90%	0.062	0.068	011
LTE Band 71			50	50	Right Edge	0	133297	680.5	23.50	23.04	111.17%	0.058	0.064	-
LTE Band 71			1	0	Left Edge	0	133297	680.5	24.50	24.09	109.90%	<0.001	<0.001	-
LTE Band 71			50	50	Left Edge	0	133297	680.5	23.50	23.04	111.17%	<0.001	<0.001	-
LTE Band 41_PC3	20MHz	QPSK	1	0	Back Surface	0	40185	2549.5	25.00	24.34	116.41%	0.612	0.712	012
LTE Band 41_PC3			50	25	Back Surface	0	40620	2593	24.00	23.22	119.67%	0.579	0.693	-
LTE Band 41_PC3			1	0	Top Edge	0	40185	2549.5	25.00	24.34	116.41%	0.008	0.009	-
LTE Band 41_PC3			50	25	Top Edge	0	40620	2593	24.00	23.22	119.67%	0.003	0.004	-
LTE Band 41_PC3			1	0	Bottom Edge	0	40185	2549.5	25.00	24.34	116.41%	0.001	0.001	-
LTE Band 41_PC3			50	25	Bottom Edge	0	40620	2593	24.00	23.22	119.67%	0.003	0.004	-
LTE Band 41_PC3			1	0	Right Edge	0	40185	2549.5	25.00	24.34	116.41%	0.309	0.360	-
LTE Band 41_PC3			50	25	Right Edge	0	40620	2593	24.00	23.22	119.67%	0.284	0.340	-
LTE Band 41_PC3			1	0	Left Edge	0	40185	2549.5	25.00	24.34	116.41%	<0.001	<0.001	-
LTE Band 41_PC3			50	25	Left Edge	0	40620	2593	24.00	23.22	119.67%	<0.001	<0.001	-
LTE Band 41_PC2	20MHz	QPSK	1	0	Back Surface	0	39750	2506	27.00	26.16	121.34%	0.663	0.804	-
LTE Band 41_PC2			1	0	Back Surface	0	40185	2549.5	27.00	25.83	130.92%	0.626	0.820	-
LTE Band 41_PC2			1	0	Back Surface	0	40620	2593	27.00	26.05	124.45%	0.649	0.808	-
LTE Band 41_PC2			1	0	Back Surface	0	41055	2636.5	27.00	25.64	136.77%	0.597	0.817	-
LTE Band 41_PC2			1	0	Back Surface	0	41490	2680	27.00	26.82	104.23%	0.795	0.829	013
LTE Band 41_PC2			50	25	Back Surface	0	41490	2680	26.00	25.67	107.89%	0.727	0.784	-
LTE Band 41_PC2			100RB		Back Surface	0	41490	2680	26.00	25.79	104.95%	0.688	0.722	-
LTE Band 41_PC2			1	0	Top Edge	0	41490	2680	27.00	26.82	104.23%	0.007	0.007	-
LTE Band 41_PC2			50	25	Top Edge	0	41490	2680	26.00	25.67	107.89%	0.014	0.015	-
LTE Band 41_PC2			1	0	Bottom Edge	0	41490	2680	27.00	26.82	104.23%	0.009	0.009	-
LTE Band 41_PC2			50	25	Bottom Edge	0	41490	2680	26.00	25.67	107.89%	0.017	0.018	-
LTE Band 41_PC2			1	0	Right Edge	0	41490	2680	27.00	26.82	104.23%	0.391	0.408	-
LTE Band 41_PC2			50	25	Right Edge	0	41490	2680	26.00	25.67	107.89%	0.364	0.393	-
LTE Band 41_PC2			1	0	Left Edge	0	41490	2680	27.00	26.82	104.23%	<0.001	<0.001	-
LTE Band 41_PC2			50	25	Left Edge	0	41490	2680	26.00	25.67	107.89%	<0.001	<0.001	-
LTE Band 48	20MHz	QPSK	1	0	Back Surface	0	55830	3609	22.50	21.77	118.30%	0.085	0.101	016
LTE Band 48			50	25	Back Surface	0	55340	3560	21.50	20.66	121.34%	0.071	0.086	-
LTE Band 48			1	0	Top Edge	0	55830	3609	22.50	21.77	118.30%	<0.001	<0.001	-
LTE Band 48			50	25	Top Edge	0	55340	3560	21.50	20.66	121.34%	<0.001	<0.001	-
LTE Band 48			1	0	Bottom Edge	0	55830	3609	22.50	21.77	118.30%	<0.001	<0.001	-
LTE Band 48			50	25	Bottom Edge	0	55340	3560	21.50	20.66	121.34%	<0.001	<0.001	-
LTE Band 48			1	0	Right Edge	0	55830	3609	22.50	21.77	118.30%	0.059	0.070	-
LTE Band 48			50	25	Right Edge	0	55340	3560	21.50	20.66	121.34%	0.036	0.044	-
LTE Band 48			1	0	Left Edge	0	55830	3609	22.50	21.77	118.30%	<0.001	<0.001	-
LTE Band 48			50	25	Left Edge	0	55340	3560	21.50	20.66	121.34%	<0.001	<0.001	-

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												Measured	Reported	
NR n2	20MHz	SCS 15kHz PI/2 BPSK	1	1	Back Surface	0	372000	1860	25.00	23.27	148.94%	0.245	0.365	017
NR n2			50	28	Back Surface	0	380000	1900	25.00	23.19	151.71%	0.219	0.332	-
NR n2			1	1	Top Edge	0	372000	1860	25.00	23.27	148.94%	<0.001	<0.001	-
NR n2			50	28	Top Edge	0	380000	1900	25.00	23.19	151.71%	<0.001	<0.001	-
NR n2			1	1	Bottom Edge	0	372000	1860	25.00	23.27	148.94%	0.011	0.016	-
NR n2			50	28	Bottom Edge	0	380000	1900	25.00	23.19	151.71%	0.010	0.015	-
NR n2			1	1	Right Edge	0	372000	1860	25.00	23.27	148.94%	0.180	0.268	-
NR n2			50	28	Right Edge	0	380000	1900	25.00	23.19	151.71%	0.147	0.223	-
NR n2			1	1	Left Edge	0	372000	1860	25.00	23.27	148.94%	<0.001	<0.001	-
NR n2			50	28	Left Edge	0	380000	1900	25.00	23.19	151.71%	<0.001	<0.001	-
NR n5	20MHz	SCS 15kHz PI/2 BPSK	1	1	Back Surface	0	166800	834	24.50	23.29	132.13%	0.023	0.030	-
NR n5			50	28	Back Surface	0	167300	836.5	24.50	23.12	137.40%	0.019	0.026	-
NR n5			1	1	Top Edge	0	166800	834	24.50	23.29	132.13%	0.015	0.020	-
NR n5			50	28	Top Edge	0	167300	836.5	24.50	23.12	137.40%	0.013	0.017	-
NR n5			1	1	Bottom Edge	0	166800	834	24.50	23.29	132.13%	0.030	0.040	-
NR n5			50	28	Bottom Edge	0	167300	836.5	24.50	23.12	137.40%	0.029	0.040	-
NR n5			1	1	Right Edge	0	166800	834	24.50	23.29	132.13%	0.117	0.155	018
NR n5			50	28	Right Edge	0	167300	836.5	24.50	23.12	137.40%	0.104	0.143	-
NR n5			1	1	Left Edge	0	166800	834	24.50	23.29	132.13%	<0.001	<0.001	-
NR n5			50	28	Left Edge	0	167300	836.5	24.50	23.12	137.40%	<0.001	<0.001	-
NR n25	20MHz	SCS 15kHz PI/2 BPSK	1	1	Back Surface	0	376500	1882.5	25.00	23.29	148.25%	0.249	0.369	019
NR n25			50	28	Back Surface	0	372000	1860	25.00	23.19	151.71%	0.183	0.278	-
NR n25			1	1	Top Edge	0	376500	1882.5	25.00	23.29	148.25%	<0.001	<0.001	-
NR n25			50	28	Top Edge	0	372000	1860	25.00	23.19	151.71%	<0.001	<0.001	-
NR n25			1	1	Bottom Edge	0	376500	1882.5	25.00	23.29	148.25%	0.015	0.022	-
NR n25			50	28	Bottom Edge	0	372000	1860	25.00	23.19	151.71%	0.009	0.014	-
NR n25			1	1	Right Edge	0	376500	1882.5	25.00	23.29	148.25%	0.192	0.285	-
NR n25			50	28	Right Edge	0	372000	1860	25.00	23.19	151.71%	0.165	0.250	-
NR n25			1	1	Left Edge	0	376500	1882.5	25.00	23.29	148.25%	<0.001	<0.001	-
NR n25			50	28	Left Edge	0	372000	1860	25.00	23.19	151.71%	<0.001	<0.001	-
NR n66	20MHz	SCS 15kHz PI/2 BPSK	1	1	Back Surface	0	354000	1770	24.50	22.81	147.57%	0.186	0.274	020
NR n66			50	28	Back Surface	0	349000	1745	24.50	22.68	152.05%	0.176	0.268	-
NR n66			1	1	Top Edge	0	354000	1770	24.50	22.81	147.57%	<0.001	<0.001	-
NR n66			50	28	Top Edge	0	349000	1745	24.50	22.68	152.05%	<0.001	<0.001	-
NR n66			1	1	Bottom Edge	0	354000	1770	24.50	22.81	147.57%	0.008	0.012	-
NR n66			50	28	Bottom Edge	0	349000	1745	24.50	22.68	152.05%	0.003	0.005	-
NR n66			1	1	Right Edge	0	354000	1770	24.50	22.81	147.57%	0.139	0.205	-
NR n66			50	28	Right Edge	0	349000	1745	24.50	22.68	152.05%	0.106	0.161	-
NR n66			1	1	Left Edge	0	354000	1770	24.50	22.81	147.57%	<0.001	<0.001	-
NR n66			50	28	Left Edge	0	349000	1745	24.50	22.68	152.05%	<0.001	<0.001	-
NR n71	20MHz	SCS 15kHz PI/2 BPSK	1	1	Back Surface	0	134600	673	24.50	23.56	124.17%	0.035	0.043	-
NR n71			50	28	Back Surface	0	136100	680.5	24.50	23.43	127.94%	0.027	0.035	-
NR n71			1	1	Top Edge	0	134600	673	24.50	23.56	124.17%	0.023	0.029	-
NR n71			50	28	Top Edge	0	136100	680.5	24.50	23.43	127.94%	0.016	0.020	-
NR n71			1	1	Bottom Edge	0	134600	673	24.50	23.56	124.17%	0.046	0.057	-
NR n71			50	28	Bottom Edge	0	136100	680.5	24.50	23.43	127.94%	0.042	0.054	-
NR n71			1	1	Right Edge	0	134600	673	24.50	23.56	124.17%	0.140	0.174	021
NR n71			50	28	Right Edge	0	136100	680.5	24.50	23.43	127.94%	0.127	0.162	-
NR n71			1	1	Left Edge	0	134600	673	24.50	23.56	124.17%	<0.001	<0.001	-
NR n71			50	28	Left Edge	0	136100	680.5	24.50	23.43	127.94%	<0.001	<0.001	-
NR n41_PC3	100MHz	SCS 30kHz PI/2 BPSK	1	1	Back Surface	0	501204	2506.02	25.00	23.37	145.55%	0.453	0.659	022
NR n41_PC3			25	13	Back Surface	0	535998	2679.99	25.00	23.12	154.17%	0.419	0.646	-
NR n41_PC3			1	1	Top Edge	0	501204	2506.02	25.00	23.37	145.55%	0.006	0.009	-
NR n41_PC3			25	13	Top Edge	0	535998	2679.99	25.00	23.12	154.17%	0.005	0.008	-
NR n41_PC3			1	1	Bottom Edge	0	501204	2506.02	25.00	23.37	145.55%	0.001	0.001	-
NR n41_PC3			25	13	Bottom Edge	0	535998	2679.99	25.00	23.12	154.17%	0.001	0.002	-
NR n41_PC3			1	1	Right Edge	0	501204	2506.02	25.00	23.37	145.55%	0.212	0.309	-
NR n41_PC3			25	13	Right Edge	0	535998	2679.99	25.00	23.12	154.17%	0.193	0.296	-
NR n41_PC3			1	1	Left Edge	0	501204	2506.02	25.00	23.37	145.55%	<0.001	<0.001	-
NR n41_PC3			25	13	Left Edge	0	535998	2679.99	25.00	23.12	154.17%	<0.001	<0.001	-

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 Repeat* (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Aux	Back Surface	0	6	2437	17.16	16.62	1.02	113.24%	0.232	0.269	-
WLAN 802.11b	Aux	Top Edge	0	6	2437	17.16	16.62	1.02	113.24%	0.228	0.264	-
WLAN 802.11b	Aux	Bottom Edge	0	6	2437	17.16	16.62	1.02	113.24%	0.010	0.012	-
WLAN 802.11b	Aux	Right Edge	0	6	2437	17.16	16.62	1.02	113.24%	0.005	0.006	-
WLAN 802.11b	Aux	Left Edge	0	6	2437	17.16	16.62	1.02	113.24%	0.348	0.404	026
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 Repeat* (W/kg)		ID
										Measured	Reported	
BLE_2M	Aux	Back Surface	0	19	2440	10.71	9.73	1.74	125.31%	0.018	0.039	-
BLE_2M	Aux	Top Edge	0	19	2440	10.71	9.73	1.74	125.31%	0.017	0.037	-
BLE_2M	Aux	Bottom Edge	0	19	2440	10.71	9.73	1.74	125.31%	<0.001	<0.001	-
BLE_2M	Aux	Right Edge	0	19	2440	10.71	9.73	1.74	125.31%	<0.001	<0.001	-
BLE_2M	Aux	Left Edge	0	19	2440	10.71	9.73	1.74	125.31%	0.026	0.057	027
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 Repeat* (W/kg)		ID
										Measured	Reported	
WLAN 802.11a 5.2G	Aux	Back Surface	0	48	5240	14.71	14.21	1.02	112.20%	0.028	0.032	-
WLAN 802.11a 5.2G	Aux	Top Edge	0	48	5240	14.71	14.21	1.02	112.20%	0.084	0.096	-
WLAN 802.11a 5.2G	Aux	Bottom Edge	0	48	5240	14.71	14.21	1.02	112.20%	0.012	0.014	-
WLAN 802.11a 5.2G	Aux	Right Edge	0	48	5240	14.71	14.21	1.02	112.20%	0.012	0.014	-
WLAN 802.11a 5.2G	Aux	Left Edge	0	48	5240	14.71	14.21	1.02	112.20%	0.102	0.116	028
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over Repeat* (W/kg)		ID
										Measured	Reported	
WLAN 802.11a 5.3G	Aux	Back Surface	0	52	5260	15.00	14.93	1.02	101.62%	0.038	0.039	-
WLAN 802.11a 5.3G	Aux	Top Edge	0	52	5260	15.00	14.93	1.02	101.62%	0.059	0.061	-
WLAN 802.11a 5.3G	Aux	Bottom Edge	0	52	5260	15.00	14.93	1.02	101.62%	0.022	0.023	-
WLAN 802.11a 5.3G	Aux	Right Edge	0	52	5260	15.00	14.93	1.02	101.62%	0.019	0.020	-
WLAN 802.11a 5.3G	Aux	Left Edge	0	52	5260	15.00	14.93	1.02	101.62%	0.122	0.126	029
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 Repeat* (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Aux	Back Surface	0	114	5570	13.79	13.53	1.02	106.17%	0.089	0.096	-
WLAN 802.11ac(160M) 5.6G	Aux	Top Edge	0	114	5570	13.79	13.53	1.02	106.17%	0.101	0.109	-
WLAN 802.11ac(160M) 5.6G	Aux	Bottom Edge	0	114	5570	13.79	13.53	1.02	106.17%	0.047	0.051	-
WLAN 802.11ac(160M) 5.6G	Aux	Right Edge	0	114	5570	13.79	13.53	1.02	106.17%	0.034	0.037	-
WLAN 802.11ac(160M) 5.6G	Aux	Left Edge	0	114	5570	13.79	13.53	1.02	106.17%	0.578	0.625	030
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 Repeat* (W/kg)		ID
										Measured	Reported	
WLAN 802.11a 5.8G	Aux	Back Surface	0	165	5825	11.88	11.70	1.02	104.23%	0.072	0.076	-
WLAN 802.11a 5.8G	Aux	Top Edge	0	165	5825	11.88	11.70	1.02	104.23%	0.094	0.100	-
WLAN 802.11a 5.8G	Aux	Bottom Edge	0	165	5825	11.88	11.70	1.02	104.23%	0.042	0.045	-
WLAN 802.11a 5.8G	Aux	Right Edge	0	165	5825	11.88	11.70	1.02	104.23%	0.031	0.033	-
WLAN 802.11a 5.8G	Aux	Left Edge	0	165	5825	11.88	11.70	1.02	104.23%	0.905	0.959	031
WLAN 802.11a 5.8G	Aux	Left Edge	0	149	5745	11.90	11.51	1.02	109.40%	0.852	0.948	-
WLAN 802.11a 5.8G	Aux	Left Edge	0	157	5785	11.97	11.49	1.02	111.69%	0.819	0.930	-
WLAN 802.11a 5.8G*	Aux	Left Edge	0	165	5825	11.88	11.70	1.02	104.23%	0.889	0.942	-
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 Repeat* (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(40M) 5.9G	Aux	Back Surface	0	175	5875	14.70	14.47	1.02	105.44%	0.011	0.012	-
WLAN 802.11ac(40M) 5.9G	Aux	Top Edge	0	175	5875	14.70	14.47	1.02	105.44%	0.038	0.041	-
WLAN 802.11ac(40M) 5.9G	Aux	Bottom Edge	0	175	5875	14.70	14.47	1.02	105.44%	<0.001	<0.001	-
WLAN 802.11ac(40M) 5.9G	Aux	Right Edge	0	175	5875	14.70	14.47	1.02	105.44%	<0.001	<0.001	-
WLAN 802.11ac(40M) 5.9G	Aux	Left Edge	0	175	5875	14.70	14.47	1.02	105.44%	0.492	0.528	032
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 Repeat* (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Main	Back Surface	0	6	2437	17.20	16.73	1.02	111.43%	0.166	0.189	-
WLAN 802.11b	Main	Top Edge	0	6	2437	17.20	16.73	1.02	111.43%	0.001	0.001	-
WLAN 802.11b	Main	Bottom Edge	0	6	2437	17.20	16.73	1.02	111.43%	0.026	0.030	-
WLAN 802.11b	Main	Right Edge	0	6	2437	17.20	16.73	1.02	111.43%	0.446	0.509	033
WLAN 802.11b	Main	Left Edge	0	6	2437	17.20	16.73	1.02	111.43%	0.003	0.003	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over Repeat* (W/kg)		ID
										Measured	Reported	
WLAN 802.11a 5.2G	Main	Back Surface	0	48	5240	15.48	15.35	1.02	103.04%	0.265	0.278	-
WLAN 802.11a 5.2G	Main	Top Edge	0	48	5240	15.48	15.35	1.02	103.04%	<0.001	<0.001	-
WLAN 802.11a 5.2G	Main	Bottom Edge	0	48	5240	15.48	15.35	1.02	103.04%	0.040	0.042	-
WLAN 802.11a 5.2G	Main	Right Edge	0	36	5180	14.96	14.65	1.02	107.40%	0.842	0.920	-
WLAN 802.11a 5.2G	Main	Right Edge	0	40	5200	14.75	14.57	1.02	104.23%	0.819	0.868	-
WLAN 802.11a 5.2G	Main	Right Edge	0	44	5220	14.75	14.53	1.02	105.20%	0.826	0.884	-
WLAN 802.11a 5.2G	Main	Right Edge	0	48	5240	15.48	15.35	1.02	103.04%	0.916	0.960	034
WLAN 802.11a 5.2G	Main	Left Edge	0	48	5240	15.48	15.35	1.02	103.04%	0.002	0.002	-
WLAN 802.11a 5.2G*	Main	Right Edge	0	48	5240	15.48	15.35	1.02	103.04%	0.891	0.934	-

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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 Repeat* (W/kg)		ID		
										Measured	Reported			
WLAN 802.11a 5.3G	Main	Back Surface	0	52	5260	16.09	16.05	1.02	100.93%	0.277	0.284	-		
WLAN 802.11a 5.3G	Main	Top Edge	0	52	5260	16.09	16.05	1.02	100.93%	<0.001	<0.001	-		
WLAN 802.11a 5.3G	Main	Bottom Edge	0	52	5260	16.09	16.05	1.02	100.93%	0.048	0.049	-		
WLAN 802.11a 5.3G	Main	Right Edge	0	52	5260	16.09	16.05	1.02	100.93%	0.927	0.951	035		
WLAN 802.11a 5.3G	Main	Right Edge	0	56	5280	15.84	15.32	1.02	112.72%	0.823	0.943	-		
WLAN 802.11a 5.3G	Main	Right Edge	0	60	5300	15.84	15.24	1.02	114.82%	0.806	0.941	-		
WLAN 802.11a 5.3G	Main	Right Edge	0	64	5320	15.84	15.58	1.02	106.17%	0.849	0.917	-		
WLAN 802.11a 5.3G	Main	Left Edge	0	52	5260	16.09	16.05	1.02	100.93%	0.004	0.004	-		
WLAN 802.11a 5.3G*	Main	Right Edge	0	52	5260	16.09	16.05	1.02	100.93%	0.902	0.926	-		
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over Repeat* (W/kg)		ID		
										Measured	Reported			
WLAN 802.11a 5.6G	Main	Back Surface	0	100	5500	14.49	14.41	1.02	101.86%	0.309	0.320	-		
WLAN 802.11a 5.6G	Main	Top Edge	0	100	5500	14.49	14.41	1.02	101.86%	<0.001	<0.001	-		
WLAN 802.11a 5.6G	Main	Bottom Edge	0	100	5500	14.49	14.41	1.02	101.86%	0.064	0.066	-		
WLAN 802.11a 5.6G	Main	Right Edge	0	100	5500	14.49	14.41	1.02	101.86%	1.070	1.108	036		
WLAN 802.11a 5.6G	Main	Right Edge	0	120	5600	12.54	12.15	1.02	109.40%	0.722	0.803	-		
WLAN 802.11a 5.6G	Main	Right Edge	0	140	5700	12.54	12.43	1.02	102.57%	0.768	0.801	-		
WLAN 802.11a 5.6G	Main	Left Edge	0	100	5500	14.49	14.41	1.02	101.86%	0.009	0.009	-		
WLAN 802.11a 5.6G*	Main	Right Edge	0	100	5500	14.49	14.41	1.01	101.86%	1.020	1.049	-		
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 Repeat* (W/kg)		ID		
										Measured	Reported			
WLAN 802.11a 5.8G	Main	Back Surface	0	165	5825	13.18	12.98	1.02	104.71%	0.356	0.379	-		
WLAN 802.11a 5.8G	Main	Top Edge	0	165	5825	13.18	12.98	1.02	104.71%	<0.001	<0.001	-		
WLAN 802.11a 5.8G	Main	Bottom Edge	0	165	5825	13.18	12.98	1.02	104.71%	0.075	0.080	-		
WLAN 802.11a 5.8G	Main	Right Edge	0	149	5745	12.18	12.08	1.02	102.33%	0.894	0.930	-		
WLAN 802.11a 5.8G	Main	Right Edge	0	157	5785	12.59	12.46	1.02	103.04%	0.976	1.023	-		
WLAN 802.11a 5.8G	Main	Right Edge	0	165	5825	13.18	12.98	1.02	104.71%	1.120	1.193	037		
WLAN 802.11a 5.8G	Main	Left Edge	0	165	5825	13.18	12.98	1.02	104.71%	0.014	0.015	-		
WLAN 802.11a 5.8G*	Main	Right Edge	0	165	5825	13.18	12.98	1.02	104.71%	1.080	1.150	-		
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 Repeat* (W/kg)		ID		
										Measured	Reported			
WLAN 802.11ax(20M) 5.9G	Main	Back Surface	0	173	5865	15.18	14.97	1.02	104.95%	0.215	0.229	-		
WLAN 802.11ax(20M) 5.9G	Main	Top Edge	0	173	5865	15.18	14.97	1.02	104.95%	<0.001	<0.001	-		
WLAN 802.11ax(20M) 5.9G	Main	Bottom Edge	0	173	5865	15.18	14.97	1.02	104.95%	0.029	0.031	-		
WLAN 802.11ax(20M) 5.9G	Main	Right Edge	0	169	5845	14.47	14.43	1.02	100.93%	0.712	0.729	-		
WLAN 802.11ax(20M) 5.9G	Main	Right Edge	0	173	5865	15.18	14.97	1.02	104.95%	0.791	0.843	038		
WLAN 802.11ax(20M) 5.9G	Main	Left Edge	0	173	5865	15.18	14.97	1.02	104.95%	0.003	0.003	-		
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m^2 (4cm^2)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Back Surface	0	79	6345	8.29	7.86	1.02	110.41%	<0.001	<0.001	<0.001	<0.001	-
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Top Edge	0	15	6025	7.83	7.72	1.02	102.57%	<0.001	<0.001	<0.001	<0.001	039
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Top Edge	0	79	6345	8.29	7.86	1.02	110.41%	<0.001	<0.001	<0.001	<0.001	040
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Bottom Edge	0	79	6345	8.29	7.86	1.02	110.41%	<0.001	<0.001	<0.001	<0.001	-
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Right Edge	0	79	6345	8.29	7.86	1.02	110.41%	<0.001	<0.001	<0.001	<0.001	-
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Left Edge	0	79	6345	8.29	7.86	1.02	110.41%	<0.001	<0.001	<0.001	<0.001	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m^2 (4cm^2)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11ax(80M)	Aux	Back Surface	0	103	6465	6.07	5.84	1.02	105.44%	<0.001	<0.001	<0.001	<0.001	-
U-NII-6 6.5GHz 802.11ax(80M)	Aux	Top Edge	0	103	6465	6.07	5.84	1.02	105.44%	0.008	0.009	0.031	0.033	041
U-NII-6 6.5GHz 802.11ax(80M)	Aux	Bottom Edge	0	103	6465	6.07	5.84	1.02	105.44%	<0.001	<0.001	<0.001	<0.001	-
U-NII-6 6.5GHz 802.11ax(80M)	Aux	Right Edge	0	103	6465	6.07	5.84	1.02	105.44%	<0.001	<0.001	<0.001	<0.001	-
U-NII-6 6.5GHz 802.11ax(80M)	Aux	Left Edge	0	103	6465	6.07	5.84	1.02	105.44%	<0.001	<0.001	<0.001	<0.001	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m^2 (4cm^2)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11ax(80M)	Aux	Back Surface	0	167	6785	6.47	6.19	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	-
U-NII-7 6.7GHz 802.11ax(80M)	Aux	Top Edge	0	167	6785	6.47	6.19	1.02	106.66%	0.011	0.012	0.150	0.163	042
U-NII-7 6.7GHz 802.11ax(80M)	Aux	Bottom Edge	0	167	6785	6.47	6.19	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	-
U-NII-7 6.7GHz 802.11ax(80M)	Aux	Right Edge	0	167	6785	6.47	6.19	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	-
U-NII-7 6.7GHz 802.11ax(80M)	Aux	Left Edge	0	167	6785	6.47	6.19	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m^2 (4cm^2)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11ax(80M)	Aux	Back Surface	0	183	6865	6.31	6.03	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	-
U-NII-8 7.0GHz 802.11ax(80M)	Aux	Top Edge	0	183	6865	6.31	6.03	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	043
U-NII-8 7.0GHz 802.11ax(80M)	Aux	Bottom Edge	0	183	6865	6.31	6.03	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	-
U-NII-8 7.0GHz 802.11ax(80M)	Aux	Right Edge	0	183	6865	6.31	6.03	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	-
U-NII-8 7.0GHz 802.11ax(80M)	Aux	Left Edge	0	183	6865	6.31	6.03	1.02	106.66%	<0.001	<0.001	<0.001	<0.001	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m^2 (4cm^2)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11ax(160M)	Main	Back Surface	0	15	6025	7.46	7.43	1.02	100.69%	<0.001	<0.001	<0.001	<0.001	-
U-NII-5 6.2GHz 802.11ax(160M)	Main	Top Edge	0	15	6025	7.46	7.43	1.02	100.69%	<0.001	<0.001	<0.001	<0.001	-
U-NII-5 6.2GHz 802.11ax(160M)	Main	Bottom Edge	0	15	6025	7.46	7.43	1.02	100.69%	0.004	0.004	0.046	0.047	044
U-NII-5 6.2GHz 802.11ax(160M)	Main	Bottom Edge	0	79	6345	6.97	6.43	1.02	113.24%	0.005	0.006	0.078	0.090	045
U-NII-5 6.2GHz 802.11ax(160M)	Main	Right Edge	0	15	6025	7.46	7.43	1.02	100.69%	<0.001	<0.001	<0.001	<0.001	-
U-NII-5 6.2GHz 802.11ax(160M)	Main	Left Edge	0	15	6025	7.46	7.43	1.02	100.69%	<0.001	<0.001	<0.001	<0.001	-

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Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11ax(80M)	Main	Back Surface	0	103	6465	6.10	6.04	1.02	101.39%	<0.001	<0.001	<0.001	<0.001	-
U-NII-6 6.5GHz 802.11ax(80M)	Main	Top Edge	0	103	6465	6.10	6.04	1.02	101.39%	<0.001	<0.001	<0.001	<0.001	-
U-NII-6 6.5GHz 802.11ax(80M)	Main	Bottom Edge	0	103	6465	6.10	6.04	1.02	101.39%	0.011	0.011	0.104	0.107	046
U-NII-6 6.5GHz 802.11ax(80M)	Main	Right Edge	0	103	6465	6.10	6.04	1.02	101.39%	<0.001	<0.001	<0.001	<0.001	-
U-NII-6 6.5GHz 802.11ax(80M)	Main	Left Edge	0	103	6465	6.10	6.04	1.02	101.39%	<0.001	<0.001	<0.001	<0.001	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11ax(160M)	Main	Back Surface	0	143	6665	6.58	6.32	1.02	106.17%	<0.001	<0.001	<0.001	<0.001	-
U-NII-7 6.7GHz 802.11ax(160M)	Main	Top Edge	0	143	6665	6.58	6.32	1.02	106.17%	<0.001	<0.001	<0.001	<0.001	-
U-NII-7 6.7GHz 802.11ax(160M)	Main	Bottom Edge	0	143	6665	6.58	6.32	1.02	106.17%	0.003	0.003	0.012	0.013	047
U-NII-7 6.7GHz 802.11ax(160M)	Main	Right Edge	0	143	6665	6.58	6.32	1.02	106.17%	<0.001	<0.001	<0.001	<0.001	-
U-NII-7 6.7GHz 802.11ax(160M)	Main	Left Edge	0	143	6665	6.58	6.32	1.02	106.17%	<0.001	<0.001	<0.001	<0.001	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11ax(80M)	Main	Back Surface	0	183	6865	6.37	6.21	1.02	103.75%	<0.001	<0.001	<0.001	<0.001	-
U-NII-8 7.0GHz 802.11ax(80M)	Main	Top Edge	0	183	6865	6.37	6.21	1.02	103.75%	<0.001	<0.001	<0.001	<0.001	-
U-NII-8 7.0GHz 802.11ax(80M)	Main	Bottom Edge	0	183	6865	6.37	6.21	1.02	103.75%	0.001	0.001	0.011	0.012	048
U-NII-8 7.0GHz 802.11ax(80M)	Main	Right Edge	0	183	6865	6.37	6.21	1.02	103.75%	<0.001	<0.001	<0.001	<0.001	-
U-NII-8 7.0GHz 802.11ax(80M)	Main	Left Edge	0	183	6865	6.37	6.21	1.02	103.75%	<0.001	<0.001	<0.001	<0.001	-

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

Note:

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

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

8.3 Summary of PD Results

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Tune-up Scaling	Duty cycle scaling	Measurement uncertainty	PD result(4cm)				ID
											Measured Total psPD (W/m ²)	Reported Total psPD (W/m ²)	Measured Normal psPD (W/m ²)	Reported Normal psPD (W/m ²)	
WLAN 6E 802.11ax(80M) U-NII-7	Aux	Top Edge	2	167	6785	6.47	6.19	106.66%	1.02	1.55	0.687	1.156	0.521	0.877	049

Note:

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

8.4 Reporting statements of conformity

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

8.5 Conclusion

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

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9 SIMULTANEOUS TRANSMISSION ANALYSIS

9.1 Simultaneous Transmission Scenarios:

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

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 2	Scenario 3
		2	3	4	5	6	8	9	2+3+6	4+5+6	6+8+9
		2.4GHz WLAN Aux	2.4GHz WLAN Main	5GHz WLAN Aux	5GHz WLAN Main	Bluetooth Aux	6GHz WLAN Aux	6GHz WLAN Main	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)
Back Surface	0	0.269	0.189	0.096	0.379	0.039	<0.001	<0.001	0.497	0.514	0.039
Top Edge	0	0.264	0.001	0.109	<0.001	0.037	0.012	<0.001	0.302	0.146	0.049
Bottom Edge	0	0.012	0.030	0.051	0.080	<0.001	<0.001	<0.001	0.042	0.131	0.000
Right Edge	0	0.006	0.509	0.037	1.193	<0.001	<0.001	<0.001	0.515	1.230	0.000
Left Edge	0	0.404	0.003	0.959	0.015	0.057	<0.001	<0.001	0.464	1.031	0.057

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	1665	Mar/02/2026	Mar/01/2027
SPEAG	Data acquisition Electronics	DAE4	856	Nov/04/2025	Nov/03/2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7754	Nov/28/2025	Nov/27/2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7823	Jul/29/2025	Jul/28/2026
SPEAG	E-field Probe for Near Field Application	EUmmWV3	9399	Jan/19/2026	Jan/18/2027
SPEAG	System Validation Dipole	D750V3	1015	Sep/26/2025	Sep/25/2028
SPEAG	System Validation Dipole	D835V2	4d063	Sep/09/2025	Sep/08/2028
SPEAG	System Validation Dipole	D1750V2	1008	Sep/28/2025	Sep/27/2028
SPEAG	System Validation Dipole	D1900V2	5d173	Apr/16/2025	Apr/15/2028
SPEAG	System Validation Dipole	D2300V2	1023	Sep/28/2025	Sep/27/2028
SPEAG	System Validation Dipole	D2450V2	727	Apr/15/2025	Apr/14/2028
SPEAG	System Validation Dipole	D2600V2	1005	Jan/14/2025	Jan/13/2028
SPEAG	System Validation Dipole	D3500V2	1009	Sep/26/2025	Sep/25/2028
SPEAG	System Validation Dipole	D3700V2	1057	Nov/18/2025	Nov/17/2028
SPEAG	System Validation Dipole	D3900V2	1032	Nov/17/2025	Nov/16/2028
SPEAG	System Validation Dipole	D5GHzV2	1349	Mar/19/2024	Mar/18/2027
SPEAG	System Validation Dipole	D6.5GHzV2	1006	Aug/12/2025	Aug/11/2028
SPEAG	System Validation Dipole	D7GHzV2	1007	Aug/12/2025	Aug/11/2028
SPEAG	5G Verification Source 10GHz	5G-Veri10	1070	Aug/19/2025	Aug/18/2026
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/19/2026	Feb/18/2027
Keysight	EXA Signal Analyzer	N9010B	MY60242392	Dec/24/2025	Dec/23/2026
R&S	MXG Analog Signal Generator	SMB100A03	182012	Aug/09/2025	Aug/08/2026
Agilent	Dual-directional coupler	772D	MY52180142	Nov/13/2025	Nov/12/2026
Agilent	Dual-directional coupler	778D	MY52180302	Nov/13/2025	Nov/12/2026
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 Sensor	NRP18S	101974	Nov/26/2025	Nov/25/2026
R&S	Power Sensor	NRP18S	109066	Nov/03/2025	Nov/02/2026
R&S	Power Meter	NRX	105651	Nov/26/2025	Nov/25/2026
SPEAG	Software	DASY 6 V16.0.2.136	N/A	Calibration not required	Calibration not required
SPEAG	Software	DASY 52 V52.10.4.152 7	N/A	Calibration not required	Calibration not required
SPEAG	Software	DASY 6 mmWave V2.4.2.62	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	Jan/09/2026	Jan/08/2027
TECPEL	Digital thermometer	DTM-303A	TP130077	Oct/03/2025	Oct/02/2026

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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%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
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.)	1.11%	N	1	1	0.64	0.43	0.71%	0.48%	M
Liquid Conductivity (mea.)	1.15%	N	1	1	0.6	0.49	0.69%	0.56%	M
Combined standard uncertainty		RSS					11.76%	11.73%	
Expan uncertainty (95% confidence interval), K=2							23.52%	23.46%	

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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%	∞
Isotropy , Axial	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	1.00%	N	1	1	0.64	0.43	0.64%	0.43%	M
Liquid Conductivity (mea.)	3.90%	N	1	1	0.6	0.49	2.34%	1.91%	M
Combined standard uncertainty		RSS					11.67%	11.58%	
Expan uncertainty (95% confidence interval), K=2							23.35%	23.15%	

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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

Date: 2026/6/1

ID: 001

Report No. :TESA2604000251ES

LTE Band 2 (20MHz)_Body_Back Surface_CH 18900_QPSK_1-0_0mm

Communication System: LTE; Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.429 \text{ S/m}$; $\epsilon_r = 39.789$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.95, 7.08, 7.49) @ 1880 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.263 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.93 V/m; Power Drift = -0.04 dB

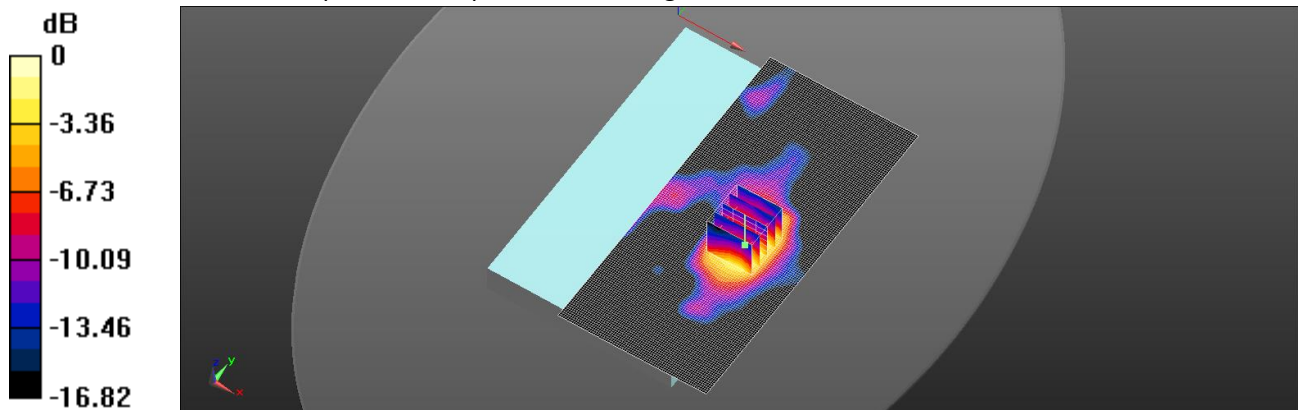
Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.108 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

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Date: 2026/5/31

ID: 002

Report No. :TESA2604000251ES

LTE Band 4 (20MHz)_Body_Back Surface_CH 20050_QPSK_1-0_0mm

Communication System: LTE; Frequency: 1720 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 39.862$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(7.34, 7.48, 7.92) @ 1720 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.423 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.53 V/m; Power Drift = -0.13 dB

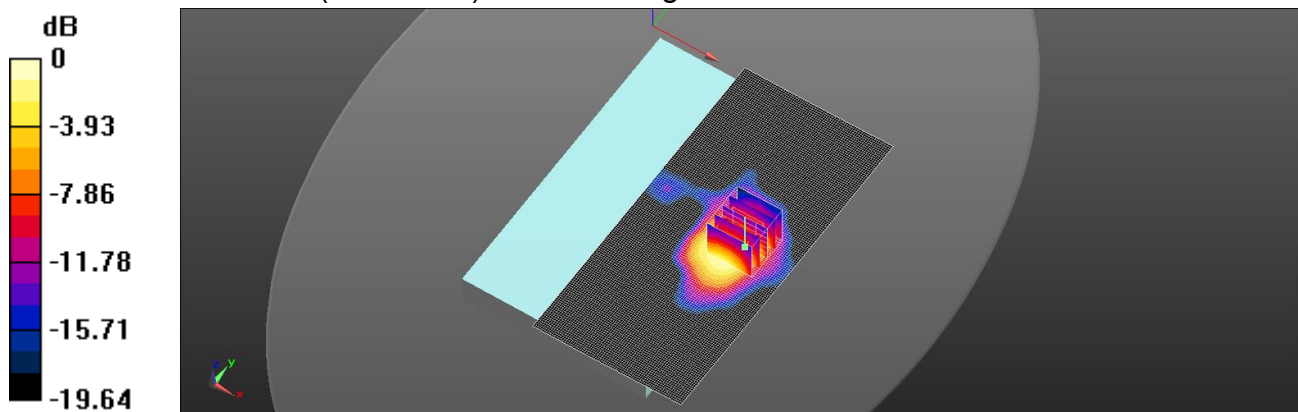
Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.157 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

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Date: 2026/5/31

ID: 003

Report No. :TESA2604000251ES

LTE Band 5 (10MHz)_Body_Right Edge_CH 20450_QPSK_1-0_0mm

Communication System: LTE; Frequency: 829 MHz; Duty cycle= 1:1

Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.276$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(8.6, 8.77, 9.27) @ 829 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.140 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.47 V/m; Power Drift = 0.07 dB

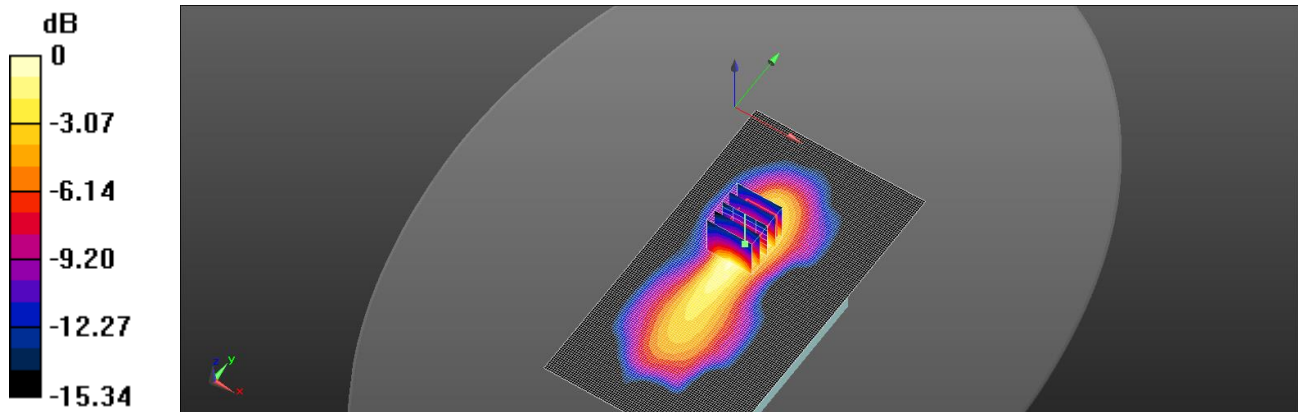
Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.058 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

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Date: 2026/5/30

ID: 005

Report No. :TESA2604000251ES

LTE Band 12 (10MHz)_Body_Right Edge_CH 23095_QPSK_1-0_0mm

Communication System: LTE; Frequency: 707.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.835$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(8.81, 8.98, 9.5) @ 707.5 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.123 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.27 V/m; Power Drift = 0.03 dB

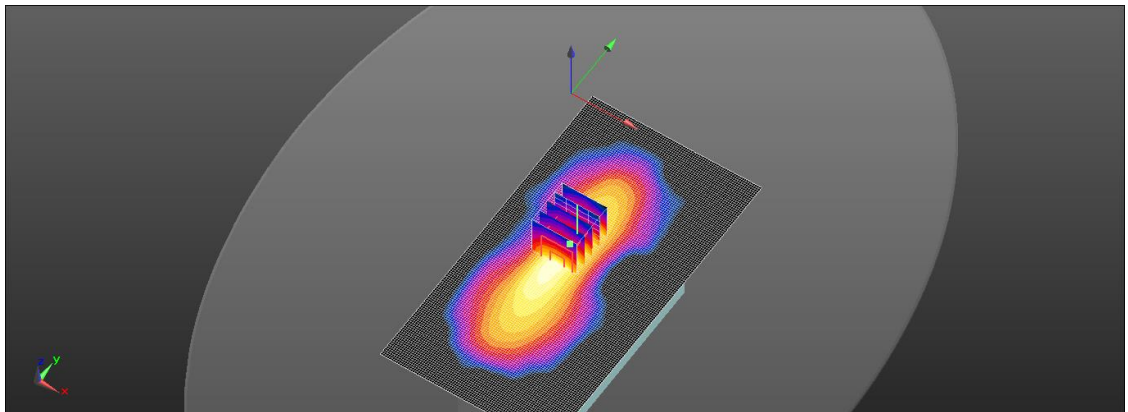
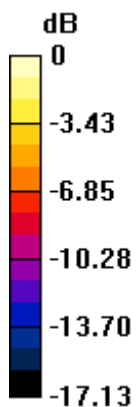
Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.043 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.4%

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

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Date: 2026/5/30

ID: 006

Report No. :TESA2604000251ES

LTE Band 13 (10MHz)_Body_Right Edge_CH 23230_QPSK_1-0_0mm

Communication System: LTE; Frequency: 782 MHz; Duty cycle= 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 41.447$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(8.81, 8.98, 9.5) @ 782 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.145 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.83 V/m; Power Drift = -0.04 dB

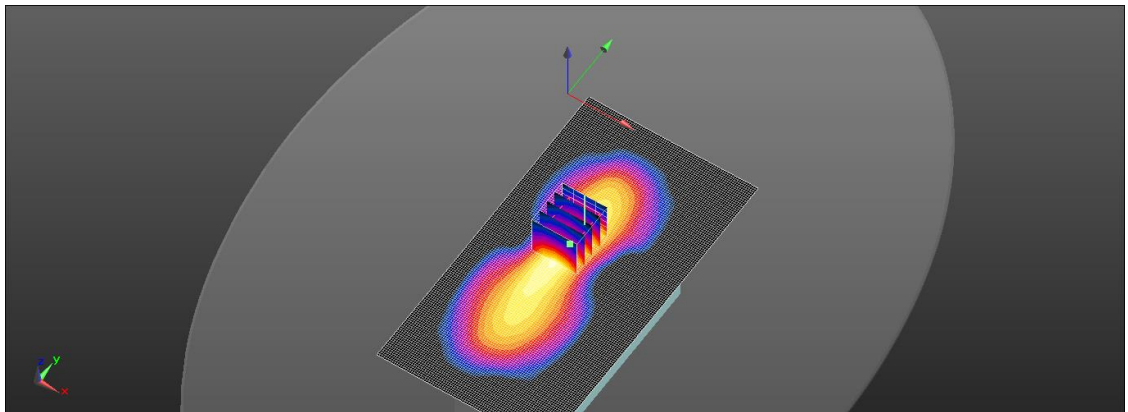
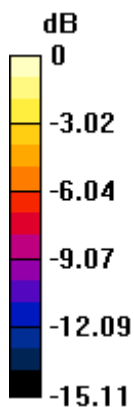
Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.055 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

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Date: 2026/5/30

ID: 007

Report No. :TESA2604000251ES

LTE Band 14 (10MHz)_Body_Right Edge_CH 23330_QPSK_1-0_0mm

Communication System: LTE; Frequency: 793 MHz; Duty cycle= 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 41.379$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(8.81, 8.98, 9.5) @ 793 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.137 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.48 V/m; Power Drift = -0.03 dB

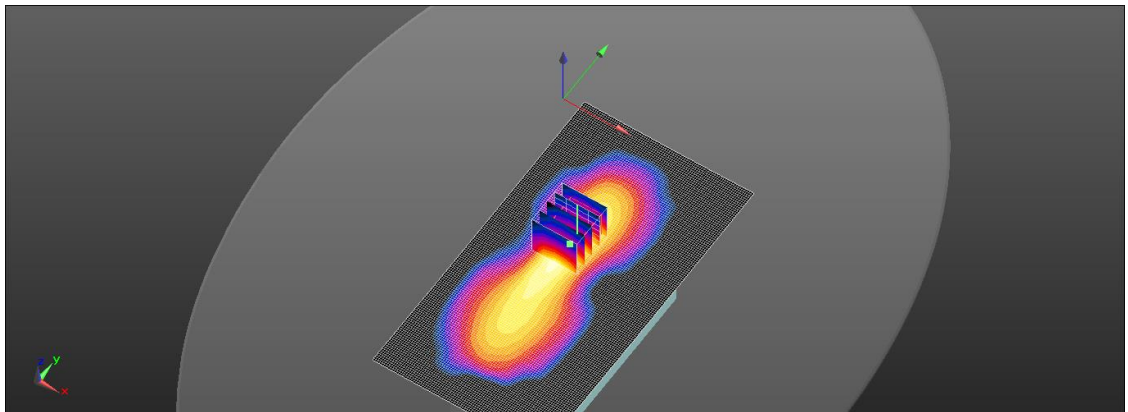
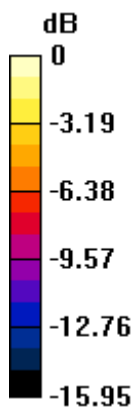
Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.045 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg

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Date: 2026/5/30

ID: 008

Report No. :TESA2604000251ES

LTE Band 17 (10MHz)_Body_Right Edge_CH 23800_QPSK_1-0_0mm

Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 41.741$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(8.81, 8.98, 9.5) @ 711 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.135 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.46 V/m; Power Drift = -0.02 dB

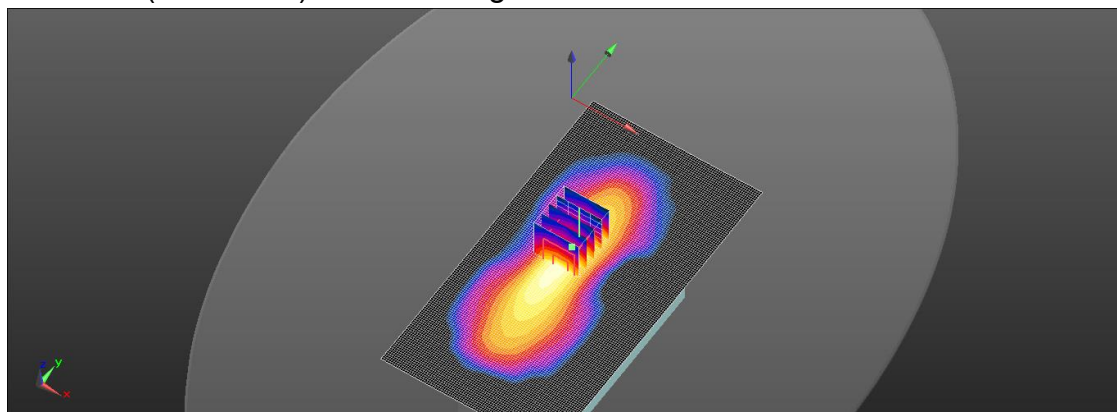
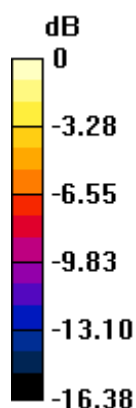
Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.046 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg = -8.48 dBW/kg

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Date: 2026/6/1

ID: 009

Report No. :TESA2604000251ES

LTE Band 30 (10MHz)_Body_Back Surface_CH 27710_QPSK_1-0_0mm

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.711$ S/m; $\epsilon_r = 39.086$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.8, 6.94, 7.34) @ 2310 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x191x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.721 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.17 V/m; Power Drift = 0.05 dB

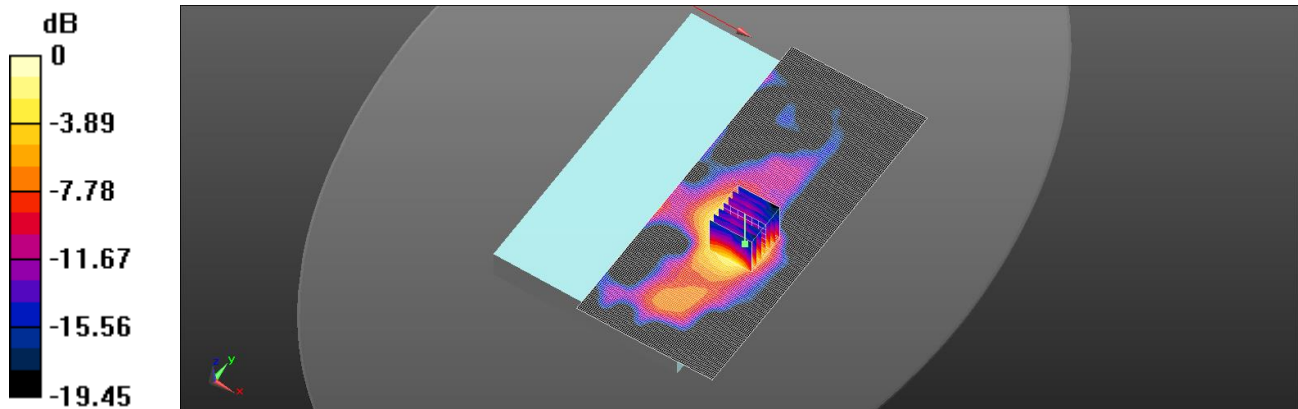
Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.233 W/kg

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg = -1.78 dBW/kg

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Date: 2026/5/31

ID: 010

Report No. :TESA2604000251ES

LTE Band 66 (20MHz)_Body_Back Surface_CH 132322_QPSK_1-0_0mm

Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.394 \text{ S/m}$; $\epsilon_r = 39.825$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(7.34, 7.48, 7.92) @ 1745 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.318 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.69 V/m; Power Drift = 0.08 dB

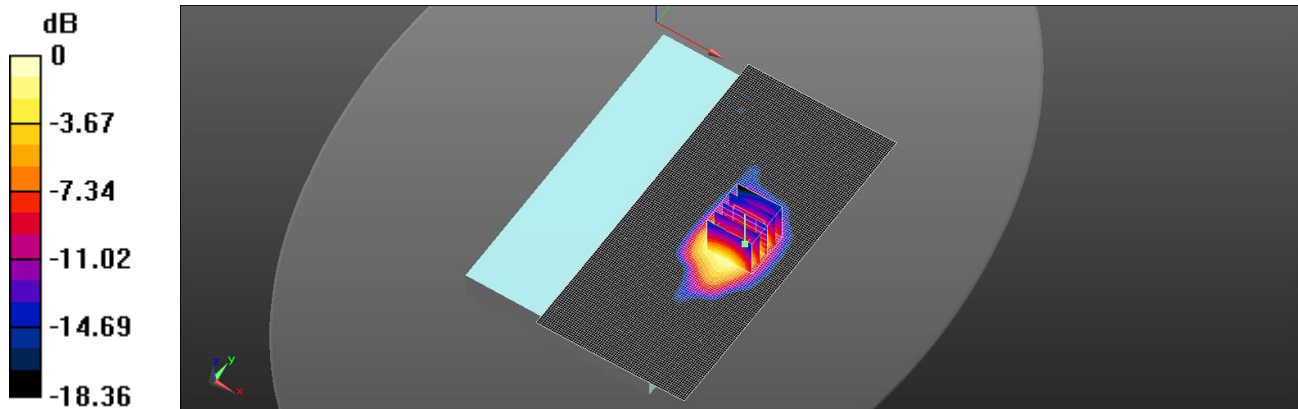
Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.118 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg

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Member of SGS Group

Date: 2026/5/30

ID: 011

Report No. :TESA2604000251ES

LTE Band 71 (20MHz)_Body_Right Edge_CH 133297_QPSK_1-0_0mm

Communication System: LTE; Frequency: 680.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 680.5 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.936$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(8.81, 8.98, 9.5) @ 680.5 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.102 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.28 V/m; Power Drift = -0.03 dB

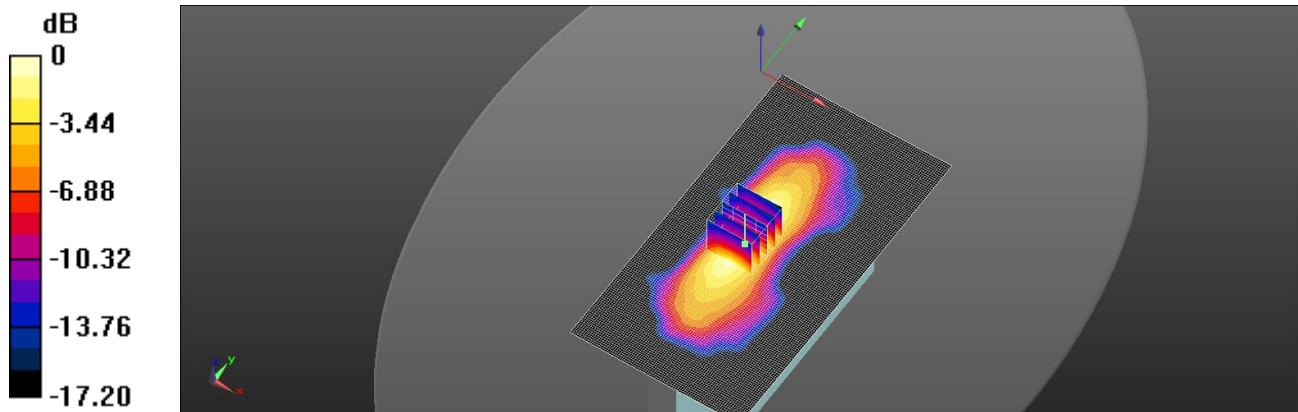
Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.034 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg = -9.75 dBW/kg

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Date: 2026/6/2

ID: 012

Report No. :TESA2604000251ES

LTE Band 41_PC3 (20MHz)_Body_Back Surface_CH 40185_QPSK_1-0_0mm

Communication System: LTE; Frequency: 2549.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2549.5 \text{ MHz}$; $\sigma = 1.929 \text{ S/m}$; $\epsilon_r = 38.778$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.63, 6.76, 7.15) @ 2549.5 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x191x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.97 V/m; Power Drift = 0.11 dB

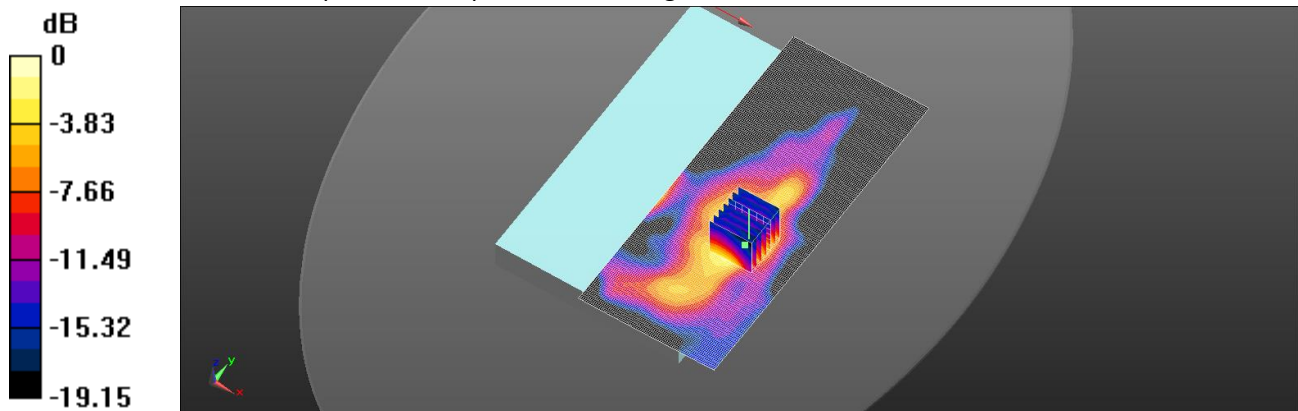
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.286 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 0.988 W/kg



0 dB = 0.988 W/kg = -0.05 dBW/kg

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Date: 2026/6/2

ID: 013

Report No. :TESA2604000251ES

LTE Band 41_PC2 (20MHz)_Body_Back Surface_CH 41490_QPSK_1-0_0mm

Communication System: LTE; Frequency: 2680 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.086$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.63, 6.76, 7.15) @ 2680 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x191x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.62 V/m; Power Drift = -0.01 dB

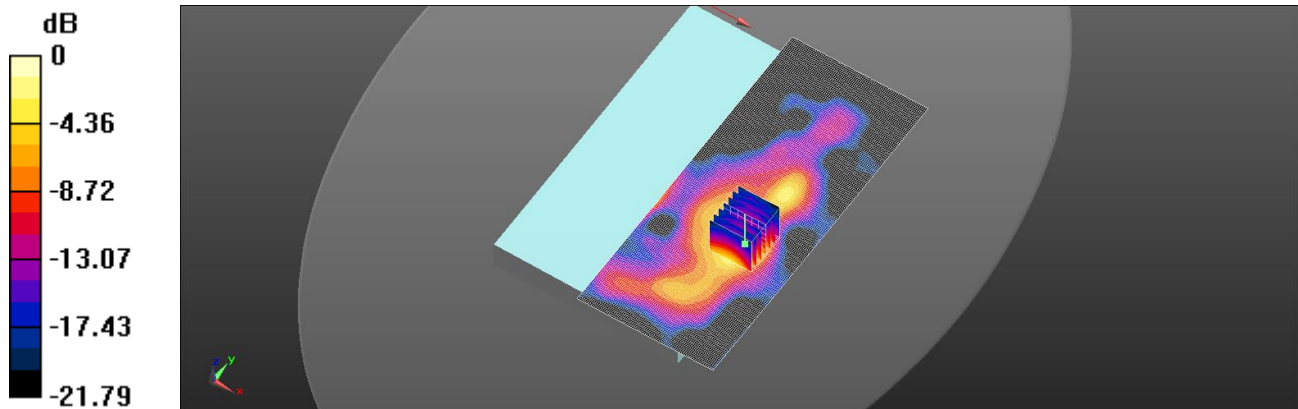
Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.347 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 48.8%

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

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Date: 2026/6/3

ID: 016

Report No. :TESA2604000251ES

LTE Band 48 (20MHz)_Body_Back Surface_CH 55830_QPSK_1-0_0mm

Communication System: LTE; Frequency: 3609 MHz; Duty cycle= 1:1

Medium parameters used: $f = 3609 \text{ MHz}$; $\sigma = 3.058 \text{ S/m}$; $\epsilon_r = 37.522$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(5.84, 5.95, 6.3) @ 3609 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x191x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.308 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 6.337 V/m; Power Drift = 0.01 dB

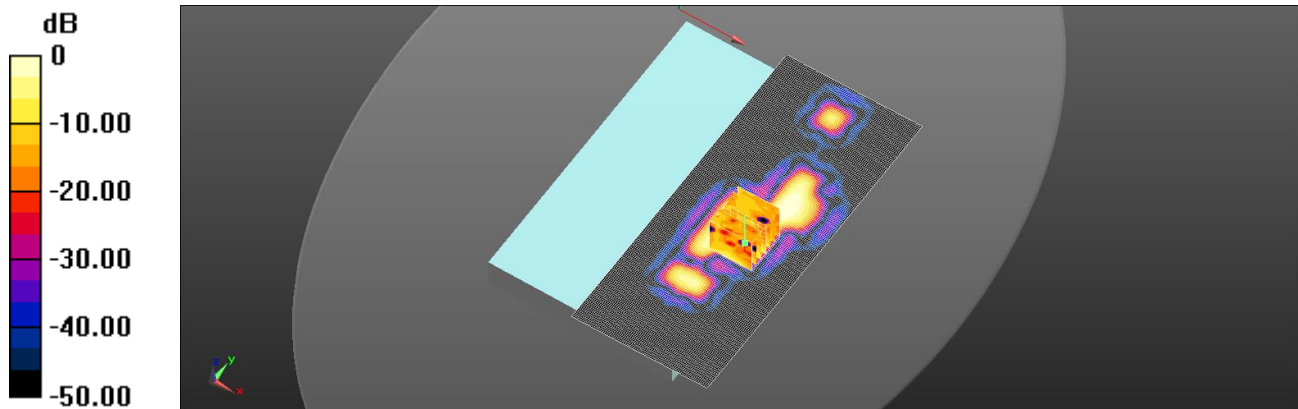
Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.038 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

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Date: 2026/6/1

ID: 017

Report No. :TESA2604000251ES

NR n2 (20MHz)_Body_Back Surface_CH 372000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 1860 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.427 \text{ S/m}$; $\epsilon_r = 39.798$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.95, 7.08, 7.49) @ 1860 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x91x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.342 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.46 V/m; Power Drift = 0.03 dB

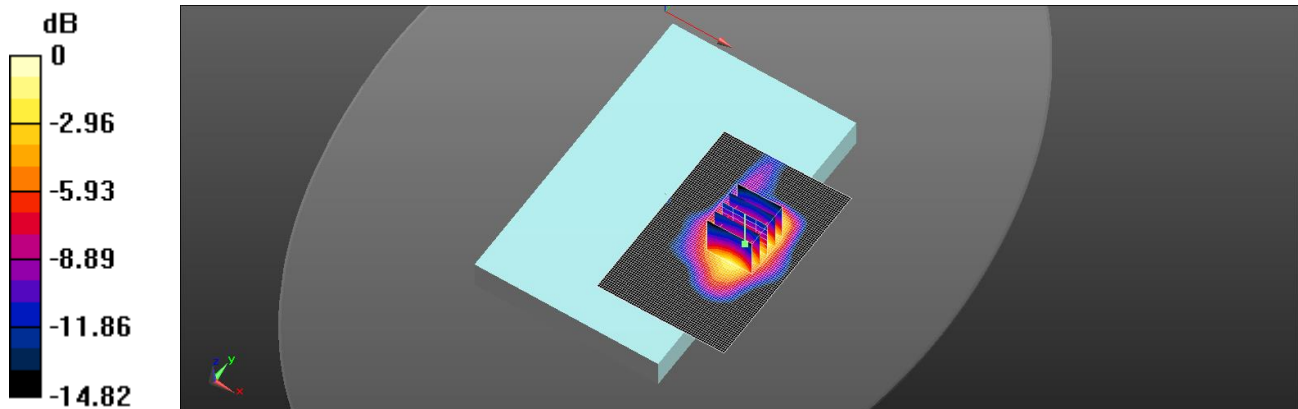
Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.140 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

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Date: 2026/5/31

ID: 018

Report No. :TESA2604000251ES

NR n5 (20MHz)_Body_Right Edge_CH 166800_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 834 MHz; Duty cycle= 1:1

Medium parameters used: $f = 834 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.226$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(8.6, 8.77, 9.27) @ 834 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x151x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.187 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.123 V/m; Power Drift = 0.04 dB

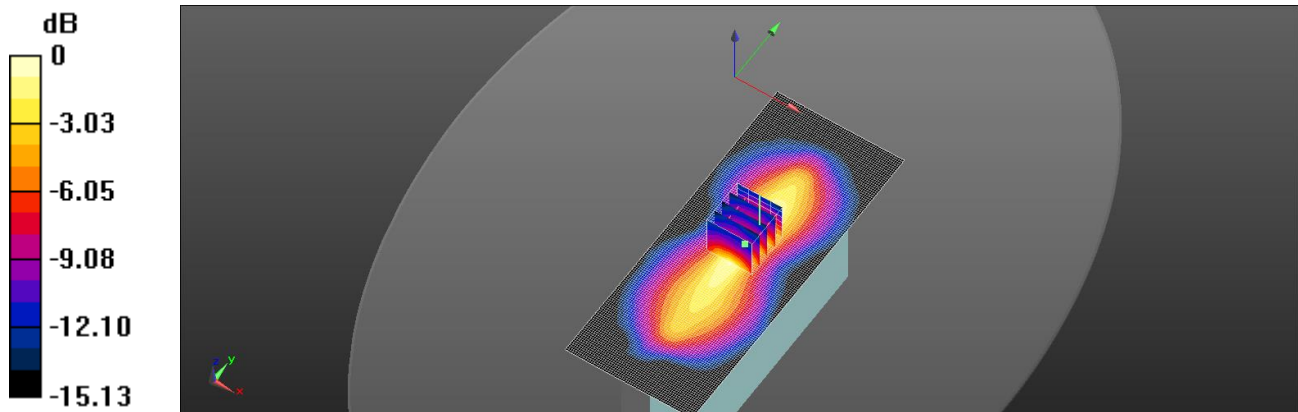
Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.065 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 48.8%

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

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Date: 2026/6/1

ID: 019

Report No. :TESA2604000251ES

NR n25 (20MHz)_Body_Back Surface_CH 376500_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 1882.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 39.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.95, 7.08, 7.49) @ 1882.5 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.337 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.08 V/m; Power Drift = 0.01 dB

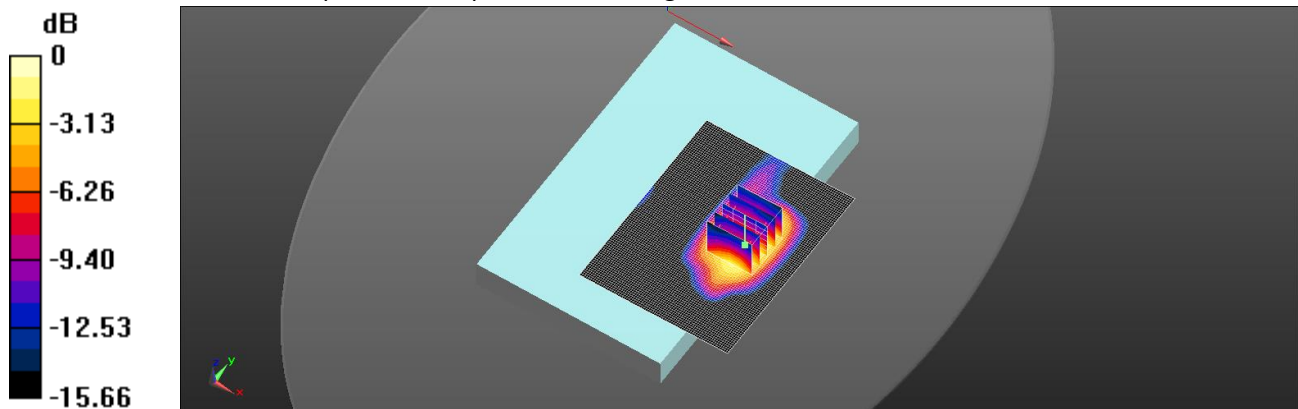
Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.141 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

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Date: 2026/5/31

ID: 020

Report No. :TESA2604000251ES

NR n66 (20MHz)_Body_Back Surface_CH 354000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 1770 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 39.801$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(7.34, 7.48, 7.92) @ 1770 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.08 V/m; Power Drift = -0.00 dB

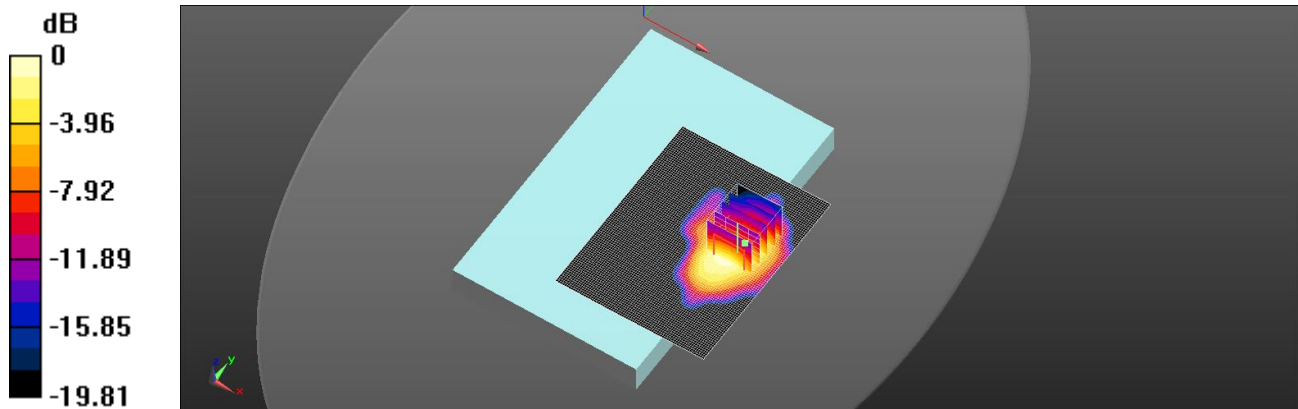
Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 58.2%

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

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Date: 2026/5/30

ID: 021

Report No. :TESA2604000251ES

NR n71 (20MHz)_Body_Right Edge_CH 134600_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 673 MHz; Duty cycle= 1:1

Medium parameters used: $f = 673 \text{ MHz}$; $\sigma = 0.907 \text{ S/m}$; $\epsilon_r = 41.993$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(8.81, 8.98, 9.5) @ 673 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.311 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.91 V/m; Power Drift = 0.17 dB

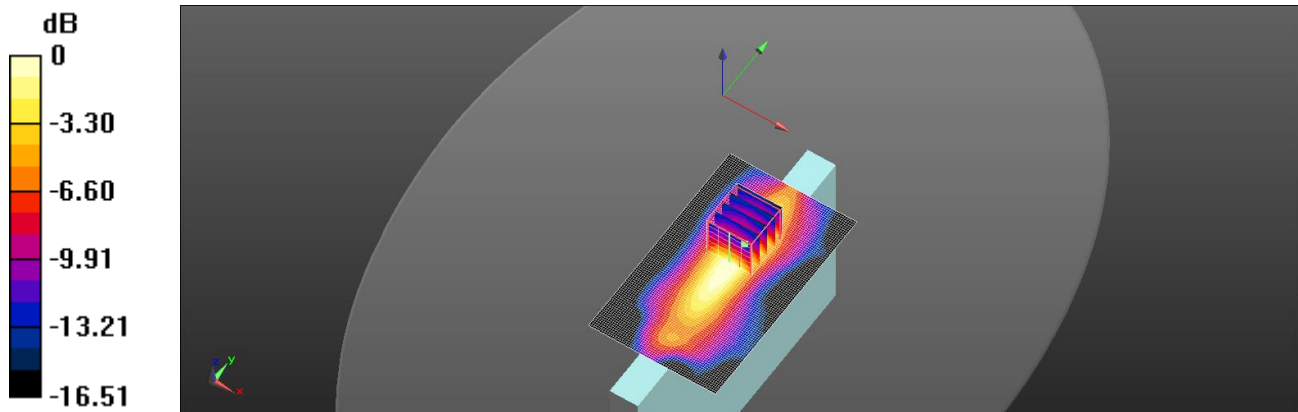
Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.065 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 46.5%

Maximum value of SAR (measured) = 0.298 W/kg



0 dB = 0.298 W/kg = -5.26 dBW/kg

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Date: 2026/06/02

ID: 022

Report No. :TESA2604000251ES

NR n41_PC3 (20MHz)_Body_Back Surface_CH 501204_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 2506.02 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2506.02$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 38.853$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.63, 6.76, 7.15) @ 2506.02 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/04
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x191x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.905 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.79 V/m; Power Drift = 0.03 dB

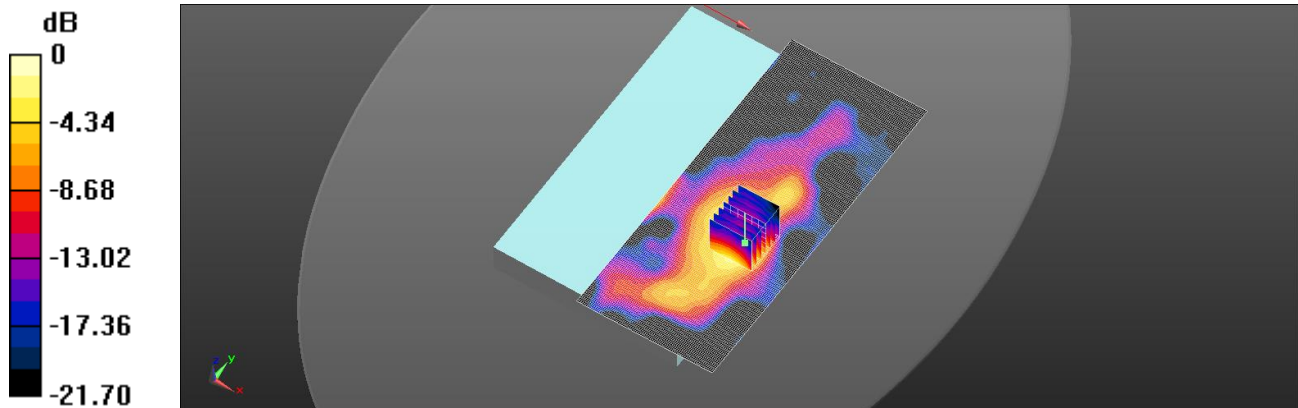
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.181 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 0.793 W/kg



0 dB = 0.793 W/kg = -0.68 dBW/kg

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Date: 2026/5/12

ID: 026

Report No. :TESA2604000251ES

WLAN 802.11b_Body_Left Edge_CH 6_0mm_Aux

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle= 1:1.024

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.811$ S/m; $\epsilon_r = 38.931$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.01, 6.98, 6.24) @ 2437 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.599 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.461 V/m; Power Drift = -0.15 dB

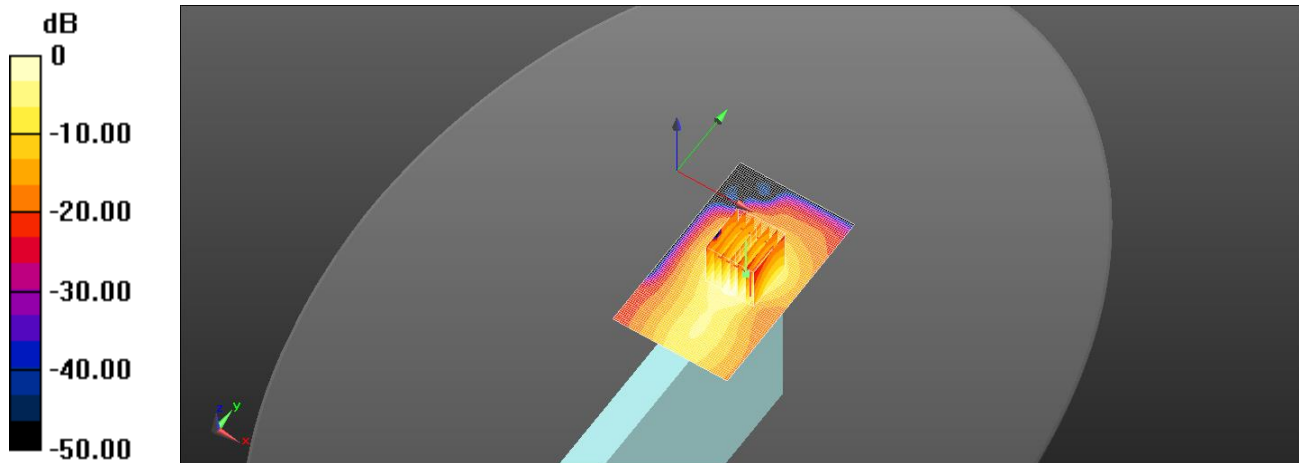
Peak SAR (extrapolated) = 0.687 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.161 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 0.564 W/kg



0 dB = 0.564 W/kg = -2.49 dBW/kg

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Date: 2026/5/12

ID: 027

Report No. :TESA2604000251ES

BLE_2M_Body_Left Edge_CH 19_0mm_Aux

Communication System: Bluetooth Low Energy; Frequency: 2440 MHz; Duty Cycle= 1:1.742

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 38.929$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.01, 6.98, 6.24) @ 2440 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.145 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.474 V/m; Power Drift = -0.08 dB

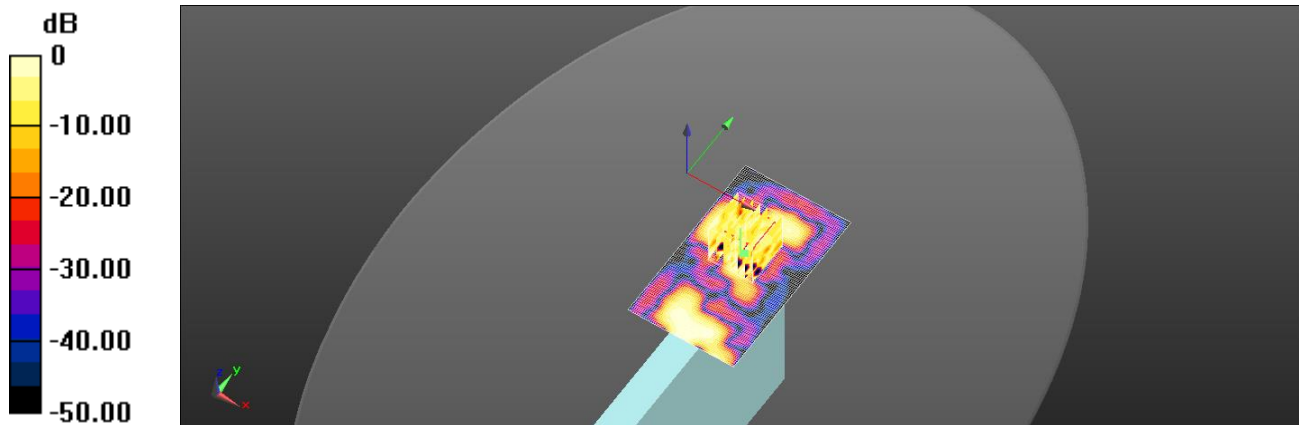
Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.003

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 36.4%

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

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Date: 2026/5/13

ID: 028

Report No. :TESA2604000251ES

WLAN 802.11a 5.2G_Body_Left Edge_CH 48_0mm_Aux

Communication System: WLAN; Frequency: 5240 MHz;Duty Cycle= 1:1.017

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.722 \text{ S/m}$; $\epsilon_r = 35.707$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(5.5, 5.48, 4.9) @ 5240 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.636 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.725 V/m; Power Drift = -0.00 dB

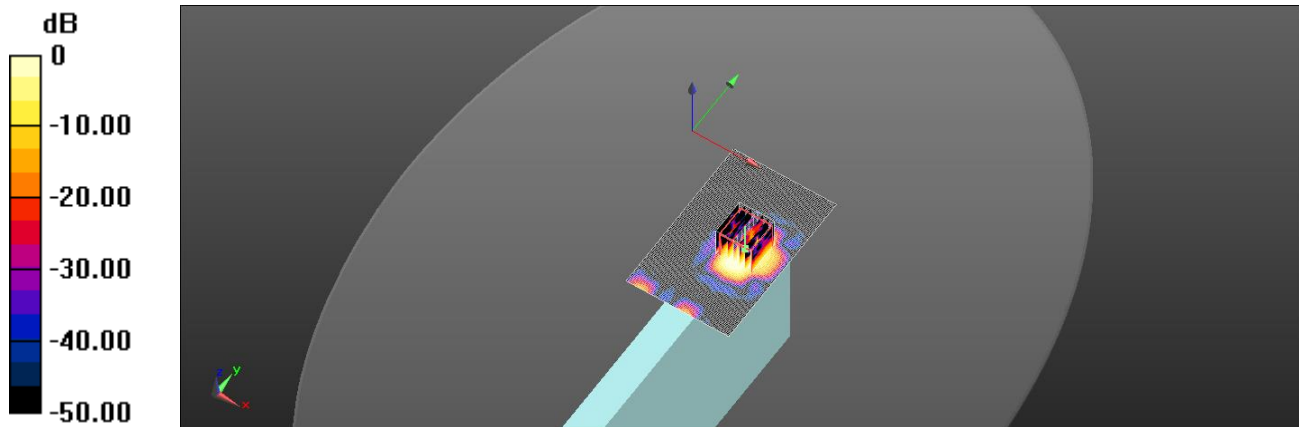
Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.027 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 50%

Maximum value of SAR (measured) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

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Date: 2026/5/13

ID: 029

Report No. :TESA2604000251ES

WLAN 802.11a 5.3G_Body_Left Edge_CH 52_0mm_Aux

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle= 1:1.017

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.746 \text{ S/m}$; $\epsilon_r = 35.642$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(5.5, 5.48, 4.9) @ 5260 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.441 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.664 V/m; Power Drift = -0.03 dB

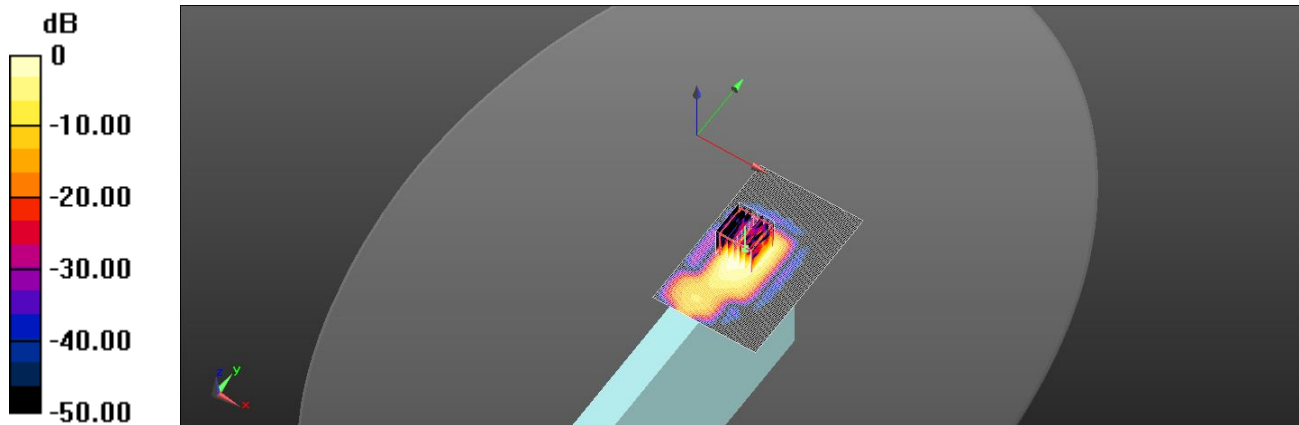
Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.034 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

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Date: 2026/5/13

ID: 030

Report No. :TESA2604000251ES

WLAN 802.11ac(160M) 5.6G_Body_Left Edge_CH 114_0mm_Aux

Communication System: WLAN; Frequency: 5570 MHz;Duty Cycle= 1:1.018

Medium parameters used: $f = 5570$ MHz; $\sigma = 5.062$ S/m; $\epsilon_r = 35.324$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(5.03, 5, 4.47) @ 5570 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.168 V/m; Power Drift = 0.03 dB

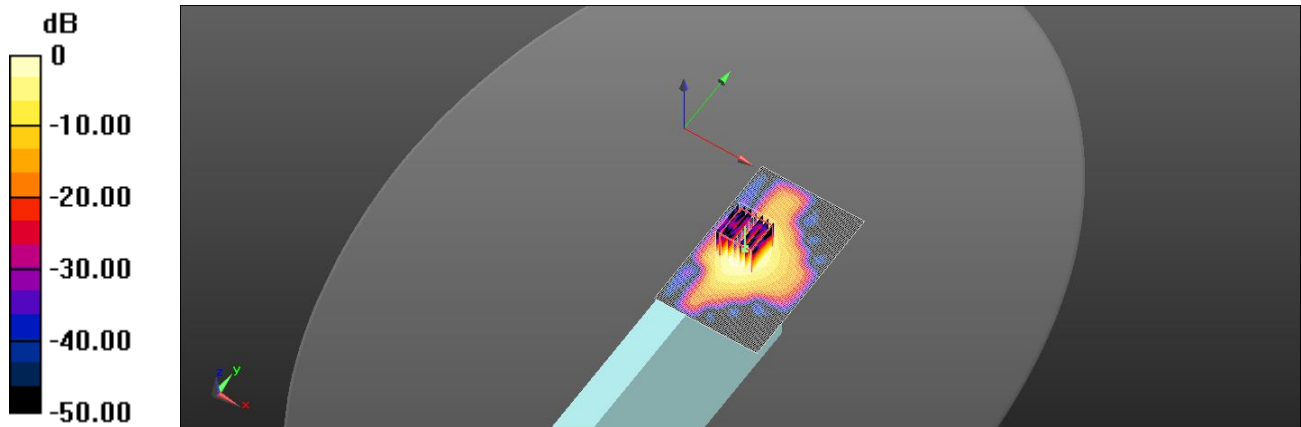
Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.177 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.6%

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

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Date: 2026/5/14

ID: 031

Report No. :TESA2604000251ES

WLAN 802.11a 5.8G_Body_Left Edge_CH 165_0mm_Aux

Communication System: WLAN; Frequency: 5825 MHz; Duty Cycle= 1:1.017

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.317 \text{ S/m}$; $\epsilon_r = 34.993$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(4.99, 4.97, 4.44) @ 5825 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 2.22 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.96 V/m; Power Drift = -0.06 dB

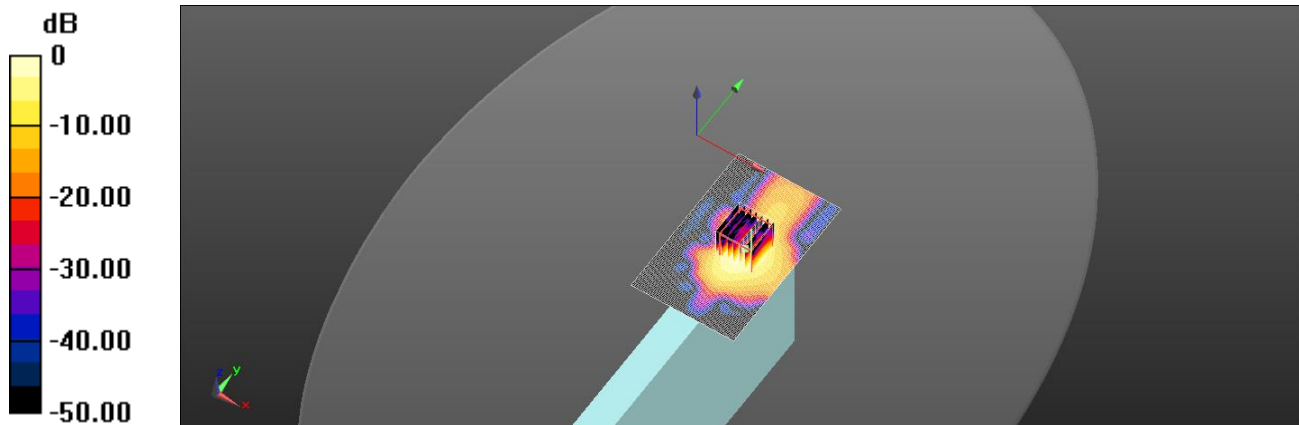
Peak SAR (extrapolated) = 4.81 W/kg

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.257 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 2.24 W/kg = 3.50 dBW/kg

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Date: 2026/5/14

ID: 032

Report No. :TESA2604000251ES

WLAN 802.11ac(40M) 5.9G_Body_Left Edge_CH 175_0mm_Aux

Communication System: WLAN; Frequency: 5875 MHz;Duty Cycle= 1:1.018

Medium parameters used: $f = 5875 \text{ MHz}$; $\sigma = 5.375 \text{ S/m}$; $\epsilon_r = 34.918$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(4.99, 4.97, 4.44) @ 5875 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.33 V/m; Power Drift = -0.16 dB

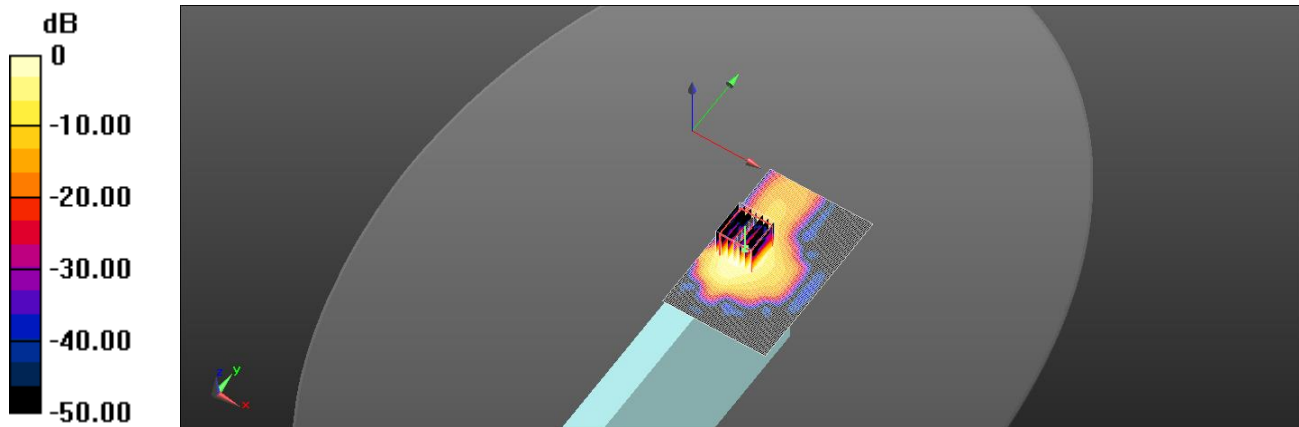
Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.149 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

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Date: 2026/5/12

ID: 033

Report No. :TESA2604000251ES

WLAN 802.11b_Body_Right Edge_CH 6_0mm_Main

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle= 1:1.024

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.811 \text{ S/m}$; $\epsilon_r = 38.931$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.01, 6.98, 6.24) @ 2437 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.799 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.673 V/m; Power Drift = -0.11 dB

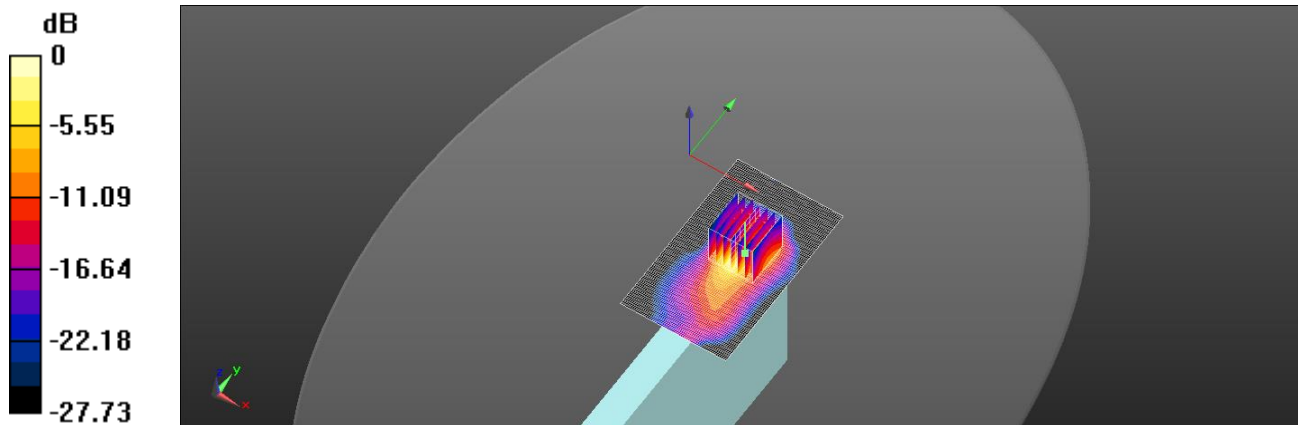
Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.184 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 46.3%

Maximum value of SAR (measured) = 0.806 W/kg



0 dB = 0.806 W/kg = -0.94 dBW/kg

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Date: 2026/5/13

ID: 034

Report No. :TESA2604000251ES

WLAN 802.11a 5.2G_Body_Right Edge_CH 48_0mm_Main_1

Communication System: WLAN; Frequency: 5240 MHz;Duty Cycle= 1:1.017

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.722 \text{ S/m}$; $\epsilon_r = 35.707$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(5.5, 5.48, 4.9) @ 5240 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x101x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.71 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.845 V/m; Power Drift = 0.16 dB

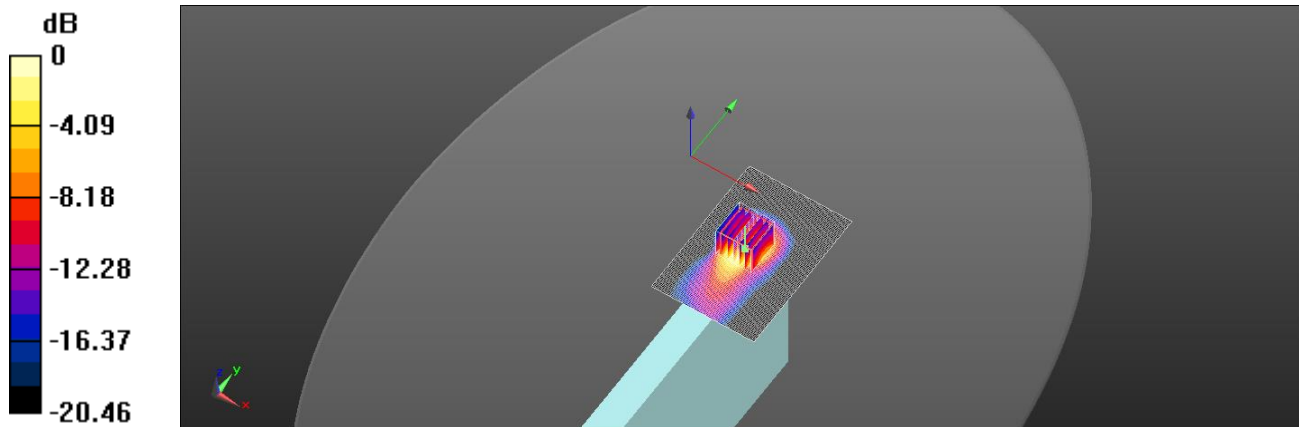
Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.377 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 72.7%

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

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Date: 2026/5/13

ID: 035

Report No. :TESA2604000251ES

WLAN 802.11a 5.3G_Body_Right Edge_CH 52_0mm_Main

Communication System: WLAN; Frequency: 5260 MHz; Duty Cycle= 1:1.017

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.746 \text{ S/m}$; $\epsilon_r = 35.642$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(5.5, 5.48, 4.9) @ 5260 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x101x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.197 V/m; Power Drift = -0.04 dB

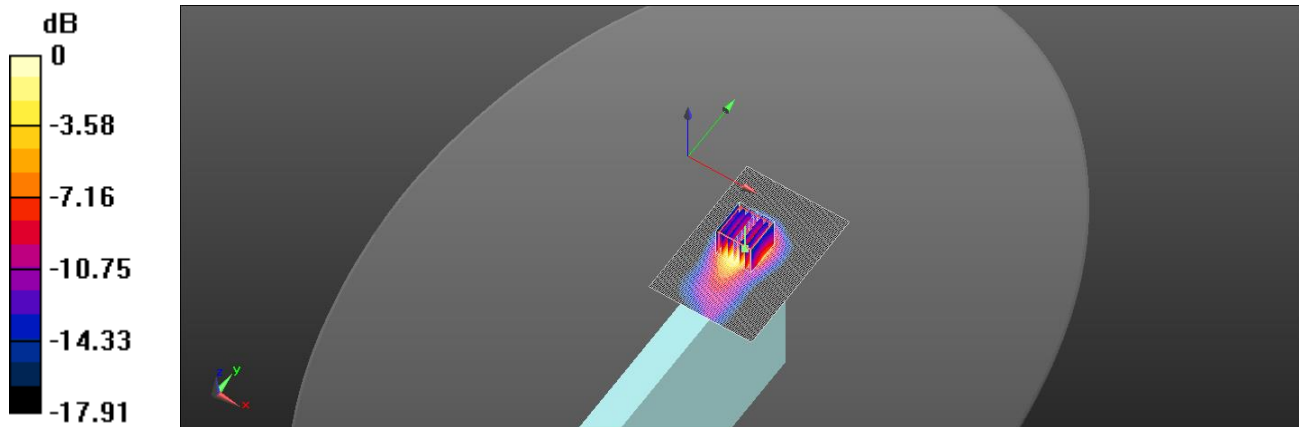
Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.385 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 71.2%

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

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Date: 2026/5/13

ID: 036

Report No. :TESA2604000251ES

WLAN 802.11a 5.6G_Body_Right Edge_CH 100_0mm_Main

Communication System: WLAN; Frequency: 5500 MHz; Duty Cycle= 1:1.017

Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 4.991 \text{ S/m}$; $\epsilon_r = 35.376$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(5.03, 5, 4.47) @ 5500 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x101x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.95 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.452 V/m; Power Drift = 0.10 dB

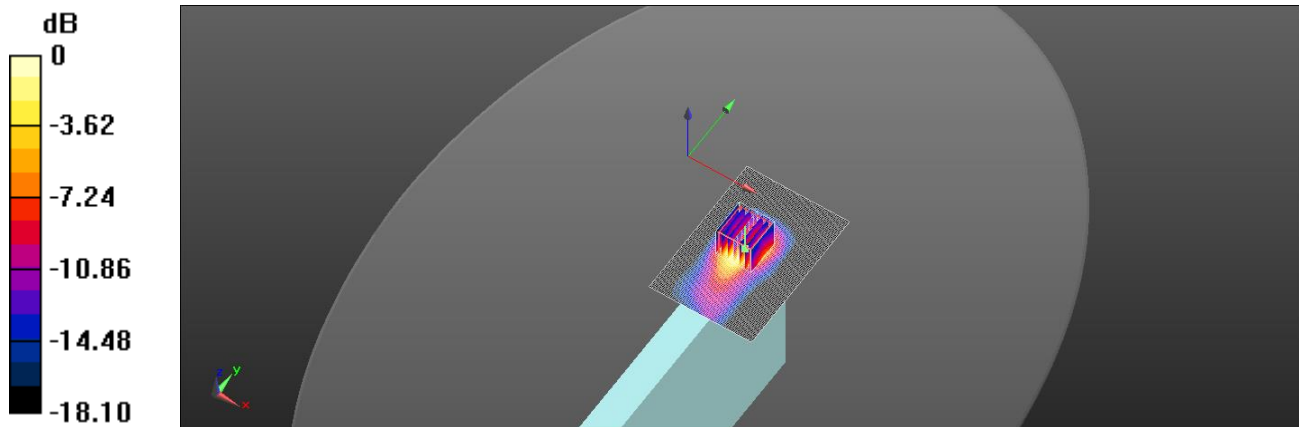
Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.442 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 71.6%

Maximum value of SAR (measured) = 1.90 W/kg



0 dB = 1.90 W/kg = 2.79 dBW/kg

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Date: 2026/5/14

ID: 037

Report No. :TESA2604000251ES

WLAN 802.11a 5.8G_Body_Right Edge_CH 165_0mm_Main

Communication System: WLAN; Frequency: 5825 MHz; Duty Cycle= 1:1.017

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.317 \text{ S/m}$; $\epsilon_r = 34.993$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(4.99, 4.97, 4.44) @ 5825 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x101x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 2.10 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.158 V/m; Power Drift = 0.09 dB

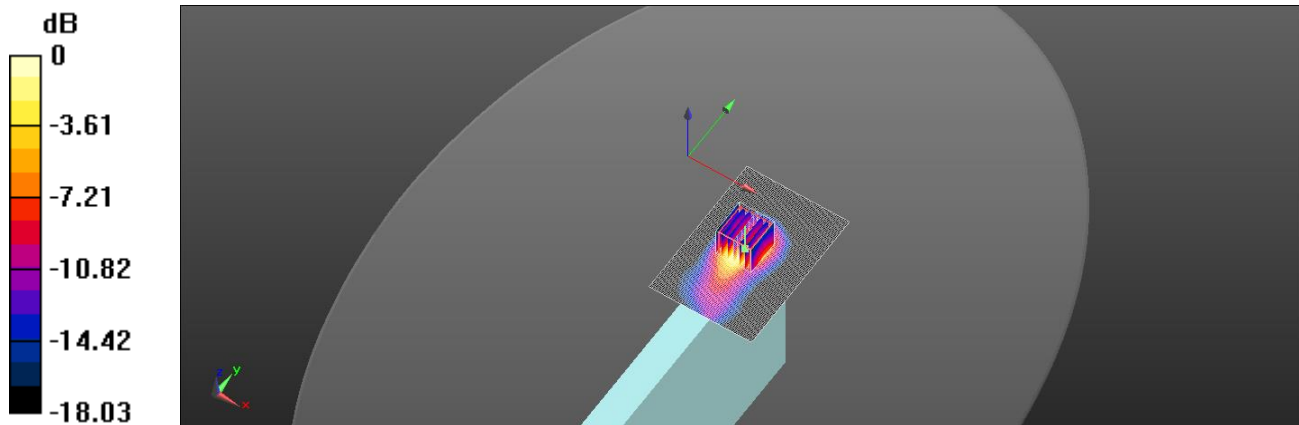
Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.465 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 71.1%

Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.03 W/kg = 3.07 dBW/kg

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Date: 2026/5/14

ID: 038

Report No. :TESA2604000251ES

WLAN 802.11ax(20M) 5.9G_Body_Right Edge_CH 173_0mm_Main

Communication System: WLAN; Frequency: 5865 MHz;Duty Cycle= 1:1.015

Medium parameters used: $f = 5865 \text{ MHz}$; $\sigma = 5.367 \text{ S/m}$; $\epsilon_r = 34.941$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(4.99, 4.97, 4.44) @ 5865 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x101x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.822 V/m; Power Drift = 0.14 dB

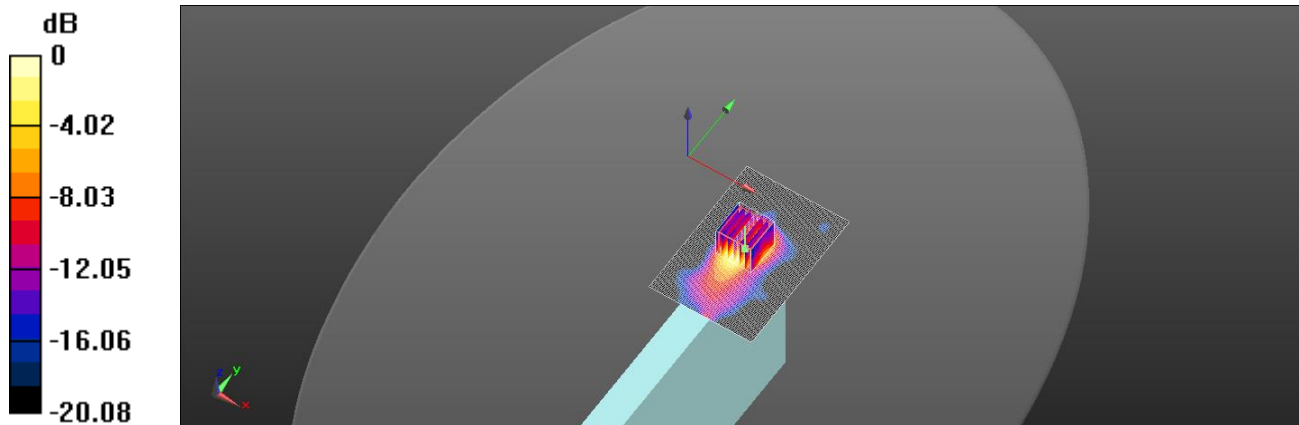
Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.328 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.7%

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

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ID: 039

Report No. :TESA2604000251ES

Measurement Report_U-NII-5 6.2GHz 802.11ax(160M)_Body_Top Edge_CH 15_0mm_Aux

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Top Edge, 0.00	6025.0, 15	5.25	5.55	34.68

Hardware Setup

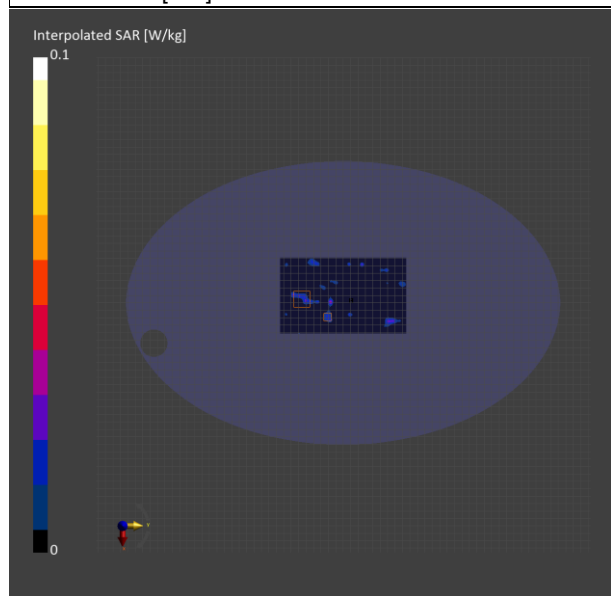
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 170.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	1.1 x 1.1 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.016	0
psSAR8g [W/kg]	0.003	0
psSAR10g [W/kg]	0.002	0
psPDab (4.0cm2, sq) [W/m2]		0
Power Drift [dB]	n/a	n/a
M2/M1 [%]		n/a
Dist 3dB Peak [mm]		0.4



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ID: 040

Report No. :TESA2604000251ES

Measurement Report_U-NII-5 6.2GHz 802.11ax(160M)_Body_Top Edge_CH 79_0mm_Aux

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Top Edge, 0.00	6345.0, 79	5.25	5.92	34.32

Hardware Setup

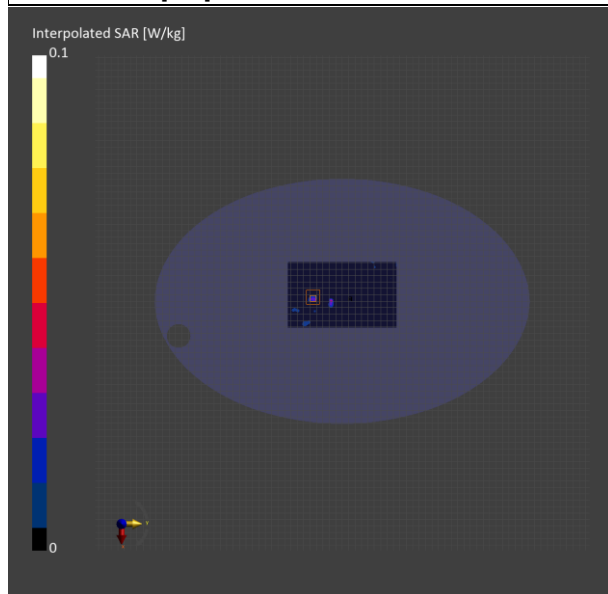
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 170.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	1.8 x 1.8 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.019	0
psSAR8g [W/kg]	0.003	0
psSAR10g [W/kg]	0.002	0
psPDab (4.0cm2, sq) [W/m2]		0
Power Drift [dB]	n/a	n/a
M2/M1 [%]		n/a
Dist 3dB Peak [mm]		1.9



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ID: 041

Report No. :TESA2604000251ES

Measurement Report_U-NII-6 6.5GHz 802.11ax(80M)_Body_Top Edge_CH 103_0mm_Aux

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Top Edge, 0.00	6465.0, 103	5.25	6.05	34.24

Hardware Setup

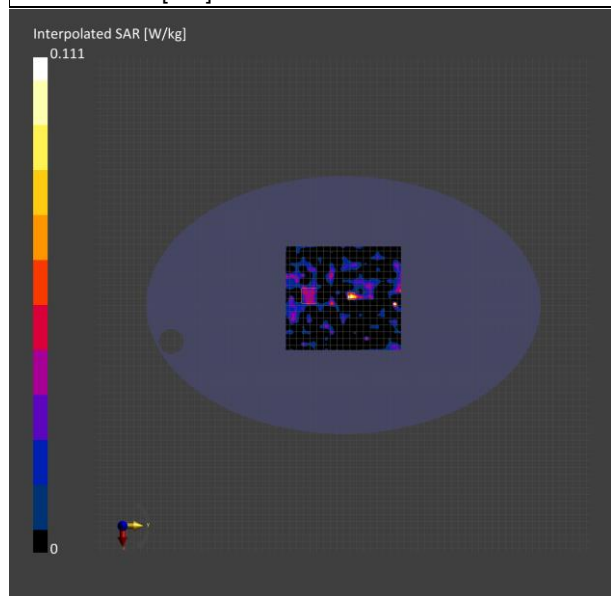
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 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	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.065	0.008
psSAR8g [W/kg]	0.017	0.002
psSAR10g [W/kg]	0.015	0.001
psPDab (4.0cm2, sq) [W/m2]		0.031
Power Drift [dB]	0.05	-0.01
M2/M1 [%]		56.9
Dist 3dB Peak [mm]		> 11.0



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ID: 042

Report No. :TESA2604000251ES

Measurement Report_U-NII-7 6.7GHz 802.11ax(80M)_Body_Top Edge_CH 167_0mm_Aux

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Top Edge, 0.00	6785.0, 167	5.25	6.43	33.94

Hardware Setup

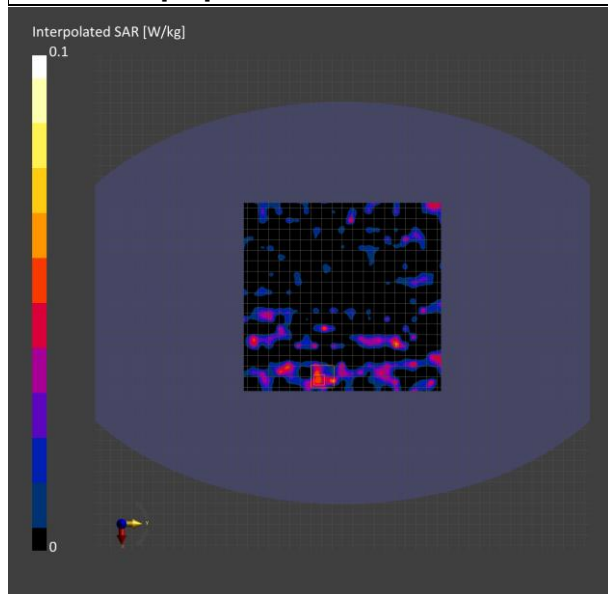
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	170.0 x 187.0	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	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.043	0.011
psSAR8g [W/kg]	0.016	0.008
psSAR10g [W/kg]	0.014	0.007
psPDab (4.0cm2, sq) [W/m2]		0.150
Power Drift [dB]	-0.09	0.02
M2/M1 [%]		56.1
Dist 3dB Peak [mm]		> 11.0



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ID: 043

Report No. :TESA2604000251ES

Measurement Report_U-NII-8 7.0GHz 802.11ax(80M)_Body_Top Edge_CH 183_0mm_Aux

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Top Edge, 0.00	6865.0, 183	5.33	6.52	33.75

Hardware Setup

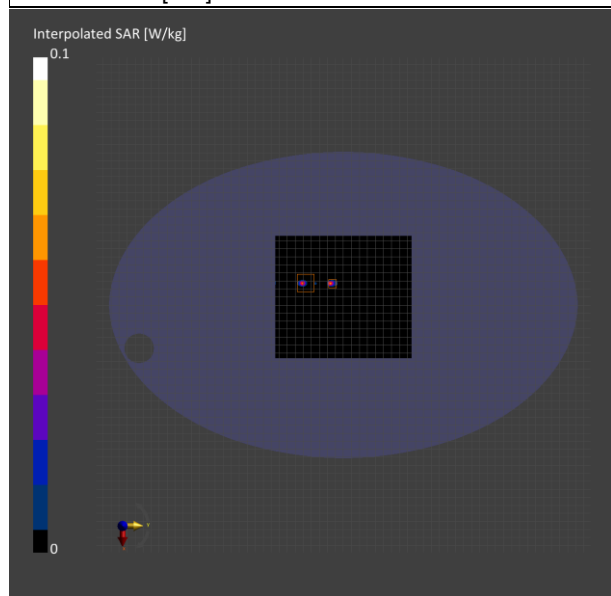
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 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	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.020	0
psSAR8g [W/kg]	0.002	0
psSAR10g [W/kg]	0	0
psPDab (4.0cm2, sq) [W/m2]		0
Power Drift [dB]	n/a	n/a
M2/M1 [%]		n/a
Dist 3dB Peak [mm]		> 11.0



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ID: 044

Report No. :TESA2604000251ES

Measurement Report_U-NII-5 6.2GHz 802.11ax(160M)_Body_Bottom Edge_CH 15_0mm_Main

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Edge, 0.00	6025.0, 15	5.25	5.55	34.68

Hardware Setup

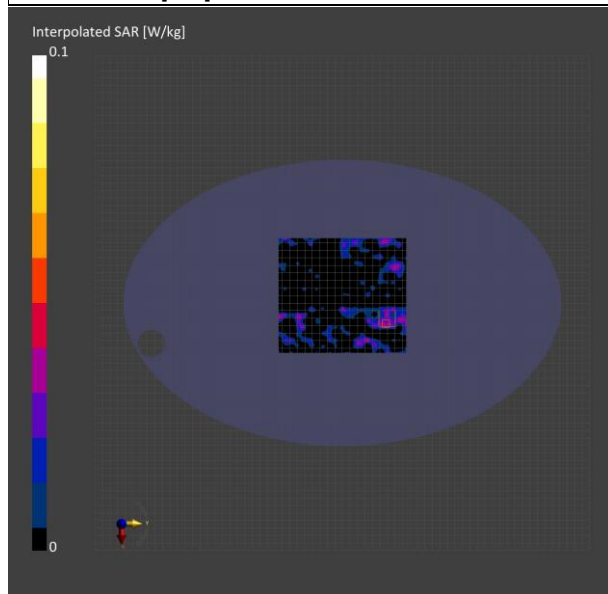
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 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	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.029	0.004
psSAR8g [W/kg]	0.012	0.002
psSAR10g [W/kg]	0.011	0.002
psPDab (4.0cm2, sq) [W/m2]		0.046
Power Drift [dB]	-0.09	0.02
M2/M1 [%]		37.9
Dist 3dB Peak [mm]		> 11.0



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ID: 045

Report No. :TESA2604000251ES

Measurement Report U-NII-5 6.2GHz 802.11ax(160M)_Body_Bottom Edge_CH 79_0mm_Main

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Edge, 0.00	6345.0, 79	5.25	5.92	34.32

Hardware Setup

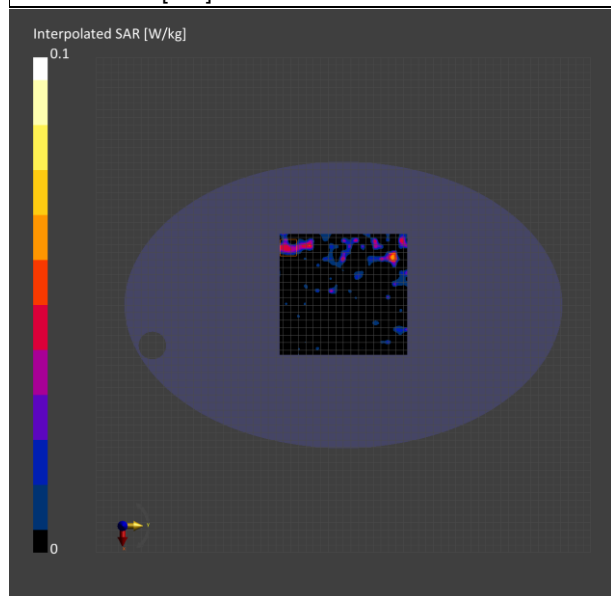
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 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	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.046	0.005
psSAR8g [W/kg]	0.012	0.004
psSAR10g [W/kg]	0.01	0.003
psPDab (4.0cm2, sq) [W/m2]		0.078
Power Drift [dB]	0.13	-0.11
M2/M1 [%]		48.8
Dist 3dB Peak [mm]		> 11.0



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ID: 046

Report No. :TESA2604000251ES

Measurement Report_U-NII-6 6.5GHz 802.11ax(80M)_Body_Bottom Edge_CH 103_0mm_Main

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Edge, 0.00	6465.0, 103	5.25	6.05	34.24

Hardware Setup

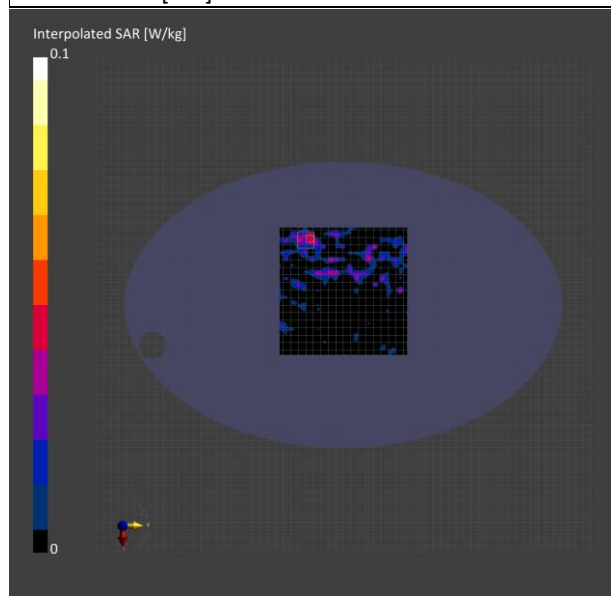
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 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	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.035	0.011
psSAR8g [W/kg]	0.014	0.005
psSAR10g [W/kg]	0.012	0.005
psPDab (4.0cm2, sq) [W/m2]		0.104
Power Drift [dB]	-0.05	-0.07
M2/M1 [%]		48.2
Dist 3dB Peak [mm]		> 11.0



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ID: 047

Report No. :TESA2604000251ES

Measurement Report_U-NII-7 6.7GHz 802.11ax(160M)_Body_Bottom Edge_CH 143_0mm_Main

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Edge, 0.00	6665.0, 143	5.25	6.29	34.05

Hardware Setup

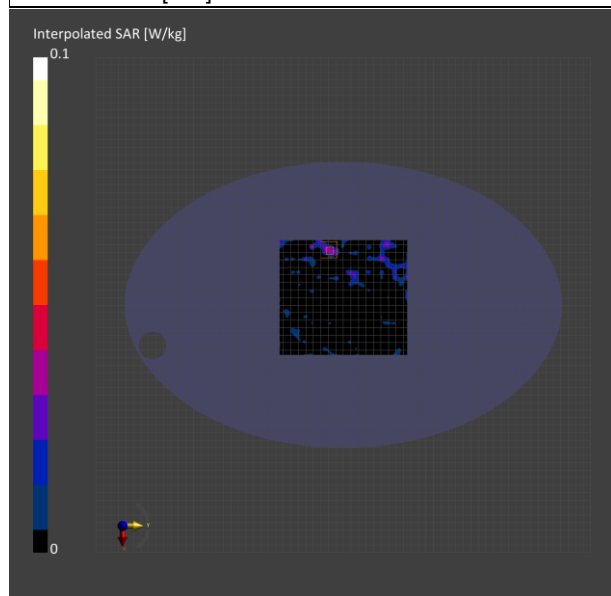
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 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	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.031	0.003
psSAR8g [W/kg]	0.009	0
psSAR10g [W/kg]	0.007	0
psPDab (4.0cm2, sq) [W/m2]		0.012
Power Drift [dB]	-0.13	-0.07
M2/M1 [%]		40.7
Dist 3dB Peak [mm]		> 11.0



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ID: 048

Report No. :TESA2604000251ES

Measurement Report_U-NII-8 7.0GHz 802.11ax(80M)_Body_Bottom Edge_CH 183_0mm_Main

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Edge, 0.00	6865.0, 183	5.33	6.52	33.75

Hardware Setup

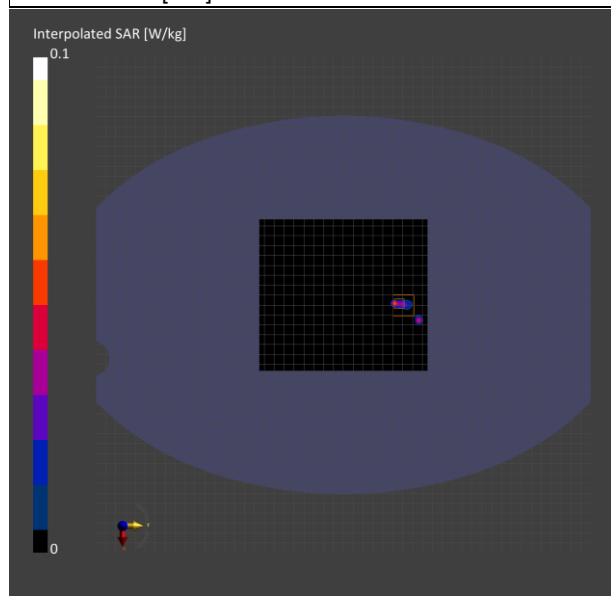
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7823, 2025-07-29	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	153.0 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	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2026-5-15	2026-5-15
psSAR1g [W/kg]	0.024	0.001
psSAR8g [W/kg]	0.005	0
psSAR10g [W/kg]	0.004	0
psPDab (4.0cm2, sq) [W/m2]		0.011
Power Drift [dB]	0.06	-0.08
M2/M1 [%]		39.5
Dist 3dB Peak [mm]		> 11.0



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13 PD MEASUREMENT RESULTS

ID: 049

Report No. :TESA2604000251ES

Measurement Report_Top Edge, U-NII-8,

IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle), Channel 167 (6785.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz],Channel Number	Conversion Factor
5G	Top Edge, 2.00	6785.0, 167	1.0

Hardware Setup

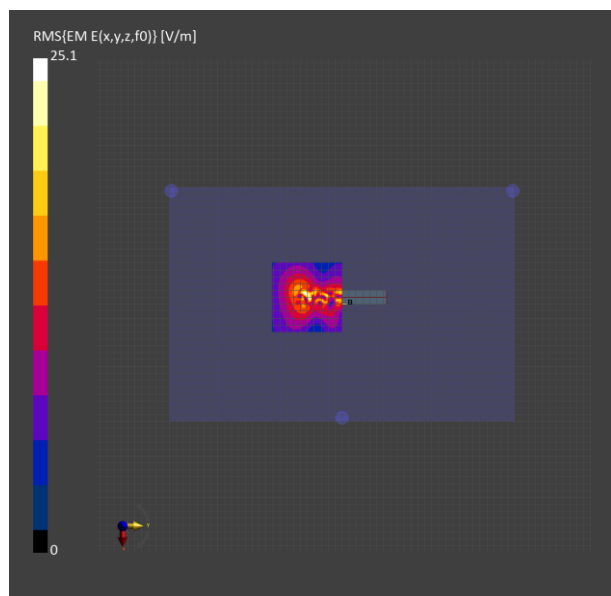
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV3 - SN9399_F1-55GHz, 2026-01-19	DAE4 Sn1665, 2026-03-02

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	2026-05-15
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.521
psPDtot+ [W/m ²]	0.687
psPDmod+ [W/m ²]	1.12
E _{max} [V/m]	25.1
Power Drift [dB]	-0.02



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14 SAR SYSTEM CHECK RESULTS

Date: 2026/5/30

Report No. :TESA2604000251ES

Dipole 750 MHz_SN:1015

Communication System: CW; Frequency: 750 MHz;Duty Cycle= 1:1

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 41.635$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(8.81, 8.98, 9.5) @ 750 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (41x141x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.83 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.35 V/m; Power Drift = 0.08 dB

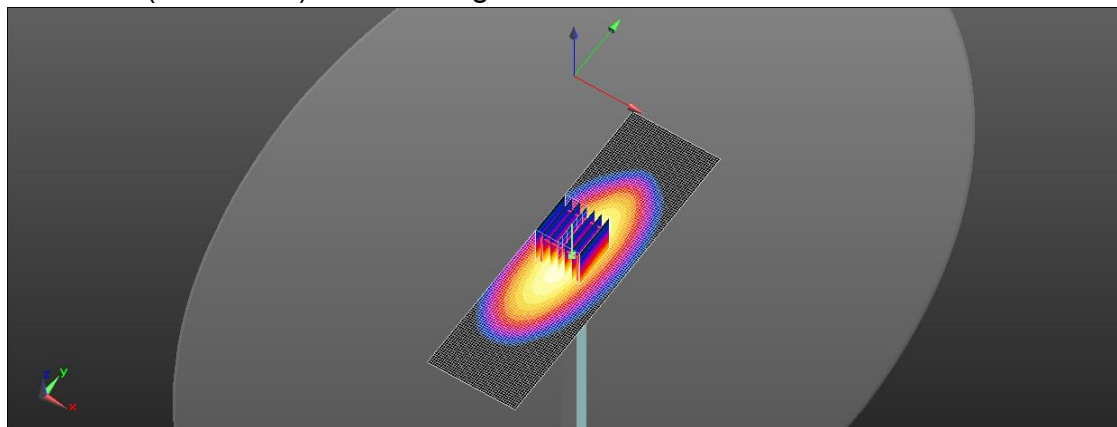
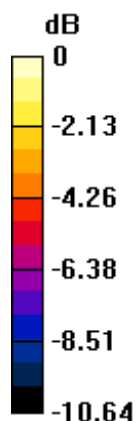
Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.37 W/kg

Smallest distance from peaks to all points 3 dB below = 16.4 mm

Ratio of SAR at M2 to SAR at M1 = 67.4%

Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.57 dBW/kg

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Date: 2026/5/31

Report No. :TESA2604000251ES

Dipole 835 MHz_SN:4d063

Communication System: CW; Frequency: 835 MHz;Duty Cycle= 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 41.155$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(8.6, 8.77, 9.27) @ 835 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 2.81 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 57.63 V/m; Power Drift = -0.02 dB

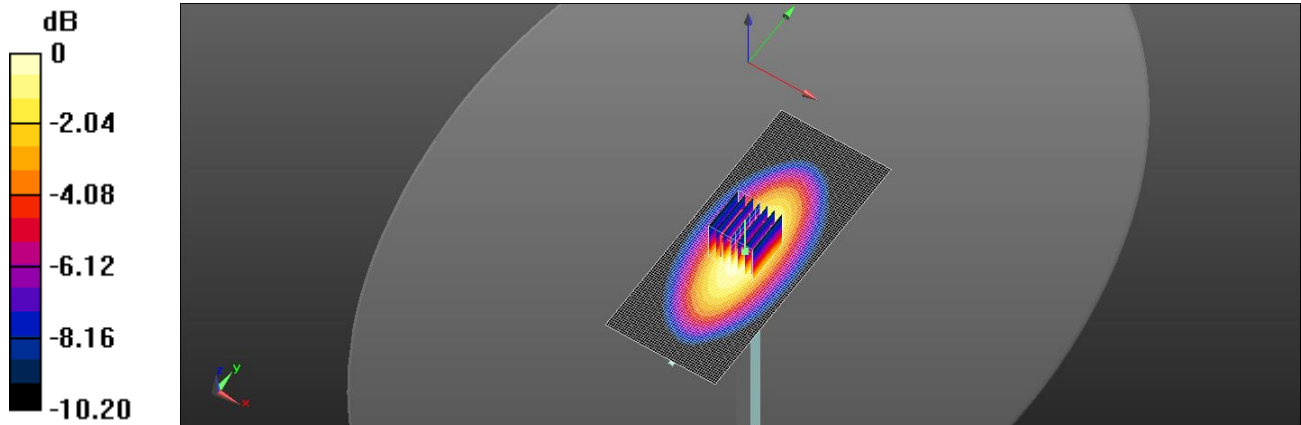
Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.54 W/kg

Smallest distance from peaks to all points 3 dB below = 18.4 mm

Ratio of SAR at M2 to SAR at M1 = 69.9%

Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88 W/kg = 4.56 dBW/kg

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Date: 2026/5/31

Report No. :TESA2604000251ES**Dipole 1750 MHz_SN:1008**

Communication System: CW; Frequency: 1750 MHz; Duty Cycle= 1:1

Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.399 \text{ S/m}$; $\epsilon_r = 39.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(7.34, 7.48, 7.92) @ 1750 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 13.3 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.21 V/m; Power Drift = -0.03 dB

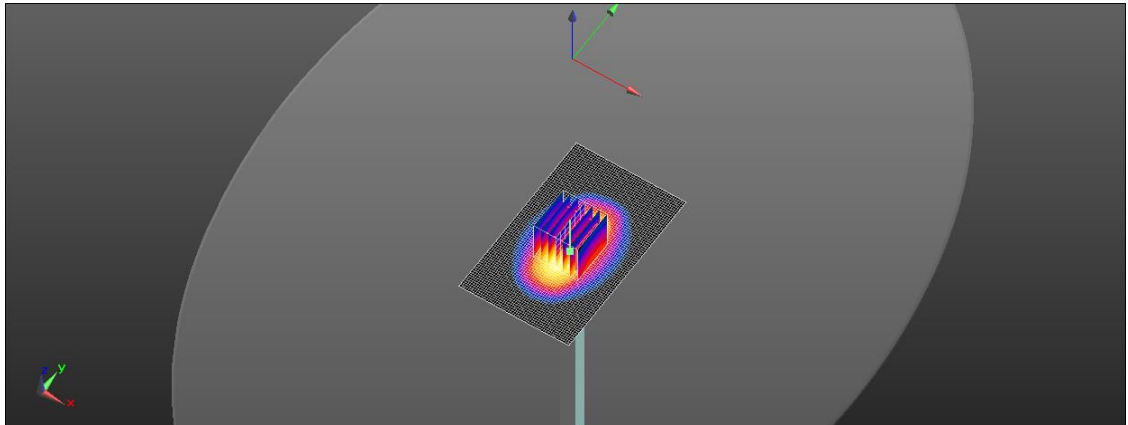
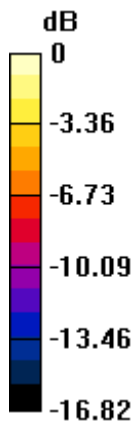
Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 8.78 W/kg; SAR(10 g) = 4.69 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 57.9%

Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2 W/kg = 11.17 dBW/kg

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Date: 2026/6/1

Report No. :TESA2604000251ES

Dipole 1900 MHz_SN:5d173

Communication System: CW; Frequency: 1900 MHz;Duty Cycle= 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.437 \text{ S/m}$; $\epsilon_r = 39.755$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(6.95, 7.08, 7.49) @ 1900 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 14.1 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 103.2 V/m; Power Drift = -0.04 dB

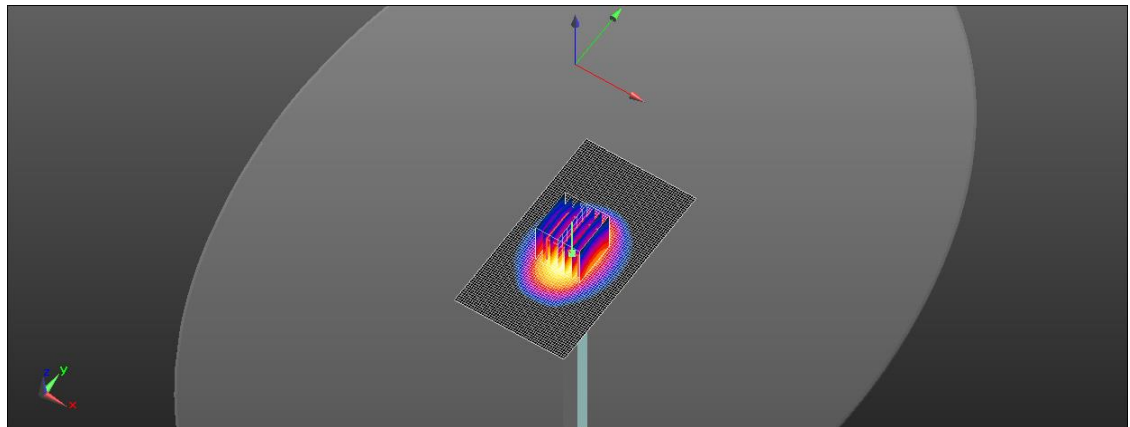
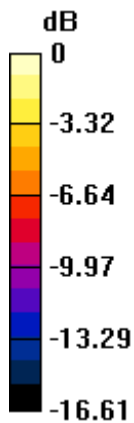
Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 9.84 W/kg; SAR(10 g) = 5.26 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.43 dBW/kg

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Date: 2026/6/1

Report No. :TESA2604000251ES**Dipole 2300 MHz_SN:1023**

Communication System: CW; Frequency: 2300 MHz; Duty Cycle= 1:1

Medium parameters used: $f = 2300 \text{ MHz}$; $\sigma = 1.705 \text{ S/m}$; $\epsilon_r = 39.237$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(6.8, 6.94, 7.34) @ 2300 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x91x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 19.8 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 112.1 V/m; Power Drift = -0.03 dB

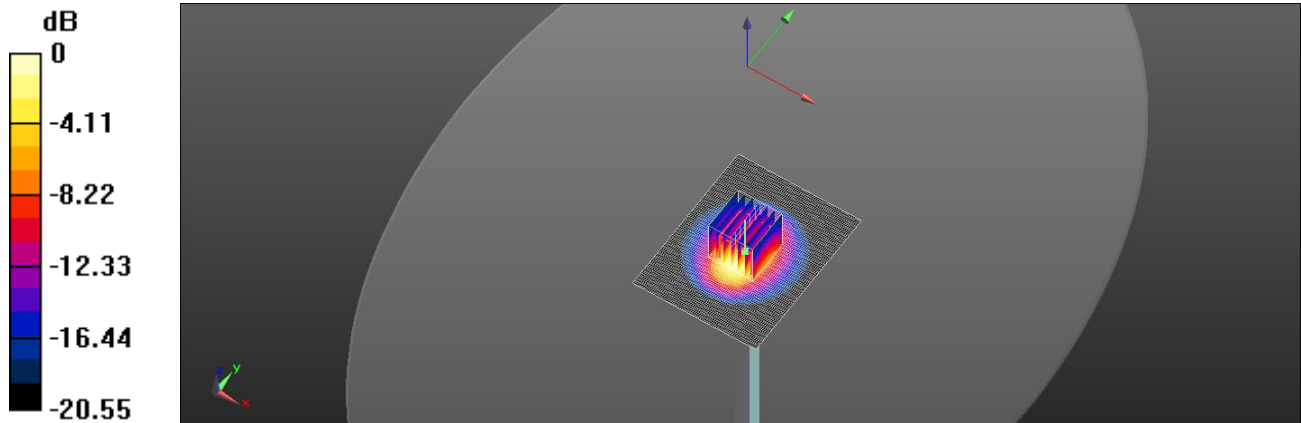
Peak SAR (extrapolated) = 22.9 W/kg

SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.84 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg = 12.87 dBW/kg

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Date: 2026/5/12

Report No. :TESA2604000251ES**Dipole 2450 MHz_SN:727**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle= 1:1

Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.828 \text{ S/m}$; $\epsilon_r = 38.872$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.01, 6.98, 6.24) @ 2450 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x91x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 21.4 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 108.7 V/m; Power Drift = -0.06 dB

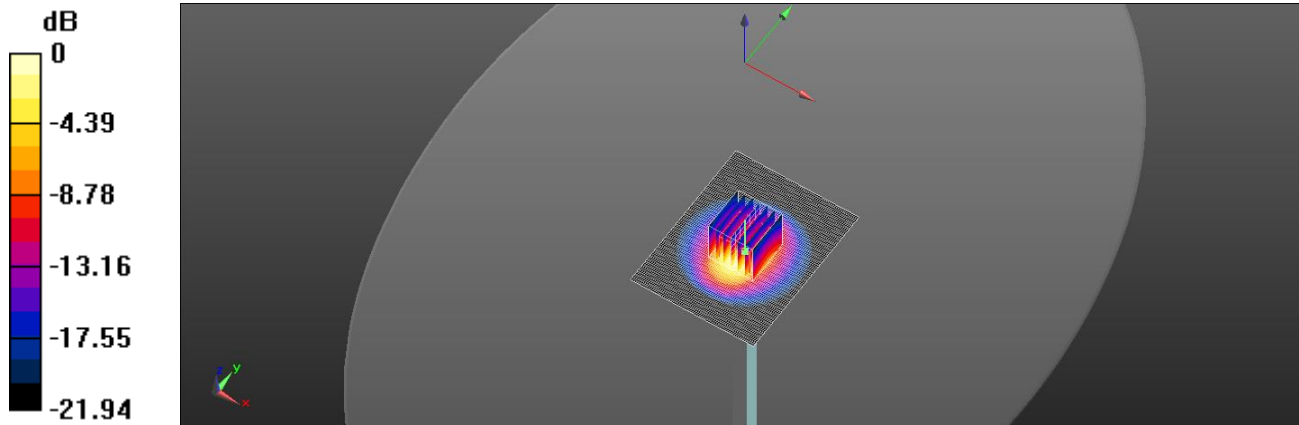
Peak SAR (extrapolated) = 25.3 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.18 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 50.7%

Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg = 13.25 dBW/kg

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Date: 2026/6/2

Report No. :TESA2604000251ES**Dipole 2600 MHz_SN:1005**

Communication System: CW; Frequency: 2600 MHz; Duty Cycle= 1:1

Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 1.999 \text{ S/m}$; $\epsilon_r = 38.713$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(6.63, 6.76, 7.15) @ 2600 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x91x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 22.2 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 104.9 V/m; Power Drift = 0.03 dB

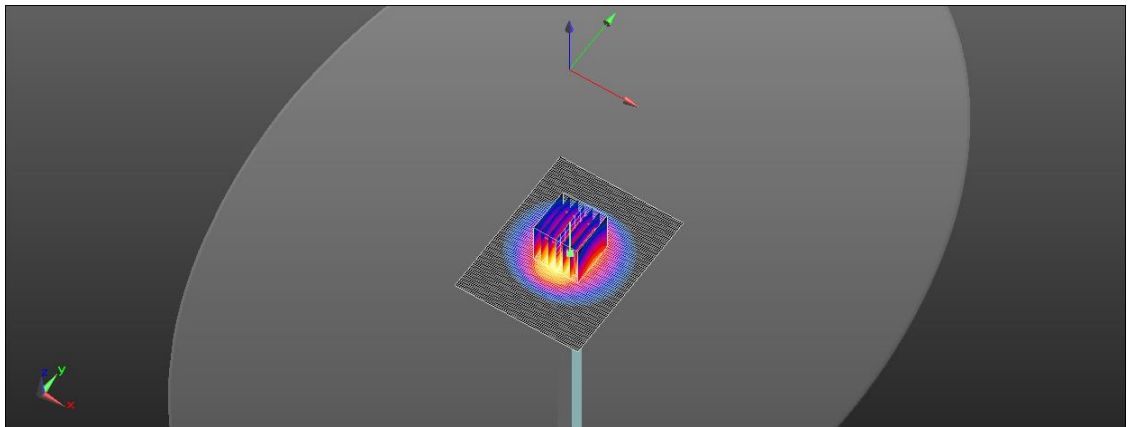
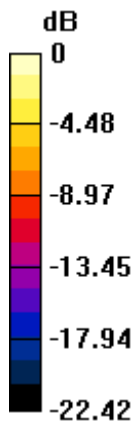
Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.25 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg = 13.25 dBW/kg

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Date: 2026/6/2

Report No. :TESA2604000251ES**Dipole 3500 MHz_SN:1009**

Communication System: CW; Frequency: 3500 MHz; Duty Cycle= 1:1

Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.94 \text{ S/m}$; $\epsilon_r = 37.589$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(5.97, 6.09, 6.44) @ 3500 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x81x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 13.2 W/kg

Zoom Scan (7x7x10)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 66.31 V/m; Power Drift = -0.09 dB

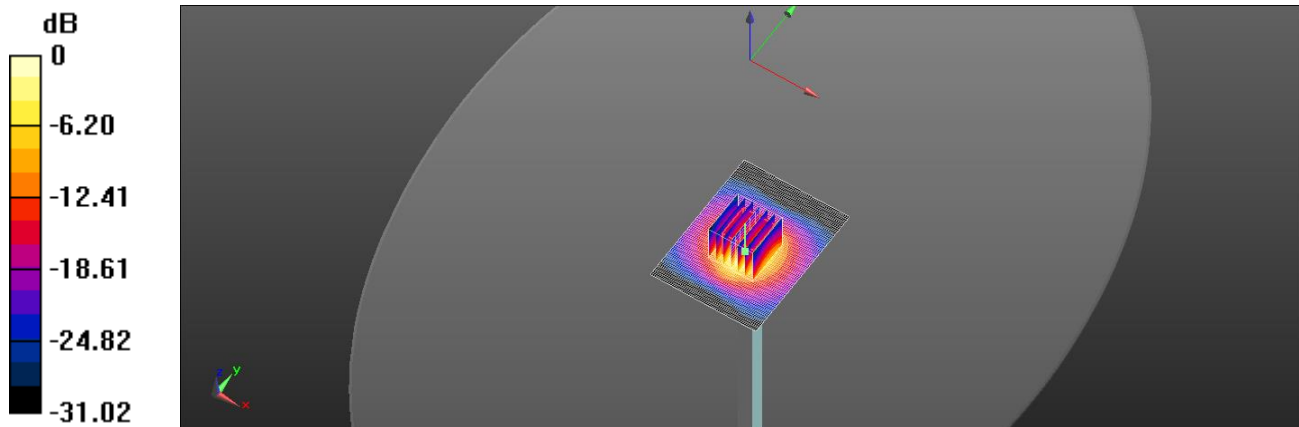
Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 6.62 W/kg; SAR(10 g) = 2.59 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 12.7 W/kg



0 dB = 12.7 W/kg = 10.95 dBW/kg

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Date: 2026/6/3

Report No. :TESA2604000251ES**Dipole 3700 MHz_SN:1057**

Communication System: CW; Frequency: 3700 MHz; Duty Cycle= 1:1

Medium parameters used: $f = 3700 \text{ MHz}$; $\sigma = 3.138 \text{ S/m}$; $\epsilon_r = 37.423$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(5.84, 5.95, 6.3) @ 3700 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x71x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 11.2 W/kg

Zoom Scan (7x7x10)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 67.68 V/m; Power Drift = -0.16 dB

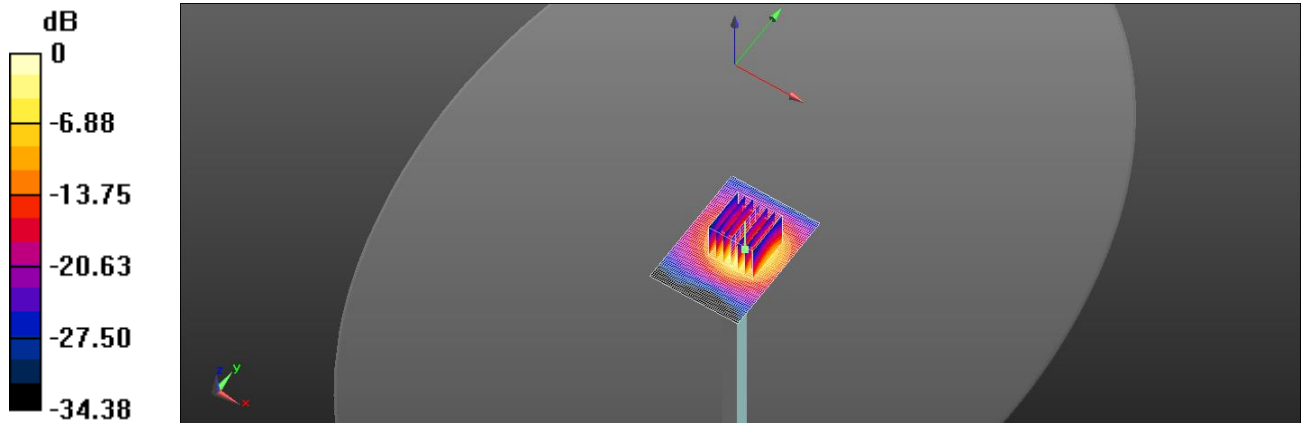
Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 6.32 W/kg; SAR(10 g) = 2.37 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg = 10.41 dBW/kg

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Date: 2026/6/3

Report No. :TESA2604000251ES**Dipole 3900 MHz_SN:1032**

Communication System: CW; Frequency: 3900 MHz; Duty Cycle= 1:1

Medium parameters used: $f = 3900 \text{ MHz}$; $\sigma = 3.353 \text{ S/m}$; $\epsilon_r = 37.182$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 – SN7754; ConvF(5.81, 5.92, 6.26) @ 3900 MHz; Calibrated: 2025/11/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2025/11/4
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x71x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

Maximum value of SAR (interpolated) = 14.6 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$

Reference Value = 65.71 V/m; Power Drift = 0.04 dB

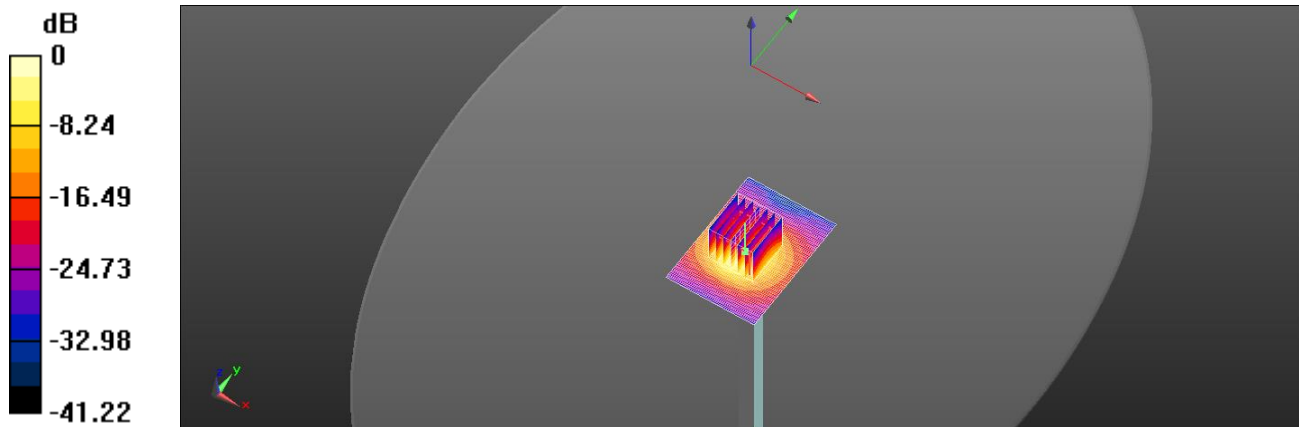
Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 6.76 W/kg; SAR(10 g) = 2.37 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.46 dBW/kg

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Date: 2026/5/13

Report No. :TESA2604000251ES

Dipole 5250 MHz_SN:1349

Communication System: CW; Frequency: 5250 MHz;Duty Cycle= 1:1

Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.736 \text{ S/m}$; $\epsilon_r = 35.651$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(5.5, 5.48, 4.9) @ 5250 MHz; Calibrated: 2025/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x91x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 20.8 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 72.71 V/m; Power Drift = -0.11 dB

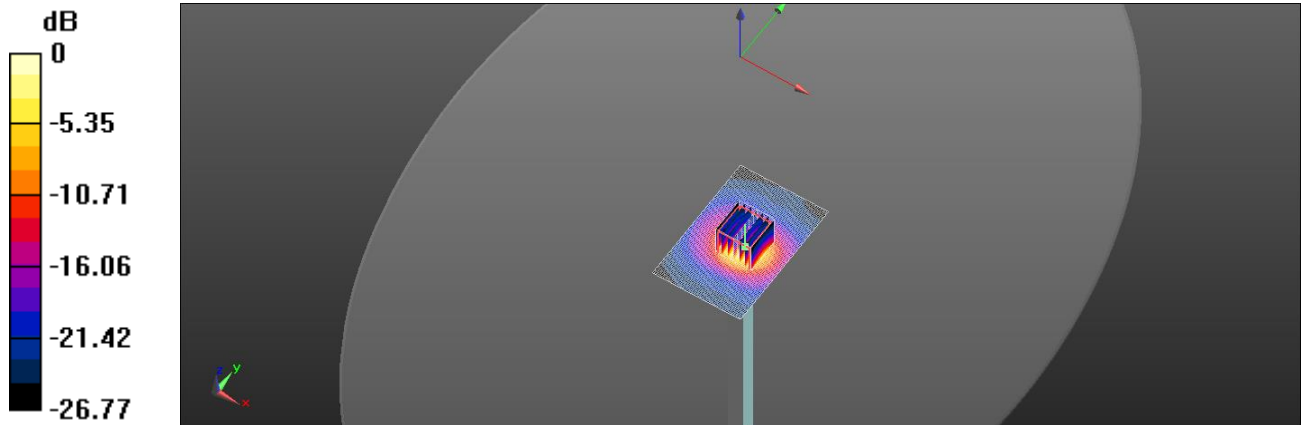
Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.37 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.6%

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg = 13.03 dBW/kg

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Date: 2026/5/13

Report No. :TESA2604000251ES**Dipole 5600 MHz_SN:1349**

Communication System: CW; Frequency: 5600 MHz; Duty Cycle= 1:1

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.105 \text{ S/m}$; $\epsilon_r = 35.154$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

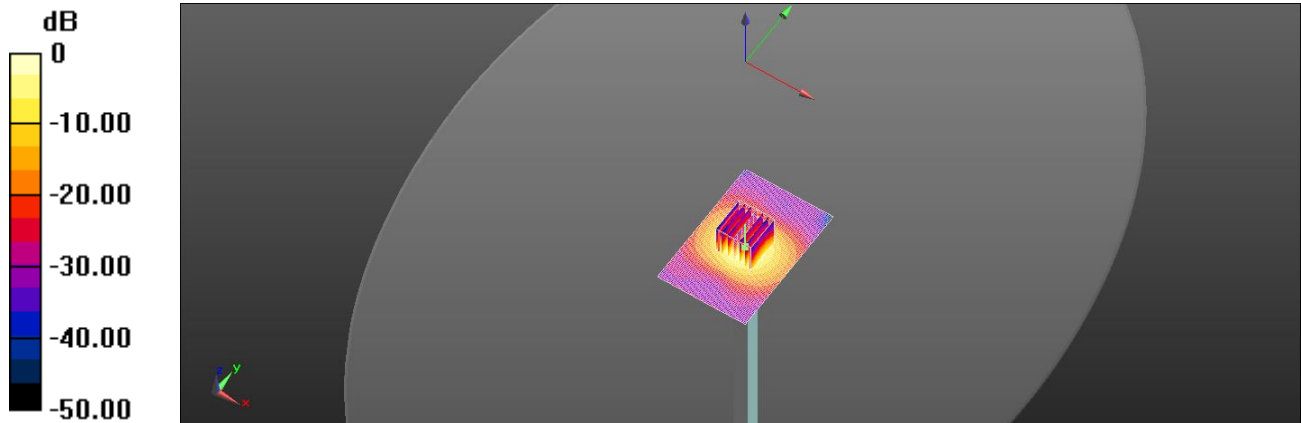
Ambient temperature: 22.7°C ; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(5.03, 5, 4.47) @ 5600 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x91x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$ Maximum value of SAR (interpolated) = 18.0 W/kg **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 71.23 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 37.2 W/kg **SAR(1 g) = 8.07 W/kg ; SAR(10 g) = 2.29 W/kg** Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 17.5 W/kg 0 dB = $17.5 \text{ W/kg} = 12.34 \text{ dBW/kg}$

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