

RF Exposure report



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

EUT Description	Wireless module installed in Notebook PC
Brand Name	Rolling Wireless
Model No.	RW135R-GL
Host Model Number:	TPN-C182
Applicant	Rolling Wireless S.a r.l. 8-10 rue Mathias Hardt 1717 Luxembourg
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID	2AX2URW135RGL
Date of EUT Receipt	Jun. 25, 2026
Date of Test(s)	Jul. 02, 2026 ~ Jul. 30, 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
TESA2606000466ES	00	Initial creation of document	Aug. 11, 2026	Cindy Chou	

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.
2. Measurement results from the reference test report TESA2606000463ES are partially leveraged in this test report.
3. The data for this test report WWAN leverages the measurements from the original test report TESA2606000463ES.

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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

EUT Description	Wireless module installed in Notebook PC	
Brand Name	Rolling Wireless	
Model No.	RW135R-GL	
Host Brand Name	HP	
Host Model Number:	TPN-C182	
Integrated WLAN Module	Brand Name: MediaTek Model Name: MT7925B22M	
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 7	2500-2570
	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 25	1850-1915
	LTE FDD Band 26	814-849
	LTE FDD Band 30	2305-2315
	LTE TDD Band 38 Power Class 2/3	2570-2620
	LTE TDD Band 41 Power Class 2/3	2496-2690

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Supported radios (TX Frequency Range, MHz)	LTE TDD Band 42 Power Class 2/3	3400-3600
	LTE TDD Band 43	3600-3700
	LTE TDD Band 48 Power Class 2/3	3550-3700
	LTE FDD Band 66	1710-1780
	LTE FDD Band 70	1695-1710
	LTE FDD Band 71	663-698
	LTE FDD Band 106	897.5-900.5
	n2	1850-1910
	n5	824-849
	n7	2500-2570
	n12	699-716
	n13	777-787
	n14	788-798
	n25	1850-1915
	n26	814-849
	n30	2305-2315
	n38	2570-2620
	n41	2496-2690
	n48	3550-3700
	n66	1710-1780
	n70	1695-1710
	n71	663-698
	n77	3700-3980
	n77	3450-3550 +3700-3980
	n78	3450-3550 +3700-3800

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Supported radios (TX Frequency Range, MHz)	802.11 b/g/n/ac/ax/be	2.4GHz (2400.0 – 2483.5 MHz)
	802.11a/n/ac/ax/be	5.2GHz (5150.0 – 5250.0 MHz) 5.3GHz (5250.0 – 5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz) 5.9GHz (5850.0 – 5895.0 MHz)
	802.11a/ax/be	6.2GHz (5925.0 – 6425.0 MHz) 6.5GHz (6425.0 – 6525.0 MHz) 6.7GHz (6525.0 – 6875.0 MHz) 7.0GHz (6875.0 – 7125.0 MHz)
	Bluetooth	2.4GHz (2400.0 – 2483.5 MHz)

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1.3 Maximum value

Summary of Maximum SAR and Power Density Value			
Mode	Highest SAR 1g (W/kg)	Highest APD (W/m ²)	Highest PD (W/m ²)
LTE Band 70	0.18	N/A	N/A
Bluetooth(GFSK)	0.02	N/A	N/A
2.4G WLAN	0.17	N/A	N/A
5G WLAN	0.1	N/A	N/A
6G WLAN	0.07	0.68	2.13

1.4 Antenna Information

WWAN

Vendor		Part Number		Antenna
Vendor1		DC330036J30 (330-24073)		Ant 5
		DC330036J40 (260-24496)		Ant 6
Band	Frequency(MHz)	Peak Gain (dBi)		
		Ant 5	Ant 6	
LTE / 5G NR 2	1850~1910	-3.96		
LTE / 5G NR 4	1710~1755	-3.13		
LTE / 5G NR 5	824~849	-2.64		
LTE / 5G NR 7	2500~2570	-1.79		
LTE / 5G NR 12	699~716	-2.04		
LTE / 5G NR 13	777~787	-1.86		
LTE / 5G NR 14	788~798	-2.38		
LTE 17	704~716	-2.04		
LTE / 5G NR 25	1850~1915	-3.55		
LTE / 5G NR 26	814~849	-2.36		
LTE / 5G NR 30	2305~2315	-1.65		
LTE / 5G NR 38	2570~2620	-3.27		
LTE / 5G NR 41	2496~2690	-1.6	0.28	
LTE 42	3400~3600	-1.48		
LTE 43	3600~3800	-0.95		
LTE / 5G NR 48	3550~3700	-1.48		
LTE / 5G NR 66	1710~1780	-3.13		
LTE / 5G NR 70	1695~1710	-3.39		
LTE / 5G NR 71	663~698	-3.16		
LTE 106	897.5~900.5	-2.92		
5G NR 77	3300~4200	1.22	0.41	
5G NR 78	3300~3800	-0.95	0.41	

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Vendor		Part Number		Antenna
Vendor2		DC330036E30 (MDA-S6G1-02-008)		Ant 5
		DC330036E40 (WA-P-S6G1-02-049)		Ant 6
Band	Frequency(MHz)	Peak Gain (dBi)		
		Ant 5	Ant 6	
LTE / 5G NR 2	1850~1910	0.3		
LTE / 5G NR 4	1710~1755	-0.6		
LTE / 5G NR 5	824~849	1.4		
LTE / 5G NR 7	2500~2570	1.2		
LTE / 5G NR 12	699~716	1.7		
LTE / 5G NR 13	777~787	1.1		
LTE / 5G NR 14	788~798	-0.2		
LTE 17	704~716	-0.2		
LTE / 5G NR 25	1850~1915	1.2		
LTE / 5G NR 26	814~849	1.4		
LTE / 5G NR 30	2305~2315	0.6		
LTE / 5G NR 38	2570~2620	0.1		
LTE / 5G NR 41	2496~2690	1.5	0.1	
LTE 42	3400~3600	1.4		
LTE 43	3600~3800	0.6		
LTE / 5G NR 48	3550~3700	0.6		
LTE / 5G NR 66	1710~1780	-0.6		
LTE / 5G NR 70	1695~1710	-0.6		
LTE / 5G NR 71	663~698	1.4		
LTE 106	897.5~900.5	0.79		
5G NR 77	3300~4200	1.6	-0.4	
5G NR 78	3300~3800	1.6	-0.8	

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Vendor		Part Number		Antenna
Vendor3		DC330036630 (81ELBF15.GAY)		Ant 5
		DC330036640 (81ELBF15.GAZ)		Ant 6
Band	Frequency(MHz)	Peak Gain (dBi)		
		Ant 5	Ant 6	
LTE / 5G NR 2	1850~1910	1.33		
LTE / 5G NR 4	1710~1755	1.49		
LTE / 5G NR 5	824~849	-1.34		
LTE / 5G NR 7	2500~2570	2.74		
LTE / 5G NR 12	699~716	-1.28		
LTE / 5G NR 13	777~787	0.1		
LTE / 5G NR 14	788~798	-0.52		
LTE 17	704~716	-1.28		
LTE / 5G NR 25	1850~1915	1.33		
LTE / 5G NR 26	814~849	-1.02		
LTE / 5G NR 30	2305~2315	0.94		
LTE / 5G NR 38	2570~2620	2.44		
LTE / 5G NR 41	2496~2690	2.74	-1.09	
LTE 42	3400~3600	1.79		
LTE 43	3600~3800	0.83		
LTE / 5G NR 48	3550~3700	0.83		
LTE / 5G NR 66	1710~1780	1.74		
LTE / 5G NR 70	1695~1710	0.18		
LTE / 5G NR 71	663~698	-1.18		
LTE 106	897.5~900.5	-1.21		
5G NR 77	3300~4200	2.55	0.32	
5G NR 78	3300~3800	2.55	-0.44	

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WLAN

Vendor		Part Number		Antenna
Vendor1		DC330036J20 (260-24497)		Ant 1
		DC330036J20 (260-24497)		Ant 2
Band	Frequency(MHz)	Peak Gain (dBi)		
		Ant 1	Ant 2	
2.45GHz	2400~2500	-0.45	-1.65	
5.2GHz	5150~5250	-1.99	-1.71	
5.3GHz	5250~5350	-1.39	-1.81	
5.6GHz	5470~5725	-0.49	-1.54	
5.8GHz	5725~5850	1.03	-1.16	
5.9GHz	5850~5895	1.03	-1.16	
6.2GHz	5925~6425	2.17	0.07	
6.5GHz	6425~6525	0.68	1.43	
6.7GHz	6525~6875	0.42	1.33	
7.0GHz	6875~7125	0.67	0.54	

Vendor		Part Number		Antenna
Vendor2		DC330036B20 (WA-P-LELE-02-039)		Ant 1
		DC330036B20 (WA-P-LELE-02-039)		Ant 2
Band	Frequency(MHz)	Peak Gain (dBi)		
		Ant 1	Ant 2	
2.45GHz	2400~2500	2.8	1.79	
5.2GHz	5150~5250	0.82	2.27	
5.3GHz	5250~5350	0.82	2.27	
5.6GHz	5470~5725	1.34	0.69	
5.8GHz	5725~5850	0.07	0.64	
5.9GHz	5850~5895	1.66	0.64	
6.2GHz	5925~6425	2.85	2.42	
6.5GHz	6425~6525	2.27	1.01	
6.7GHz	6525~6875	2.52	1.01	
7.0GHz	6875~7125	1.66	0.29	

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Vendor		Part Number		Antenna
Vendor3		DC330036620 (81ELBF15.GAX)		Ant 1
		DC330036620 (81ELBF15.GAX)		Ant 2
Band	Frequency(MHz)	Peak Gain (dBi)		
		Ant 1	Ant 2	
2.45GHz	2400~2500	1.2	2.11	
5.2GHz	5150~5250	1.37	0.16	
5.3GHz	5250~5350	1.37	0.53	
5.6GHz	5470~5725	2.36	0.34	
5.8GHz	5725~5850	0	0.09	
5.9GHz	5850~5895	0.51	0.43	
6.2GHz	5925~6425	1.77	1.64	
6.5GHz	6425~6525	0.5	0.86	
6.7GHz	6525~6875	0.95	0.71	
7.0GHz	6875~7125	0.95	1.37	

Note: Antenna information is provided by the applicant.

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2 MEASUREMENT SYSTEM

2.1 Test Facility

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

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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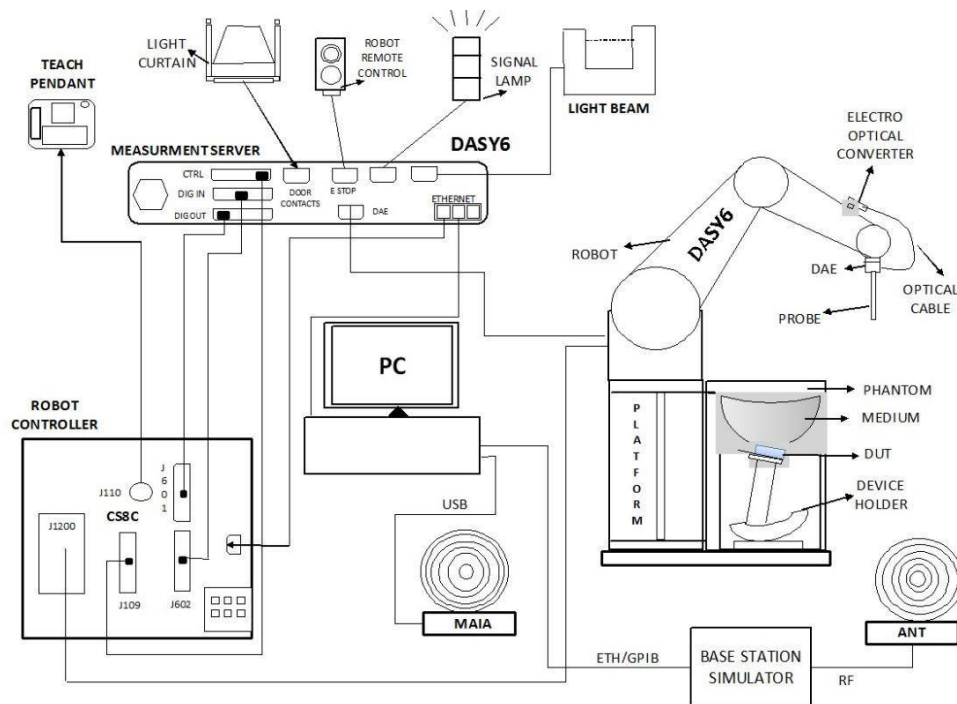
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Block Diagram (DASY5)

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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 750/835/900/1750/1900/2300/2450/2600/3500/3700/3900/5250/5600/5750/5850/6500/7000 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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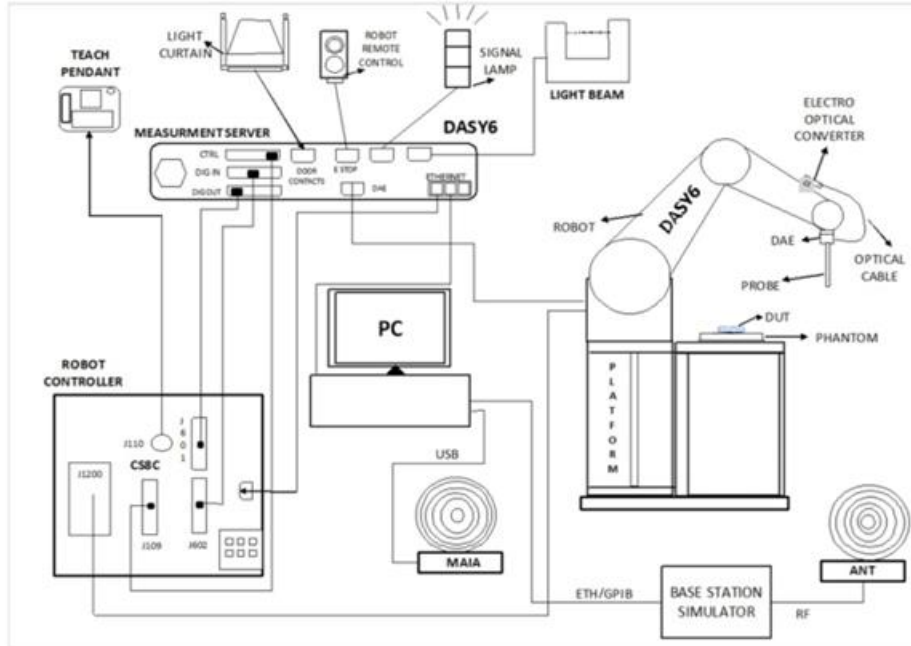
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2.3 PD system

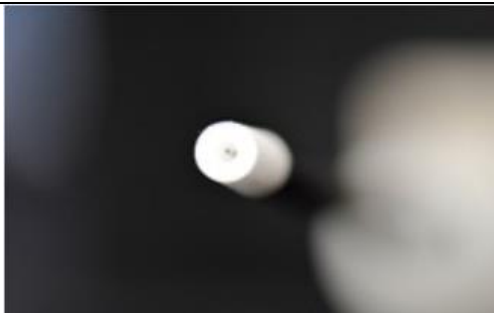
Block Diagram (DASY6)

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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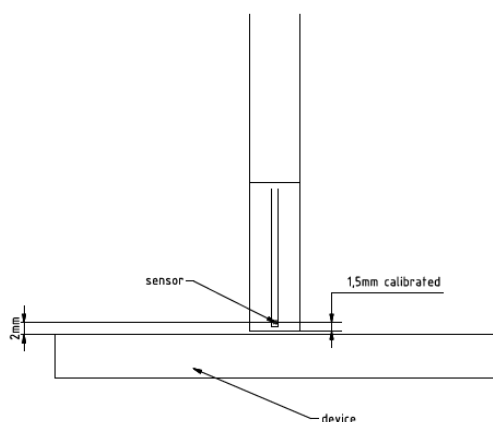
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Dynamic Range	< 20 V/m – 10,000 V/m with PRE-10 (min < 50 V/m - 3000 V/m)
Position Precision	< 0.2 mm (DASY6)
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: encapsulation 8 mm (internal sensor < 1mm) Distance from probe tip to dipole 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

2.4G b duty

(8.34/8.40=0.988) Scaling Factor=1.012



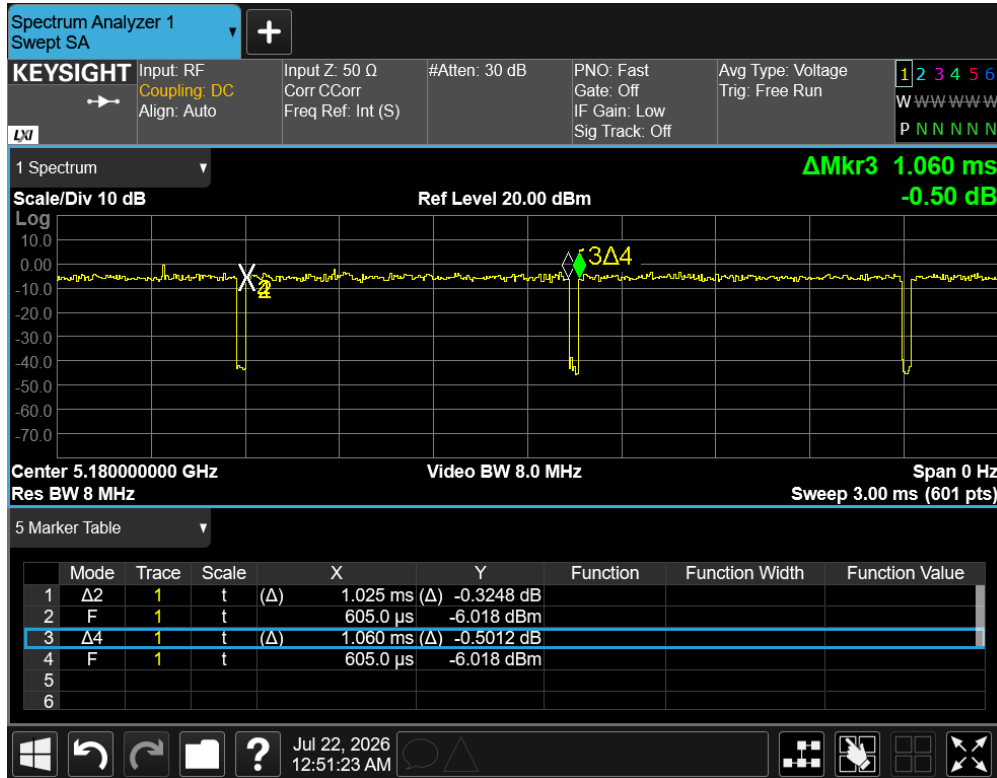
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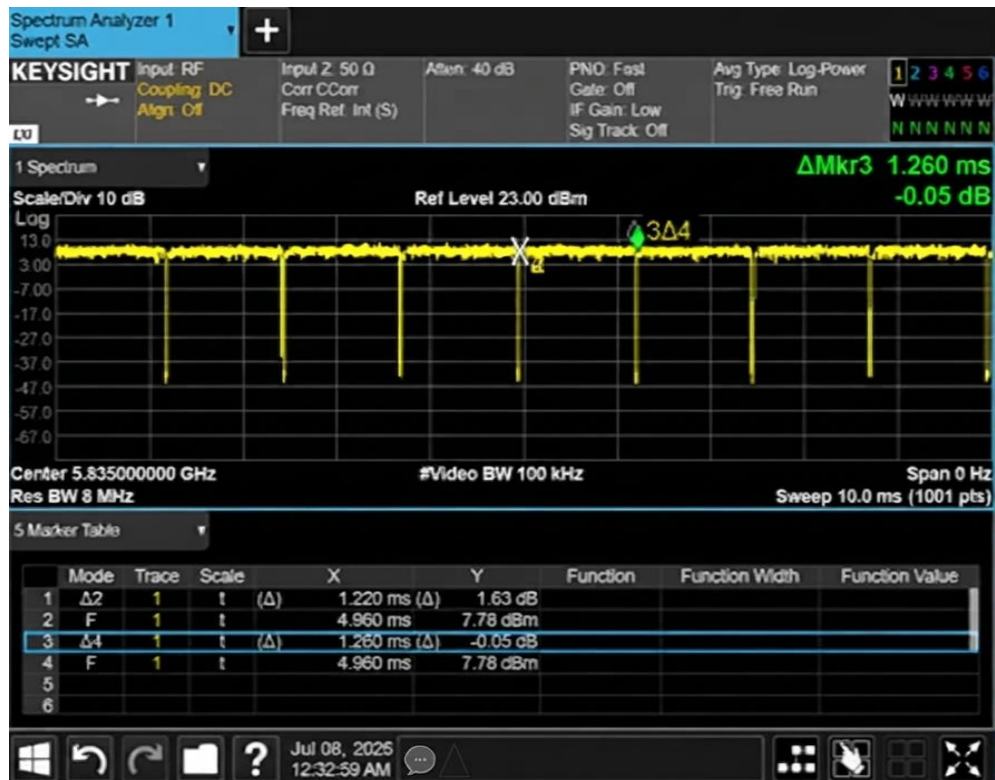
5G be(20M) duty

(1.025/1.060=0.967) Scaling Factor=1.034



5G be(40M) duty

(1.22/1.26=0.968) Scaling Factor=1.033



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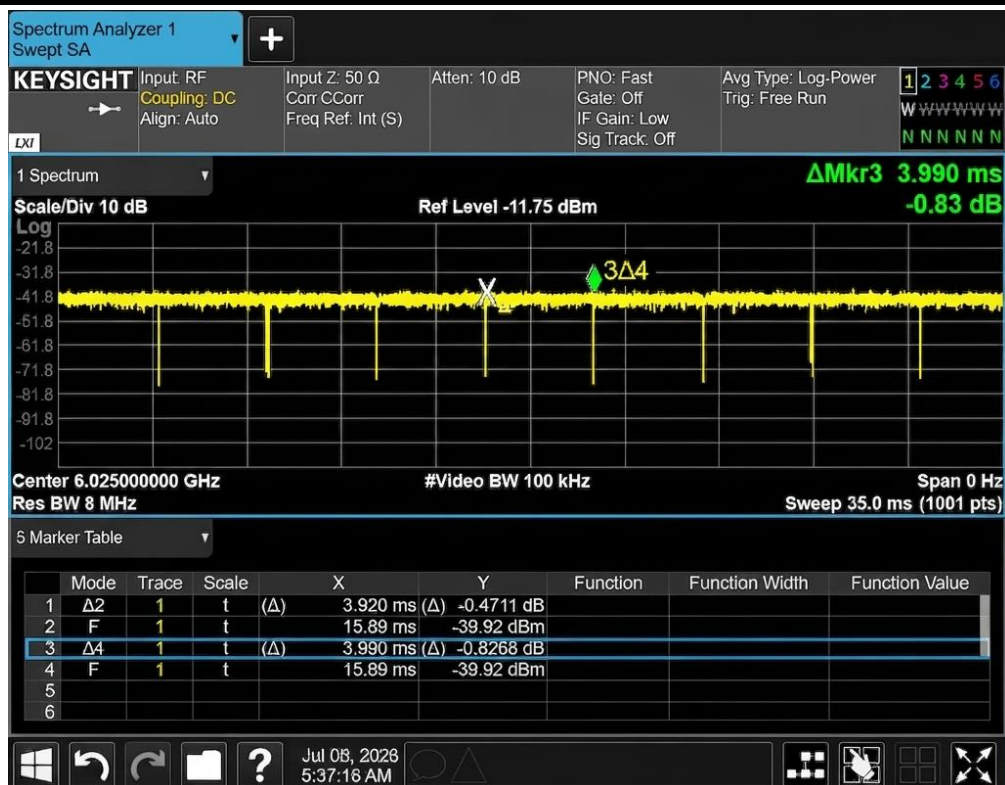
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6G be(160M) duty

(3.92/3.99=0.982) Scaling Factor=1.018



5G ac(80M) duty

(3.96/4=0.99) Scaling Factor=1.01



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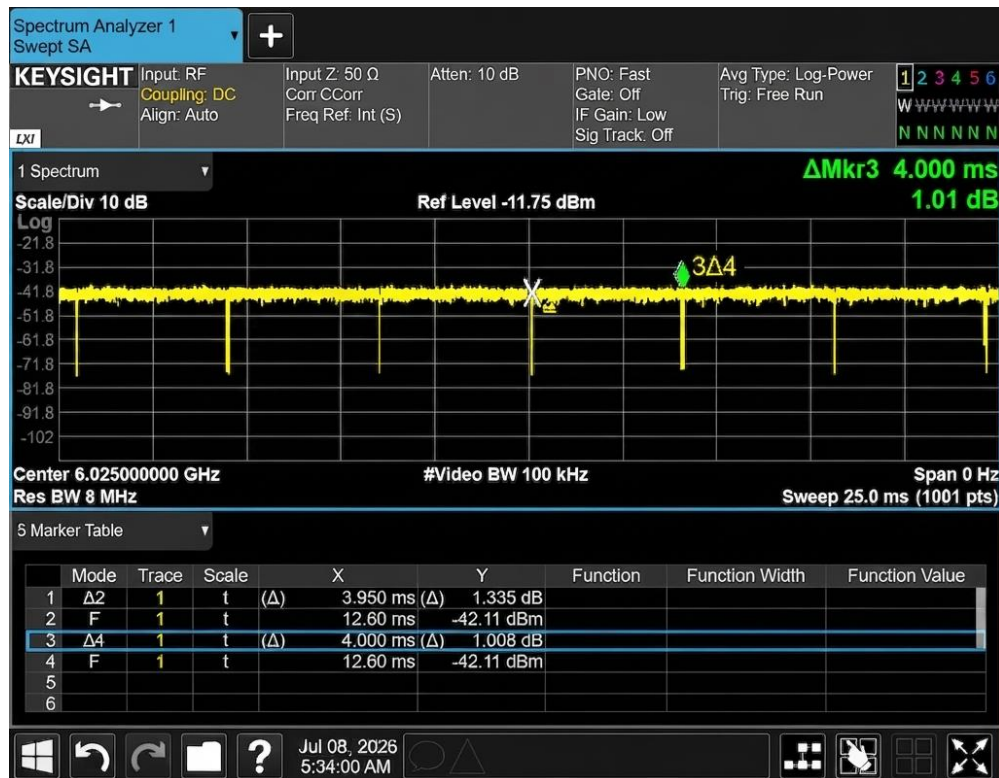
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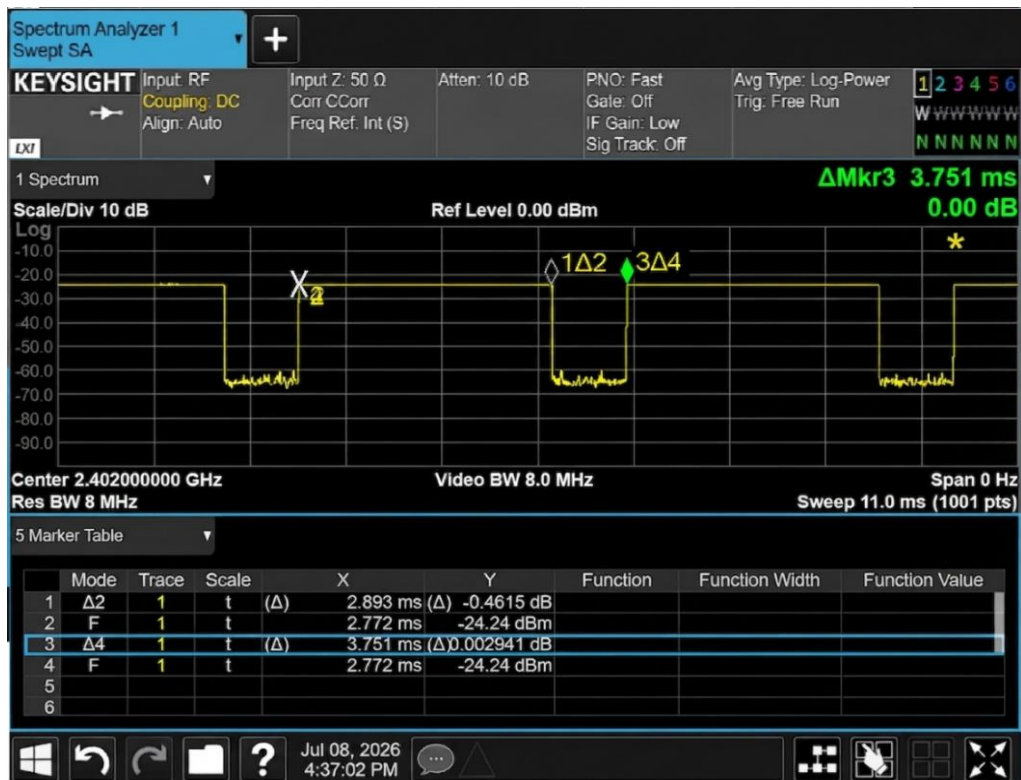
6G ax(160M) duty

(3.95/4=0.988) Scaling Factor=1.012



BT duty

(2.893/3.751=0.771) Scaling Factor=1.297



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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	41.017	0.854	-3.06%	-3.49%	$\pm 5\%$	Jul. 10, 2026
680.5	42.271	0.885	40.957	0.855	-3.11%	-3.43%	$\pm 5\%$	
688	42.231	0.886	40.867	0.858	-3.23%	-3.15%	$\pm 5\%$	
704	42.145	0.887	40.867	0.859	-3.03%	-3.15%	$\pm 5\%$	
706.5	42.132	0.887	40.857	0.860	-3.03%	-3.05%	$\pm 5\%$	
707.5	42.127	0.887	40.857	0.862	-3.01%	-2.84%	$\pm 5\%$	
708.5	42.121	0.887	40.837	0.863	-3.05%	-2.73%	$\pm 5\%$	
709	42.119	0.887	40.817	0.863	-3.09%	-2.73%	$\pm 5\%$	
710	42.113	0.887	40.797	0.864	-3.13%	-2.63%	$\pm 5\%$	
711	42.108	0.887	40.717	0.867	-3.30%	-2.30%	$\pm 5\%$	
750	41.900	0.890	40.487	0.868	-3.37%	-2.47%	$\pm 5\%$	
782	41.749	0.894	40.467	0.870	-3.07%	-2.66%	$\pm 5\%$	
793	41.698	0.895	40.417	0.871	-3.07%	-2.69%	$\pm 5\%$	
821.5	41.564	0.898	40.297	0.872	-3.05%	-2.94%	$\pm 5\%$	
824	41.552	0.899	40.287	0.884	-3.04%	-1.64%	$\pm 5\%$	
829	41.528	0.899	40.217	0.885	-3.16%	-1.59%	$\pm 5\%$	
831.5	41.516	0.900	40.197	0.886	-3.18%	-1.51%	$\pm 5\%$	
834	41.505	0.900	40.187	0.887	-3.17%	-1.43%	$\pm 5\%$	
835	41.500	0.900	40.187	0.888	-3.16%	-1.33%	$\pm 5\%$	
836.5	41.500	0.902	40.167	0.889	-3.21%	-1.40%	$\pm 5\%$	
839	41.500	0.904	40.127	0.902	-3.31%	-0.26%	$\pm 5\%$	
841.5	41.500	0.907	40.097	0.903	-3.38%	-0.44%	$\pm 5\%$	
844	41.500	0.910	40.097	0.904	-3.38%	-0.63%	$\pm 5\%$	
899	41.500	0.969	40.087	0.950	-3.40%	-1.95%	$\pm 5\%$	
900	41.500	0.969	40.087	0.969	-3.40%	0.01%	$\pm 5\%$	

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673	42.311	0.885	40.997	0.846	-3.10%	-4.39%	± 5%	Jul. 11, 2026
680.5	42.271	0.885	40.937	0.850	-3.16%	-3.99%	± 5%	
688	42.231	0.886	40.897	0.852	-3.16%	-3.82%	± 5%	
704	42.145	0.887	40.887	0.857	-2.99%	-3.37%	± 5%	
706.5	42.132	0.887	40.837	0.861	-3.07%	-2.94%	± 5%	
707.5	42.127	0.887	40.827	0.863	-3.09%	-2.72%	± 5%	
708.5	42.121	0.887	40.817	0.865	-3.10%	-2.51%	± 5%	
709	42.119	0.887	40.787	0.867	-3.16%	-2.28%	± 5%	
710	42.113	0.887	40.727	0.869	-3.29%	-2.07%	± 5%	
711	42.108	0.887	40.727	0.870	-3.28%	-1.96%	± 5%	
750	41.900	0.890	40.657	0.873	-2.97%	-1.91%	± 5%	
782	41.749	0.894	40.357	0.873	-3.34%	-2.32%	± 5%	
793	41.698	0.895	40.287	0.876	-3.38%	-2.13%	± 5%	
821.5	41.564	0.898	40.267	0.886	-3.12%	-1.38%	± 5%	
824	41.552	0.899	40.257	0.886	-3.12%	-1.41%	± 5%	
829	41.528	0.899	40.257	0.887	-3.06%	-1.37%	± 5%	
831.5	41.516	0.900	40.207	0.891	-3.15%	-0.95%	± 5%	
834	41.505	0.900	40.187	0.892	-3.17%	-0.88%	± 5%	
835	41.500	0.900	40.187	0.896	-3.16%	-0.44%	± 5%	
836.5	41.500	0.902	40.177	0.903	-3.19%	0.15%	± 5%	
839	41.500	0.904	40.177	0.904	-3.19%	-0.03%	± 5%	
841.5	41.500	0.907	40.147	0.906	-3.26%	-0.11%	± 5%	Jul. 12, 2026
844	41.500	0.910	40.147	0.908	-3.26%	-0.19%	± 5%	
899	41.500	0.969	40.107	0.930	-3.36%	-4.02%	± 5%	
900	41.500	0.969	40.107	0.973	-3.36%	0.42%	± 5%	
673	42.311	0.885	41.037	0.850	-3.01%	-3.94%	± 5%	
680.5	42.271	0.885	40.997	0.852	-3.01%	-3.77%	± 5%	
688	42.231	0.886	40.957	0.852	-3.02%	-3.82%	± 5%	
704	42.145	0.887	40.867	0.857	-3.03%	-3.37%	± 5%	
706.5	42.132	0.887	40.837	0.861	-3.07%	-2.94%	± 5%	
707.5	42.127	0.887	40.837	0.865	-3.06%	-2.50%	± 5%	
708.5	42.121	0.887	40.807	0.866	-3.12%	-2.39%	± 5%	
709	42.119	0.887	40.797	0.869	-3.14%	-2.06%	± 5%	
710	42.113	0.887	40.757	0.869	-3.22%	-2.07%	± 5%	
711	42.108	0.887	40.747	0.870	-3.23%	-1.96%	± 5%	
750	41.900	0.890	40.507	0.871	-3.32%	-2.13%	± 5%	
782	41.749	0.894	40.407	0.875	-3.22%	-2.10%	± 5%	
793	41.698	0.895	40.367	0.882	-3.19%	-1.46%	± 5%	
821.5	41.564	0.898	40.287	0.883	-3.07%	-1.72%	± 5%	
824	41.552	0.899	40.257	0.883	-3.12%	-1.75%	± 5%	
829	41.528	0.899	40.237	0.883	-3.11%	-1.81%	± 5%	
831.5	41.516	0.900	40.227	0.885	-3.11%	-1.62%	± 5%	
834	41.505	0.900	40.207	0.890	-3.13%	-1.10%	± 5%	
835	41.500	0.900	40.197	0.891	-3.14%	-1.00%	± 5%	
836.5	41.500	0.902	40.187	0.891	-3.16%	-1.18%	± 5%	
839	41.500	0.904	40.177	0.891	-3.19%	-1.47%	± 5%	
841.5	41.500	0.907	40.127	0.893	-3.31%	-1.54%	± 5%	
844	41.500	0.910	40.107	0.896	-3.36%	-1.51%	± 5%	
899	41.500	0.969	40.107	0.928	-3.36%	-4.22%	± 5%	
900	41.500	0.969	40.107	0.929	-3.36%	-4.12%	± 5%	

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673	42.311	0.885	40.977	0.843	-3.15%	-4.73%	± 5%	Jul. 13, 2026
680.5	42.271	0.885	40.967	0.857	-3.08%	-3.20%	± 5%	
688	42.231	0.886	40.927	0.858	-3.09%	-3.15%	± 5%	
704	42.145	0.887	40.907	0.858	-2.94%	-3.26%	± 5%	
706.5	42.132	0.887	40.847	0.862	-3.05%	-2.83%	± 5%	
707.5	42.127	0.887	40.847	0.865	-3.04%	-2.50%	± 5%	
708.5	42.121	0.887	40.847	0.865	-3.03%	-2.51%	± 5%	
709	42.119	0.887	40.837	0.866	-3.04%	-2.40%	± 5%	
710	42.113	0.887	40.837	0.869	-3.03%	-2.07%	± 5%	
711	42.108	0.887	40.757	0.877	-3.21%	-1.17%	± 5%	
750	41.900	0.890	40.567	0.878	-3.18%	-1.35%	± 5%	
782	41.749	0.894	40.357	0.888	-3.34%	-0.64%	± 5%	
793	41.698	0.895	40.337	0.889	-3.26%	-0.68%	± 5%	
821.5	41.564	0.898	40.327	0.890	-2.98%	-0.94%	± 5%	
824	41.552	0.899	40.257	0.891	-3.12%	-0.86%	± 5%	
829	41.528	0.899	40.247	0.892	-3.09%	-0.81%	± 5%	
831.5	41.516	0.900	40.247	0.894	-3.06%	-0.62%	± 5%	
834	41.505	0.900	40.237	0.899	-3.05%	-0.10%	± 5%	
835	41.500	0.900	40.197	0.900	-3.14%	0.00%	± 5%	
836.5	41.500	0.902	40.197	0.901	-3.14%	-0.07%	± 5%	
839	41.500	0.904	40.177	0.903	-3.19%	-0.14%	± 5%	
841.5	41.500	0.907	40.147	0.904	-3.26%	-0.33%	± 5%	
844	41.500	0.910	40.127	0.905	-3.31%	-0.52%	± 5%	
899	41.500	0.969	40.117	0.928	-3.33%	-4.22%	± 5%	
900	41.500	0.969	40.097	0.973	-3.38%	0.42%	± 5%	
1702.5	40.139	1.344	38.837	1.317	-3.24%	-2.03%	± 5%	Jul. 14, 2026
1720	40.127	1.354	38.787	1.342	-3.34%	-0.86%	± 5%	
1732.5	40.116	1.360	38.757	1.346	-3.39%	-1.06%	± 5%	
1745	40.105	1.367	38.717	1.348	-3.46%	-1.41%	± 5%	
1750	40.100	1.370	38.697	1.359	-3.50%	-0.80%	± 5%	
1770	40.060	1.382	38.687	1.362	-3.43%	-1.45%	± 5%	
1860	40.000	1.400	38.687	1.363	-3.28%	-2.64%	± 5%	
1880	40.000	1.400	38.657	1.371	-3.36%	-2.07%	± 5%	
1882.5	40.000	1.400	38.657	1.377	-3.36%	-1.64%	± 5%	
1900	40.000	1.400	38.607	1.377	-3.48%	-1.64%	± 5%	
1905	40.000	1.400	38.887	1.398	-2.78%	-0.14%	± 5%	

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1702.5	40.139	1.344	38.867	1.313	-3.17%	-2.33%	± 5%	Jul. 15, 2026
1720	40.127	1.354	38.857	1.327	-3.17%	-1.97%	± 5%	
1732.5	40.116	1.360	38.797	1.341	-3.29%	-1.43%	± 5%	
1745	40.105	1.367	38.787	1.358	-3.29%	-0.68%	± 5%	
1750	40.100	1.370	38.747	1.359	-3.37%	-0.80%	± 5%	
1770	40.060	1.382	38.737	1.359	-3.30%	-1.66%	± 5%	
1860	40.000	1.400	38.717	1.370	-3.21%	-2.14%	± 5%	
1880	40.000	1.400	38.657	1.375	-3.36%	-1.79%	± 5%	
1882.5	40.000	1.400	38.607	1.377	-3.48%	-1.64%	± 5%	
1900	40.000	1.400	38.577	1.379	-3.56%	-1.50%	± 5%	
1905	40.000	1.400	38.577	1.387	-3.56%	-0.93%	± 5%	Jul. 16, 2026
1702.5	40.139	1.344	38.847	1.322	-3.22%	-1.66%	± 5%	
1720	40.127	1.354	38.837	1.325	-3.22%	-2.12%	± 5%	
1732.5	40.116	1.360	38.827	1.327	-3.21%	-2.46%	± 5%	
1745	40.105	1.367	38.777	1.349	-3.31%	-1.34%	± 5%	
1750	40.100	1.370	38.757	1.356	-3.35%	-1.02%	± 5%	
1770	40.060	1.382	38.737	1.356	-3.30%	-1.88%	± 5%	
1860	40.000	1.400	38.727	1.356	-3.18%	-3.14%	± 5%	
1880	40.000	1.400	38.717	1.357	-3.21%	-3.07%	± 5%	
1882.5	40.000	1.400	38.677	1.358	-3.31%	-3.00%	± 5%	
1900	40.000	1.400	38.677	1.358	-3.31%	-3.00%	± 5%	Jul. 17, 2026
1905	40.000	1.400	38.627	1.374	-3.43%	-1.86%	± 5%	
2300	39.500	1.670	38.277	1.629	-3.10%	-2.46%	± 5%	
2310	39.480	1.679	38.167	1.676	-3.33%	-0.16%	± 5%	
2506	39.125	1.860	37.837	1.822	-3.29%	-2.03%	± 5%	
2506.02	39.125	1.860	37.797	1.841	-3.40%	-1.01%	± 5%	
2510	39.120	1.864	37.727	1.856	-3.56%	-0.43%	± 5%	
2535	39.087	1.891	37.727	1.869	-3.48%	-1.15%	± 5%	
2549.5	39.067	1.906	37.707	1.900	-3.48%	-0.32%	± 5%	
2560	39.053	1.917	37.697	1.906	-3.47%	-0.59%	± 5%	
2580	39.027	1.939	37.677	1.909	-3.46%	-1.53%	± 5%	
2592.99	39.009	1.953	37.647	1.914	-3.49%	-1.97%	± 5%	
2593	39.009	1.953	37.637	1.942	-3.52%	-0.54%	± 5%	
2595	39.007	1.955	37.627	1.943	-3.54%	-0.60%	± 5%	
2600	39.000	1.960	37.617	1.952	-3.55%	-0.41%	± 5%	
2610	38.988	1.971	37.597	1.971	-3.57%	0.00%	± 5%	
2636.5	38.954	2.000	37.597	1.975	-3.48%	-1.26%	± 5%	
2650	38.938	2.015	37.577	2.008	-3.49%	-0.35%	± 5%	
2679.99	38.900	2.048	37.587	2.006	-3.38%	-2.05%	± 5%	
2680	38.900	2.048	37.487	2.010	-3.63%	-1.86%	± 5%	

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2300	39.500	1.670	38.257	1.637	-3.15%	-1.98%	± 5%	Jul. 18, 2026
2310	39.480	1.679	38.127	1.680	-3.43%	0.08%	± 5%	
2506	39.125	1.860	37.877	1.817	-3.19%	-2.30%	± 5%	
2506.02	39.125	1.860	37.867	1.837	-3.22%	-1.22%	± 5%	
2510	39.120	1.864	37.837	1.860	-3.28%	-0.21%	± 5%	
2535	39.087	1.891	37.817	1.885	-3.25%	-0.30%	± 5%	
2549.5	39.067	1.906	37.717	1.890	-3.46%	-0.85%	± 5%	
2560	39.053	1.917	37.707	1.891	-3.45%	-1.37%	± 5%	
2580	39.027	1.939	37.687	1.903	-3.43%	-1.84%	± 5%	
2592.99	39.009	1.953	37.687	1.914	-3.39%	-1.97%	± 5%	
2593	39.009	1.953	37.667	1.919	-3.44%	-1.72%	± 5%	
2595	39.007	1.955	37.657	1.936	-3.46%	-0.95%	± 5%	
2600	39.000	1.960	37.647	1.941	-3.47%	-0.97%	± 5%	
2610	38.988	1.971	37.637	1.943	-3.46%	-1.42%	± 5%	
2636.5	38.954	2.000	37.617	1.998	-3.43%	-0.11%	± 5%	
2650	38.938	2.015	37.617	1.999	-3.39%	-0.79%	± 5%	
2679.99	38.900	2.048	37.617	2.023	-3.30%	-1.22%	± 5%	
2680	38.900	2.048	37.567	2.047	-3.43%	-0.05%	± 5%	
2300	39.500	1.670	38.177	1.645	-3.35%	-1.50%	± 5%	Jul. 19, 2026
2310	39.480	1.679	38.057	1.666	-3.60%	-0.75%	± 5%	
2506	39.125	1.860	37.897	1.821	-3.14%	-2.08%	± 5%	
2506.02	39.125	1.860	37.777	1.851	-3.45%	-0.47%	± 5%	
2510	39.120	1.864	37.767	1.863	-3.46%	-0.05%	± 5%	
2535	39.087	1.891	37.727	1.868	-3.48%	-1.20%	± 5%	
2549.5	39.067	1.906	37.727	1.876	-3.43%	-1.58%	± 5%	
2560	39.053	1.917	37.717	1.877	-3.42%	-2.10%	± 5%	
2580	39.027	1.939	37.717	1.932	-3.36%	-0.34%	± 5%	
2592.99	39.009	1.953	37.687	1.934	-3.39%	-0.95%	± 5%	
2593	39.009	1.953	37.677	1.942	-3.42%	-0.54%	± 5%	
2595	39.007	1.955	37.667	1.949	-3.43%	-0.29%	± 5%	
2600	39.000	1.960	37.657	1.951	-3.44%	-0.46%	± 5%	
2610	38.988	1.971	37.637	1.957	-3.46%	-0.71%	± 5%	
2636.5	38.954	2.000	37.637	1.972	-3.38%	-1.41%	± 5%	
2650	38.938	2.015	37.636	1.982	-3.34%	-1.64%	± 5%	
2679.99	38.900	2.048	37.547	2.012	-3.48%	-1.76%	± 5%	
2680	38.900	2.048	37.507	2.030	-3.58%	-0.88%	± 5%	

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f (886-2) 2298-0488

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2300	39.500	1.670	38.177	1.652	-3.35%	-1.08%	± 5%	Jul. 20, 2026
2310	39.480	1.679	38.117	1.637	-3.45%	-2.48%	± 5%	
2506	39.125	1.860	37.847	1.830	-3.27%	-1.60%	± 5%	
2506.02	39.125	1.860	37.837	1.834	-3.29%	-1.38%	± 5%	
2510	39.120	1.864	37.807	1.867	-3.36%	0.16%	± 5%	
2535	39.087	1.891	37.767	1.874	-3.38%	-0.88%	± 5%	
2549.5	39.067	1.906	37.747	1.875	-3.38%	-1.63%	± 5%	
2560	39.053	1.917	37.727	1.905	-3.40%	-0.64%	± 5%	
2580	39.027	1.939	37.727	1.922	-3.33%	-0.86%	± 5%	
2592.99	39.009	1.953	37.707	1.926	-3.34%	-1.36%	± 5%	
2593	39.009	1.953	37.687	1.928	-3.39%	-1.26%	± 5%	
2595	39.007	1.955	37.687	1.928	-3.38%	-1.36%	± 5%	
2600	39.000	1.960	37.677	1.928	-3.39%	-1.63%	± 5%	
2610	38.988	1.971	37.657	1.946	-3.41%	-1.27%	± 5%	
2636.5	38.954	2.000	37.657	1.989	-3.33%	-0.56%	± 5%	
2650	38.938	2.015	37.656	1.992	-3.29%	-1.14%	± 5%	
2679.99	38.900	2.048	37.617	2.034	-3.30%	-0.68%	± 5%	
2680	38.900	2.048	37.607	2.037	-3.32%	-0.54%	± 5%	
3410	38.008	2.818	36.667	2.806	-3.53%	-0.43%	± 5%	Jul. 21, 2026
3460	37.948	2.869	36.627	2.826	-3.48%	-1.51%	± 5%	
3460.005	37.948	2.869	36.617	2.846	-3.51%	-0.81%	± 5%	
3500	37.900	2.910	36.607	2.871	-3.41%	-1.34%	± 5%	
3500.01	37.900	2.910	36.597	2.886	-3.44%	-0.83%	± 5%	
3509	37.891	2.919	36.577	2.906	-3.47%	-0.46%	± 5%	
3517.5	37.883	2.928	36.577	2.910	-3.45%	-0.62%	± 5%	
3540	37.860	2.952	36.567	2.938	-3.42%	-0.46%	± 5%	
3541	37.859	2.953	36.547	2.941	-3.47%	-0.39%	± 5%	
3560	37.840	2.972	36.517	2.946	-3.50%	-0.89%	± 5%	
3560.01	37.840	2.972	36.507	2.955	-3.52%	-0.59%	± 5%	
3575.01	37.825	2.988	36.497	2.965	-3.51%	-0.77%	± 5%	
3590	37.810	3.004	36.497	2.973	-3.47%	-1.02%	± 5%	
3609	37.791	3.023	36.487	3.024	-3.45%	0.02%	± 5%	
3625.02	37.775	3.040	36.437	3.026	-3.54%	-0.46%	± 5%	
3632.505	37.767	3.048	36.417	3.031	-3.58%	-0.55%	± 5%	
3641	37.759	3.057	36.417	3.042	-3.55%	-0.48%	± 5%	
3650	37.750	3.066	36.407	3.046	-3.56%	-0.65%	± 5%	
3690	37.710	3.108	36.397	3.078	-3.48%	-0.95%	± 5%	
3700	37.700	3.118	36.387	3.111	-3.48%	-0.22%	± 5%	
3710.01	37.690	3.128	36.377	3.129	-3.48%	0.02%	± 5%	
3750	37.650	3.170	36.357	3.162	-3.43%	-0.25%	± 5%	
3775.005	37.625	3.196	36.277	3.195	-3.58%	-0.03%	± 5%	
3789.99	37.610	3.212	36.267	3.214	-3.57%	0.08%	± 5%	
3840	37.560	3.264	36.227	3.229	-3.55%	-1.06%	± 5%	
3900	37.500	3.326	36.217	3.314	-3.42%	-0.36%	± 5%	
3905.01	37.495	3.331	36.177	3.327	-3.52%	-0.13%	± 5%	
3969.99	37.430	3.399	36.157	3.386	-3.40%	-0.38%	± 5%	

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3410	38.008	2.818	36.747	2.793	-3.32%	-0.89%	± 5%	Jul. 22, 2026
3460	37.948	2.869	36.727	2.845	-3.22%	-0.84%	± 5%	
3460.005	37.948	2.869	36.707	2.856	-3.27%	-0.46%	± 5%	
3500	37.900	2.910	36.627	2.884	-3.36%	-0.89%	± 5%	
3500.01	37.900	2.910	36.617	2.884	-3.39%	-0.89%	± 5%	
3509	37.891	2.919	36.607	2.901	-3.39%	-0.63%	± 5%	
3517.5	37.883	2.928	36.597	2.922	-3.39%	-0.21%	± 5%	
3540	37.860	2.952	36.537	2.922	-3.49%	-1.00%	± 5%	
3541	37.859	2.953	36.517	2.928	-3.54%	-0.83%	± 5%	
3560	37.840	2.972	36.517	2.954	-3.50%	-0.62%	± 5%	
3560.01	37.840	2.972	36.497	2.962	-3.55%	-0.35%	± 5%	
3575.01	37.825	2.988	36.487	2.970	-3.54%	-0.60%	± 5%	
3590	37.810	3.004	36.457	2.975	-3.58%	-0.95%	± 5%	
3609	37.791	3.023	36.447	3.009	-3.56%	-0.47%	± 5%	
3625.02	37.775	3.040	36.417	3.028	-3.59%	-0.40%	± 5%	
3632.505	37.767	3.048	36.417	3.043	-3.58%	-0.16%	± 5%	
3641	37.759	3.057	36.407	3.045	-3.58%	-0.38%	± 5%	
3650	37.750	3.066	36.402	3.052	-3.57%	-0.46%	± 5%	
3690	37.710	3.108	36.377	3.078	-3.53%	-0.95%	± 5%	
3700	37.700	3.118	36.377	3.089	-3.51%	-0.93%	± 5%	
3710.01	37.690	3.128	36.327	3.112	-3.62%	-0.52%	± 5%	
3750	37.650	3.170	36.327	3.155	-3.51%	-0.47%	± 5%	
3775.005	37.625	3.196	36.257	3.172	-3.64%	-0.75%	± 5%	
3789.99	37.610	3.212	36.217	3.181	-3.70%	-0.95%	± 5%	
3840	37.560	3.264	36.197	3.257	-3.63%	-0.20%	± 5%	
3900	37.500	3.326	36.177	3.309	-3.53%	-0.51%	± 5%	
3905.01	37.495	3.331	36.167	3.316	-3.54%	-0.46%	± 5%	
3969.99	37.430	3.399	36.127	3.374	-3.48%	-0.73%	± 5%	
3410	38.008	2.818	36.697	2.783	-3.45%	-1.25%	± 5%	Jul. 23, 2026
3460	37.948	2.869	36.647	2.851	-3.43%	-0.63%	± 5%	
3460.005	37.948	2.869	36.627	2.854	-3.48%	-0.53%	± 5%	
3500	37.900	2.910	36.577	2.875	-3.49%	-1.20%	± 5%	
3500.01	37.900	2.910	36.577	2.906	-3.49%	-0.14%	± 5%	
3509	37.891	2.919	36.537	2.912	-3.57%	-0.25%	± 5%	
3517.5	37.883	2.928	36.527	2.921	-3.58%	-0.25%	± 5%	
3540	37.860	2.952	36.527	2.930	-3.52%	-0.73%	± 5%	
3541	37.859	2.953	36.517	2.941	-3.54%	-0.39%	± 5%	
3560	37.840	2.972	36.497	2.942	-3.55%	-1.02%	± 5%	
3560.01	37.840	2.972	36.497	2.942	-3.55%	-1.02%	± 5%	
3575.01	37.825	2.988	36.487	2.958	-3.54%	-1.00%	± 5%	
3590	37.810	3.004	36.487	3.004	-3.50%	0.01%	± 5%	
3609	37.791	3.023	36.477	3.006	-3.48%	-0.57%	± 5%	
3625.02	37.775	3.040	36.477	3.024	-3.44%	-0.53%	± 5%	
3632.505	37.767	3.048	36.467	3.030	-3.44%	-0.58%	± 5%	
3641	37.759	3.057	36.457	3.031	-3.45%	-0.84%	± 5%	
3650	37.750	3.066	36.455	3.033	-3.43%	-1.08%	± 5%	
3690	37.710	3.108	36.417	3.080	-3.43%	-0.89%	± 5%	
3700	37.700	3.118	36.377	3.089	-3.51%	-0.93%	± 5%	
3710.01	37.690	3.128	36.337	3.096	-3.59%	-1.04%	± 5%	
3750	37.650	3.170	36.327	3.138	-3.51%	-1.01%	± 5%	
3775.005	37.625	3.196	36.297	3.189	-3.53%	-0.22%	± 5%	
3789.99	37.610	3.212	36.207	3.212	-3.73%	0.01%	± 5%	
3840	37.560	3.264	36.207	3.242	-3.60%	-0.66%	± 5%	
3900	37.500	3.326	36.187	3.299	-3.50%	-0.81%	± 5%	
3905.01	37.495	3.331	36.147	3.312	-3.60%	-0.58%	± 5%	
3969.99	37.430	3.399	36.027	3.400	-3.75%	0.04%	± 5%	

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3410	38.008	2.818	36.647	2.793	-3.58%	-0.89%	± 5%
3460	37.948	2.869	36.647	2.851	-3.43%	-0.63%	± 5%
3460.005	37.948	2.869	36.647	2.874	-3.43%	0.17%	± 5%
3500	37.900	2.910	36.627	2.879	-3.36%	-1.07%	± 5%
3500.01	37.900	2.910	36.627	2.882	-3.36%	-0.96%	± 5%
3509	37.891	2.919	36.587	2.910	-3.44%	-0.32%	± 5%
3517.5	37.883	2.928	36.567	2.913	-3.47%	-0.52%	± 5%
3540	37.860	2.952	36.547	2.917	-3.47%	-1.17%	± 5%
3541	37.859	2.953	36.517	2.937	-3.54%	-0.53%	± 5%
3560	37.840	2.972	36.477	2.944	-3.60%	-0.96%	± 5%
3560.01	37.840	2.972	36.467	2.950	-3.63%	-0.75%	± 5%
3575.01	37.825	2.988	36.467	2.955	-3.59%	-1.10%	± 5%
3590	37.810	3.004	36.447	2.977	-3.60%	-0.89%	± 5%
3609	37.791	3.023	36.437	3.028	-3.58%	0.15%	± 5%
3625.02	37.775	3.040	36.417	3.043	-3.59%	0.10%	± 5%
3632.505	37.767	3.048	36.417	3.051	-3.58%	0.10%	± 5%
3641	37.759	3.057	36.407	3.053	-3.58%	-0.12%	± 5%
3650	37.750	3.066	36.398	3.054	-3.58%	-0.39%	± 5%
3690	37.710	3.108	36.397	3.078	-3.48%	-0.95%	± 5%
3700	37.700	3.118	36.387	3.087	-3.48%	-0.99%	± 5%
3710.01	37.690	3.128	36.377	3.105	-3.48%	-0.75%	± 5%
3750	37.650	3.170	36.347	3.131	-3.46%	-1.23%	± 5%
3775.005	37.625	3.196	36.317	3.161	-3.48%	-1.10%	± 5%
3789.99	37.610	3.212	36.297	3.191	-3.49%	-0.64%	± 5%
3840	37.560	3.264	36.247	3.260	-3.50%	-0.11%	± 5%
3900	37.500	3.326	36.207	3.324	-3.45%	-0.06%	± 5%
3905.01	37.495	3.331	36.157	3.334	-3.57%	0.08%	± 5%
3969.99	37.430	3.399	36.047	3.370	-3.69%	-0.85%	± 5%

Jul. 24, 2026

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Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date
2402	39.296	1.758	39.764	1.785	1.19%	1.51%	$\pm 5\%$	Jul. 27, 2026
2412	39.276	1.767	39.744	1.795	1.19%	1.58%	$\pm 5\%$	
2437	39.226	1.789	39.695	1.814	1.20%	1.41%	$\pm 5\%$	
2441	39.218	1.792	39.629	1.817	1.05%	1.38%	$\pm 5\%$	
2450	39.200	1.800	39.628	1.835	1.09%	1.94%	$\pm 5\%$	
2462	39.184	1.813	39.627	1.841	1.13%	1.56%	$\pm 5\%$	
2480	39.160	1.832	39.612	1.867	1.15%	1.91%	$\pm 5\%$	
5180	36.020	4.639	36.611	4.662	1.64%	0.50%	$\pm 5\%$	Jul. 28, 2026
5190	36.010	4.650	36.567	4.675	1.55%	0.55%	$\pm 5\%$	
5200	36.000	4.660	36.529	4.698	1.47%	0.82%	$\pm 5\%$	
5220	35.980	4.680	36.525	4.711	1.51%	0.66%	$\pm 5\%$	
5230	35.970	4.690	36.512	4.712	1.51%	0.47%	$\pm 5\%$	
5240	35.960	4.700	36.481	4.735	1.45%	0.74%	$\pm 5\%$	
5250	35.950	4.710	36.422	4.739	1.31%	0.62%	$\pm 5\%$	
5270	35.930	4.730	36.383	4.753	1.26%	0.49%	$\pm 5\%$	Jul. 29, 2026
5310	35.890	4.770	36.357	4.805	1.30%	0.73%	$\pm 5\%$	
5510	35.635	4.976	36.104	5.012	1.32%	0.73%	$\pm 5\%$	
5530	35.605	4.997	36.098	5.025	1.38%	0.57%	$\pm 5\%$	
5550	35.575	5.018	36.045	5.055	1.32%	0.75%	$\pm 5\%$	
5600	35.500	5.070	35.957	5.109	1.29%	0.77%	$\pm 5\%$	
5610	35.490	5.080	35.947	5.111	1.29%	0.61%	$\pm 5\%$	
5670	35.430	5.140	35.932	5.182	1.42%	0.82%	$\pm 5\%$	
5690	35.410	5.160	35.892	5.193	1.36%	0.64%	$\pm 5\%$	
5710	35.390	5.180	35.883	5.217	1.39%	0.71%	$\pm 5\%$	
5745	35.355	5.215	35.859	5.244	1.43%	0.56%	$\pm 5\%$	Jul. 30, 2026
5750	35.350	5.220	35.848	5.244	1.41%	0.46%	$\pm 5\%$	
5775	35.325	5.245	35.838	5.255	1.45%	0.19%	$\pm 5\%$	
5785	35.315	5.255	35.802	5.278	1.38%	0.44%	$\pm 5\%$	
5825	35.275	5.296	35.791	5.318	1.46%	0.41%	$\pm 5\%$	
5835	35.265	5.307	35.776	5.328	1.45%	0.40%	$\pm 5\%$	
5850	35.250	5.323	35.679	5.351	1.22%	0.53%	$\pm 5\%$	
5875	35.225	5.349	35.648	5.376	1.20%	0.50%	$\pm 5\%$	
5855	35.245	5.328	36.237	5.502	2.81%	3.27%	$\pm 5\%$	
6025	35.070	5.510	34.08	5.48	-2.82%	-0.54%	$\pm 5\%$	
6185	34.878	5.698	33.93	5.55	-2.72%	-2.60%	$\pm 5\%$	
6345	34.686	5.887	33.84	5.86	-2.44%	-0.46%	$\pm 5\%$	
6500	34.500	6.070	33.42	6.04	-3.13%	-0.49%	$\pm 6\%$	
6505	34.494	6.076	33.53	6.07	-2.79%	-0.10%	$\pm 5\%$	
6665	34.302	6.261	33.37	6.26	-2.72%	-0.02%	$\pm 5\%$	
6825	34.110	6.447	33.19	6.42	-2.70%	-0.42%	$\pm 5\%$	
6985	33.918	6.633	32.95	6.61	-2.85%	-0.34%	$\pm 5\%$	
7000	33.900	6.650	32.92	6.66	-2.89%	0.15%	$\pm 5\%$	

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4.4 The composition of the tissue simulating liquid:

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

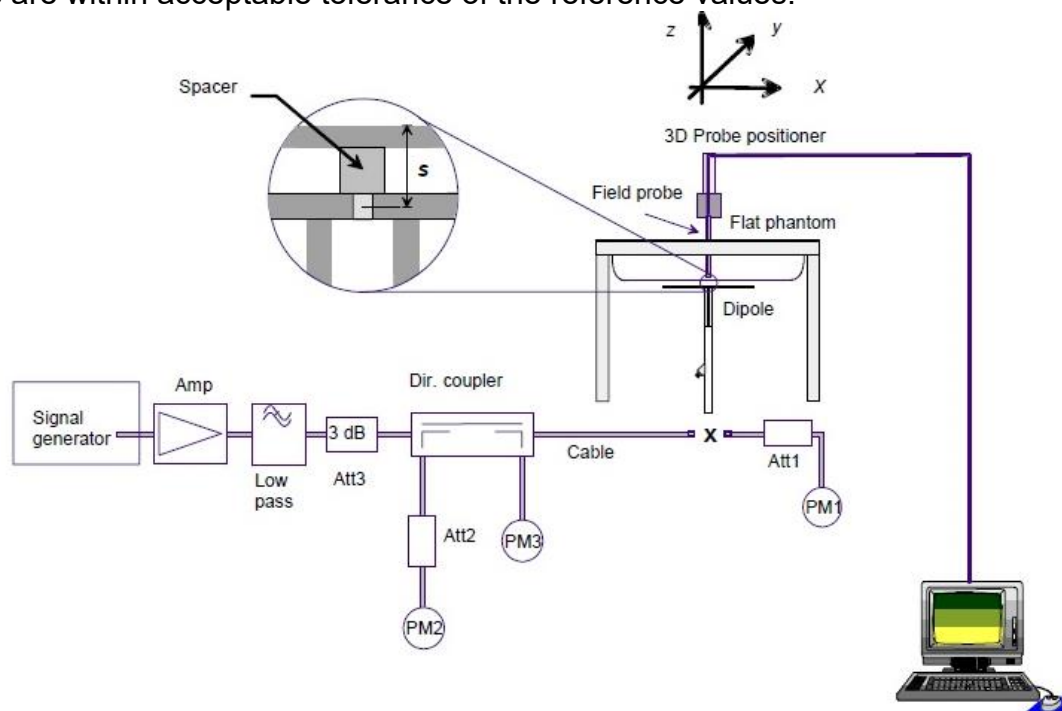
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

4.5 System check

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

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

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



The block diagram of system check

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4.6 System check results

Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D750V3	1015	750	8.54	2.19	8.76	2.58	± 10%	Jul.10,2026
D835V2	4d063	835	9.47	2.4	9.6	1.37	± 10%	Jul.10,2026
D900V2	178	900	10.9	2.75	11	0.92	± 10%	Jul.10,2026
D750V3	1015	750	8.54	2.15	8.6	0.70	± 10%	Jul.11,2026
D835V2	4d063	835	9.47	2.24	8.96	-5.39	± 10%	Jul.11,2026
D900V2	178	900	10.9	2.78	11.12	2.02	± 10%	Jul.11,2026
D750V3	1015	750	8.54	2.14	8.56	0.23	± 10%	Jul.12,2026
D835V2	4d063	835	9.47	2.27	9.08	-4.12	± 10%	Jul.12,2026
D900V2	178	900	10.9	2.67	10.68	-2.02	± 10%	Jul.12,2026
D750V3	1015	750	8.54	2.13	8.52	-0.23	± 10%	Jul.13,2026
D835V2	4d063	835	9.47	2.26	9.04	-4.54	± 10%	Jul.13,2026
D900V2	178	900	10.9	2.65	10.6	-2.75	± 10%	Jul.13,2026
D1750V2	1008	1750	36.4	9.41	37.64	3.41	± 10%	Jul.14,2026
D1900V2	5d173	1900	39.8	9.12	36.48	-8.34	± 10%	Jul.14,2026
D1750V2	1008	1750	36.4	9.29	37.16	2.09	± 10%	Jul.15,2026
D1900V2	5d173	1900	39.8	9.22	36.88	-7.34	± 10%	Jul.15,2026
D1750V2	1008	1750	36.4	9.29	37.16	2.09	± 10%	Jul.16,2026
D1900V2	5d173	1900	39.8	9.14	36.56	-8.14	± 10%	Jul.16,2026
D2300V2	1023	2300	49.3	12.3	49.2	-0.20	± 10%	Jul.17,2026
D2600V2	1005	2600	55.3	13.4	53.6	-3.07	± 10%	Jul.17,2026
D2300V2	1023	2300	49.3	12.1	48.4	-1.83	± 10%	Jul.18,2026
D2600V2	1005	2600	55.3	13.7	54.8	-0.90	± 10%	Jul.18,2026
D2300V2	1023	2300	49.3	12.3	49.2	-0.20	± 10%	Jul.19,2026
D2600V2	1005	2600	55.3	13.9	55.6	0.54	± 10%	Jul.19,2026
D2300V2	1023	2300	49.3	12.6	50.4	2.23	± 10%	Jul.20,2026
D2600V2	1005	2600	55.3	13.8	55.2	-0.18	± 10%	Jul.20,2026

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f (886-2) 2298-0488

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Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D3500V2	1009	3500	65.8	6.38	63.8	-3.04	± 10%	Jul.21,2026
D3700V2	1057	3700	67.5	6.25	62.5	-7.41	± 10%	Jul.21,2026
D3900V2	1032	3900	66.9	6.65	66.5	-0.60	± 10%	Jul.21,2026
D3500V2	1009	3500	65.8	6.43	64.3	-2.28	± 10%	Jul.22,2026
D3700V2	1057	3700	67.5	6.29	62.9	-6.81	± 10%	Jul.22,2026
D3900V2	1032	3900	66.9	6.61	66.1	-1.20	± 10%	Jul.22,2026
D3500V2	1009	3500	65.8	6.5	65	-1.22	± 10%	Jul.23,2026
D3700V2	1057	3700	67.5	6.29	62.9	-6.81	± 10%	Jul.23,2026
D3900V2	1032	3900	66.9	6.52	65.2	-2.54	± 10%	Jul.23,2026
D3500V2	1009	3500	65.8	6.55	65.5	-0.46	± 10%	Jul.24,2026
D3700V2	1057	3700	67.5	6.33	63.3	-6.22	± 10%	Jul.24,2026
D3900V2	1032	3900	66.9	6.6	66	-1.35	± 10%	Jul.24,2026
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	13.4	53.6	1.90	± 10%	Jul.27,2026
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D5GHzV2	1349	5250	80.9	7.45	74.5	-7.91	± 10%	Jul.28,2026
D5GHzV2	1349	5600	82.4	8.92	89.2	8.25	± 10%	Jul.29,2026
D5GHzV2	1349	5750	80.8	8.53	85.3	5.57	± 10%	Jul.29,2026
D5GHzV2	1349	5850	79.9	8.16	81.6	2.13	± 10%	Jul.30,2026
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	30.9	309	4.75	± 10%	Jul.30,2026
D7GHzV2	1007	7000	287	26.4	264	-8.01	± 10%	Jul.30,2026

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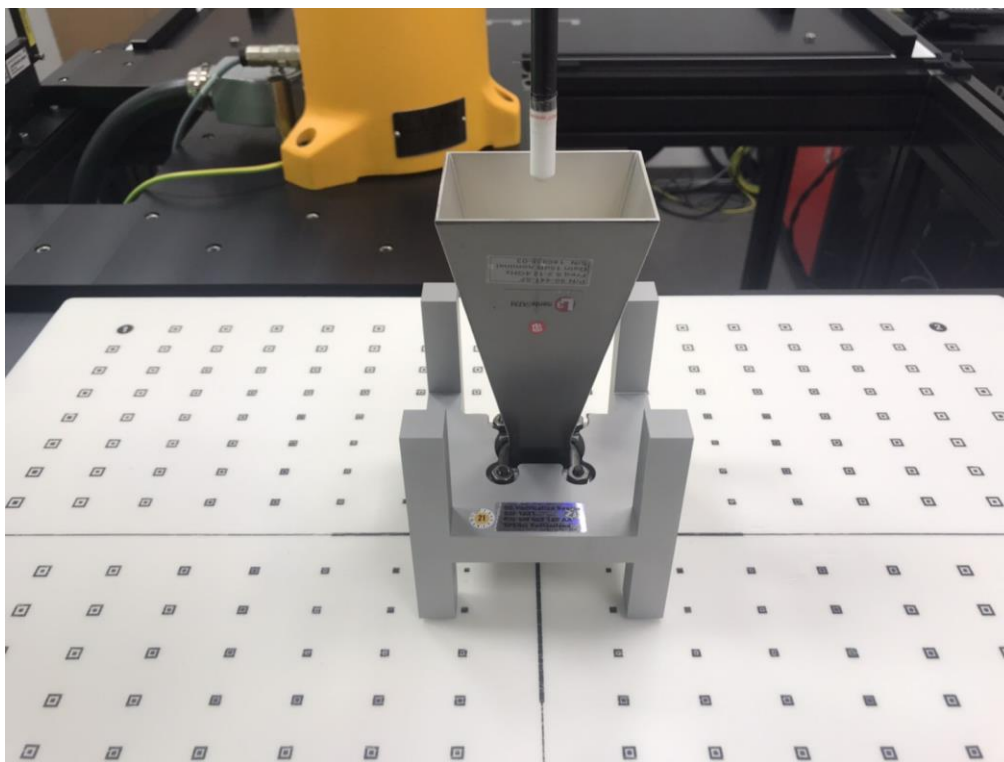
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5 PD SYSTEM VERIFICATION

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	9643	1665	10	93.3	54.4	56	-0.13	Jul.30,2026

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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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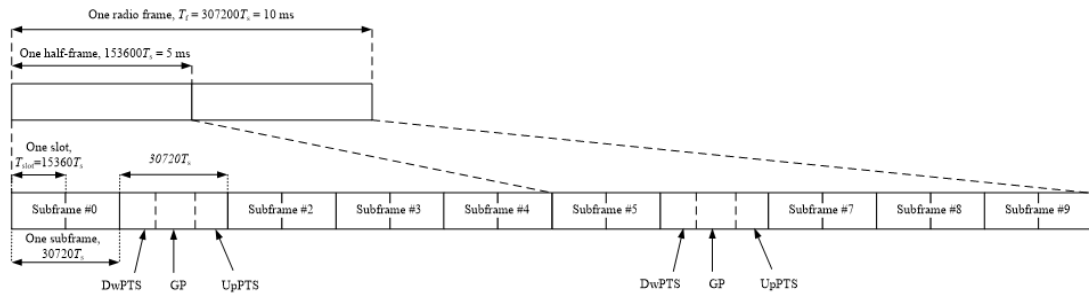


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

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

Laptop mode SAR test position (0mm)

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

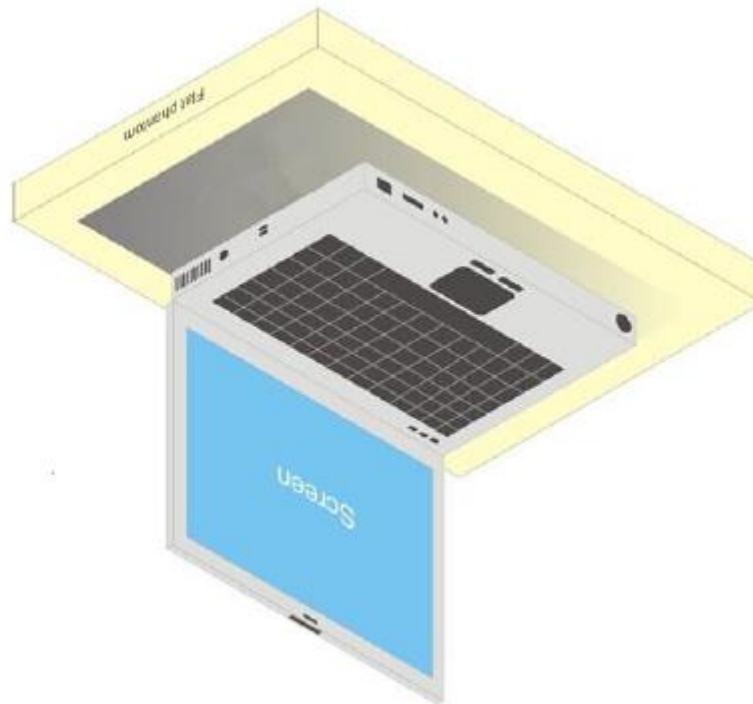


Illustration for Laptop Setup

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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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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.03	23.24	23.04	25.00	0
		1	50	23.10	23.10	23.12	25.00	0
		1	99	23.04	23.18	23.04	25.00	0
		50	0	23.03	23.17	23.13	24.00	1
		50	25	22.08	22.10	22.10	24.00	1
		50	50	22.11	22.11	22.16	24.00	1
		100	0	22.05	22.08	22.19	24.00	1
20	16-QAM	1	0	22.17	22.00	22.04	24.00	1
		1	50	22.17	22.19	22.05	24.00	1
		1	99	22.20	22.12	22.11	24.00	1
		50	0	22.09	22.05	22.03	23.00	2
		50	25	21.15	21.00	21.12	23.00	2
		50	50	21.12	21.11	21.14	23.00	2
		100	0	21.00	21.14	21.04	23.00	2
20	64-QAM	1	0	21.04	21.10	21.19	23.00	2
		1	50	21.10	21.19	21.06	23.00	2
		1	99	21.04	21.03	21.08	23.00	2
		50	0	21.06	21.04	21.20	22.00	3
		50	25	20.08	20.15	20.14	22.00	3
		50	50	20.05	20.05	20.13	22.00	3
		100	0	20.18	20.06	20.17	22.00	3
20	256-QAM	1	0	20.16	20.16	20.16	22.00	3
		1	50	20.11	20.16	20.01	22.00	3
		1	99	20.07	20.01	20.05	22.00	3
		50	0	20.04	20.15	20.18	21.00	4
		50	25	19.02	19.06	19.06	21.00	4
		50	50	19.08	19.13	19.13	21.00	4
		100	0	19.01	19.00	19.13	21.00	4

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f (886-2) 2298-0488

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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	23.04	23.12	23.01	25.00	0
		1	36	23.11	23.05	23.19	25.00	0
		1	74	23.18	23.19	23.02	25.00	0
		36	0	23.09	23.13	23.15	24.00	1
		36	18	22.09	22.01	22.14	24.00	1
		36	37	22.02	22.10	22.02	24.00	1
		75	0	22.07	22.00	22.03	24.00	1
15	16-QAM	1	0	22.11	22.05	22.08	24.00	1
		1	36	22.17	22.04	22.08	24.00	1
		1	74	22.08	22.12	22.06	24.00	1
		36	0	22.04	22.09	22.06	23.00	2
		36	18	21.11	21.17	21.20	23.00	2
		36	37	21.12	21.17	21.18	23.00	2
		75	0	21.09	21.14	21.16	23.00	2
15	64-QAM	1	0	21.13	21.13	21.15	23.00	2
		1	36	21.18	21.02	21.12	23.00	2
		1	74	21.03	21.19	21.01	23.00	2
		36	0	21.09	21.18	21.18	22.00	3
		36	18	20.10	20.18	20.18	22.00	3
		36	37	20.02	20.09	20.08	22.00	3
		75	0	20.07	20.02	20.11	22.00	3
15	256-QAM	1	0	20.09	20.15	20.06	22.00	3
		1	36	20.02	20.14	20.17	22.00	3
		1	74	20.02	20.19	20.06	22.00	3
		36	0	20.10	20.04	20.12	21.00	4
		36	18	19.16	19.19	19.04	21.00	4
		36	37	19.19	19.06	19.18	21.00	4
		75	0	19.08	19.14	19.01	21.00	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	23.13	23.05	23.11	25.00	0
		1	25	23.12	23.15	23.05	25.00	0
		1	49	23.03	23.03	23.01	25.00	0
		25	0	23.11	23.15	23.16	24.00	1
		25	12	22.00	22.14	22.00	24.00	1
		25	25	22.10	22.10	22.02	24.00	1
		50	0	22.04	22.12	22.11	24.00	1
10	16-QAM	1	0	22.15	22.11	22.18	24.00	1
		1	25	22.14	22.15	22.07	24.00	1
		1	49	22.13	22.07	22.10	24.00	1
		25	0	22.10	22.19	22.13	23.00	2
		25	12	21.12	21.04	21.18	23.00	2
		25	25	21.02	21.18	21.01	23.00	2
		50	0	21.12	21.11	21.16	23.00	2
10	64-QAM	1	0	21.06	21.14	21.17	23.00	2
		1	25	21.17	21.16	21.05	23.00	2
		1	49	21.01	21.17	21.03	23.00	2
		25	0	21.03	21.01	21.05	22.00	3
		25	12	20.18	20.00	20.07	22.00	3
		25	25	20.02	20.20	20.06	22.00	3
		50	0	20.08	20.04	20.11	22.00	3
10	256-QAM	1	0	20.20	20.07	20.04	22.00	3
		1	25	20.02	20.19	20.02	22.00	3
		1	49	20.06	20.17	20.07	22.00	3
		25	0	20.03	20.07	20.00	21.00	4
		25	12	19.03	19.10	19.01	21.00	4
		25	25	19.17	19.07	19.19	21.00	4
		50	0	19.09	19.16	19.06	21.00	4

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f (886-2) 2298-0488

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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	23.19	23.08	23.19	25.00	0
		1	12	23.01	23.02	23.02	25.00	0
		1	24	23.18	23.08	23.12	25.00	0
		12	0	23.04	23.09	23.12	24.00	1
		12	6	22.10	22.03	22.15	24.00	1
		12	13	22.10	22.15	22.16	24.00	1
		25	0	22.10	22.09	22.06	24.00	1
5	16-QAM	1	0	22.03	22.02	22.08	24.00	1
		1	12	22.18	22.14	22.14	24.00	1
		1	24	22.17	22.13	22.01	24.00	1
		12	0	22.19	22.19	22.11	23.00	2
		12	6	21.07	21.04	21.18	23.00	2
		12	13	21.11	21.16	21.18	23.00	2
		25	0	21.17	21.14	21.19	23.00	2
5	64-QAM	1	0	21.05	21.02	21.12	23.00	2
		1	12	21.17	21.16	21.05	23.00	2
		1	24	21.20	21.05	21.12	23.00	2
		12	0	21.13	21.12	21.15	22.00	3
		12	6	20.20	20.03	20.03	22.00	3
		12	13	20.16	20.19	20.15	22.00	3
		25	0	20.04	20.16	20.16	22.00	3
5	256-QAM	1	0	20.07	20.08	20.09	22.00	3
		1	12	20.10	20.01	20.06	22.00	3
		1	24	20.09	20.12	20.17	22.00	3
		12	0	20.10	20.11	20.14	21.00	4
		12	6	19.17	19.05	19.13	21.00	4
		12	13	19.12	19.10	19.16	21.00	4
		25	0	19.12	19.03	19.15	21.00	4

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f (886-2) 2298-0488

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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)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	23.18	23.03	23.04	25.00	0
		1	7	23.20	23.05	23.19	25.00	0
		1	14	23.14	23.16	23.03	25.00	0
		8	0	23.05	23.03	23.14	24.00	1
		8	4	22.16	22.13	22.14	24.00	1
		8	7	22.11	22.01	22.16	24.00	1
		15	0	22.17	22.16	22.15	24.00	1
3	16-QAM	1	0	22.14	22.17	22.02	24.00	1
		1	7	22.07	22.13	22.01	24.00	1
		1	14	22.13	22.10	22.12	24.00	1
		8	0	22.01	22.11	22.15	23.00	2
		8	4	21.05	21.18	21.17	23.00	2
		8	7	21.05	21.16	21.07	23.00	2
		15	0	21.10	21.10	21.04	23.00	2
3	64-QAM	1	0	21.10	21.18	21.06	23.00	2
		1	7	21.08	21.18	21.17	23.00	2
		1	14	21.15	21.15	21.08	23.00	2
		8	0	21.15	21.11	21.14	22.00	3
		8	4	20.20	20.15	20.06	22.00	3
		8	7	20.05	20.13	20.10	22.00	3
		15	0	20.17	20.13	20.13	22.00	3
3	256-QAM	1	0	20.04	20.19	20.06	22.00	3
		1	7	20.12	20.04	20.17	22.00	3
		1	14	20.05	20.09	20.12	22.00	3
		8	0	20.16	20.01	20.10	21.00	4
		8	4	19.06	19.06	19.02	21.00	4
		8	7	19.05	19.04	19.17	21.00	4
		15	0	19.14	19.09	19.08	21.00	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	23.17	23.14	23.15	25.00	0
		1	2	23.02	23.04	23.15	25.00	0
		1	5	23.01	23.09	23.00	25.00	0
		3	0	23.01	23.14	23.19	25.00	0
		3	2	23.02	23.00	23.00	25.00	0
		3	3	23.03	23.19	23.17	25.00	0
		6	0	22.19	22.08	22.14	24.00	1
1.4	16-QAM	1	0	22.10	22.05	22.01	24.00	1
		1	2	22.13	22.09	22.14	24.00	1
		1	5	22.16	22.12	22.14	24.00	1
		3	0	22.11	22.12	22.14	24.00	1
		3	2	23.06	23.03	23.19	24.00	1
		3	3	23.07	23.19	23.07	24.00	1
		6	0	21.16	21.11	21.14	23.00	2
1.4	64-QAM	1	0	21.16	21.01	21.10	23.00	2
		1	2	21.07	21.06	21.11	23.00	2
		1	5	21.19	21.13	21.19	23.00	2
		3	0	21.10	21.17	21.17	23.00	2
		3	2	21.15	21.12	21.12	23.00	2
		3	3	21.16	21.10	21.04	23.00	2
		6	0	20.12	20.09	20.18	22.00	3
1.4	256-QAM	1	0	20.04	20.07	20.06	22.00	3
		1	2	20.18	20.09	20.01	22.00	3
		1	5	20.02	20.14	20.01	22.00	3
		3	0	20.11	20.11	20.16	22.00	3
		3	2	20.13	20.18	20.02	22.00	3
		3	3	20.16	20.11	20.12	22.00	3
		6	0	19.16	19.05	19.11	21.00	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	23.25	23.14	23.06	25.00	0
		1	50	23.15	23.02	23.10	25.00	0
		1	99	23.19	23.13	23.16	25.00	0
		50	0	22.05	22.20	22.12	24.00	1
		50	25	22.17	22.13	22.12	24.00	1
		50	50	22.07	22.08	22.05	24.00	1
		100	0	22.09	22.11	22.15	24.00	1
20	16-QAM	1	0	22.06	22.05	22.03	24.00	1
		1	50	22.11	22.07	22.13	24.00	1
		1	99	22.06	22.20	22.01	24.00	1
		50	0	21.05	21.14	21.12	23.00	2
		50	25	21.12	21.13	21.06	23.00	2
		50	50	21.08	21.02	21.06	23.00	2
		100	0	21.13	21.18	21.02	23.00	2
20	64-QAM	1	0	21.03	21.13	21.16	23.00	2
		1	50	21.19	21.10	21.00	23.00	2
		1	99	21.19	21.01	21.13	23.00	2
		50	0	20.11	20.07	20.18	22.00	3
		50	25	20.10	20.06	20.01	22.00	3
		50	50	20.16	20.16	20.13	22.00	3
		100	0	20.04	20.18	20.03	22.00	3
20	256-QAM	1	0	20.20	20.16	20.14	22.00	3
		1	50	20.15	20.01	20.00	22.00	3
		1	99	20.11	20.02	20.20	22.00	3
		50	0	19.18	19.02	19.15	21.00	4
		50	25	19.03	19.13	19.04	21.00	4
		50	50	19.01	19.05	19.15	21.00	4
		100	0	19.13	19.01	19.20	21.00	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	23.11	23.18	23.11	25.00	0
		1	36	23.13	23.08	23.12	25.00	0
		1	74	23.19	23.10	23.16	25.00	0
		36	0	22.08	22.11	22.11	24.00	1
		36	18	22.13	22.08	22.12	24.00	1
		36	37	22.11	22.11	22.16	24.00	1
		75	0	22.03	22.13	22.01	24.00	1
15	16-QAM	1	0	22.01	22.06	22.06	24.00	1
		1	36	22.18	22.02	22.13	24.00	1
		1	74	22.17	22.01	22.16	24.00	1
		36	0	21.07	21.01	21.04	23.00	2
		36	18	21.09	21.09	21.04	23.00	2
		36	37	21.02	21.02	21.14	23.00	2
		75	0	21.19	21.03	21.06	23.00	2
15	64-QAM	1	0	21.15	21.09	21.06	23.00	2
		1	36	21.18	21.19	21.05	23.00	2
		1	74	21.08	21.12	21.05	23.00	2
		36	0	20.17	20.09	20.15	22.00	3
		36	18	20.01	20.04	20.17	22.00	3
		36	37	20.13	20.15	20.02	22.00	3
		75	0	20.14	20.08	20.09	22.00	3
15	256-QAM	1	0	20.00	20.09	20.10	22.00	3
		1	36	20.01	20.14	20.06	22.00	3
		1	74	20.09	20.01	20.19	22.00	3
		36	0	19.12	19.09	19.06	21.00	4
		36	18	19.05	19.02	19.20	21.00	4
		36	37	19.18	19.00	19.09	21.00	4
		75	0	19.18	19.01	19.07	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.12	23.11	23.13	25.00	0
		1	25	23.18	23.10	23.01	25.00	0
		1	49	23.06	23.16	23.15	25.00	0
		25	0	22.05	22.04	22.10	24.00	1
		25	12	22.14	22.12	22.06	24.00	1
		25	25	22.06	22.07	22.02	24.00	1
		50	0	22.04	22.14	22.07	24.00	1
10	16-QAM	1	0	22.19	22.18	22.14	24.00	1
		1	25	22.18	22.18	22.02	24.00	1
		1	49	22.05	22.17	22.10	24.00	1
		25	0	21.09	21.18	21.01	23.00	2
		25	12	21.16	21.01	21.17	23.00	2
		25	25	21.05	21.13	21.17	23.00	2
		50	0	21.07	21.08	21.16	23.00	2
10	64-QAM	1	0	21.01	21.19	21.20	23.00	2
		1	25	21.03	21.04	21.12	23.00	2
		1	49	21.10	21.14	21.02	23.00	2
		25	0	20.20	20.01	20.18	22.00	3
		25	12	20.07	20.19	20.00	22.00	3
		25	25	20.01	20.12	20.14	22.00	3
		50	0	20.11	20.12	20.05	22.00	3
10	256-QAM	1	0	20.10	20.19	20.08	22.00	3
		1	25	20.01	20.18	20.12	22.00	3
		1	49	20.03	20.01	20.20	22.00	3
		25	0	19.20	19.01	19.07	21.00	4
		25	12	19.17	19.17	19.08	21.00	4
		25	25	19.09	19.13	19.13	21.00	4
		50	0	19.03	19.04	19.09	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.12	23.17	23.17	25.00	0
		1	12	23.06	23.02	23.11	25.00	0
		1	24	23.08	23.03	23.07	25.00	0
		12	0	22.06	22.09	22.11	24.00	1
		12	6	22.06	22.02	22.14	24.00	1
		12	13	22.08	22.04	22.08	24.00	1
		25	0	22.09	22.15	22.06	24.00	1
5	16-QAM	1	0	22.03	22.14	22.20	24.00	1
		1	12	22.10	22.01	22.18	24.00	1
		1	24	22.17	22.08	22.02	24.00	1
		12	0	21.12	21.12	21.06	23.00	2
		12	6	21.14	21.18	21.14	23.00	2
		12	13	21.08	21.19	21.15	23.00	2
		25	0	21.15	21.19	21.11	23.00	2
5	64-QAM	1	0	21.11	21.10	21.15	23.00	2
		1	12	21.01	21.01	21.12	23.00	2
		1	24	21.16	21.09	21.19	23.00	2
		12	0	20.02	20.17	20.15	22.00	3
		12	6	20.06	20.18	20.16	22.00	3
		12	13	20.06	20.06	20.13	22.00	3
		25	0	20.20	20.17	20.09	22.00	3
5	256-QAM	1	0	20.14	20.04	20.13	22.00	3
		1	12	20.01	20.03	20.15	22.00	3
		1	24	20.12	20.09	20.10	22.00	3
		12	0	19.06	19.12	19.11	21.00	4
		12	6	19.15	19.09	19.14	21.00	4
		12	13	19.07	19.12	19.08	21.00	4
		25	0	19.03	19.08	19.12	21.00	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	23.13	23.06	23.09	25.00	0
		1	7	23.16	23.06	23.12	25.00	0
		1	14	23.02	23.09	23.05	25.00	0
		8	0	22.19	22.19	22.14	24.00	1
		8	4	22.04	22.02	22.13	24.00	1
		8	7	22.03	22.16	22.13	24.00	1
		15	0	22.05	22.19	22.10	24.00	1
3	16-QAM	1	0	22.06	22.10	22.18	24.00	1
		1	7	22.11	22.00	22.06	24.00	1
		1	14	22.13	22.08	22.15	24.00	1
		8	0	21.09	21.04	21.09	23.00	2
		8	4	21.07	21.19	21.06	23.00	2
		8	7	21.05	21.04	21.05	23.00	2
		15	0	21.08	21.15	21.02	23.00	2
3	64-QAM	1	0	21.11	21.20	21.09	23.00	2
		1	7	21.02	21.18	21.04	23.00	2
		1	14	21.11	21.04	21.05	23.00	2
		8	0	20.15	20.02	20.17	22.00	3
		8	4	20.11	20.00	20.01	22.00	3
		8	7	20.14	20.03	20.03	22.00	3
		15	0	20.01	20.05	20.04	22.00	3
3	256-QAM	1	0	20.03	20.10	20.05	22.00	3
		1	7	20.04	20.14	20.11	22.00	3
		1	14	20.14	20.17	20.13	22.00	3
		8	0	19.18	19.03	19.07	21.00	4
		8	4	19.02	19.05	19.04	21.00	4
		8	7	19.02	19.12	19.05	21.00	4
		15	0	19.09	19.11	19.06	21.00	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)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	23.05	23.15	23.18	25.00	0
		1	2	23.17	23.10	23.11	25.00	0
		1	5	23.09	23.04	23.03	25.00	0
		3	0	23.20	23.17	23.11	25.00	0
		3	2	23.08	23.05	23.03	25.00	0
		3	3	23.19	23.14	23.11	25.00	0
		6	0	22.16	22.01	22.20	24.00	1
1.4	16-QAM	1	0	22.18	22.16	22.10	24.00	1
		1	2	22.05	22.18	22.17	24.00	1
		1	5	22.01	22.06	22.06	24.00	1
		3	0	22.15	22.07	22.16	24.00	1
		3	2	22.17	22.12	22.06	24.00	1
		3	3	22.20	22.15	22.06	24.00	1
		6	0	21.14	21.17	21.02	23.00	2
1.4	64-QAM	1	0	21.09	21.13	21.16	23.00	2
		1	2	21.13	21.07	21.09	23.00	2
		1	5	21.14	21.13	21.09	23.00	2
		3	0	21.07	21.11	21.10	23.00	2
		3	2	21.14	21.11	21.12	23.00	2
		3	3	21.15	21.20	21.16	23.00	2
		6	0	21.06	21.14	21.19	22.00	3
1.4	256-QAM	1	0	20.09	20.19	20.15	22.00	3
		1	2	20.14	20.19	20.03	22.00	3
		1	5	20.09	20.16	20.17	22.00	3
		3	0	20.05	20.19	20.15	22.00	3
		3	2	20.05	20.20	20.06	22.00	3
		3	3	20.18	20.03	20.08	22.00	3
		6	0	19.06	19.19	19.15	21.00	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	23.85	23.67	23.96	25.00	0
		1	25	23.16	23.17	23.09	25.00	0
		1	49	23.03	23.08	23.09	25.00	0
		25	0	22.09	22.01	22.07	24.00	1
		25	12	22.14	22.19	22.18	24.00	1
		25	25	22.12	22.15	22.10	24.00	1
		50	0	22.12	22.18	22.01	24.00	1
10	16-QAM	1	0	22.20	22.06	22.04	24.00	1
		1	25	22.17	22.05	22.09	24.00	1
		1	49	22.06	22.17	22.03	24.00	1
		25	0	21.20	21.06	21.04	23.00	2
		25	12	21.06	21.08	21.10	23.00	2
		25	25	21.09	21.12	21.06	23.00	2
		50	0	21.00	21.10	21.18	23.00	2
10	64-QAM	1	0	21.18	21.04	21.14	23.00	2
		1	25	21.19	21.02	21.07	23.00	2
		1	49	21.12	21.07	21.14	23.00	2
		25	0	20.18	20.06	20.18	22.00	3
		25	12	20.16	20.02	20.17	22.00	3
		25	25	20.14	20.15	20.13	22.00	3
		50	0	20.13	20.06	20.08	22.00	3
10	256-QAM	1	0	20.07	20.05	20.19	22.00	3
		1	25	20.15	20.11	20.05	22.00	3
		1	49	20.05	20.18	20.02	22.00	3
		25	0	19.05	19.15	19.20	21.00	4
		25	12	19.13	19.20	19.00	21.00	4
		25	25	19.10	19.09	19.04	21.00	4
		50	0	19.14	19.08	19.03	21.00	4

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f (886-2) 2298-0488

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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)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	23.16	23.03	23.13	25.00	0
		1	12	23.18	23.18	23.04	25.00	0
		1	24	23.08	23.14	23.13	25.00	0
		12	0	22.15	22.01	22.18	24.00	1
		12	6	22.15	22.05	22.12	24.00	1
		12	13	22.15	22.05	22.11	24.00	1
		25	0	22.15	22.13	22.10	24.00	1
5	16-QAM	1	0	22.16	22.12	22.14	24.00	1
		1	12	22.04	22.08	22.19	24.00	1
		1	24	22.05	22.10	22.19	24.00	1
		12	0	21.18	21.18	21.14	23.00	2
		12	6	21.10	21.19	21.09	23.00	2
		12	13	21.15	21.11	21.05	23.00	2
		25	0	21.02	21.19	21.02	23.00	2
5	64-QAM	1	0	21.14	21.18	21.16	23.00	2
		1	12	21.20	21.01	21.12	23.00	2
		1	24	21.04	21.05	21.03	23.00	2
		12	0	20.12	20.08	20.18	22.00	3
		12	6	20.12	20.16	20.05	22.00	3
		12	13	20.15	20.05	20.07	22.00	3
		25	0	20.00	20.12	20.14	22.00	3
5	256-QAM	1	0	20.20	20.15	20.16	22.00	3
		1	12	20.08	20.03	20.08	22.00	3
		1	24	20.11	20.01	20.04	22.00	3
		12	0	19.05	19.06	19.06	21.00	4
		12	6	19.07	19.03	19.16	21.00	4
		12	13	19.13	19.14	19.08	21.00	4
		25	0	19.09	19.00	19.03	21.00	4

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f (886-2) 2298-0488

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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)				825.5	836.5	847.5		
Channel				20415	20525	20635		
3	QPSK	1	0	23.07	23.11	23.15	25.00	0
		1	7	23.11	23.07	23.14	25.00	0
		1	14	23.15	23.00	23.11	25.00	0
		8	0	22.20	22.11	22.16	24.00	1
		8	4	22.07	22.17	22.05	24.00	1
		8	7	22.20	22.18	22.08	24.00	1
		15	0	22.16	22.03	22.04	24.00	1
3	16-QAM	1	0	22.05	22.07	22.07	24.00	1
		1	7	22.01	22.09	22.02	24.00	1
		1	14	22.16	22.18	22.04	24.00	1
		8	0	21.18	21.08	21.16	23.00	2
		8	4	21.11	21.09	21.20	23.00	2
		8	7	21.03	21.18	21.10	23.00	2
		15	0	21.17	21.16	21.04	23.00	2
3	64-QAM	1	0	21.03	21.10	21.06	23.00	2
		1	7	21.04	21.19	21.16	23.00	2
		1	14	21.16	21.18	21.11	23.00	2
		8	0	20.14	20.15	20.11	22.00	3
		8	4	20.16	20.03	20.11	22.00	3
		8	7	20.11	20.03	20.15	22.00	3
		15	0	20.14	20.15	20.03	22.00	3
3	256-QAM	1	0	20.15	20.02	20.12	22.00	3
		1	7	20.08	20.11	20.08	22.00	3
		1	14	20.01	20.08	20.15	22.00	3
		8	0	19.08	19.03	19.05	21.00	4
		8	4	19.20	19.05	19.13	21.00	4
		8	7	19.00	19.11	19.17	21.00	4
		15	0	19.12	19.11	19.17	21.00	4

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Frequency (MHz)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	23.09	23.05	23.03	25.00	0
		1	2	23.14	23.09	23.13	25.00	0
		1	5	23.03	23.12	23.13	25.00	0
		3	0	23.19	23.13	23.19	25.00	0
		3	2	23.04	23.20	23.16	25.00	0
		3	3	23.03	23.01	23.06	25.00	0
		6	0	22.20	22.17	22.19	24.00	1
1.4	16-QAM	1	0	22.17	22.18	22.16	24.00	1
		1	2	22.11	22.07	22.16	24.00	1
		1	5	22.04	22.02	22.16	24.00	1
		3	0	22.08	22.00	22.04	24.00	1
		3	2	22.11	22.11	22.10	24.00	1
		3	3	22.19	22.19	22.06	24.00	1
		6	0	21.10	21.08	21.16	23.00	2
1.4	64-QAM	1	0	21.09	21.12	21.11	23.00	2
		1	2	21.15	21.07	21.07	23.00	2
		1	5	21.06	21.09	21.04	23.00	2
		3	0	21.01	21.20	21.04	23.00	2
		3	2	21.13	21.04	21.01	23.00	2
		3	3	21.19	21.06	21.03	23.00	2
		6	0	20.18	20.00	20.17	22.00	3
1.4	256-QAM	1	0	20.17	20.07	20.20	22.00	3
		1	2	20.06	20.18	20.19	22.00	3
		1	5	20.20	20.17	20.04	22.00	3
		3	0	20.06	20.12	20.13	22.00	3
		3	2	20.08	20.04	20.03	22.00	3
		3	3	20.06	20.14	20.05	22.00	3
		6	0	19.11	19.16	19.11	21.00	4

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Frequency (MHz)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	23.21	23.13	23.06	25.00	0
		1	50	23.09	23.11	23.00	25.00	0
		1	99	23.11	23.20	23.08	25.00	0
		50	0	22.18	22.16	22.10	24.00	1
		50	25	22.13	22.16	22.08	24.00	1
		50	50	22.17	22.16	22.17	24.00	1
		100	0	22.19	22.02	22.13	24.00	1
20	16-QAM	1	0	22.04	22.16	22.09	24.00	1
		1	50	22.20	22.09	22.17	24.00	1
		1	99	22.09	22.08	22.05	24.00	1
		50	0	21.13	21.09	21.14	23.00	2
		50	25	21.02	21.19	21.19	23.00	2
		50	50	21.08	21.09	21.12	23.00	2
		100	0	21.16	21.14	21.12	23.00	2
20	64-QAM	1	0	21.17	21.18	21.02	23.00	2
		1	50	21.05	21.08	21.00	23.00	2
		1	99	21.17	21.16	21.13	23.00	2
		50	0	20.07	20.14	20.05	22.00	3
		50	25	20.18	20.06	20.15	22.00	3
		50	50	20.05	20.01	20.18	22.00	3
		100	0	20.01	20.18	20.19	22.00	3
20	256-QAM	1	0	20.07	20.10	20.04	22.00	3
		1	50	20.16	20.16	20.09	22.00	3
		1	99	20.20	20.08	20.02	22.00	3
		50	0	19.05	19.07	19.15	21.00	4
		50	25	19.14	19.02	19.03	21.00	4
		50	50	19.03	19.05	19.04	21.00	4
		100	0	19.05	19.15	19.06	21.00	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)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	23.19	23.00	23.09	25.00	0
		1	36	23.04	23.11	23.09	25.00	0
		1	74	23.01	23.06	23.19	25.00	0
		36	0	22.06	22.00	22.05	24.00	1
		36	18	22.18	22.03	22.11	24.00	1
		36	37	22.19	22.13	22.09	24.00	1
		75	0	22.14	22.14	22.03	24.00	1
15	16-QAM	1	0	22.19	22.09	22.18	24.00	1
		1	36	22.10	22.09	22.10	24.00	1
		1	74	22.07	22.04	22.12	24.00	1
		36	0	21.10	21.16	21.06	23.00	2
		36	18	21.01	21.01	21.01	23.00	2
		36	37	21.10	21.02	21.10	23.00	2
		75	0	21.10	21.13	21.10	23.00	2
15	64-QAM	1	0	21.11	21.05	21.20	23.00	2
		1	36	21.15	21.08	21.04	23.00	2
		1	74	21.09	21.10	21.05	23.00	2
		36	0	20.11	20.01	20.19	22.00	3
		36	18	20.19	20.14	20.04	22.00	3
		36	37	20.12	20.20	20.04	22.00	3
		75	0	20.11	20.16	20.00	22.00	3
15	256-QAM	1	0	20.12	20.13	20.11	22.00	3
		1	36	20.14	20.10	20.12	22.00	3
		1	74	20.16	20.18	20.10	22.00	3
		36	0	19.06	19.10	19.10	21.00	4
		36	18	19.14	19.02	19.16	21.00	4
		36	37	19.19	19.05	19.13	21.00	4
		75	0	19.11	19.11	19.19	21.00	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)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	23.14	23.05	23.19	25.00	0
		1	25	23.14	23.09	23.12	25.00	0
		1	49	23.17	23.08	23.12	25.00	0
		25	0	22.17	22.14	22.14	24.00	1
		25	12	22.05	22.20	22.08	24.00	1
		25	25	22.06	22.08	22.01	24.00	1
		50	0	22.03	22.09	22.03	24.00	1
10	16-QAM	1	0	22.02	22.02	22.18	24.00	1
		1	25	22.14	22.05	22.19	24.00	1
		1	49	22.09	22.01	22.14	24.00	1
		25	0	21.17	21.12	21.11	23.00	2
		25	12	21.05	21.18	21.10	23.00	2
		25	25	21.02	21.06	21.13	23.00	2
		50	0	21.15	21.15	21.01	23.00	2
10	64-QAM	1	0	21.17	21.17	21.05	23.00	2
		1	25	21.02	21.05	21.18	23.00	2
		1	49	21.04	21.16	21.09	23.00	2
		25	0	20.19	20.13	20.04	22.00	3
		25	12	20.19	20.10	20.10	22.00	3
		25	25	20.13	20.03	20.11	22.00	3
		50	0	20.14	20.18	20.04	22.00	3
10	256-QAM	1	0	20.14	20.08	20.16	22.00	3
		1	25	20.02	20.05	20.06	22.00	3
		1	49	20.03	20.01	20.10	22.00	3
		25	0	19.09	19.09	19.08	21.00	4
		25	12	19.11	19.15	19.15	21.00	4
		25	25	19.04	19.14	19.16	21.00	4
		50	0	19.10	19.18	19.17	21.00	4

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	23.01	23.08	23.16	25.00	0
		1	12	23.16	23.12	23.02	25.00	0
		1	24	23.00	23.17	23.15	25.00	0
		12	0	22.02	22.14	22.03	24.00	1
		12	6	22.05	22.18	22.07	24.00	1
		12	13	22.14	22.08	22.17	24.00	1
		25	0	22.20	22.11	22.10	24.00	1
5	16-QAM	1	0	22.12	22.04	22.16	24.00	1
		1	12	22.14	22.18	22.12	24.00	1
		1	24	22.19	22.05	22.17	24.00	1
		12	0	21.03	21.15	21.12	23.00	2
		12	6	21.20	21.09	21.15	23.00	2
		12	13	21.02	21.01	21.12	23.00	2
		25	0	21.09	21.06	21.06	23.00	2
5	64-QAM	1	0	21.13	21.17	21.05	23.00	2
		1	12	21.00	21.04	21.17	23.00	2
		1	24	21.11	21.09	21.14	23.00	2
		12	0	20.04	20.11	20.00	22.00	3
		12	6	20.18	20.05	20.06	22.00	3
		12	13	20.09	20.09	20.18	22.00	3
		25	0	20.02	20.17	20.19	22.00	3
5	256-QAM	1	0	20.19	20.15	20.13	22.00	3
		1	12	20.12	20.10	20.13	22.00	3
		1	24	20.12	20.04	20.09	22.00	3
		12	0	19.18	19.09	19.08	21.00	4
		12	6	19.06	19.15	19.04	21.00	4
		12	13	19.16	19.15	19.19	21.00	4
		25	0	19.20	19.04	19.19	21.00	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	24.01	24.07	23.96	25.00	0
		1	25	23.73	23.88	23.79	25.00	0
		1	49	23.81	23.85	23.85	25.00	0
		25	0	22.71	22.77	22.73	24.00	1
		25	12	22.78	22.74	22.78	24.00	1
		25	25	22.77	22.86	22.81	24.00	1
		50	0	22.75	22.77	22.84	24.00	1
10	16-QAM	1	0	22.72	22.82	22.73	24.00	1
		1	25	22.78	22.73	22.80	24.00	1
		1	49	22.88	22.79	22.81	24.00	1
		25	0	21.74	21.71	21.71	23.00	2
		25	12	21.75	21.83	21.77	23.00	2
		25	25	21.73	21.77	21.89	23.00	2
		50	0	21.77	21.89	21.88	23.00	2
10	64-QAM	1	0	21.70	21.74	21.83	23.00	2
		1	25	21.87	21.85	21.82	23.00	2
		1	49	21.82	21.87	21.72	23.00	2
		25	0	20.80	20.85	20.81	22.00	3
		25	12	20.77	20.79	20.71	22.00	3
		25	25	20.75	20.81	20.84	22.00	3
		50	0	20.83	20.88	20.90	22.00	3
10	256-QAM	1	0	20.74	20.82	20.89	22.00	3
		1	25	20.77	20.72	20.90	22.00	3
		1	49	20.86	20.79	20.76	22.00	3
		25	0	19.75	19.71	19.74	21.00	4
		25	12	19.76	19.78	19.77	21.00	4
		25	25	19.83	19.80	19.85	21.00	4
		50	0	19.89	19.72	19.76	21.00	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)				701.5	707.5	713.5		
Channel				23035	23095	23155		
5	QPSK	1	0	23.76	23.87	23.76	25.00	0
		1	12	23.73	23.84	23.76	25.00	0
		1	24	23.75	23.77	23.89	25.00	0
		12	0	22.80	22.77	22.88	24.00	1
		12	6	22.78	22.73	22.85	24.00	1
		12	13	22.90	22.82	22.81	24.00	1
		25	0	22.77	22.82	22.83	24.00	1
5	16-QAM	1	0	22.84	22.83	22.72	24.00	1
		1	12	22.84	22.72	22.86	24.00	1
		1	24	22.81	22.85	22.86	24.00	1
		12	0	21.78	21.76	21.77	23.00	2
		12	6	21.86	21.78	21.85	23.00	2
		12	13	21.71	21.87	21.86	23.00	2
		25	0	21.86	21.83	21.72	23.00	2
5	64-QAM	1	0	21.78	21.86	21.75	23.00	2
		1	12	21.81	21.90	21.85	23.00	2
		1	24	21.83	21.86	21.88	23.00	2
		12	0	20.81	20.82	20.77	22.00	3
		12	6	20.82	20.85	20.77	22.00	3
		12	13	20.72	20.77	20.74	22.00	3
		25	0	20.71	20.77	20.85	22.00	3
5	256-QAM	1	0	20.87	20.77	20.84	22.00	3
		1	12	20.82	20.72	20.89	22.00	3
		1	24	20.84	20.88	20.81	22.00	3
		12	0	19.72	19.74	19.76	21.00	4
		12	6	19.73	19.78	19.84	21.00	4
		12	13	19.76	19.78	19.77	21.00	4
		25	0	19.83	19.87	19.74	21.00	4

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f (886-2) 2298-0488

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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	23.77	23.75	23.86	25.00	0
		1	7	23.81	23.77	23.79	25.00	0
		1	14	23.79	23.87	23.80	25.00	0
		8	0	22.78	22.81	22.86	24.00	1
		8	4	22.81	22.78	22.82	24.00	1
		8	7	22.90	22.84	22.77	24.00	1
		15	0	22.77	22.78	22.88	24.00	1
3	16-QAM	1	0	22.78	22.89	22.87	24.00	1
		1	7	22.72	22.73	22.85	24.00	1
		1	14	22.84	22.80	22.76	24.00	1
		8	0	21.75	21.82	21.75	23.00	2
		8	4	21.77	21.81	21.79	23.00	2
		8	7	21.70	21.84	21.76	23.00	2
		15	0	21.78	21.86	21.83	23.00	2
3	64-QAM	1	0	21.78	21.76	21.85	23.00	2
		1	7	21.88	21.73	21.78	23.00	2
		1	14	21.74	21.84	21.72	23.00	2
		8	0	20.72	20.85	20.77	22.00	3
		8	4	20.89	20.76	20.73	22.00	3
		8	7	20.85	20.72	20.78	22.00	3
		15	0	20.89	20.73	20.74	22.00	3
3	256-QAM	1	0	20.86	20.70	20.72	22.00	3
		1	7	20.74	20.76	20.87	22.00	3
		1	14	20.85	20.83	20.83	22.00	3
		8	0	19.81	19.88	19.71	21.00	4
		8	4	19.82	19.72	19.81	21.00	4
		8	7	19.87	19.82	19.79	21.00	4
		15	0	19.74	19.88	19.76	21.00	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)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	23.74	23.74	23.78	25.00	0
		1	2	23.79	23.70	23.74	25.00	0
		1	5	23.81	23.83	23.84	25.00	0
		3	0	22.72	22.83	22.76	25.00	0
		3	2	22.85	22.80	22.77	25.00	0
		3	3	22.79	22.85	22.86	25.00	0
		6	0	22.74	22.87	22.73	24.00	1
1.4	16-QAM	1	0	22.87	22.90	22.88	24.00	1
		1	2	22.76	22.82	22.78	24.00	1
		1	5	22.89	22.87	22.77	24.00	1
		3	0	21.87	21.86	21.78	24.00	1
		3	2	21.84	21.83	21.78	24.00	1
		3	3	21.71	21.85	21.84	24.00	1
		6	0	21.84	21.82	21.85	23.00	2
1.4	64-QAM	1	0	21.85	21.72	21.88	23.00	2
		1	2	21.71	21.71	21.77	23.00	2
		1	5	21.88	21.79	21.76	23.00	2
		3	0	20.87	20.84	20.71	23.00	2
		3	2	20.84	20.77	20.87	23.00	2
		3	3	20.82	20.73	20.78	23.00	2
		6	0	20.78	20.81	20.84	22.00	3
1.4	256-QAM	1	0	20.70	20.83	20.87	22.00	3
		1	2	20.74	20.87	20.88	22.00	3
		1	5	20.81	20.73	20.84	22.00	3
		3	0	19.84	19.89	19.85	22.00	3
		3	2	19.76	19.79	19.87	22.00	3
		3	3	19.86	19.81	19.70	22.00	3
		6	0	19.89	19.82	19.82	21.00	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		24.03		25.00	0
		1	25		23.78		25.00	0
		1	49		23.82		25.00	0
		25	0		22.76		24.00	1
		25	12		22.87		24.00	1
		25	25		22.84		24.00	1
		50	0		22.84		24.00	1
10	16-QAM	1	0		22.77		24.00	1
		1	25		22.72		24.00	1
		1	49		22.83		24.00	1
		25	0		21.74		23.00	2
		25	12		21.81		23.00	2
		25	25		21.71		23.00	2
		50	0		21.83		23.00	2
10	64-QAM	1	0		21.73		23.00	2
		1	25		21.89		23.00	2
		1	49		21.74		23.00	2
		25	0		20.87		22.00	3
		25	12		20.79		22.00	3
		25	25		20.79		22.00	3
		50	0		20.88		22.00	3
10	256-QAM	1	0		20.77		22.00	3
		1	25		20.73		22.00	3
		1	49		20.71		22.00	3
		25	0		19.81		21.00	4
		25	12		19.87		21.00	4
		25	25		19.74		21.00	4
		50	0		19.73		21.00	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	23.89	23.82	23.74	25.00	0
		1	12	23.77	23.78	23.80	25.00	0
		1	24	23.75	23.82	23.78	25.00	0
		12	0	22.80	22.75	22.84	24.00	1
		12	6	22.80	22.84	22.77	24.00	1
		12	13	22.73	22.82	22.90	24.00	1
		25	0	22.87	22.71	22.73	24.00	1
5	16-QAM	1	0	22.76	22.79	22.82	24.00	1
		1	12	22.80	22.86	22.70	24.00	1
		1	24	22.76	22.87	22.89	24.00	1
		12	0	21.71	21.78	21.78	23.00	2
		12	6	21.88	21.83	21.72	23.00	2
		12	13	21.75	21.74	21.80	23.00	2
		25	0	21.78	21.72	21.90	23.00	2
5	64-QAM	1	0	21.71	21.72	21.76	23.00	2
		1	12	21.77	21.82	21.86	23.00	2
		1	24	21.89	21.80	21.79	23.00	2
		12	0	20.86	20.75	20.87	22.00	3
		12	6	20.79	20.85	20.89	22.00	3
		12	13	20.84	20.71	20.87	22.00	3
		25	0	20.76	20.88	20.75	22.00	3
5	256-QAM	1	0	20.78	20.89	20.80	22.00	3
		1	12	20.86	20.71	20.84	22.00	3
		1	24	20.72	20.84	20.81	22.00	3
		12	0	19.78	19.76	19.86	21.00	4
		12	6	19.84	19.86	19.74	21.00	4
		12	13	19.81	19.88	19.73	21.00	4
		25	0	19.74	19.89	19.72	21.00	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		24.05		25.00	0
		1	25		23.72		25.00	0
		1	49		23.75		25.00	0
		25	0		22.74		24.00	1
		25	12		22.76		24.00	1
		25	25		22.73		24.00	1
		50	0		22.84		24.00	1
10	16-QAM	1	0		22.72		24.00	1
		1	25		22.86		24.00	1
		1	49		22.85		24.00	1
		25	0		21.87		23.00	2
		25	12		21.80		23.00	2
		25	25		21.76		23.00	2
		50	0		21.82		23.00	2
10	64-QAM	1	0		21.74		23.00	2
		1	25		21.76		23.00	2
		1	49		21.71		23.00	2
		25	0		20.82		22.00	3
		25	12		20.79		22.00	3
		25	25		20.84		22.00	3
		50	0		20.73		22.00	3
10	256-QAM	1	0		20.73		22.00	3
		1	25		20.86		22.00	3
		1	49		20.76		22.00	3
		25	0		19.76		21.00	4
		25	12		19.83		21.00	4
		25	25		19.83		21.00	4
		50	0		19.74		21.00	4

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f (886-2) 2298-0488

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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	23.70	23.83	23.78	25.00	0
		1	12	23.82	23.84	23.75	25.00	0
		1	24	23.83	23.72	23.87	25.00	0
		12	0	22.81	22.74	22.72	24.00	1
		12	6	22.87	22.84	22.82	24.00	1
		12	13	22.72	22.76	22.79	24.00	1
		25	0	22.80	22.77	22.72	24.00	1
5	16-QAM	1	0	22.78	22.86	22.77	24.00	1
		1	12	22.87	22.80	22.73	24.00	1
		1	24	22.79	22.89	22.85	24.00	1
		12	0	21.90	21.82	21.75	23.00	2
		12	6	21.72	21.77	21.75	23.00	2
		12	13	21.73	21.79	21.90	23.00	2
		25	0	21.83	21.75	21.80	23.00	2
5	64-QAM	1	0	21.74	21.86	21.73	23.00	2
		1	12	21.80	21.81	21.71	23.00	2
		1	24	21.87	21.75	21.71	23.00	2
		12	0	20.83	20.82	20.89	22.00	3
		12	6	20.85	20.72	20.86	22.00	3
		12	13	20.78	20.89	20.81	22.00	3
		25	0	20.82	20.81	20.88	22.00	3
5	256-QAM	1	0	20.88	20.88	20.79	22.00	3
		1	12	20.77	20.78	20.74	22.00	3
		1	24	20.83	20.85	20.76	22.00	3
		12	0	19.88	19.76	19.86	21.00	4
		12	6	19.88	19.89	19.75	21.00	4
		12	13	19.71	19.73	19.71	21.00	4
		25	0	19.71	19.75	19.74	21.00	4

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f (886-2) 2298-0488

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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	24.03	24.08	24.12	25.00	0
		1	25	23.78	23.85	23.89	25.00	0
		1	49	23.86	23.75	23.86	25.00	0
		25	0	22.82	22.77	22.73	24.00	1
		25	12	22.71	22.72	22.75	24.00	1
		25	25	22.81	22.86	22.72	24.00	1
		50	0	22.73	22.89	22.81	24.00	1
10	16-QAM	1	0	22.76	22.86	22.84	24.00	1
		1	25	22.89	22.79	22.77	24.00	1
		1	49	22.76	22.81	22.73	24.00	1
		25	0	21.70	21.71	21.88	23.00	2
		25	12	21.81	21.89	21.89	23.00	2
		25	25	21.84	21.77	21.88	23.00	2
		50	0	21.85	21.78	21.86	23.00	2
10	64-QAM	1	0	21.71	21.74	21.72	23.00	2
		1	25	21.73	21.72	21.77	23.00	2
		1	49	21.82	21.82	21.90	23.00	2
		25	0	20.83	20.74	20.84	22.00	3
		25	12	20.81	20.74	20.85	22.00	3
		25	25	20.81	20.87	20.86	22.00	3
		50	0	20.83	20.89	20.82	22.00	3
10	256-QAM	1	0	20.83	20.79	20.87	22.00	3
		1	25	20.75	20.87	20.83	22.00	3
		1	49	20.81	20.87	20.84	22.00	3
		25	0	19.86	19.86	19.83	21.00	4
		25	12	19.84	19.73	19.80	21.00	4
		25	25	19.78	19.72	19.78	21.00	4
		50	0	19.72	19.85	19.86	21.00	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	23.78	23.70	23.73	25.00	0
		1	12	23.86	23.82	23.86	25.00	0
		1	24	23.84	23.84	23.73	25.00	0
		12	0	22.73	22.79	22.80	24.00	1
		12	6	22.85	22.86	22.71	24.00	1
		12	13	22.88	22.81	22.72	24.00	1
		25	0	22.71	22.85	22.82	24.00	1
5	16-QAM	1	0	22.79	22.79	22.74	24.00	1
		1	12	22.77	22.75	22.83	24.00	1
		1	24	22.80	22.87	22.84	24.00	1
		12	0	21.85	21.80	21.82	23.00	2
		12	6	21.81	21.89	21.74	23.00	2
		12	13	21.77	21.71	21.82	23.00	2
		25	0	21.78	21.76	21.76	23.00	2
5	64-QAM	1	0	21.74	21.74	21.76	23.00	2
		1	12	21.81	21.80	21.79	23.00	2
		1	24	21.77	21.82	21.85	23.00	2
		12	0	20.76	20.88	20.79	22.00	3
		12	6	20.70	20.79	20.85	22.00	3
		12	13	20.75	20.76	20.84	22.00	3
		25	0	20.78	20.82	20.79	22.00	3
5	256-QAM	1	0	20.80	20.75	20.81	22.00	3
		1	12	20.84	20.70	20.72	22.00	3
		1	24	20.81	20.76	20.85	22.00	3
		12	0	19.79	19.78	19.71	21.00	4
		12	6	19.74	19.81	19.89	21.00	4
		12	13	19.71	19.71	19.81	21.00	4
		25	0	19.75	19.89	19.89	21.00	4

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LTE Band 25								
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				26140	26365	26590		
20	QPSK	1	0	23.11	23.26	23.17	25.00	0
		1	50	23.13	23.11	23.01	25.00	0
		1	99	23.03	23.16	23.08	25.00	0
		50	0	22.18	22.10	22.02	24.00	1
		50	25	22.18	22.12	22.04	24.00	1
		50	50	22.01	22.11	22.18	24.00	1
		100	0	22.03	22.19	22.01	24.00	1
20	16-QAM	1	0	22.19	22.10	22.04	24.00	1
		1	50	22.10	22.14	22.13	24.00	1
		1	99	22.20	22.06	22.13	24.00	1
		50	0	21.12	21.03	21.18	23.00	2
		50	25	21.05	21.15	21.14	23.00	2
		50	50	21.03	21.16	21.12	23.00	2
		100	0	21.16	21.04	21.19	23.00	2
20	64-QAM	1	0	21.10	21.04	21.14	23.00	2
		1	50	21.08	21.20	21.18	23.00	2
		1	99	21.18	21.17	21.01	23.00	2
		50	0	20.04	20.04	20.04	22.00	3
		50	25	20.05	20.19	20.01	22.00	3
		50	50	20.19	20.03	20.07	22.00	3
		100	0	20.07	20.11	20.15	22.00	3
20	256-QAM	1	0	20.14	20.06	20.05	22.00	3
		1	50	20.08	20.14	20.01	22.00	3
		1	99	20.10	20.08	20.14	22.00	3
		50	0	19.13	19.05	19.18	21.00	4
		50	25	19.01	19.14	19.02	21.00	4
		50	50	19.01	19.18	19.16	21.00	4
		100	0	19.15	19.18	19.13	21.00	4

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LTE Band 25								
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				26115	26365	26615		
15	QPSK	1	0	23.08	23.17	23.08	25.00	0
		1	36	23.12	23.05	23.20	25.00	0
		1	74	23.02	23.18	23.12	25.00	0
		36	0	22.02	22.07	22.09	24.00	1
		36	18	22.13	22.04	22.19	24.00	1
		36	37	22.17	22.16	22.06	24.00	1
		75	0	22.15	22.06	22.18	24.00	1
15	16-QAM	1	0	22.09	22.14	22.04	24.00	1
		1	36	22.09	22.00	22.08	24.00	1
		1	74	22.03	22.10	22.02	24.00	1
		36	0	21.14	21.06	21.12	23.00	2
		36	18	21.18	21.07	21.18	23.00	2
		36	37	21.14	21.02	21.19	23.00	2
		75	0	21.14	21.11	21.17	23.00	2
15	64-QAM	1	0	21.16	21.02	21.11	23.00	2
		1	36	21.17	21.14	21.05	23.00	2
		1	74	21.19	21.09	21.01	23.00	2
		36	0	20.10	20.17	20.18	22.00	3
		36	18	20.17	20.11	20.17	22.00	3
		36	37	20.08	20.08	20.05	22.00	3
		75	0	20.09	20.13	20.18	22.00	3
15	256-QAM	1	0	20.05	20.13	20.15	22.00	3
		1	36	20.11	20.17	20.18	22.00	3
		1	74	20.03	20.01	20.17	22.00	3
		36	0	19.16	19.02	19.02	21.00	4
		36	18	19.05	19.02	19.01	21.00	4
		36	37	19.19	19.03	19.15	21.00	4
		75	0	19.05	19.09	19.03	21.00	4

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LTE Band 25								
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				26090	26365	26640		
10	QPSK	1	0	23.13	23.10	23.13	25.00	0
		1	25	23.04	23.11	23.05	25.00	0
		1	49	23.05	23.04	23.02	25.00	0
		25	0	22.19	22.16	22.00	24.00	1
		25	12	22.06	22.05	22.14	24.00	1
		25	25	22.12	22.01	22.10	24.00	1
		50	0	22.10	22.04	22.05	24.00	1
10	16-QAM	1	0	22.01	22.20	22.08	24.00	1
		1	25	22.17	22.04	22.16	24.00	1
		1	49	22.08	22.17	22.00	24.00	1
		25	0	21.16	21.08	21.07	23.00	2
		25	12	21.19	21.05	21.10	23.00	2
		25	25	21.13	21.16	21.03	23.00	2
		50	0	21.02	21.04	21.09	23.00	2
10	64-QAM	1	0	21.15	21.03	21.14	23.00	2
		1	25	21.15	21.18	21.02	23.00	2
		1	49	21.05	21.01	21.10	23.00	2
		25	0	20.10	20.04	20.01	22.00	3
		25	12	20.08	20.20	20.10	22.00	3
		25	25	20.10	20.13	20.02	22.00	3
		50	0	20.17	20.20	20.02	22.00	3
10	256-QAM	1	0	20.07	20.15	20.11	22.00	3
		1	25	20.19	20.03	20.09	22.00	3
		1	49	20.04	20.13	20.13	22.00	3
		25	0	19.17	19.12	19.12	21.00	4
		25	12	19.11	19.17	19.13	21.00	4
		25	25	19.05	19.03	19.17	21.00	4
		50	0	19.01	19.18	19.06	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 25								
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				26065	26365	26665		
5	QPSK	1	0	23.13	23.08	23.14	25.00	0
		1	12	23.01	23.04	23.10	25.00	0
		1	24	23.12	23.17	23.14	25.00	0
		12	0	22.06	22.05	22.12	24.00	1
		12	6	22.08	22.09	22.12	24.00	1
		12	13	22.16	22.03	22.06	24.00	1
		25	0	22.03	22.18	22.01	24.00	1
5	16-QAM	1	0	22.19	22.00	22.15	24.00	1
		1	12	22.03	22.14	22.15	24.00	1
		1	24	22.04	22.02	22.18	24.00	1
		12	0	21.05	21.03	21.17	23.00	2
		12	6	21.07	21.03	21.15	23.00	2
		12	13	21.07	21.07	21.20	23.00	2
		25	0	21.16	21.00	21.14	23.00	2
5	64-QAM	1	0	21.16	21.15	21.18	23.00	2
		1	12	21.09	21.02	21.05	23.00	2
		1	24	21.11	21.09	21.03	23.00	2
		12	0	20.04	20.10	20.09	22.00	3
		12	6	20.15	20.05	20.14	22.00	3
		12	13	20.15	20.01	20.16	22.00	3
		25	0	20.06	20.17	20.03	22.00	3
5	256-QAM	1	0	20.05	20.14	20.20	22.00	3
		1	12	20.12	20.06	20.09	22.00	3
		1	24	20.13	20.06	20.07	22.00	3
		12	0	19.02	19.04	19.07	21.00	4
		12	6	19.00	19.12	19.09	21.00	4
		12	13	19.06	19.18	19.01	21.00	4
		25	0	19.09	19.04	19.04	21.00	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	23.19	23.13	23.10	25.00	0
		1	7	23.18	23.12	23.11	25.00	0
		1	14	23.10	23.05	23.06	25.00	0
		8	0	22.05	22.01	22.03	24.00	1
		8	4	22.14	22.17	22.18	24.00	1
		8	7	22.09	22.03	22.10	24.00	1
		15	0	22.06	22.13	22.12	24.00	1
3	16-QAM	1	0	22.11	22.14	22.20	24.00	1
		1	7	22.15	22.04	22.01	24.00	1
		1	14	22.05	22.00	22.15	24.00	1
		8	0	21.18	21.18	21.10	23.00	2
		8	4	21.14	21.09	21.04	23.00	2
		8	7	21.17	21.19	21.07	23.00	2
		15	0	21.08	21.04	21.04	23.00	2
3	64-QAM	1	0	21.18	21.05	21.03	23.00	2
		1	7	21.01	21.20	21.10	23.00	2
		1	14	21.13	21.16	21.14	23.00	2
		8	0	20.10	20.13	20.05	22.00	3
		8	4	20.04	20.08	20.03	22.00	3
		8	7	20.01	20.18	20.19	22.00	3
		15	0	20.08	20.08	20.15	22.00	3
3	256-QAM	1	0	20.12	20.16	20.20	22.00	3
		1	7	20.03	20.03	20.08	22.00	3
		1	14	20.18	20.00	20.19	22.00	3
		8	0	19.11	19.05	19.06	21.00	4
		8	4	19.13	19.15	19.04	21.00	4
		8	7	19.13	19.06	19.00	21.00	4
		15	0	19.06	19.03	19.10	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	23.18	23.19	23.11	25.00	0
		1	2	23.11	23.01	23.14	25.00	0
		1	5	23.08	23.15	23.07	25.00	0
		3	0	23.01	23.09	23.12	25.00	0
		3	2	23.19	23.15	23.18	25.00	0
		3	3	23.09	23.01	23.05	25.00	0
		6	0	22.07	22.18	22.16	24.00	1
1.4	16-QAM	1	0	22.19	22.09	22.17	24.00	1
		1	2	22.16	22.09	22.18	24.00	1
		1	5	22.13	22.06	22.01	24.00	1
		3	0	23.19	23.15	23.18	24.00	1
		3	2	23.03	23.19	23.11	24.00	1
		3	3	23.09	23.08	23.14	24.00	1
		6	0	21.19	21.11	21.14	23.00	2
1.4	64-QAM	1	0	21.09	21.05	21.07	23.00	2
		1	2	21.12	21.03	21.16	23.00	2
		1	5	21.09	21.18	21.04	23.00	2
		3	0	21.15	21.09	21.00	23.00	2
		3	2	21.06	21.03	21.17	23.00	2
		3	3	21.18	21.17	21.07	23.00	2
		6	0	20.19	20.00	20.03	22.00	3
1.4	256-QAM	1	0	20.09	20.04	20.16	22.00	3
		1	2	20.01	20.02	20.09	22.00	3
		1	5	20.20	20.06	20.09	22.00	3
		3	0	21.07	21.10	21.17	22.00	3
		3	2	21.09	21.18	21.03	22.00	3
		3	3	21.05	21.17	21.04	22.00	3
		6	0	19.03	19.19	19.11	21.00	4

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f (886-2) 2298-0488

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				821.5	831.5	841.5		
Channel				26765	26865	26965		
15	QPSK	1	0	23.56	23.51	23.89	25.00	0
		1	36	23.10	23.05	23.05	25.00	0
		1	74	23.12	23.15	23.01	25.00	0
		36	0	23.03	23.02	23.08	24.00	1
		36	18	22.03	22.10	22.16	24.00	1
		36	37	22.02	22.08	22.17	24.00	1
		75	0	22.00	22.01	22.00	24.00	1
15	16-QAM	1	0	22.12	22.08	22.07	24.00	1
		1	36	22.19	22.14	22.09	24.00	1
		1	74	22.17	22.19	22.05	24.00	1
		36	0	22.07	22.02	22.03	23.00	2
		36	18	21.18	21.17	21.17	23.00	2
		36	37	21.00	21.02	21.07	23.00	2
		75	0	21.03	21.17	21.20	23.00	2
15	64-QAM	1	0	21.15	21.05	21.17	23.00	2
		1	36	21.08	21.18	21.19	23.00	2
		1	74	21.07	21.17	21.16	23.00	2
		36	0	21.12	21.13	21.01	22.00	3
		36	18	20.20	20.17	20.12	22.00	3
		36	37	20.06	20.01	20.04	22.00	3
		75	0	20.17	20.09	20.20	22.00	3
15	256-QAM	1	0	20.18	20.19	20.04	22.00	3
		1	36	20.12	20.09	20.15	22.00	3
		1	74	20.13	20.17	20.01	22.00	3
		36	0	20.07	20.04	20.12	21.00	4
		36	18	19.17	19.08	19.16	21.00	4
		36	37	19.12	19.05	19.19	21.00	4
		75	0	19.02	19.12	19.02	21.00	4

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f (886-2) 2298-0488

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	23.20	23.02	23.09	25.00	0
		1	25	23.14	23.13	23.01	25.00	0
		1	49	23.18	23.15	23.19	25.00	0
		25	0	22.03	22.19	22.09	24.00	1
		25	12	22.17	22.12	22.02	24.00	1
		25	25	22.07	22.04	22.05	24.00	1
		50	0	22.09	22.05	22.09	24.00	1
10	16-QAM	1	0	22.18	22.14	22.16	24.00	1
		1	25	22.02	22.14	22.12	24.00	1
		1	49	22.02	22.01	22.19	24.00	1
		25	0	21.09	21.11	21.16	23.00	2
		25	12	21.09	21.17	21.03	23.00	2
		25	25	21.10	21.08	21.06	23.00	2
		50	0	21.11	21.09	21.16	23.00	2
10	64-QAM	1	0	21.07	21.07	21.18	23.00	2
		1	25	21.18	21.03	21.07	23.00	2
		1	49	21.02	21.03	21.09	23.00	2
		25	0	20.16	20.09	20.13	22.00	3
		25	12	20.04	20.06	20.15	22.00	3
		25	25	20.05	20.06	20.06	22.00	3
		50	0	20.18	20.04	20.14	22.00	3
10	256-QAM	1	0	20.10	20.18	20.04	22.00	3
		1	25	20.05	20.06	20.07	22.00	3
		1	49	20.04	20.02	20.06	22.00	3
		25	0	19.17	19.07	19.13	21.00	4
		25	12	19.02	19.02	19.06	21.00	4
		25	25	19.17	19.08	19.12	21.00	4
		50	0	19.12	19.13	19.01	21.00	4

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				26715	26865	27015		
5	QPSK	1	0	23.01	23.16	23.12	25.00	0
		1	12	23.18	23.15	23.13	25.00	0
		1	24	23.19	23.19	23.18	25.00	0
		12	0	22.06	22.00	22.11	24.00	1
		12	6	22.12	22.09	22.13	24.00	1
		12	13	22.16	22.17	22.15	24.00	1
		25	0	22.05	22.20	22.02	24.00	1
5	16-QAM	1	0	22.15	22.05	22.13	24.00	1
		1	12	22.15	22.04	22.13	24.00	1
		1	24	22.03	22.15	22.04	24.00	1
		12	0	21.04	21.15	21.01	23.00	2
		12	6	21.18	21.12	21.13	23.00	2
		12	13	21.15	21.04	21.03	23.00	2
		25	0	21.00	21.11	21.13	23.00	2
5	64-QAM	1	0	21.02	21.14	21.04	23.00	2
		1	12	21.19	21.17	21.16	23.00	2
		1	24	21.20	21.03	21.01	23.00	2
		12	0	20.11	20.00	20.19	22.00	3
		12	6	20.13	20.01	20.15	22.00	3
		12	13	20.06	20.19	20.14	22.00	3
		25	0	20.14	20.13	20.06	22.00	3
5	256-QAM	1	0	20.12	20.20	20.09	22.00	3
		1	12	20.04	20.09	20.08	22.00	3
		1	24	20.16	20.13	20.06	22.00	3
		12	0	19.01	19.10	19.16	21.00	4
		12	6	19.09	19.17	19.08	21.00	4
		12	13	19.17	19.11	19.13	21.00	4
		25	0	19.08	19.13	19.07	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				815.5	831.5	847.5		
Channel				26705	26865	27025		
3	QPSK	1	0	23.08	23.13	23.06	25.00	0
		1	7	23.00	23.08	23.03	25.00	0
		1	14	23.10	23.13	23.03	25.00	0
		8	0	22.03	22.14	22.16	24.00	1
		8	4	22.14	22.07	22.09	24.00	1
		8	7	22.16	22.01	22.09	24.00	1
		15	0	22.16	22.00	22.01	24.00	1
3	16-QAM	1	0	22.07	22.10	22.16	24.00	1
		1	7	22.06	22.19	22.00	24.00	1
		1	14	22.05	22.10	22.03	24.00	1
		8	0	21.14	21.14	21.15	23.00	2
		8	4	21.17	21.07	21.12	23.00	2
		8	7	21.03	21.03	21.09	23.00	2
		15	0	21.01	21.09	21.03	23.00	2
3	64-QAM	1	0	21.12	21.01	21.07	23.00	2
		1	7	21.02	21.01	21.03	23.00	2
		1	14	21.03	21.15	21.01	23.00	2
		8	0	20.15	20.05	20.09	22.00	3
		8	4	20.07	20.05	20.08	22.00	3
		8	7	20.09	20.04	20.11	22.00	3
		15	0	20.07	20.02	20.06	22.00	3
3	256-QAM	1	0	20.08	20.09	20.04	22.00	3
		1	7	20.07	20.06	20.14	22.00	3
		1	14	20.05	20.13	20.18	22.00	3
		8	0	19.15	19.05	19.17	21.00	4
		8	4	19.06	19.15	19.10	21.00	4
		8	7	19.17	19.12	19.03	21.00	4
		15	0	19.17	19.12	19.18	21.00	4

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f (886-2) 2298-0488

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				814.7	831.5	848.3		
Channel				26697	26865	27033		
1.4	QPSK	1	0	23.10	23.16	23.13	25.00	0
		1	2	23.01	23.10	23.06	25.00	0
		1	5	23.12	23.02	23.10	25.00	0
		3	0	23.07	23.02	23.04	25.00	0
		3	2	23.13	23.04	23.15	25.00	0
		3	3	23.13	23.18	23.05	25.00	0
		6	0	22.08	22.15	22.07	24.00	1
1.4	16-QAM	1	0	22.10	22.18	22.07	24.00	1
		1	2	22.20	22.03	22.04	24.00	1
		1	5	22.04	22.03	22.08	24.00	1
		3	0	23.17	23.12	23.19	24.00	1
		3	2	23.07	23.07	23.12	24.00	1
		3	3	23.02	23.04	23.15	24.00	1
		6	0	21.04	21.13	21.05	23.00	2
1.4	64-QAM	1	0	21.16	21.01	21.17	23.00	2
		1	2	21.08	21.17	21.06	23.00	2
		1	5	21.20	21.05	21.06	23.00	2
		3	0	21.14	21.08	21.08	23.00	2
		3	2	21.13	21.17	21.08	23.00	2
		3	3	21.18	21.14	21.20	23.00	2
		6	0	20.17	20.13	20.12	22.00	3
1.4	256-QAM	1	0	20.00	20.11	20.14	22.00	3
		1	2	20.09	20.14	20.05	22.00	3
		1	5	20.09	20.11	20.01	22.00	3
		3	0	21.08	21.05	21.13	22.00	3
		3	2	21.14	21.04	21.03	22.00	3
		3	3	21.17	21.16	21.10	22.00	3
		6	0	19.03	19.19	19.12	21.00	4

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f (886-2) 2298-0488

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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		21.24		23.00	0
		1	25		21.09		23.00	0
		1	49		21.20		23.00	0
		25	0		20.10		22.00	1
		25	12		20.12		22.00	1
		25	25		20.10		22.00	1
		50	0		20.06		22.00	1
10	16-QAM	1	0		20.04		22.00	1
		1	25		20.04		22.00	1
		1	49		20.18		22.00	1
		25	0		19.10		21.00	2
		25	12		19.00		21.00	2
		25	25		19.09		21.00	2
		50	0		19.10		21.00	2
10	64-QAM	1	0		19.12		21.00	2
		1	25		19.08		21.00	2
		1	49		19.15		21.00	2
		25	0		18.10		20.00	3
		25	12		18.00		20.00	3
		25	25		18.12		20.00	3
		50	0		18.09		20.00	3
10	256-QAM	1	0		18.02		20.00	3
		1	25		18.01		20.00	3
		1	49		18.09		20.00	3
		25	0		17.10		19.00	4
		25	12		17.13		19.00	4
		25	25		17.05		19.00	4
		50	0		17.17		19.00	4

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f (886-2) 2298-0488

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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	21.13	21.08	21.12	23.00	0
		1	12	21.09	21.02	21.15	23.00	0
		1	24	21.20	21.13	21.06	23.00	0
		12	0	20.10	20.04	20.07	22.00	1
		12	6	20.17	20.07	20.19	22.00	1
		12	13	20.05	20.10	20.02	22.00	1
		25	0	20.18	20.13	20.15	22.00	1
5	16-QAM	1	0	20.06	20.05	20.00	22.00	1
		1	12	20.05	20.11	20.00	22.00	1
		1	24	20.10	20.15	20.06	22.00	1
		12	0	19.11	19.00	19.07	21.00	2
		12	6	19.10	19.09	19.04	21.00	2
		12	13	19.13	19.13	19.05	21.00	2
		25	0	19.03	19.05	19.04	21.00	2
5	64-QAM	1	0	19.01	19.09	19.11	21.00	2
		1	12	19.12	19.18	19.09	21.00	2
		1	24	19.16	19.06	19.19	21.00	2
		12	0	18.02	18.13	18.03	20.00	3
		12	6	18.11	18.12	18.05	20.00	3
		12	13	18.03	18.13	18.17	20.00	3
		25	0	18.03	18.07	18.18	20.00	3
5	256-QAM	1	0	18.09	18.18	18.14	20.00	3
		1	12	18.14	18.05	18.07	20.00	3
		1	24	18.17	18.06	18.09	20.00	3
		12	0	17.06	17.11	17.17	19.00	4
		12	6	17.03	17.05	17.06	19.00	4
		12	13	17.08	17.01	17.09	19.00	4
		25	0	17.09	17.12	17.17	19.00	4

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f (886-2) 2298-0488

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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	23.38	23.25	23.56	25.00	0
		1	50	23.41	23.41	23.30	25.00	0
		1	99	23.47	23.42	23.39	25.00	0
		50	0	22.35	22.46	22.42	24.00	1
		50	25	22.35	22.48	22.44	24.00	1
		50	50	22.37	22.34	22.47	24.00	1
		100	0	22.31	22.33	22.41	24.00	1
20	16-QAM	1	0	22.36	22.32	22.31	24.00	1
		1	50	22.43	22.40	22.43	24.00	1
		1	99	22.46	22.31	22.49	24.00	1
		50	0	21.49	21.37	21.45	23.00	2
		50	25	21.38	21.38	21.35	23.00	2
		50	50	21.31	21.36	21.33	23.00	2
		100	0	21.50	21.37	21.30	23.00	2
20	64-QAM	1	0	21.43	21.40	21.44	23.00	2
		1	50	21.35	21.37	21.35	23.00	2
		1	99	21.38	21.30	21.47	23.00	2
		50	0	20.37	20.46	20.41	22.00	3
		50	25	20.34	20.42	20.36	22.00	3
		50	50	20.34	20.39	20.37	22.00	3
		100	0	20.32	20.46	20.48	22.00	3
20	256-QAM	1	0	20.42	20.40	20.35	22.00	3
		1	50	20.39	20.38	20.47	22.00	3
		1	99	20.40	20.43	20.40	22.00	3
		50	0	19.31	19.42	19.43	21.00	4
		50	25	19.49	19.36	19.30	21.00	4
		50	50	19.33	19.38	19.40	21.00	4
		100	0	19.41	19.32	19.30	21.00	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)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	23.33	23.42	23.47	25.00	0
		1	36	23.34	23.48	23.50	25.00	0
		1	74	23.38	23.40	23.44	25.00	0
		36	0	22.30	22.46	22.48	24.00	1
		36	18	22.48	22.46	22.32	24.00	1
		36	37	22.39	22.31	22.47	24.00	1
		75	0	22.43	22.31	22.47	24.00	1
15	16-QAM	1	0	22.37	22.37	22.43	24.00	1
		1	36	22.40	22.33	22.42	24.00	1
		1	74	22.30	22.49	22.40	24.00	1
		36	0	21.47	21.45	21.44	23.00	2
		36	18	21.44	21.34	21.46	23.00	2
		36	37	21.44	21.33	21.41	23.00	2
		75	0	21.34	21.46	21.45	23.00	2
15	64-QAM	1	0	21.43	21.37	21.37	23.00	2
		1	36	21.31	21.41	21.33	23.00	2
		1	74	21.48	21.34	21.35	23.00	2
		36	0	20.41	20.49	20.38	22.00	3
		36	18	20.31	20.37	20.38	22.00	3
		36	37	20.47	20.36	20.38	22.00	3
		75	0	20.40	20.37	20.48	22.00	3
15	256-QAM	1	0	20.43	20.36	20.40	22.00	3
		1	36	20.48	20.39	20.37	22.00	3
		1	74	20.39	20.30	20.33	22.00	3
		36	0	19.39	19.33	19.47	21.00	4
		36	18	19.49	19.44	19.40	21.00	4
		36	37	19.41	19.35	19.39	21.00	4
		75	0	19.41	19.32	19.39	21.00	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)				1715	1745	1775		
Channel				132022	132322	132622		
10	QPSK	1	0	23.45	23.35	23.33	25.00	0
		1	25	23.40	23.43	23.45	25.00	0
		1	49	23.49	23.39	23.46	25.00	0
		25	0	22.49	22.38	22.43	24.00	1
		25	12	22.31	22.44	22.32	24.00	1
		25	25	22.37	22.46	22.33	24.00	1
		50	0	22.43	22.48	22.41	24.00	1
10	16-QAM	1	0	22.40	22.36	22.38	24.00	1
		1	25	22.36	22.36	22.32	24.00	1
		1	49	22.40	22.33	22.42	24.00	1
		25	0	21.35	21.48	21.38	23.00	2
		25	12	21.40	21.40	21.41	23.00	2
		25	25	21.47	21.42	21.44	23.00	2
		50	0	21.42	21.44	21.42	23.00	2
10	64-QAM	1	0	21.35	21.44	21.35	23.00	2
		1	25	21.39	21.44	21.44	23.00	2
		1	49	21.33	21.44	21.44	23.00	2
		25	0	20.45	20.38	20.40	22.00	3
		25	12	20.32	20.41	20.33	22.00	3
		25	25	20.47	20.35	20.33	22.00	3
		50	0	20.45	20.46	20.45	22.00	3
10	256-QAM	1	0	20.47	20.49	20.48	22.00	3
		1	25	20.44	20.49	20.38	22.00	3
		1	49	20.34	20.35	20.31	22.00	3
		25	0	19.34	19.49	19.44	21.00	4
		25	12	19.48	19.39	19.35	21.00	4
		25	25	19.43	19.39	19.44	21.00	4
		50	0	19.36	19.37	19.40	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.50	23.40	23.32	25.00	0
		1	12	23.30	23.47	23.36	25.00	0
		1	24	23.43	23.31	23.33	25.00	0
		12	0	22.43	22.33	22.31	24.00	1
		12	6	22.48	22.32	22.41	24.00	1
		12	13	22.33	22.35	22.45	24.00	1
		25	0	22.41	22.39	22.47	24.00	1
5	16-QAM	1	0	22.46	22.42	22.45	24.00	1
		1	12	22.33	22.32	22.39	24.00	1
		1	24	22.32	22.41	22.42	24.00	1
		12	0	21.37	21.35	21.43	23.00	2
		12	6	21.43	21.48	21.34	23.00	2
		12	13	21.49	21.33	21.42	23.00	2
		25	0	21.37	21.34	21.49	23.00	2
5	64-QAM	1	0	21.42	21.33	21.46	23.00	2
		1	12	21.33	21.30	21.44	23.00	2
		1	24	21.47	21.42	21.31	23.00	2
		12	0	20.46	20.42	20.33	22.00	3
		12	6	20.32	20.45	20.41	22.00	3
		12	13	20.31	20.46	20.34	22.00	3
		25	0	20.39	20.42	20.39	22.00	3
5	256-QAM	1	0	20.39	20.44	20.31	22.00	3
		1	12	20.34	20.43	20.37	22.00	3
		1	24	20.33	20.36	20.37	22.00	3
		12	0	19.44	19.43	19.45	21.00	4
		12	6	19.32	19.39	19.38	21.00	4
		12	13	19.44	19.31	19.40	21.00	4
		25	0	19.31	19.39	19.46	21.00	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)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	23.34	23.42	23.46	25.00	0
		1	7	23.37	23.47	23.43	25.00	0
		1	14	23.40	23.41	23.33	25.00	0
		8	0	22.35	22.44	22.46	24.00	1
		8	4	22.46	22.34	22.48	24.00	1
		8	7	22.47	22.40	22.32	24.00	1
		15	0	22.33	22.39	22.34	24.00	1
3	16-QAM	1	0	22.36	22.48	22.45	24.00	1
		1	7	22.45	22.43	22.41	24.00	1
		1	14	22.45	22.37	22.47	24.00	1
		8	0	21.42	21.48	21.50	23.00	2
		8	4	21.37	21.35	21.42	23.00	2
		8	7	21.32	21.42	21.43	23.00	2
		15	0	21.46	21.35	21.36	23.00	2
3	64-QAM	1	0	21.39	21.49	21.40	23.00	2
		1	7	21.32	21.31	21.46	23.00	2
		1	14	21.49	21.41	21.35	23.00	2
		8	0	20.31	20.48	20.43	22.00	3
		8	4	20.48	20.39	20.42	22.00	3
		8	7	20.44	20.49	20.35	22.00	3
		15	0	20.33	20.46	20.35	22.00	3
3	256-QAM	1	0	20.43	20.40	20.46	22.00	3
		1	7	20.48	20.32	20.32	22.00	3
		1	14	20.43	20.34	20.48	22.00	3
		8	0	19.45	19.39	19.48	21.00	4
		8	4	19.34	19.41	19.36	21.00	4
		8	7	19.30	19.34	19.36	21.00	4
		15	0	19.42	19.31	19.33	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.38	23.43	23.49	25.00	0
		1	2	23.36	23.31	23.41	25.00	0
		1	5	23.47	23.42	23.36	25.00	0
		3	0	23.36	23.47	23.43	25.00	0
		3	2	23.49	23.48	23.47	25.00	0
		3	3	23.42	23.43	23.41	25.00	0
		6	0	22.41	22.34	22.30	24.00	1
1.4	16-QAM	1	0	22.32	22.34	22.43	24.00	1
		1	2	22.40	22.32	22.40	24.00	1
		1	5	22.36	22.43	22.41	24.00	1
		3	0	23.31	23.49	23.36	24.00	1
		3	2	23.48	23.42	23.43	24.00	1
		3	3	23.45	23.49	23.35	24.00	1
		6	0	21.34	21.47	21.40	23.00	2
1.4	64-QAM	1	0	21.46	21.33	21.35	23.00	2
		1	2	21.37	21.36	21.41	23.00	2
		1	5	21.50	21.37	21.41	23.00	2
		3	0	22.43	22.42	22.45	23.00	2
		3	2	22.39	22.48	22.35	23.00	2
		3	3	22.36	22.41	22.44	23.00	2
		6	0	20.46	20.30	20.36	22.00	3
1.4	256-QAM	1	0	20.41	20.36	20.48	22.00	3
		1	2	20.33	20.36	20.45	22.00	3
		1	5	20.39	20.49	20.37	22.00	3
		3	0	20.39	20.46	20.38	22.00	3
		3	2	20.47	20.43	20.39	22.00	3
		3	3	20.43	20.32	20.48	22.00	3
		6	0	19.35	19.40	19.43	21.00	4

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f (886-2) 2298-0488

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LTE Band 70								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					1702.5			
Channel					133047			
15	QPSK	1	0		23.27		25.00	0
		1	36		23.00		25.00	0
		1	74		23.14		25.00	0
		36	0		22.11		24.00	1
		36	18		22.10		24.00	1
		36	37		22.04		24.00	1
		75	0		22.08		24.00	1
15	16-QAM	1	0		22.08		24.00	1
		1	36		22.10		24.00	1
		1	74		22.19		24.00	1
		36	0		21.17		23.00	2
		36	18		21.19		23.00	2
		36	37		21.08		23.00	2
		75	0		21.18		23.00	2
15	64-QAM	1	0		21.14		23.00	2
		1	36		21.08		23.00	2
		1	74		21.18		23.00	2
		36	0		20.04		22.00	3
		36	18		20.19		22.00	3
		36	37		20.13		22.00	3
		75	0		20.08		22.00	3
15	256-QAM	1	0		20.17		22.00	3
		1	36		20.17		22.00	3
		1	74		20.11		22.00	3
		36	0		19.01		21.00	4
		36	18		19.13		21.00	4
		36	37		19.11		21.00	4
		75	0		19.13		21.00	4

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f (886-2) 2298-0488

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LTE Band 70								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1700	1702.5	1705		
Channel				133022	133047	133072		
10	QPSK	1	0	23.18	23.18	23.04	25.00	0
		1	25	23.12	23.13	23.04	25.00	0
		1	49	23.14	23.10	23.17	25.00	0
		25	0	22.05	22.05	22.07	24.00	1
		25	12	22.06	22.05	22.20	24.00	1
		25	25	22.14	22.00	22.16	24.00	1
		50	0	22.16	22.12	22.05	24.00	1
10	16-QAM	1	0	22.03	22.01	22.08	24.00	1
		1	25	22.10	22.08	22.06	24.00	1
		1	49	22.03	22.01	22.07	24.00	1
		25	0	21.06	21.01	21.17	23.00	2
		25	12	21.13	21.14	21.06	23.00	2
		25	25	21.14	21.07	21.07	23.00	2
		50	0	21.08	21.17	21.13	23.00	2
10	64-QAM	1	0	21.02	21.01	21.14	23.00	2
		1	25	21.04	21.10	21.08	23.00	2
		1	49	21.07	21.08	21.14	23.00	2
		25	0	20.13	20.08	20.05	22.00	3
		25	12	20.09	20.08	20.12	22.00	3
		25	25	20.04	20.09	20.15	22.00	3
		50	0	20.15	20.06	20.12	22.00	3
10	256-QAM	1	0	20.12	20.12	20.11	22.00	3
		1	25	20.01	20.01	20.03	22.00	3
		1	49	20.00	20.11	20.03	22.00	3
		25	0	19.11	19.12	19.14	21.00	4
		25	12	19.06	19.04	19.04	21.00	4
		25	25	19.06	19.06	19.08	21.00	4
		50	0	19.06	19.14	19.01	21.00	4

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LTE Band 70								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
Channel				132997	133047	133097		
5	QPSK	1	0	23.20	23.02	23.20	25.00	0
		1	12	23.19	23.01	23.09	25.00	0
		1	24	23.15	23.12	23.12	25.00	0
		12	0	22.10	22.09	22.19	24.00	1
		12	6	22.11	22.07	22.14	24.00	1
		12	13	22.09	22.02	22.11	24.00	1
		25	0	22.02	22.09	22.03	24.00	1
5	16-QAM	1	0	22.02	22.12	22.11	24.00	1
		1	12	22.17	22.16	22.14	24.00	1
		1	24	22.01	22.16	22.13	24.00	1
		12	0	21.08	21.09	21.15	23.00	2
		12	6	21.06	21.01	21.06	23.00	2
		12	13	21.04	21.01	21.12	23.00	2
		25	0	21.09	21.02	21.09	23.00	2
5	64-QAM	1	0	21.11	21.04	21.10	23.00	2
		1	12	21.12	21.03	21.16	23.00	2
		1	24	21.05	21.01	21.01	23.00	2
		12	0	20.04	20.11	20.12	22.00	3
		12	6	20.04	20.15	20.00	22.00	3
		12	13	20.11	20.08	20.19	22.00	3
		25	0	20.04	20.18	20.11	22.00	3
5	256-QAM	1	0	20.13	20.09	20.06	22.00	3
		1	12	20.12	20.02	20.09	22.00	3
		1	24	20.15	20.19	20.18	22.00	3
		12	0	19.15	19.18	19.13	21.00	4
		12	6	19.13	19.19	19.19	21.00	4
		12	13	19.05	19.12	19.05	21.00	4
		25	0	19.09	19.15	19.14	21.00	4

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f (886-2) 2298-0488

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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	23.62	24.32	23.72	25.00	0
		1	50	23.18	23.11	23.09	25.00	0
		1	99	23.20	23.08	23.19	25.00	0
		50	0	22.13	22.13	22.04	24.00	1
		50	25	22.06	22.15	22.03	24.00	1
		50	50	22.14	22.04	22.04	24.00	1
		100	0	22.18	22.02	22.04	24.00	1
20	16-QAM	1	0	22.10	22.12	22.01	24.00	1
		1	50	22.11	22.07	22.11	24.00	1
		1	99	22.12	22.16	22.04	24.00	1
		50	0	21.00	21.09	21.18	23.00	2
		50	25	21.02	21.15	21.14	23.00	2
		50	50	21.04	21.06	21.01	23.00	2
		100	0	21.20	21.18	21.19	23.00	2
20	64-QAM	1	0	21.08	21.17	21.02	23.00	2
		1	50	21.04	21.14	21.06	23.00	2
		1	99	21.17	21.18	21.02	23.00	2
		50	0	20.20	20.01	20.12	22.00	3
		50	25	20.05	20.05	20.03	22.00	3
		50	50	20.14	20.08	20.20	22.00	3
		100	0	20.18	20.18	20.10	22.00	3
20	256-QAM	1	0	20.13	20.06	20.06	22.00	3
		1	50	20.14	20.04	20.15	22.00	3
		1	99	20.11	20.02	20.01	22.00	3
		50	0	19.08	19.13	19.10	21.00	4
		50	25	19.06	19.03	19.17	21.00	4
		50	50	19.01	19.11	19.06	21.00	4
		100	0	19.07	19.03	19.12	21.00	4

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.06	23.14	23.00	25.00	0
		1	36	23.16	23.10	23.20	25.00	0
		1	74	23.06	23.12	23.12	25.00	0
		36	0	22.02	22.07	22.06	24.00	1
		36	18	22.09	22.16	22.03	24.00	1
		36	37	22.04	22.19	22.09	24.00	1
		75	0	22.12	22.13	22.02	24.00	1
15	16-QAM	1	0	22.08	22.08	22.13	24.00	1
		1	36	22.13	22.08	22.08	24.00	1
		1	74	22.03	22.18	22.01	24.00	1
		36	0	21.10	21.09	21.08	23.00	2
		36	18	21.00	21.03	21.02	23.00	2
		36	37	21.18	21.04	21.16	23.00	2
		75	0	21.04	21.10	21.17	23.00	2
15	64-QAM	1	0	21.10	21.06	21.14	23.00	2
		1	36	21.04	21.09	21.19	23.00	2
		1	74	21.04	21.12	21.05	23.00	2
		36	0	20.10	20.07	20.14	22.00	3
		36	18	20.01	20.09	20.02	22.00	3
		36	37	20.11	20.04	20.05	22.00	3
		75	0	20.11	20.02	20.16	22.00	3
15	256-QAM	1	0	20.05	20.10	20.20	22.00	3
		1	36	20.15	20.01	20.15	22.00	3
		1	74	20.04	20.06	20.19	22.00	3
		36	0	19.14	19.16	19.10	21.00	4
		36	18	19.17	19.04	19.14	21.00	4
		36	37	19.18	19.16	19.13	21.00	4
		75	0	19.17	19.01	19.18	21.00	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	23.07	23.07	23.13	25.00	0
		1	25	23.20	23.07	23.01	25.00	0
		1	49	23.16	23.01	23.05	25.00	0
		25	0	22.05	22.14	22.08	24.00	1
		25	12	22.12	22.16	22.09	24.00	1
		25	25	22.17	22.01	22.16	24.00	1
		50	0	22.11	22.01	22.06	24.00	1
10	16-QAM	1	0	22.18	22.13	22.20	24.00	1
		1	25	22.16	22.20	22.09	24.00	1
		1	49	22.19	22.05	22.16	24.00	1
		25	0	21.15	21.07	21.16	23.00	2
		25	12	21.18	21.08	21.14	23.00	2
		25	25	21.07	21.04	21.19	23.00	2
		50	0	21.17	21.09	21.06	23.00	2
10	64-QAM	1	0	21.08	21.03	21.00	23.00	2
		1	25	21.10	21.03	21.12	23.00	2
		1	49	21.06	21.17	21.06	23.00	2
		25	0	20.05	20.19	20.20	22.00	3
		25	12	20.09	20.04	20.12	22.00	3
		25	25	20.02	20.18	20.15	22.00	3
		50	0	20.05	20.03	20.01	22.00	3
10	256-QAM	1	0	20.13	20.16	20.08	22.00	3
		1	25	20.07	20.00	20.11	22.00	3
		1	49	20.19	20.03	20.03	22.00	3
		25	0	19.04	19.12	19.18	21.00	4
		25	12	19.09	19.18	19.01	21.00	4
		25	25	19.01	19.05	19.07	21.00	4
		50	0	19.10	19.16	19.17	21.00	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)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	23.07	23.01	23.05	25.00	0
		1	12	23.19	23.02	23.04	25.00	0
		1	24	23.18	23.14	23.09	25.00	0
		12	0	22.03	22.17	22.11	24.00	1
		12	6	22.15	22.03	22.09	24.00	1
		12	13	22.09	22.20	22.02	24.00	1
		25	0	22.02	22.07	22.03	24.00	1
5	16-QAM	1	0	22.19	22.03	22.13	24.00	1
		1	12	22.06	22.18	22.09	24.00	1
		1	24	22.14	22.03	22.15	24.00	1
		12	0	21.09	21.17	21.14	23.00	2
		12	6	21.06	21.00	21.08	23.00	2
		12	13	21.18	21.16	21.03	23.00	2
		25	0	21.05	21.18	21.12	23.00	2
5	64-QAM	1	0	21.01	21.07	21.04	23.00	2
		1	12	21.19	21.04	21.15	23.00	2
		1	24	21.17	21.02	21.12	23.00	2
		12	0	20.10	20.09	20.02	22.00	3
		12	6	20.17	20.18	20.17	22.00	3
		12	13	20.10	20.18	20.06	22.00	3
		25	0	20.06	20.02	20.14	22.00	3
5	256-QAM	1	0	20.01	20.16	20.19	22.00	3
		1	12	20.20	20.05	20.18	22.00	3
		1	24	20.01	20.01	20.00	22.00	3
		12	0	19.17	19.02	19.05	21.00	4
		12	6	19.13	19.00	19.07	21.00	4
		12	13	19.06	19.07	19.10	21.00	4
		25	0	19.06	19.02	19.01	21.00	4

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LTE Band 106								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					899			
Channel					134322			
3	QPSK	1	0		24.92		25.00	0
		1	7		24.72		25.00	0
		1	14		24.61		25.00	0
		8	0		23.68		24.00	1
		8	4		23.78		24.00	1
		8	7		23.73		24.00	1
		15	0		23.70		24.00	1
3	16-QAM	1	0		23.75		24.00	1
		1	7		23.73		24.00	1
		1	14		23.70		24.00	1
		8	0		22.70		23.00	2
		8	4		22.80		23.00	2
		8	7		22.67		23.00	2
		15	0		22.69		23.00	2
3	64-QAM	1	0		22.73		23.00	2
		1	7		22.68		23.00	2
		1	14		22.70		23.00	2
		8	0		21.72		22.00	3
		8	4		21.61		22.00	3
		8	7		21.61		22.00	3
		15	0		21.70		22.00	3
3	256-QAM	1	0		21.79		22.00	3
		1	7		21.73		22.00	3
		1	14		21.72		22.00	3
		8	0		20.61		21.00	4
		8	4		20.80		21.00	4
		8	7		20.75		21.00	4
		15	0		20.62		21.00	4

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LTE Band 106								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				898.2	899	899.8		
Channel				134314	134322	134330		
1.4	QPSK	1	0	24.82	24.79	24.87	25.00	0
		1	2	24.73	24.78	24.75	25.00	0
		1	5	24.78	24.60	24.68	25.00	0
		3	0	23.64	23.78	23.64	25.00	0
		3	2	23.69	23.72	23.73	25.00	0
		3	3	23.80	23.68	23.78	25.00	0
		6	0	23.76	23.70	23.72	24.00	1
1.4	16-QAM	1	0	23.63	23.79	23.78	24.00	1
		1	2	23.71	23.74	23.66	24.00	1
		1	5	23.67	23.77	23.77	24.00	1
		3	0	22.69	22.72	22.72	24.00	1
		3	2	22.80	22.80	22.62	24.00	1
		3	3	22.69	22.74	22.73	24.00	1
		6	0	22.63	22.70	22.74	23.00	2
1.4	64-QAM	1	0	22.77	22.69	22.60	23.00	2
		1	2	22.66	22.64	22.69	23.00	2
		1	5	22.64	22.71	22.79	23.00	2
		3	0	21.64	21.60	21.61	23.00	2
		3	2	21.67	21.76	21.75	23.00	2
		3	3	21.79	21.76	21.76	23.00	2
		6	0	21.65	21.76	21.73	22.00	3
1.4	256-QAM	1	0	21.79	21.79	21.61	22.00	3
		1	2	21.74	21.65	21.66	22.00	3
		1	5	21.70	21.65	21.73	22.00	3
		3	0	20.67	20.65	20.78	22.00	3
		3	2	20.61	20.60	20.68	22.00	3
		3	3	20.69	20.65	20.70	22.00	3
		6	0	20.80	20.73	20.61	21.00	4

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f (886-2) 2298-0488

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7.2 TDD LTE

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	23.41	23.14	23.06	25.00	0
		1	50	23.26	23.03	23.19	25.00	0
		1	99	23.17	23.06	23.00	25.00	0
		50	0	22.19	22.11	22.10	24.00	1
		50	25	22.23	22.15	22.02	24.00	1
		50	50	22.27	22.17	22.12	24.00	1
		100	0	22.18	22.15	22.02	24.00	1
20	16-QAM	1	0	22.25	22.09	22.06	24.00	1
		1	50	22.14	22.19	22.05	24.00	1
		1	99	22.24	22.09	22.11	24.00	1
		50	0	21.10	21.10	21.05	23.00	2
		50	25	21.23	21.05	21.16	23.00	2
		50	50	21.10	21.01	21.12	23.00	2
		100	0	21.17	21.14	21.10	23.00	2
20	64-QAM	1	0	21.26	21.12	21.16	23.00	2
		1	50	21.10	21.09	21.06	23.00	2
		1	99	21.28	21.15	21.06	23.00	2
		50	0	20.21	20.09	20.11	22.00	3
		50	25	20.12	20.00	20.06	22.00	3
		50	50	20.29	20.13	20.07	22.00	3
		100	0	20.20	20.06	20.12	22.00	3
20	256-QAM	1	0	20.12	20.20	20.02	22.00	3
		1	50	20.25	20.19	20.08	22.00	3
		1	99	20.26	20.16	20.06	22.00	3
		50	0	19.16	19.09	19.19	21.00	4
		50	25	19.19	19.13	19.05	21.00	4
		50	50	19.11	19.13	19.16	21.00	4
		100	0	19.12	19.18	19.10	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				37825	38000	38175		
15	QPSK	1	0	23.26	23.14	23.02	25.00	0
		1	36	23.16	23.20	23.00	25.00	0
		1	74	23.24	23.17	23.02	25.00	0
		36	0	22.11	22.17	22.14	24.00	1
		36	18	22.17	22.18	22.05	24.00	1
		36	37	22.28	22.16	22.15	24.00	1
		75	0	22.21	22.01	22.20	24.00	1
15	16-QAM	1	0	22.22	22.16	22.04	24.00	1
		1	36	22.15	22.07	22.12	24.00	1
		1	74	22.23	22.13	22.17	24.00	1
		36	0	21.24	21.18	21.10	23.00	2
		36	18	21.30	21.11	21.19	23.00	2
		36	37	21.30	21.13	21.02	23.00	2
		75	0	21.17	21.08	21.16	23.00	2
15	64-QAM	1	0	21.23	21.03	21.15	23.00	2
		1	36	21.27	21.09	21.07	23.00	2
		1	74	21.14	21.01	21.02	23.00	2
		36	0	20.13	20.12	20.07	22.00	3
		36	18	20.15	20.14	20.13	22.00	3
		36	37	20.22	20.00	20.05	22.00	3
		75	0	20.10	20.16	20.15	22.00	3
15	256-QAM	1	0	20.18	20.14	20.15	22.00	3
		1	36	20.19	20.06	20.18	22.00	3
		1	74	20.18	20.02	20.18	22.00	3
		36	0	19.29	19.09	19.14	21.00	4
		36	18	19.28	19.18	19.03	21.00	4
		36	37	19.28	19.04	19.09	21.00	4
		75	0	19.20	19.17	19.18	21.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575	2595	2615		
Channel				37800	38000	38200		
10	QPSK	1	0	23.29	23.09	23.10	25.00	0
		1	25	23.16	23.15	23.04	25.00	0
		1	49	23.11	23.10	23.11	25.00	0
		25	0	22.24	22.04	22.13	24.00	1
		25	12	22.18	22.09	22.18	24.00	1
		25	25	22.17	22.20	22.00	24.00	1
		50	0	22.24	22.05	22.00	24.00	1
10	16-QAM	1	0	22.24	22.19	22.18	24.00	1
		1	25	22.17	22.16	22.02	24.00	1
		1	49	22.10	22.04	22.05	24.00	1
		25	0	21.24	21.12	21.16	23.00	2
		25	12	21.24	21.03	21.02	23.00	2
		25	25	21.26	21.13	21.14	23.00	2
		50	0	21.16	21.00	21.17	23.00	2
10	64-QAM	1	0	21.29	21.16	21.04	23.00	2
		1	25	21.26	21.08	21.15	23.00	2
		1	49	21.18	21.19	21.00	23.00	2
		25	0	20.29	20.14	20.06	22.00	3
		25	12	20.21	20.06	20.08	22.00	3
		25	25	20.29	20.06	20.18	22.00	3
		50	0	20.14	20.04	20.12	22.00	3
10	256-QAM	1	0	20.28	20.06	20.01	22.00	3
		1	25	20.24	20.15	20.12	22.00	3
		1	49	20.11	20.03	20.01	22.00	3
		25	0	19.15	19.08	19.10	21.00	4
		25	12	19.20	19.18	19.06	21.00	4
		25	25	19.21	19.01	19.10	21.00	4
		50	0	19.22	19.18	19.03	21.00	4

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f (886-2) 2298-0488

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2572.5	2595	2617.5		
Channel				37775	38000	38225		
5	QPSK	1	0	23.11	23.06	23.06	25.00	0
		1	12	23.20	23.07	23.18	25.00	0
		1	24	23.22	23.06	23.15	25.00	0
		12	0	22.25	22.07	22.10	24.00	1
		12	6	22.29	22.16	22.16	24.00	1
		12	13	22.15	22.06	22.12	24.00	1
		25	0	22.20	22.11	22.15	24.00	1
5	16-QAM	1	0	22.17	22.17	22.12	24.00	1
		1	12	22.13	22.03	22.02	24.00	1
		1	24	22.29	22.06	22.05	24.00	1
		12	0	21.12	21.06	21.10	23.00	2
		12	6	21.20	21.08	21.07	23.00	2
		12	13	21.23	21.08	21.08	23.00	2
		25	0	21.15	21.10	21.13	23.00	2
5	64-QAM	1	0	21.15	21.17	21.08	23.00	2
		1	12	21.24	21.02	21.07	23.00	2
		1	24	21.14	21.04	21.19	23.00	2
		12	0	20.20	20.04	20.14	22.00	3
		12	6	20.12	20.09	20.05	22.00	3
		12	13	20.28	20.18	20.17	22.00	3
		25	0	20.14	20.16	20.02	22.00	3
5	256-QAM	1	0	20.27	20.10	20.16	22.00	3
		1	12	20.11	20.02	20.15	22.00	3
		1	24	20.28	20.11	20.09	22.00	3
		12	0	19.25	19.12	19.19	21.00	4
		12	6	19.26	19.00	19.16	21.00	4
		12	13	19.11	19.15	19.07	21.00	4
		25	0	19.13	19.10	19.15	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)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	23.05	23.06	23.11	23.08	23.25	25.00	0
		1	50	23.18	23.14	23.13	23.17	23.17	25.00	0
		1	99	23.21	23.18	23.14	23.18	23.18	25.00	0
		50	0	22.15	22.13	22.25	22.03	22.20	24.00	1
		50	25	22.28	22.00	22.20	22.08	22.08	24.00	1
		50	50	22.30	22.10	22.11	22.12	22.02	24.00	1
		100	0	22.15	22.11	22.13	22.16	22.14	24.00	1
20	16-QAM	1	0	22.16	22.09	22.26	22.10	22.11	24.00	1
		1	50	22.13	22.20	22.15	22.07	22.16	24.00	1
		1	99	22.18	22.07	22.22	22.10	22.10	24.00	1
		50	0	21.23	21.14	21.29	21.17	21.06	23.00	2
		50	25	21.10	21.20	21.30	21.11	21.18	23.00	2
		50	50	21.27	21.13	21.28	21.04	21.04	23.00	2
		100	0	21.29	21.04	21.10	21.20	21.11	23.00	2
20	64-QAM	1	0	21.28	21.12	21.12	21.11	21.01	23.00	2
		1	50	21.28	21.19	21.21	21.16	21.08	23.00	2
		1	99	21.25	21.02	21.11	21.12	21.19	23.00	2
		50	0	20.27	20.03	20.24	20.13	20.11	22.00	3
		50	25	20.29	20.10	20.16	20.17	20.18	22.00	3
		50	50	20.20	20.02	20.25	20.12	20.12	22.00	3
		100	0	20.21	20.05	20.17	20.01	20.18	22.00	3
20	256-QAM	1	0	20.15	20.12	20.21	20.04	20.10	22.00	3
		1	50	20.26	20.06	20.29	20.01	20.05	22.00	3
		1	99	20.15	20.05	20.12	20.20	20.05	22.00	3
		50	0	19.24	19.04	19.25	19.14	19.05	21.00	4
		50	25	19.18	19.05	19.23	19.20	19.11	21.00	4
		50	50	19.13	19.15	19.10	19.15	19.14	21.00	4
		100	0	19.13	19.15	19.17	19.17	19.03	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	23.16	23.19	23.20	23.15	23.06	25.00	0
		1	36	23.18	23.18	23.15	23.04	23.08	25.00	0
		1	74	23.20	23.10	23.19	23.12	23.17	25.00	0
		36	0	22.03	22.13	22.09	22.13	22.21	24.00	1
		36	18	22.07	22.21	22.16	22.07	22.05	24.00	1
		36	37	22.17	22.09	22.10	22.19	22.08	24.00	1
15	16-QAM	75	0	22.03	22.07	22.17	22.09	22.17	24.00	1
		1	0	22.02	22.12	22.03	22.05	22.13	24.00	1
		1	36	22.08	22.20	22.06	22.18	22.19	24.00	1
		1	74	22.21	22.21	22.16	22.16	22.14	24.00	1
		36	0	21.08	21.16	21.20	21.13	21.19	23.00	2
		36	18	21.13	21.20	21.14	21.03	21.05	23.00	2
15	64-QAM	36	37	21.05	21.18	21.17	21.04	21.18	23.00	2
		75	0	21.03	21.20	21.16	21.21	21.15	23.00	2
		1	0	21.17	21.19	21.07	21.20	21.21	23.00	2
		1	36	21.21	21.10	21.20	21.19	21.19	23.00	2
		1	74	21.12	21.12	21.18	21.12	21.22	23.00	2
		36	0	20.10	20.18	20.07	20.21	20.08	22.00	3
15	256-QAM	36	18	20.09	20.19	20.10	20.06	20.07	22.00	3
		36	37	20.20	20.03	20.04	20.19	20.04	22.00	3
		75	0	20.05	20.05	20.20	20.21	20.13	22.00	3
		1	0	20.08	20.19	20.18	20.15	20.21	22.00	3
		1	36	20.19	20.08	20.13	20.16	20.14	22.00	3
		1	74	20.03	20.17	20.11	20.22	20.06	22.00	3
15		36	0	19.05	19.03	19.05	19.09	19.07	21.00	4
		36	18	19.10	19.08	19.21	19.22	19.07	21.00	4
		36	37	19.17	19.04	19.13	19.14	19.07	21.00	4
		75	0	19.12	19.21	19.22	19.06	19.20	21.00	4

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Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	23.03	23.07	23.18	23.19	23.14	25.00	0
		1	25	23.14	23.02	23.08	23.05	23.04	25.00	0
		1	49	23.15	23.21	23.11	23.20	23.04	25.00	0
		25	0	22.21	22.04	22.12	22.04	22.21	24.00	1
		25	12	22.17	22.09	22.11	22.18	22.17	24.00	1
		25	25	22.13	22.20	22.17	22.17	22.04	24.00	1
10	16-QAM	50	0	22.06	22.05	22.11	22.09	22.18	24.00	1
		1	0	22.05	22.17	22.21	22.07	22.15	24.00	1
		1	25	22.12	22.16	22.19	22.15	22.17	24.00	1
		1	49	22.06	22.11	22.18	22.10	22.13	24.00	1
		25	0	21.20	21.20	21.09	21.17	21.17	23.00	2
		25	12	21.17	21.03	21.17	21.04	21.06	23.00	2
10	64-QAM	25	25	21.17	21.07	21.13	21.21	21.02	23.00	2
		50	0	21.04	21.15	21.15	21.03	21.09	23.00	2
		1	0	21.15	21.16	21.19	21.12	21.14	23.00	2
		1	25	21.08	21.17	21.09	21.05	21.22	23.00	2
		1	49	21.03	21.07	21.04	21.03	21.15	23.00	2
		25	0	20.03	20.02	20.03	20.03	20.18	22.00	3
10	256-QAM	25	12	20.11	20.02	20.22	20.05	20.18	22.00	3
		25	25	20.14	20.06	20.18	20.18	20.06	22.00	3
		50	0	20.08	20.13	20.04	20.16	20.08	22.00	3
		1	0	20.20	20.10	20.16	20.08	20.02	22.00	3
		1	25	20.09	20.17	20.03	20.20	20.12	22.00	3
		1	49	20.03	20.20	20.17	20.06	20.17	22.00	3
10		25	0	19.14	19.21	19.16	19.05	19.03	21.00	4
		25	12	19.18	19.18	19.13	19.10	19.16	21.00	4
		25	25	19.12	19.07	19.08	19.17	19.11	21.00	4
		50	0	19.06	19.08	19.13	19.20	19.11	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.02	23.15	23.09	23.09	23.19	25.00	0
		1	12	23.22	23.07	23.16	23.08	23.07	25.00	0
		1	24	23.04	23.21	23.17	23.16	23.12	25.00	0
		12	0	22.15	22.04	22.05	22.08	22.12	24.00	1
		12	6	22.20	22.21	22.19	22.03	22.05	24.00	1
		12	13	22.06	22.14	22.12	22.20	22.22	24.00	1
5	16-QAM	25	0	22.14	22.11	22.16	22.04	22.04	24.00	1
		1	0	22.21	22.03	22.19	22.02	22.20	24.00	1
		1	12	22.21	22.13	22.21	22.04	22.19	24.00	1
		1	24	22.12	22.22	22.08	22.05	22.20	24.00	1
		12	0	21.13	21.02	21.17	21.10	21.03	23.00	2
		12	6	21.11	21.02	21.17	21.08	21.16	23.00	2
5	64-QAM	12	13	21.19	21.13	21.07	21.16	21.11	23.00	2
		25	0	21.13	21.22	21.21	21.19	21.21	23.00	2
		1	0	21.18	21.03	21.15	21.14	21.17	23.00	2
		1	12	21.06	21.20	21.10	21.05	21.17	23.00	2
		1	24	21.04	21.21	21.17	21.14	21.04	23.00	2
		12	0	20.19	20.04	20.10	20.22	20.13	22.00	3
5	256-QAM	12	6	20.02	20.14	20.12	20.20	20.22	22.00	3
		12	13	20.18	20.12	20.18	20.11	20.13	22.00	3
		25	0	20.05	20.17	20.17	20.17	20.19	22.00	3
		1	0	20.04	20.12	20.09	20.03	20.09	22.00	3
		1	12	20.10	20.22	20.08	20.03	20.17	22.00	3
		1	24	20.15	20.19	20.05	20.18	20.10	22.00	3
5		12	0	19.20	19.12	19.19	19.06	19.04	21.00	4
		12	6	19.22	19.17	19.22	19.19	19.19	21.00	4
		12	13	19.05	19.07	19.12	19.05	19.02	21.00	4
		25	0	19.04	19.16	19.19	19.12	19.04	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460	3500	3540		
Channel				42190	42590	42990		
20	QPSK	1	0	21.64	21.72	21.52	22.00	0
		1	50	21.43	21.40	21.42	22.00	0
		1	99	21.46	21.31	21.38	22.00	0
		50	0	20.44	20.32	20.36	21.00	1
		50	25	20.32	20.36	20.47	21.00	1
		50	50	20.40	20.45	20.50	21.00	1
		100	0	20.44	20.43	20.39	21.00	1
20	16-QAM	1	0	20.40	20.36	20.48	21.00	1
		1	50	20.36	20.50	20.43	21.00	1
		1	99	20.33	20.50	20.49	21.00	1
		50	0	19.38	19.38	19.48	20.00	2
		50	25	19.39	19.36	19.31	20.00	2
		50	50	19.48	19.33	19.45	20.00	2
		100	0	19.42	19.31	19.50	20.00	2
20	64-QAM	1	0	19.46	19.37	19.31	20.00	2
		1	50	19.43	19.34	19.33	20.00	2
		1	99	19.38	19.49	19.46	20.00	2
		50	0	18.42	18.46	18.34	19.00	3
		50	25	18.49	18.45	18.49	19.00	3
		50	50	18.39	18.33	18.48	19.00	3
		100	0	18.48	18.48	18.33	19.00	3
20	256-QAM	1	0	18.49	18.31	18.45	19.00	3
		1	50	18.46	18.43	18.35	19.00	3
		1	99	18.49	18.50	18.33	19.00	3
		50	0	17.47	17.45	17.46	18.00	4
		50	25	17.46	17.46	17.32	18.00	4
		50	50	17.34	17.44	17.44	18.00	4
		100	0	17.44	17.45	17.45	18.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500	3542.5		
Channel				42165	42590	43015		
15	QPSK	1	0	21.43	21.35	21.47	22.00	0
		1	36	21.32	21.36	21.36	22.00	0
		1	74	21.43	21.42	21.35	22.00	0
		36	0	20.39	20.46	20.43	21.00	1
		36	18	20.48	20.42	20.32	21.00	1
		36	37	20.40	20.37	20.39	21.00	1
		75	0	20.50	20.31	20.34	21.00	1
15	16-QAM	1	0	20.35	20.32	20.49	21.00	1
		1	36	20.42	20.38	20.44	21.00	1
		1	74	20.32	20.36	20.32	21.00	1
		36	0	19.31	19.49	19.38	20.00	2
		36	18	19.36	19.37	19.45	20.00	2
		36	37	19.50	19.37	19.48	20.00	2
		75	0	19.41	19.48	19.45	20.00	2
15	64-QAM	1	0	19.46	19.44	19.49	20.00	2
		1	36	19.35	19.35	19.40	20.00	2
		1	74	19.49	19.42	19.49	20.00	2
		36	0	18.34	18.39	18.45	19.00	3
		36	18	18.36	18.39	18.47	19.00	3
		36	37	18.41	18.43	18.36	19.00	3
		75	0	18.41	18.48	18.35	19.00	3
15	256-QAM	1	0	18.32	18.45	18.50	19.00	3
		1	36	18.40	18.39	18.34	19.00	3
		1	74	18.35	18.40	18.41	19.00	3
		36	0	17.44	17.41	17.36	18.00	4
		36	18	17.39	17.48	17.43	18.00	4
		36	37	17.31	17.42	17.44	18.00	4
		75	0	17.48	17.39	17.30	18.00	4

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f (886-2) 2298-0488

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	21.44	21.37	21.49	22.00	0
		1	25	21.37	21.31	21.45	22.00	0
		1	49	21.33	21.33	21.50	22.00	0
		25	0	20.37	20.47	20.42	21.00	1
		25	12	20.39	20.35	20.47	21.00	1
		25	25	20.38	20.31	20.39	21.00	1
		50	0	20.40	20.49	20.42	21.00	1
10	16-QAM	1	0	20.43	20.31	20.43	21.00	1
		1	25	20.42	20.36	20.45	21.00	1
		1	49	20.37	20.41	20.34	21.00	1
		25	0	19.39	19.46	19.45	20.00	2
		25	12	19.31	19.44	19.40	20.00	2
		25	25	19.48	19.31	19.36	20.00	2
		50	0	19.38	19.39	19.37	20.00	2
10	64-QAM	1	0	19.41	19.36	19.49	20.00	2
		1	25	19.32	19.35	19.43	20.00	2
		1	49	19.41	19.37	19.39	20.00	2
		25	0	18.34	18.37	18.36	19.00	3
		25	12	18.49	18.40	18.39	19.00	3
		25	25	18.47	18.36	18.33	19.00	3
		50	0	18.37	18.46	18.30	19.00	3
10	256-QAM	1	0	18.38	18.42	18.37	19.00	3
		1	25	18.41	18.31	18.33	19.00	3
		1	49	18.42	18.36	18.32	19.00	3
		25	0	17.50	17.42	17.36	18.00	4
		25	12	17.50	17.35	17.35	18.00	4
		25	25	17.46	17.37	17.33	18.00	4
		50	0	17.47	17.32	17.45	18.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	21.42	21.42	21.42	22.00	0
		1	12	21.46	21.44	21.43	22.00	0
		1	24	21.31	21.49	21.34	22.00	0
		12	0	20.36	20.41	20.41	21.00	1
		12	6	20.42	20.36	20.31	21.00	1
		12	13	20.45	20.32	20.37	21.00	1
		25	0	20.37	20.48	20.35	21.00	1
5	16-QAM	1	0	20.45	20.43	20.42	21.00	1
		1	12	20.47	20.33	20.40	21.00	1
		1	24	20.45	20.38	20.30	21.00	1
		12	0	19.36	19.38	19.30	20.00	2
		12	6	19.43	19.32	19.45	20.00	2
		12	13	19.42	19.41	19.31	20.00	2
		25	0	19.47	19.40	19.36	20.00	2
5	64-QAM	1	0	19.44	19.37	19.40	20.00	2
		1	12	19.49	19.33	19.35	20.00	2
		1	24	19.46	19.33	19.44	20.00	2
		12	0	18.48	18.42	18.46	19.00	3
		12	6	18.45	18.42	18.44	19.00	3
		12	13	18.37	18.48	18.46	19.00	3
		25	0	18.48	18.33	18.31	19.00	3
5	256-QAM	1	0	18.36	18.33	18.45	19.00	3
		1	12	18.41	18.36	18.49	19.00	3
		1	24	18.37	18.46	18.37	19.00	3
		12	0	17.41	17.41	17.41	18.00	4
		12	6	17.50	17.31	17.48	18.00	4
		12	13	17.37	17.31	17.36	18.00	4
		25	0	17.40	17.46	17.40	18.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3575	3590		
Channel				43190	43340	43490		
20	QPSK	1	0	21.59	21.61	21.36	22.00	0
		1	50	21.43	21.50	21.35	22.00	0
		1	99	21.35	21.46	21.35	22.00	0
		50	0	20.46	20.33	20.34	21.00	1
		50	25	20.35	20.48	20.40	21.00	1
		50	50	20.40	20.36	20.30	21.00	1
		100	0	20.41	20.43	20.46	21.00	1
20	16-QAM	1	0	20.32	20.33	20.38	21.00	1
		1	50	20.39	20.38	20.36	21.00	1
		1	99	20.39	20.45	20.43	21.00	1
		50	0	19.46	19.39	19.43	20.00	2
		50	25	19.32	19.33	19.45	20.00	2
		50	50	19.38	19.44	19.42	20.00	2
		100	0	19.40	19.34	19.36	20.00	2
20	64-QAM	1	0	19.47	19.47	19.49	20.00	2
		1	50	19.50	19.33	19.38	20.00	2
		1	99	19.34	19.43	19.36	20.00	2
		50	0	18.42	18.43	18.42	19.00	3
		50	25	18.49	18.32	18.40	19.00	3
		50	50	18.45	18.30	18.39	19.00	3
		100	0	18.40	18.44	18.46	19.00	3
20	256-QAM	1	0	18.46	18.41	18.50	19.00	3
		1	50	18.38	18.43	18.32	19.00	3
		1	99	18.32	18.36	18.42	19.00	3
		50	0	17.42	17.34	17.36	18.00	4
		50	25	17.31	17.47	17.42	18.00	4
		50	50	17.35	17.48	17.36	18.00	4
		100	0	17.47	17.38	17.34	18.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3575	3592.5		
Channel				43165	43340	43515		
15	QPSK	1	0	21.41	21.39	21.38	22.00	0
		1	36	21.42	21.41	21.43	22.00	0
		1	74	21.50	21.49	21.34	22.00	0
		36	0	20.34	20.30	20.38	21.00	1
		36	18	20.47	20.44	20.34	21.00	1
		36	37	20.36	20.32	20.37	21.00	1
		75	0	20.49	20.47	20.42	21.00	1
15	16-QAM	1	0	20.35	20.48	20.31	21.00	1
		1	36	20.37	20.37	20.43	21.00	1
		1	74	20.39	20.49	20.33	21.00	1
		36	0	19.34	19.36	19.45	20.00	2
		36	18	19.47	19.39	19.40	20.00	2
		36	37	19.37	19.49	19.48	20.00	2
		75	0	19.39	19.36	19.47	20.00	2
15	64-QAM	1	0	19.40	19.30	19.39	20.00	2
		1	36	19.44	19.43	19.45	20.00	2
		1	74	19.43	19.42	19.41	20.00	2
		36	0	18.44	18.43	18.43	19.00	3
		36	18	18.45	18.35	18.40	19.00	3
		36	37	18.45	18.38	18.33	19.00	3
		75	0	18.32	18.31	18.45	19.00	3
15	256-QAM	1	0	18.37	18.37	18.45	19.00	3
		1	36	18.42	18.36	18.47	19.00	3
		1	74	18.38	18.43	18.49	19.00	3
		36	0	17.31	17.50	17.37	18.00	4
		36	18	17.33	17.49	17.39	18.00	4
		36	37	17.40	17.46	17.40	18.00	4
		75	0	17.31	17.43	17.45	18.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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)				3555	3575	3595		
Channel				43140	43340	43540		
10	QPSK	1	0	21.30	21.36	21.45	22.00	0
		1	25	21.34	21.33	21.33	22.00	0
		1	49	21.31	21.44	21.35	22.00	0
		25	0	20.43	20.49	20.33	21.00	1
		25	12	20.37	20.34	20.34	21.00	1
		25	25	20.48	20.34	20.38	21.00	1
		50	0	20.36	20.35	20.39	21.00	1
10	16-QAM	1	0	20.49	20.45	20.47	21.00	1
		1	25	20.38	20.45	20.46	21.00	1
		1	49	20.38	20.43	20.45	21.00	1
		25	0	19.31	19.32	19.44	20.00	2
		25	12	19.50	19.36	19.33	20.00	2
		25	25	19.37	19.46	19.34	20.00	2
		50	0	19.44	19.31	19.39	20.00	2
10	64-QAM	1	0	19.33	19.44	19.37	20.00	2
		1	25	19.31	19.46	19.49	20.00	2
		1	49	19.40	19.39	19.48	20.00	2
		25	0	18.42	18.30	18.31	19.00	3
		25	12	18.32	18.44	18.41	19.00	3
		25	25	18.34	18.38	18.31	19.00	3
		50	0	18.50	18.32	18.46	19.00	3
10	256-QAM	1	0	18.41	18.40	18.47	19.00	3
		1	25	18.38	18.46	18.48	19.00	3
		1	49	18.39	18.48	18.43	19.00	3
		25	0	17.38	17.38	17.36	18.00	4
		25	12	17.48	17.45	17.48	18.00	4
		25	25	17.34	17.44	17.42	18.00	4
		50	0	17.46	17.31	17.43	18.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3575	3597.5		
Channel				43115	43340	43565		
5	QPSK	1	0	21.44	21.42	21.39	22.00	0
		1	12	21.40	21.38	21.33	22.00	0
		1	24	21.49	21.42	21.31	22.00	0
		12	0	20.31	20.38	20.44	21.00	1
		12	6	20.39	20.37	20.35	21.00	1
		12	13	20.40	20.37	20.40	21.00	1
		25	0	20.47	20.48	20.47	21.00	1
5	16-QAM	1	0	20.50	20.36	20.33	21.00	1
		1	12	20.34	20.33	20.43	21.00	1
		1	24	20.36	20.43	20.46	21.00	1
		12	0	19.45	19.45	19.47	20.00	2
		12	6	19.43	19.41	19.43	20.00	2
		12	13	19.43	19.48	19.32	20.00	2
		25	0	19.38	19.49	19.46	20.00	2
5	64-QAM	1	0	19.45	19.31	19.49	20.00	2
		1	12	19.50	19.47	19.37	20.00	2
		1	24	19.45	19.34	19.45	20.00	2
		12	0	18.46	18.30	18.30	19.00	3
		12	6	18.31	18.40	18.34	19.00	3
		12	13	18.41	18.46	18.33	19.00	3
		25	0	18.33	18.49	18.45	19.00	3
5	256-QAM	1	0	18.43	18.44	18.42	19.00	3
		1	12	18.46	18.41	18.49	19.00	3
		1	24	18.42	18.37	18.49	19.00	3
		12	0	17.42	17.30	17.38	18.00	4
		12	6	17.44	17.32	17.47	18.00	4
		12	13	17.48	17.43	17.39	18.00	4
		25	0	17.37	17.39	17.38	18.00	4

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f (886-2) 2298-0488

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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)				3610	3650	3690		
Channel				43690	44090	44490		
20	QPSK	1	0	21.39	21.58	21.12	22.00	0
		1	50	21.33	21.30	21.39	22.00	0
		1	99	21.49	21.34	21.30	22.00	0
		50	0	20.40	20.33	20.43	21.00	1
		50	25	20.45	20.36	20.44	21.00	1
		50	50	20.32	20.47	20.42	21.00	1
		100	0	20.35	20.49	20.37	21.00	1
20	16-QAM	1	0	20.39	20.30	20.44	21.00	1
		1	50	20.41	20.43	20.44	21.00	1
		1	99	20.38	20.39	20.45	21.00	1
		50	0	19.31	19.44	19.44	20.00	2
		50	25	19.36	19.35	19.41	20.00	2
		50	50	19.33	19.41	19.46	20.00	2
		100	0	19.38	19.33	19.46	20.00	2
20	64-QAM	1	0	19.33	19.49	19.40	20.00	2
		1	50	19.36	19.37	19.43	20.00	2
		1	99	19.43	19.34	19.32	20.00	2
		50	0	18.41	18.34	18.35	19.00	3
		50	25	18.38	18.35	18.33	19.00	3
		50	50	18.35	18.38	18.37	19.00	3
		100	0	18.43	18.36	18.50	19.00	3
20	256-QAM	1	0	18.45	18.42	18.41	19.00	3
		1	50	18.41	18.39	18.35	19.00	3
		1	99	18.38	18.36	18.31	19.00	3
		50	0	17.46	17.38	17.40	18.00	4
		50	25	17.39	17.47	17.50	18.00	4
		50	50	17.50	17.35	17.33	18.00	4
		100	0	17.46	17.39	17.43	18.00	4

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f (886-2) 2298-0488

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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)				3607.5	3650	3692.5		
Channel				43665	44090	44515		
15	QPSK	1	0	21.34	21.36	21.42	22.00	0
		1	36	21.38	21.47	21.34	22.00	0
		1	74	21.39	21.45	21.37	22.00	0
		36	0	20.34	20.32	20.36	21.00	1
		36	18	20.31	20.46	20.33	21.00	1
		36	37	20.35	20.42	20.39	21.00	1
		75	0	20.36	20.32	20.42	21.00	1
15	16-QAM	1	0	20.49	20.46	20.38	21.00	1
		1	36	20.36	20.35	20.32	21.00	1
		1	74	20.49	20.40	20.30	21.00	1
		36	0	19.41	19.48	19.49	20.00	2
		36	18	19.43	19.46	19.34	20.00	2
		36	37	19.48	19.38	19.39	20.00	2
		75	0	19.32	19.46	19.31	20.00	2
15	64-QAM	1	0	19.33	19.43	19.48	20.00	2
		1	36	19.49	19.47	19.31	20.00	2
		1	74	19.41	19.47	19.47	20.00	2
		36	0	18.40	18.48	18.33	19.00	3
		36	18	18.43	18.41	18.33	19.00	3
		36	37	18.31	18.31	18.39	19.00	3
		75	0	18.47	18.34	18.46	19.00	3
15	256-QAM	1	0	18.39	18.33	18.48	19.00	3
		1	36	18.40	18.41	18.32	19.00	3
		1	74	18.31	18.32	18.41	19.00	3
		36	0	17.48	17.35	17.32	18.00	4
		36	18	17.39	17.41	17.35	18.00	4
		36	37	17.42	17.43	17.45	18.00	4
		75	0	17.39	17.45	17.36	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3605	3650	3695		
Channel				43640	44090	44540		
10	QPSK	1	0	21.37	21.43	21.37	22.00	0
		1	25	21.41	21.32	21.40	22.00	0
		1	49	21.44	21.41	21.50	22.00	0
		25	0	20.42	20.32	20.48	21.00	1
		25	12	20.35	20.47	20.35	21.00	1
		25	25	20.31	20.39	20.38	21.00	1
		50	0	20.42	20.45	20.36	21.00	1
10	16-QAM	1	0	20.45	20.37	20.47	21.00	1
		1	25	20.44	20.33	20.43	21.00	1
		1	49	20.46	20.34	20.36	21.00	1
		25	0	19.39	19.32	19.32	20.00	2
		25	12	19.30	19.41	19.32	20.00	2
		25	25	19.36	19.31	19.34	20.00	2
		50	0	19.43	19.37	19.32	20.00	2
10	64-QAM	1	0	19.33	19.39	19.45	20.00	2
		1	25	19.34	19.42	19.47	20.00	2
		1	49	19.45	19.31	19.33	20.00	2
		25	0	18.44	18.46	18.42	19.00	3
		25	12	18.50	18.34	18.37	19.00	3
		25	25	18.38	18.35	18.44	19.00	3
		50	0	18.37	18.38	18.33	19.00	3
10	256-QAM	1	0	18.33	18.31	18.48	19.00	3
		1	25	18.34	18.37	18.36	19.00	3
		1	49	18.46	18.35	18.33	19.00	3
		25	0	17.34	17.35	17.37	18.00	4
		25	12	17.50	17.44	17.41	18.00	4
		25	25	17.44	17.43	17.37	18.00	4
		50	0	17.40	17.41	17.38	18.00	4

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3602.5	3650	3697.5		
Channel				43615	44090	44565		
5	QPSK	1	0	21.39	21.47	21.40	22.00	0
		1	12	21.44	21.48	21.31	22.00	0
		1	24	21.39	21.39	21.47	22.00	0
		12	0	20.46	20.43	20.44	21.00	1
		12	6	20.38	20.50	20.38	21.00	1
		12	13	20.40	20.40	20.47	21.00	1
		25	0	20.48	20.32	20.34	21.00	1
5	16-QAM	1	0	20.45	20.35	20.48	21.00	1
		1	12	20.43	20.34	20.34	21.00	1
		1	24	20.50	20.43	20.34	21.00	1
		12	0	19.46	19.42	19.36	20.00	2
		12	6	19.48	19.36	19.45	20.00	2
		12	13	19.41	19.42	19.31	20.00	2
		25	0	19.36	19.50	19.30	20.00	2
5	64-QAM	1	0	19.46	19.42	19.40	20.00	2
		1	12	19.34	19.35	19.37	20.00	2
		1	24	19.31	19.48	19.31	20.00	2
		12	0	18.46	18.46	18.45	19.00	3
		12	6	18.46	18.48	18.46	19.00	3
		12	13	18.41	18.36	18.31	19.00	3
		25	0	18.47	18.39	18.31	19.00	3
5	256-QAM	1	0	18.41	18.38	18.47	19.00	3
		1	12	18.41	18.40	18.42	19.00	3
		1	24	18.48	18.33	18.50	19.00	3
		12	0	17.31	17.36	17.39	18.00	4
		12	6	17.48	17.48	17.30	18.00	4
		12	13	17.44	17.37	17.45	18.00	4
		25	0	17.31	17.40	17.43	18.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	21.78	21.58	21.49	21.07	22.00	0
		1	50	21.42	21.48	21.43	21.39	22.00	0
		1	99	21.34	21.40	21.31	21.40	22.00	0
		50	0	20.45	20.44	20.39	20.45	21.00	1
		50	25	20.47	20.43	20.33	20.35	21.00	1
		50	50	20.30	20.42	20.39	20.32	21.00	1
		100	0	20.38	20.42	20.31	20.31	21.00	1
20	16-QAM	1	0	20.33	20.45	20.48	20.45	21.00	1
		1	50	20.45	20.43	20.37	20.44	21.00	1
		1	99	20.35	20.38	20.42	20.39	21.00	1
		50	0	19.45	19.39	19.44	19.44	20.00	2
		50	25	19.36	19.50	19.49	19.40	20.00	2
		50	50	19.46	19.48	19.30	19.34	20.00	2
		100	0	19.43	19.36	19.43	19.43	20.00	2
20	64-QAM	1	0	19.44	19.47	19.32	19.43	20.00	2
		1	50	19.41	19.38	19.31	19.50	20.00	2
		1	99	19.34	19.41	19.36	19.34	20.00	2
		50	0	18.35	18.44	18.31	18.42	19.00	3
		50	25	18.39	18.44	18.43	18.36	19.00	3
		50	50	18.34	18.41	18.39	18.50	19.00	3
		100	0	18.50	18.40	18.48	18.32	19.00	3
20	256-QAM	1	0	18.32	18.37	18.48	18.37	19.00	3
		1	50	18.47	18.31	18.45	18.37	19.00	3
		1	99	18.34	18.36	18.46	18.45	19.00	3
		50	0	17.42	17.45	17.47	17.33	18.00	4
		50	25	17.35	17.38	17.40	17.30	18.00	4
		50	50	17.36	17.46	17.46	17.49	18.00	4
		100	0	17.34	17.46	17.43	17.30	18.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	21.46	21.34	21.41	21.45	22.00	0
		1	36	21.37	21.46	21.34	21.33	22.00	0
		1	74	21.41	21.36	21.34	21.35	22.00	0
		36	0	20.44	20.46	20.44	20.45	21.00	1
		36	18	20.46	20.48	20.35	20.45	21.00	1
		36	37	20.35	20.30	20.38	20.48	21.00	1
		75	0	20.32	20.33	20.32	20.38	21.00	1
15	16-QAM	1	0	20.44	20.36	20.33	20.35	21.00	1
		1	36	20.46	20.38	20.43	20.43	21.00	1
		1	74	20.41	20.47	20.35	20.49	21.00	1
		36	0	19.35	19.50	19.40	19.49	20.00	2
		36	18	19.35	19.43	19.49	19.44	20.00	2
		36	37	19.30	19.39	19.32	19.36	20.00	2
		75	0	19.38	19.30	19.36	19.39	20.00	2
15	64-QAM	1	0	19.33	19.46	19.36	19.33	20.00	2
		1	36	19.41	19.33	19.35	19.44	20.00	2
		1	74	19.35	19.47	19.40	19.40	20.00	2
		36	0	18.30	18.30	18.33	18.30	19.00	3
		36	18	18.36	18.34	18.50	18.45	19.00	3
		36	37	18.34	18.32	18.36	18.32	19.00	3
		75	0	18.36	18.32	18.48	18.38	19.00	3
15	256-QAM	1	0	18.30	18.46	18.44	18.34	19.00	3
		1	36	18.48	18.35	18.37	18.35	19.00	3
		1	74	18.33	18.31	18.42	18.34	19.00	3
		36	0	17.32	17.37	17.45	17.41	18.00	4
		36	18	17.34	17.35	17.49	17.35	18.00	4
		36	37	17.50	17.43	17.31	17.33	18.00	4
		75	0	17.39	17.46	17.36	17.42	18.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	21.37	21.40	21.49	21.36	22.00	0
		1	25	21.44	21.49	21.49	21.43	22.00	0
		1	49	21.42	21.48	21.46	21.41	22.00	0
		25	0	20.34	20.37	20.39	20.30	21.00	1
		25	12	20.34	20.41	20.31	20.50	21.00	1
		25	25	20.47	20.39	20.47	20.42	21.00	1
		50	0	20.42	20.41	20.40	20.44	21.00	1
10	16-QAM	1	0	20.39	20.33	20.47	20.34	21.00	1
		1	25	20.48	20.34	20.32	20.39	21.00	1
		1	49	20.36	20.47	20.45	20.41	21.00	1
		25	0	19.48	19.32	19.44	19.32	20.00	2
		25	12	19.38	19.31	19.38	19.49	20.00	2
		25	25	19.31	19.50	19.38	19.46	20.00	2
		50	0	19.43	19.34	19.49	19.36	20.00	2
10	64-QAM	1	0	19.36	19.35	19.33	19.41	20.00	2
		1	25	19.43	19.35	19.40	19.48	20.00	2
		1	49	19.38	19.33	19.45	19.47	20.00	2
		25	0	18.47	18.49	18.46	18.33	19.00	3
		25	12	18.42	18.49	18.33	18.48	19.00	3
		25	25	18.41	18.36	18.33	18.36	19.00	3
		50	0	18.30	18.31	18.40	18.32	19.00	3
10	256-QAM	1	0	18.31	18.38	18.47	18.50	19.00	3
		1	25	18.49	18.32	18.31	18.47	19.00	3
		1	49	18.47	18.38	18.33	18.31	19.00	3
		25	0	17.46	17.49	17.47	17.32	18.00	4
		25	12	17.47	17.48	17.42	17.47	18.00	4
		25	25	17.31	17.35	17.44	17.39	18.00	4
		50	0	17.34	17.42	17.50	17.38	18.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	21.46	21.31	21.36	21.34	22.00	0
		1	12	21.37	21.38	21.33	21.49	22.00	0
		1	24	21.45	21.37	21.38	21.47	22.00	0
		12	0	20.31	20.42	20.32	20.38	21.00	1
		12	6	20.40	20.33	20.38	20.42	21.00	1
		12	13	20.36	20.34	20.30	20.40	21.00	1
		25	0	20.45	20.41	20.48	20.47	21.00	1
5	16-QAM	1	0	20.44	20.35	20.44	20.31	21.00	1
		1	12	20.39	20.41	20.34	20.45	21.00	1
		1	24	20.30	20.38	20.46	20.43	21.00	1
		12	0	19.40	19.38	19.34	19.42	20.00	2
		12	6	19.31	19.34	19.40	19.38	20.00	2
		12	13	19.33	19.45	19.36	19.41	20.00	2
		25	0	19.48	19.44	19.48	19.40	20.00	2
5	64-QAM	1	0	19.32	19.42	19.43	19.44	20.00	2
		1	12	19.39	19.50	19.43	19.35	20.00	2
		1	24	19.40	19.34	19.46	19.33	20.00	2
		12	0	18.36	18.38	18.33	18.46	19.00	3
		12	6	18.41	18.31	18.42	18.47	19.00	3
		12	13	18.41	18.46	18.43	18.36	19.00	3
		25	0	18.35	18.40	18.32	18.36	19.00	3
5	256-QAM	1	0	18.50	18.36	18.45	18.47	19.00	3
		1	12	18.38	18.48	18.43	18.30	19.00	3
		1	24	18.48	18.36	18.40	18.31	19.00	3
		12	0	17.33	17.35	17.30	17.33	18.00	4
		12	6	17.48	17.44	17.41	17.38	18.00	4
		12	13	17.34	17.46	17.37	17.31	18.00	4
		25	0	17.37	17.49	17.48	17.43	18.00	4

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f (886-2) 2298-0488

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7.3 FDD NR

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	23.11	23.27	23.07	25.00	0.0
		1	53	23.04	23.01	23.14	25.00	0.0
		1	104	23.09	23.03	23.16	25.00	0.0
		50	0	22.67	22.63	22.57	24.50	0.5
		50	28	23.12	23.18	23.02	25.00	0.0
		50	56	22.53	22.67	22.60	24.50	0.5
		100	0	22.61	22.68	22.52	24.50	0.5
	QPSK	1	1	23.03	23.04	23.10	25.00	0.0
		1	53	23.14	23.02	23.18	25.00	0.0
		1	104	23.17	23.02	23.06	25.00	0.0
		50	0	22.05	22.01	22.14	24.00	1.0
		50	28	23.03	23.03	23.05	25.00	0.0
		50	56	22.09	22.01	22.13	24.00	1.0
		100	0	22.13	22.04	22.08	24.00	1.0
	16-QAM	1	1	22.02	22.03	22.02	24.00	1.0
	64QAM	1	1	20.68	20.54	20.61	22.50	2.5
	256-QAM	1	1	18.61	18.57	18.56	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	23.08	23.19	23.15	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	23.02	23.13	23.12	25.00	0.0

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.00	23.03	23.00	25.00	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)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	23.61	23.56	23.45	25.00	0.0
		1	53	23.18	23.09	23.04	25.00	0.0
		1	104	23.18	23.14	23.16	25.00	0.0
		50	0	22.54	22.64	22.68	24.50	0.5
		50	28	23.01	23.02	23.14	25.00	0.0
		50	56	22.53	22.61	22.69	24.50	0.5
		100	0	22.56	22.63	22.65	24.50	0.5
	QPSK	1	1	23.08	23.12	23.19	25.00	0.0
		1	53	23.12	23.07	23.09	25.00	0.0
		1	104	23.04	23.06	23.08	25.00	0.0
		50	0	22.20	22.19	22.10	24.00	1.0
		50	28	23.11	23.00	23.10	25.00	0.0
		50	56	22.14	22.20	22.07	24.00	1.0
		100	0	22.06	22.05	22.12	24.00	1.0
	16-QAM	1	1	22.03	22.07	22.14	24.00	1.0
	64QAM	1	1	20.69	20.60	20.53	22.50	2.5
	256-QAM	1	1	18.55	18.68	18.59	20.50	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	23.17	23.01	23.04	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)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	23.19	23.07	23.01	25.00	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)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	23.13	23.10	23.10	25.00	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	23.48	23.46	23.57	25.00	0.0
		1	53	23.13	23.10	23.02	25.00	0.0
		1	104	23.00	23.13	23.09	25.00	0.0
		50	0	22.50	22.68	22.52	24.50	0.5
		50	28	23.19	23.01	23.06	25.00	0.0
		50	56	22.64	22.51	22.62	24.50	0.5
		100	0	22.67	22.59	22.57	24.50	0.5
	QPSK	1	1	23.03	23.04	23.18	25.00	0.0
		1	53	23.14	23.01	23.09	25.00	0.0
		1	104	23.03	23.10	23.17	25.00	0.0
		50	0	22.01	22.06	22.08	24.00	1.0
		50	28	23.07	23.04	23.11	25.00	0.0
		50	56	22.05	22.14	22.20	24.00	1.0
		100	0	22.03	22.08	22.14	24.00	1.0
	16-QAM	1	1	22.20	22.14	22.11	24.00	1.0
	64QAM	1	1	20.59	20.70	20.52	22.50	2.5
	256-QAM	1	1	18.55	18.59	18.70	20.50	4.5

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5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	23.05	23.14	23.06	25.00	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				501000	507000	513000		
10	Pi/2 BPSK	1	1	23.10	23.03	23.12	25.00	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	23.01	23.07	23.15	25.00	0.0

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5G NR n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	707.5	708.5		
Channel				141300	141500	141700		
15	Pi/2 BPSK	1	1	23.81	23.84	23.77	25.00	0.0
		1	40	23.06	23.20	23.14	25.00	0.0
		1	77	23.10	23.18	23.05	25.00	0.0
		36	0	22.69	22.54	22.53	24.50	0.5
		36	22	23.20	23.18	23.03	25.00	0.0
		36	43	22.62	22.59	22.68	24.50	0.5
		75	0	22.68	22.67	22.69	24.50	0.5
	QPSK	1	1	23.03	23.02	23.02	25.00	0.0
		1	40	23.10	23.03	23.13	25.00	0.0
		1	77	23.06	23.15	23.12	25.00	0.0
		36	0	22.01	22.13	22.17	24.00	1.0
		36	22	23.14	23.18	23.05	25.00	0.0
		36	43	22.05	22.11	22.05	24.00	1.0
		75	0	22.05	22.14	22.06	24.00	1.0
	16-QAM	1	1	22.15	22.04	22.04	24.00	1.0
	64QAM	1	1	20.55	20.52	20.66	22.50	2.5
	256-QAM	1	1	18.68	18.67	18.65	20.50	4.5
5G NR n12_15kHz								
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				140800	141500	142200		
10	Pi/2 BPSK	1	1	23.12	23.20	23.12	25.00	0.0
5G NR n12_15kHz								
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				140300	141500	142700		
5	Pi/2 BPSK	1	1	23.13	23.14	23.16	25.00	0.0

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5G NR n13_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					782			
Channel					156400			
10	Pi/2 BPSK	1	1		24.14		25.00	0.0
		1	26		23.03		25.00	0.0
		1	49		23.01		25.00	0.0
		25	0		22.53		24.50	0.5
		25	13		23.08		25.00	0.0
		25	26		22.64		24.50	0.5
		50	0		22.67		24.50	0.5
	QPSK	1	1		23.05		25.00	0.0
		1	26		23.11		25.00	0.0
		1	49		23.07		25.00	0.0
		25	0		22.09		24.00	1.0
		25	13		23.04		25.00	0.0
		25	26		22.00		24.00	1.0
		50	0		22.18		24.00	1.0
	16-QAM	1	1		22.06		24.00	1.0
	64QAM	1	1		20.56		22.50	2.5
	256-QAM	1	1		18.60		20.50	4.5
5G NR n13_15kHz								
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				155900	156400	156900		
5	Pi/2 BPSK	1	1	23.08	23.20	23.03	25.00	0.0

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5G NR n14_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					793			
Channel					158600			
10	Pi/2 BPSK	1	1		23.93		25.00	0.0
		1	26		23.16		25.00	0.0
		1	49		23.06		25.00	0.0
		25	0		22.67		24.50	0.5
		25	13		23.13		25.00	0.0
		25	26		22.59		24.50	0.5
		50	0		22.65		24.50	0.5
	QPSK	1	1		23.19		25.00	0.0
		1	26		23.01		25.00	0.0
		1	49		23.04		25.00	0.0
		25	0		22.06		24.00	1.0
		25	13		23.16		25.00	0.0
		25	26		22.08		24.00	1.0
		50	0		22.04		24.00	1.0
	16-QAM	1	1		22.12		24.00	1.0
	64QAM	1	1		20.66		22.50	2.5
	256-QAM	1	1		18.67		20.50	4.5
5G NR n14_15kHz								
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				158100	158600	159100		
5	Pi/2 BPSK	1	1	23.13	23.11	23.01	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)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	23.45	23.79	23.53	25.00	0.0
		1	53	23.08	23.05	23.06	25.00	0.0
		1	104	23.04	23.04	23.17	25.00	0.0
		50	0	22.55	22.59	22.62	24.50	0.5
		50	28	23.17	23.03	23.12	25.00	0.0
		50	56	22.55	22.70	22.57	24.50	0.5
		100	0	22.59	22.67	22.61	24.50	0.5
	QPSK	1	1	23.14	23.12	23.02	25.00	0.0
		1	53	23.11	23.04	23.14	25.00	0.0
		1	104	23.09	23.13	23.01	25.00	0.0
		50	0	22.05	22.02	22.05	24.00	1.0
		50	28	23.11	23.04	23.02	25.00	0.0
		50	56	22.03	22.01	22.12	24.00	1.0
		100	0	22.17	22.09	22.18	24.00	1.0
	16-QAM	1	1	22.05	22.09	22.11	24.00	1.0
	64QAM	1	1	20.65	20.53	20.68	22.50	2.5
	256-QAM	1	1	18.54	18.55	18.66	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	23.15	23.04	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	23.01	23.05	23.15	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	23.00	23.05	23.08	25.00	0.0
5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824	831.5	839		
Channel				164800	166300	167800		
20	Pi/2 BPSK	1	1	23.94	24.35	23.89	25.00	0.0
		1	53	23.13	23.12	23.19	25.00	0.0
		1	104	23.05	23.17	23.03	25.00	0.0
		50	0	22.68	22.69	22.50	24.50	0.5
		50	28	23.15	23.13	23.05	25.00	0.0
		50	56	22.59	22.67	22.64	24.50	0.5
		100	0	22.60	22.65	22.60	24.50	0.5
	QPSK	1	1	23.17	23.16	23.13	25.00	0.0
		1	53	23.16	23.04	23.06	25.00	0.0
		1	104	23.17	23.13	23.15	25.00	0.0
		50	0	22.12	22.03	22.06	24.00	1.0
		50	28	23.06	23.17	23.16	25.00	0.0
		50	56	22.01	22.16	22.04	24.00	1.0
		100	0	22.02	22.01	22.19	24.00	1.0
	16-QAM	1	1	22.14	22.11	22.05	24.00	1.0
	64QAM	1	1	20.57	20.56	20.63	22.50	2.5
	256-QAM	1	1	18.60	18.65	18.65	20.50	4.5
5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				821.5	831.5	841.5		
Channel				164300	166300	168300		
15	Pi/2 BPSK	1	1	23.10	23.06	23.02	25.00	0.0

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5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				819	831.5	844		
Channel				163800	166300	168800		
10	Pi/2 BPSK	1	1	23.01	23.06	23.11	25.00	0.0
5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				163300	166300	169300		
5	Pi/2 BPSK	1	1	23.01	23.03	23.12	25.00	0.0
5G NR n30_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					462000			
10	Pi/2 BPSK	1	1		22.94		23.00	0.0
		1	26		21.17		23.00	0.0
		1	49		21.03		23.00	0.0
		25	0		20.64		22.50	0.5
		25	13		21.16		23.00	0.0
		25	26		20.70		22.50	0.5
		50	0		20.68		22.50	0.5
	QPSK	1	1		21.18		23.00	0.0
		1	26		21.14		23.00	0.0
		1	49		21.10		23.00	0.0
		25	0		20.09		22.00	1.0
		25	13		21.19		23.00	0.0
		25	26		20.05		22.00	1.0
		50	0		20.11		22.00	1.0
	16-QAM	1	1		20.01		22.00	1.0
	64QAM	1	1		18.64		20.50	2.5
	256-QAM	1	1		16.60		18.50	4.5

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5G NR n30_15kHz								
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				461500	462000	462500		
5	Pi/2 BPSK	1	1	22.16	22.12	22.10	23.00	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)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	23.79	23.74	23.77	25.00	0.0
		1	53	23.18	23.15	23.03	25.00	0.0
		1	104	23.14	23.11	23.14	25.00	0.0
		50	0	22.56	22.59	22.51	24.50	0.5
		50	28	23.13	23.00	23.06	25.00	0.0
		50	56	22.69	22.61	22.57	24.50	0.5
		100	0	22.57	22.62	22.57	24.50	0.5
	QPSK	1	1	23.10	23.19	23.19	25.00	0.0
		1	53	23.03	23.15	23.16	25.00	0.0
		1	104	23.13	23.10	23.03	25.00	0.0
		50	0	22.03	22.01	22.16	24.00	1.0
		50	28	23.14	23.12	23.07	25.00	0.0
		50	56	22.19	22.13	22.11	24.00	1.0
		100	0	22.10	22.13	22.17	24.00	1.0
	16-QAM	1	1	22.13	22.10	22.18	24.00	1.0
	64QAM	1	1	20.67	20.54	20.55	22.50	2.5
	256-QAM	1	1	18.51	18.61	18.59	20.50	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	23.18	23.10	23.19	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)				1715	1745	1775		
Channel				343000	349000	355000		
10	Pi/2 BPSK	1	1	23.11	23.03	23.16	25.00	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)				1712.5	1745	1777.5		
Channel				342500	349000	355500		
5	Pi/2 BPSK	1	1	23.13	23.08	23.05	25.00	0.0
5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					1702.5			
Channel					340500			
15	Pi/2 BPSK	1	1		23.14		25.00	0.0
		1	40		23.11		25.00	0.0
		1	77		23.12		25.00	0.0
		36	0		22.64		24.50	0.5
		36	22		23.07		25.00	0.0
		36	43		22.53		24.50	0.5
		75	0		22.58		24.50	0.5
	QPSK	1	1		23.13		25.00	0.0
		1	40		23.11		25.00	0.0
		1	77		23.03		25.00	0.0
		36	0		22.13		24.00	1.0
		36	22		23.02		25.00	0.0
		36	43		22.11		24.00	1.0
		75	0		22.05		24.00	1.0
	16-QAM	1	1		22.16		24.00	1.0
	64QAM	1	1		20.53		22.50	2.5
	256-QAM	1	1		18.51		20.50	4.5

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5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1700	1702.5	1705		
Channel				340000	340500	341000		
10	Pi/2 BPSK	1	1	23.00	23.05	23.09	25.00	0.0
5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
Channel				339500	340500	341500		
5	Pi/2 BPSK	1	1	23.10	23.07	23.04	25.00	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)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	23.83	23.75	23.78	25.00	0.0
		1	53	23.09	23.19	23.13	25.00	0.0
		1	104	23.01	23.10	23.07	25.00	0.0
		50	0	22.51	22.63	22.52	24.50	0.5
		50	28	23.10	23.17	23.17	25.00	0.0
		50	56	22.59	22.66	22.69	24.50	0.5
		100	0	22.51	22.58	22.52	24.50	0.5
	QPSK	1	1	23.04	23.12	23.14	25.00	0.0
		1	53	23.06	23.01	23.02	25.00	0.0
		1	104	23.18	23.06	23.01	25.00	0.0
		50	0	22.11	22.04	22.12	24.00	1.0
		50	28	23.17	23.11	23.16	25.00	0.0
		50	56	22.13	22.06	22.02	24.00	1.0
		100	0	22.03	22.09	22.02	24.00	1.0
	16-QAM	1	1	22.07	22.11	22.02	24.00	1.0
	64QAM	1	1	20.51	20.53	20.61	22.50	2.5
	256-QAM	1	1	18.70	18.55	18.52	20.50	4.5

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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)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	23.14	23.14	23.07	25.00	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	23.05	23.06	23.17	25.00	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)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	23.08	23.18	23.09	25.00	0.0

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5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				516000	519000	522000		
20	Pi/2 BPSK	1	1	23.18	23.11	23.29	25.00	0.0
		1	26	23.11	23.12	23.19	25.00	0.0
		1	49	23.11	23.09	23.10	25.00	0.0
		25	0	22.63	22.50	22.62	24.50	0.5
		25	13	23.10	23.05	23.12	25.00	0.0
		25	26	22.57	22.61	22.64	24.50	0.5
		50	0	22.68	22.66	22.66	24.50	0.5
	QPSK	1	1	23.16	23.03	23.18	25.00	0.0
		1	26	23.17	23.01	23.02	25.00	0.0
		1	49	23.03	23.14	23.11	25.00	0.0
		25	0	22.03	22.10	22.12	24.00	1.0
		25	13	23.04	23.12	23.09	25.00	0.0
		25	26	22.20	22.02	22.16	24.00	1.0
		50	0	22.06	22.14	22.03	24.00	1.0
	16-QAM	1	1	22.13	22.07	22.10	24.00	1.0
	64QAM	1	1	20.68	20.64	20.54	22.50	2.5
	256-QAM	1	1	18.67	18.57	18.69	20.50	4.5
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.51	2595	2612.49		
Channel				515502	519000	522498		
15	Pi/2 BPSK	1	1	23.17	23.16	23.09	25.00	0.0
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575.02	2595	2614.98		
Channel				515004	519000	522996		
10	Pi/2 BPSK	1	1	23.11	23.08	23.18	25.00	0.0

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5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted 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	24.06	24.34	23.95	25.00	0.0
		1	26	23.17	23.01	23.03	25.00	0.0
		1	49	23.17	23.06	23.20	25.00	0.0
		25	0	22.54	22.55	22.59	24.50	0.5
		25	13	23.04	23.13	23.16	25.00	0.0
		25	26	22.56	22.64	22.67	24.50	0.5
		50	0	22.58	22.50	22.57	24.50	0.5
	QPSK	1	1	23.14	23.19	23.16	25.00	0.0
		1	26	23.16	23.09	23.12	25.00	0.0
		1	49	23.10	23.18	23.00	25.00	0.0
		25	0	22.12	22.00	22.10	24.00	1.0
		25	13	23.08	23.09	23.17	25.00	0.0
		25	26	22.03	22.16	22.05	24.00	1.0
		50	0	22.09	22.09	22.10	24.00	1.0
	16-QAM	1	1	22.14	22.00	22.09	24.00	1.0
	64QAM	1	1	20.63	20.63	20.64	22.50	2.5
	256-QAM	1	1	18.56	18.60	18.69	20.50	4.5
5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.09	23.04	23.07	25.00	0.0
5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.06	23.16	23.08	25.00	0.0

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted 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	25.88	26.01	25.47	27.00	0.0
		1	26	25.09	25.18	25.02	27.00	0.0
		1	49	25.10	25.11	25.14	27.00	0.0
		25	0	24.60	24.70	24.58	26.50	0.5
		25	13	25.04	25.07	25.03	27.00	0.0
		25	26	24.62	24.63	24.65	26.50	0.5
		50	0	24.61	24.57	24.59	26.50	0.5
	QPSK	1	1	25.08	25.04	25.04	27.00	0.0
		1	26	25.16	25.03	25.16	27.00	0.0
		1	49	25.12	25.05	25.02	27.00	0.0
		25	0	24.08	24.18	24.08	26.00	1.0
		25	13	25.15	25.05	25.00	27.00	0.0
		25	26	24.05	24.16	24.06	26.00	1.0
		50	0	24.00	24.01	24.20	26.00	1.0
	16-QAM	1	1	24.07	24.14	24.06	26.00	1.0
	64QAM	1	1	22.64	22.60	22.63	24.50	2.5
	256-QAM	1	1	20.60	20.66	20.66	22.50	4.5
5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	25.02	25.12	25.08	27.00	0.0
5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	25.06	25.05	25.05	27.00	0.0

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5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560.01	3625.02	3690		
Channel				637334	641668	646000		
20	Pi/2 BPSK	1	1	21.61	21.56	21.51	22.00	0.0
		1	26	20.09	20.14	20.16	22.00	0.0
		1	49	20.18	20.18	20.07	22.00	0.0
		25	0	19.55	19.68	19.69	21.50	0.5
		25	13	20.16	20.11	20.11	22.00	0.0
		25	26	19.63	19.60	19.56	21.50	0.5
		50	0	19.64	19.59	19.59	21.50	0.5
	QPSK	1	1	20.18	20.05	20.12	22.00	0.0
		1	26	20.17	20.09	20.08	22.00	0.0
		1	49	20.15	20.16	20.04	22.00	0.0
		25	0	19.03	19.06	19.06	21.00	1.0
		25	13	20.09	20.02	20.05	22.00	0.0
		25	26	19.16	19.04	19.10	21.00	1.0
		50	0	19.03	19.11	19.08	21.00	1.0
	16-QAM	1	1	19.17	19.17	19.00	21.00	1.0
	64QAM	1	1	17.62	17.54	17.69	19.50	2.5
	256-QAM	1	1	15.61	15.62	15.52	17.50	4.5
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	20.18	20.02	20.17	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3625.02	3694.98		
Channel				637000	641668	646332		
10	Pi/2 BPSK	1	1	20.07	20.13	20.09	22.00	0.0

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5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3775.005	3840	3905.01	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651667	656000	660334	664666		
20	Pi/2 BPSK	1	1	24.85	24.82	24.92	24.89	24.85	25.00	0.0
		1	26	23.15	23.07	23.20	23.17	23.05	25.00	0.0
		1	49	23.12	23.07	23.19	23.16	23.07	25.00	0.0
		25	0	22.52	22.65	22.66	22.63	22.69	24.50	0.5
		25	13	23.19	23.05	23.10	23.18	23.01	25.00	0.0
		25	26	22.63	22.59	22.58	22.58	22.59	24.50	0.5
		50	0	22.61	22.61	22.59	22.69	22.52	24.50	0.5
	QPSK	1	1	23.11	23.19	23.12	23.17	23.01	25.00	0.0
		1	26	23.14	23.16	23.07	23.04	23.07	25.00	0.0
		1	49	23.02	23.09	23.01	23.12	23.17	25.00	0.0
		25	0	22.06	22.12	22.18	22.16	22.11	24.00	1.0
		25	13	23.10	23.19	23.07	23.12	23.17	25.00	0.0
		25	26	22.16	22.06	22.09	22.19	22.07	24.00	1.0
		50	0	22.18	22.01	22.18	22.14	22.14	24.00	1.0
	16-QAM	1	1	22.10	22.06	22.01	22.13	22.14	24.00	1.0
	64QAM	1	1	20.55	20.51	20.59	20.70	20.70	22.50	2.5
	256-QAM	1	1	18.56	18.51	18.50	18.61	18.55	20.50	4.5
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647000	651500	656000	660500	665000		
15	Pi/2 BPSK	1	1	23.16	23.14	23.11	23.00	23.12	25.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3702.51	3771.255	3840	3908.76	3977.49	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				646834	651417	656000	660584	665166		
10	Pi/2 BPSK	1	1	23.02	23.15	23.05	23.01	23.04	25.00	0.0

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5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3775.005	3840	3905.01	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651667	656000	660334	664666		
20	Pi/2 BPSK	1	1	25.68	25.76	26.22	25.43	25.23	27.00	0.0
		1	26	25.16	25.10	25.05	25.16	25.17	27.00	0.0
		1	49	25.13	25.03	25.14	25.03	25.13	27.00	0.0
		25	0	24.51	24.68	24.59	24.57	24.55	26.50	0.5
		25	13	25.01	25.06	25.19	25.17	25.11	27.00	0.0
		25	26	24.59	24.50	24.64	24.67	24.61	26.50	0.5
		50	0	24.53	24.70	24.57	24.66	24.70	26.50	0.5
	QPSK	1	1	25.17	25.04	25.02	25.07	25.13	27.00	0.0
		1	26	25.07	25.14	25.01	25.08	25.02	27.00	0.0
		1	49	25.14	25.07	25.16	25.11	25.03	27.00	0.0
		25	0	24.14	24.04	24.09	24.13	24.11	26.00	1.0
		25	13	25.16	25.16	25.05	25.16	25.03	27.00	0.0
		25	26	24.02	24.01	24.03	24.18	24.08	26.00	1.0
		50	0	24.11	24.03	24.08	24.19	24.20	26.00	1.0
	16-QAM	1	1	24.19	24.16	24.05	24.20	24.08	26.00	1.0
	64QAM	1	1	22.59	22.54	22.61	22.52	22.64	24.50	2.5
	256-QAM	1	1	20.60	20.59	20.53	20.61	20.60	22.50	4.5
5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647000	651500	656000	660500	665000		
15	Pi/2 BPSK	1	1	25.06	25.06	25.04	25.17	25.07	27.00	0.0
5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3702.51	3771.255	3840	3908.76	3977.49	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				646834	651417	656000	660584	665166		
10	Pi/2 BPSK	1	1	25.10	25.19	25.16	25.08	25.02	27.00	0.0

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BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	24.46	24.78	24.63	25.00	0.0
		1	26	23.01	23.19	23.17	25.00	0.0
		1	49	23.03	23.05	23.09	25.00	0.0
		25	0	22.60	22.58	22.67	24.50	0.5
		25	13	23.08	23.10	23.01	25.00	0.0
		25	26	22.64	22.63	22.57	24.50	0.5
		50	0	22.70	22.60	22.69	24.50	0.5
	QPSK	1	1	23.15	23.12	23.02	25.00	0.0
		1	26	23.06	23.13	23.09	25.00	0.0
		1	49	23.07	23.12	23.01	25.00	0.0
		25	0	22.05	22.17	22.11	24.00	1.0
		25	13	23.02	23.15	23.16	25.00	0.0
		25	26	22.16	22.05	22.17	24.00	1.0
		50	0	22.12	22.07	22.14	24.00	1.0
	16-QAM	1	1	22.12	22.12	22.05	24.00	1.0
	64QAM	1	1	20.60	20.56	20.55	22.50	2.5
	256-QAM	1	1	18.63	18.68	18.52	20.50	4.5

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	23.05	23.09	23.11	25.00	0.0

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	23.06	23.11	23.16	25.00	0.0

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5G NR n77 & n78_PC2_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	26.31	26.50	26.36	27.00	0.0
		1	26	25.04	25.08	25.11	27.00	0.0
		1	49	25.04	25.19	25.13	27.00	0.0
		25	0	24.58	24.51	24.65	26.50	0.5
		25	13	25.10	25.01	25.01	27.00	0.0
		25	26	24.66	24.68	24.68	26.50	0.5
		50	0	24.52	24.63	24.59	26.50	0.5
	QPSK	1	1	25.02	25.15	25.11	27.00	0.0
		1	26	25.13	25.14	25.17	27.00	0.0
		1	49	25.03	25.20	25.07	27.00	0.0
		25	0	24.03	24.01	24.17	26.00	1.0
		25	13	25.01	25.18	25.20	27.00	0.0
		25	26	24.13	24.15	24.16	26.00	1.0
		50	0	24.14	24.06	24.10	26.00	1.0
	16-QAM	1	1	24.06	24.11	24.11	26.00	1.0
	64QAM	1	1	22.69	22.59	22.64	24.50	2.5
	256-QAM	1	1	20.60	20.62	20.54	22.50	4.5

5G NR n77 & n78_PC2_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	25.20	25.10	25.01	27.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	25.17	25.10	25.04	27.00	0.0

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5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	24.89	24.95	24.91	25.00	0.0
		1	26	23.14	23.06	23.09	25.00	0.0
		1	49	23.15	23.02	23.05	25.00	0.0
		25	0	22.53	22.69	22.60	24.50	0.5
		25	13	23.11	23.00	23.06	25.00	0.0
		25	26	22.53	22.61	22.57	24.50	0.5
		50	0	22.70	22.61	22.70	24.50	0.5
	QPSK	1	1	23.13	23.03	23.19	25.00	0.0
		1	26	23.07	23.02	23.12	25.00	0.0
		1	49	23.16	23.07	23.01	25.00	0.0
		25	0	22.11	22.14	22.08	24.00	1.0
		25	13	23.14	23.15	23.15	25.00	0.0
		25	26	22.13	22.10	22.02	24.00	1.0
		50	0	22.13	22.09	22.05	24.00	1.0
	16-QAM	1	1	22.08	22.15	22.13	24.00	1.0
	64QAM	1	1	20.69	20.55	20.65	22.50	2.5
	256-QAM	1	1	18.67	18.55	18.57	20.50	4.5
5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
15	Pi/2 BPSK	1	1	23.02	23.04	23.06	25.00	0.0
5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
10	Pi/2 BPSK	1	1	23.18	23.02	23.02	25.00	0.0

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5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	26.57	26.78	26.63	27.00	0.0
		1	26	25.01	25.07	25.00	27.00	0.0
		1	49	25.04	25.18	25.14	27.00	0.0
		25	0	24.58	24.63	24.62	26.50	0.5
		25	13	25.01	25.13	25.13	27.00	0.0
		25	26	24.65	24.60	24.65	26.50	0.5
		50	0	24.62	24.65	24.66	26.50	0.5
	QPSK	1	1	25.11	25.18	25.15	27.00	0.0
		1	26	25.13	25.17	25.17	27.00	0.0
		1	49	25.13	25.05	25.17	27.00	0.0
		25	0	24.01	24.06	24.00	26.00	1.0
		25	13	25.16	25.10	25.02	27.00	0.0
		25	26	24.14	24.15	24.08	26.00	1.0
		50	0	24.20	24.17	24.13	26.00	1.0
	16-QAM	1	1	24.09	24.01	24.05	26.00	1.0
	64QAM	1	1	22.60	22.54	22.59	24.50	2.5
	256-QAM	1	1	20.53	20.66	20.53	22.50	4.5
5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
15	Pi/2 BPSK	1	1	25.15	25.14	25.17	27.00	0.0
5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	EOnducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
10	Pi/2 BPSK	1	1	25.11	25.15	25.01	27.00	0.0

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Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	23.32	22.74
		6	2437		23.50	22.85
		11	2462		23.34	22.51
	802.11g	1	2412	6Mbps	18.62	NR*
		6	2437		22.21	NR*
		11	2462		19.57	NR*
	802.11n20-HT0	1	2412	MCS0	18.26	NR*
		6	2437		22.11	NR*
		11	2462		19.67	NR*
	802.11ac20-VHT0	1	2412	MCS0	18.26	NR*
		6	2437		22.11	NR*
		11	2462		19.67	NR*
	802.11ax20-HE0	1	2412	MCS0	18.31	NR*
		6	2437		22.16	NR*
		11	2462		19.71	NR*
	802.11be20-EHT0	1	2412	MCS0	18.36	NR*
		6	2437		22.23	NR*
		11	2462		19.76	NR*
	802.11n40-HT0	3	2422	MCS0	18.25	NR*
		6	2437		19.93	NR*
		9	2452		18.16	NR*
	802.11ac40-VHT0	3	2422	MCS0	18.25	NR*
		6	2437		19.93	NR*
		9	2452		18.16	NR*
	802.11ax40-HE0	3	2422	MCS0	18.31	NR*
		6	2437		19.96	NR*
		9	2452		18.18	NR*
	802.11be40-EHT0	3	2422	MCS0	18.35	NR*
		6	2437		20.02	NR*
		9	2452		18.23	NR*

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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	20.94	NR*
		40	5200		21.62	NR*
		44	5220		21.46	NR*
		48	5240		21.46	NR*
	802.11n20-HT0	36	5180	MCS0	20.11	NR*
		40	5200		21.55	NR*
		44	5220		21.52	NR*
		48	5240		21.52	NR*
	802.11ac20-VHT0	36	5180	MCS0	20.11	NR*
		40	5200		21.55	NR*
		44	5220		21.52	NR*
		48	5240		21.52	NR*
	802.11ax20-HE0	36	5180	MCS0	20.21	NR*
		40	5200		21.65	NR*
		44	5220		21.62	NR*
		48	5240		21.62	NR*
	802.11be20-EHT0	36	5180	MCS0	20.38	20.26
		40	5200		21.78	21.27
		44	5220		21.73	21.24
		48	5240		21.73	21.38
	802.11n40-HT0	38	5190	MCS0	19.53	NR*
		46	5230		21.01	NR*
	802.11ac40-VHT0	38	5190	MCS0	19.53	NR*
		46	5230		21.01	NR*
	802.11ax40-HE0	38	5190	MCS0	19.63	NR*
		46	5230		21.11	NR*
	802.11be40-EHT0	38	5190	MCS0	19.73	NR*
		46	5230		21.21	NR*
	802.11ac80-VHT0	42	5210	MCS0	18.40	NR*
	802.11ax80-HE0	42	5210	MCS0	18.50	NR*
	802.11be80-EHT0	42	5210	MCS0	18.60	NR*
	802.11ac160-VHT0	50	5250	MCS0	13.29	NR*
	802.11ax160-HE0	50	5250	MCS0	13.29	NR*
	802.11be160-EHT0	50	5250	MCS0	13.29	NR*

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	21.51	NR*
		56	5280		21.51	NR*
		60	5300		21.58	NR*
		64	5320		21.51	NR*
	802.11n20-HT0	52	5260	MCS0	21.56	NR*
		56	5280		21.55	NR*
		60	5300		21.55	NR*
		64	5320		20.02	NR*
	802.11ac20-VHT0	52	5260	MCS0	21.56	NR*
		56	5280		21.55	NR*
		60	5300		21.55	NR*
		64	5320		20.02	NR*
	802.11ax20-HE0	52	5260	MCS0	21.66	NR*
		56	5280		21.65	NR*
		60	5300		21.65	NR*
		64	5320		20.12	NR*
	802.11be20-EHT0	52	5260	MCS0	21.76	NR*
		56	5280		21.75	NR*
		60	5300		21.75	NR*
		64	5320		20.23	NR*
	802.11n40-HT0	54	5270	MCS0	18.95	NR*
		62	5310		18.88	NR*
	802.11ac40-VHT0	54	5270	MCS0	18.95	NR*
		62	5310		18.88	NR*
	802.11ax40-HE0	54	5270	MCS0	21.95	NR*
		62	5310		19.03	NR*
	802.11be40-EHT0	54	5270	MCS0	22.06	21.87
		62	5310		19.13	18.48
	802.11ac80-VHT0	58	5290	MCS0	18.42	NR*
	802.11ax80-HE0	58	5290	MCS0	18.52	NR*
	802.11be80-EHT0	58	5290	MCS0	18.62	NR*

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Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.6GHz	802.11a	100	5500	6Mbps	19.50	NR*
		120	5600		19.50	NR*
		140	5700		19.50	NR*
		144	5720		19.50	NR*
	802.11n20-HT0	100	5500	MCS0	19.50	NR*
		120	5600		19.50	NR*
		140	5700		18.79	NR*
		144	5720		19.50	NR*
	802.11ac20-VHT0	100	5500	MCS0	19.50	NR*
		120	5600		19.50	NR*
		140	5700		18.79	NR*
		144	5720		19.50	NR*
	802.11ax20-HE0	100	5500	MCS0	19.50	NR*
		120	5600		19.50	NR*
		140	5700		18.89	NR*
		144	5720		19.50	NR*
	802.11be20-EHT0	100	5500	MCS0	19.50	NR*
		120	5600		19.50	NR*
		140	5700		18.99	NR*
		144	5720		19.50	NR*
	802.11n40-HT0	102	5510	MCS0	18.88	NR*
		118	5590		19.50	NR*
		134	5670		19.50	NR*
		142	5710		19.50	NR*
	802.11ac40-VHT0	102	5510	MCS0	18.88	NR*
		118	5590		19.50	NR*
		134	5670		19.50	NR*
		142	5710		19.50	NR*
	802.11ax40-HE0	102	5510	MCS0	18.95	NR*
		118	5590		19.50	NR*
		134	5670		19.50	NR*
		142	5710		19.50	NR*
	802.11be40-EHT0	102	5510	MCS0	19.03	NR*
		110	5550		19.50	NR*
		134	5670		19.50	NR*
		142	5710		19.50	NR*
	802.11ac80-VHT0	106	5530	MCS0	18.44	17.86
		122	5610		19.50	18.93
		138	5690		19.50	18.98
	802.11ax80-HE0	106	5530	MCS0	18.54	NR*
		122	5610		19.50	NR*
		138	5690		19.50	NR*
	802.11be80-EHT0	106	5530	MCS0	18.64	NR*
		122	5610		19.50	NR*
		138	5690		19.50	NR*
	802.11ac160-VHT0	114	5570	MCS0	17.00	NR*
	802.11ax160-HE0	114	5570	MCS0	17.07	NR*
	802.11be160-EHT0	114	5570	MCS0	17.17	NR*

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	19.50	NR*
		157	5785		19.50	NR*
		165	5825		19.50	NR*
	802.11n20-HT0	149	5745	MCS0	19.50	NR*
		157	5785		19.50	NR*
		165	5825		19.50	NR*
	802.11ac20-VHT0	149	5745	MCS0	19.50	NR*
		157	5785		19.50	NR*
		165	5825		19.50	NR*
	802.11ax20-HE0	149	5745	MCS0	19.50	NR*
		157	5785		19.50	NR*
		165	5825		19.50	NR*
	802.11be20-EHT0	149	5745	MCS0	19.50	NR*
		157	5785		19.50	NR*
		165	5825		19.50	NR*
	802.11n40-HT0	151	5755	MCS0	19.50	NR*
		159	5795		19.50	NR*
	802.11ac40-VHT0	151	5755	MCS0	19.50	NR*
		159	5795		19.50	NR*
	802.11ax40-HE0	151	5755	MCS0	19.50	NR*
		159	5795		19.50	NR*
	802.11be40-EHT0	151	5755	MCS0	19.50	NR*
		159	5795		19.50	NR*
	802.11ac80-VHT0	155	5775	MCS0	19.50	19.38
	802.11ax80-HE0	155	5775	MCS0	19.50	NR*
	802.11be80-EHT0	155	5775	MCS0	19.50	NR*

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.9GHz	802.11a	169	5845	6Mbps	19.50	NR*
		173	5865		19.50	NR*
		177	5885		19.50	NR*
	802.11n20-HT0	169	5845	MCS0	19.50	NR*
		173	5865		19.50	NR*
		177	5885		17.65	NR*
	802.11ac20-VHT0	169	5845	MCS0	19.50	NR*
		173	5865		19.50	NR*
		177	5885		17.65	NR*
	802.11ax20-HE0	169	5845	MCS0	19.50	NR*
		173	5865		19.50	NR*
		177	5885		18.05	NR*
	802.11be20-EHT0	169	5845	MCS0	19.50	NR*
		173	5865		19.50	NR*
		177	5885		18.16	NR*
	802.11n40-HT0	167	5835	MCS0	19.50	NR*
		175	5875		19.50	NR*
	802.11ac40-VHT0	167	5835	MCS0	19.50	NR*
		175	5875		19.50	NR*
	802.11ax40-HE0	167	5835	MCS0	19.50	NR*
		175	5875		19.50	NR*
	802.11be40-EHT0	167	5835	MCS0	19.50	NR*
		175	5875		19.50	NR*
	802.11ac80-VHT0	171	5855	MCS0	19.50	18.92
	802.11ax80-HE0	171	5855	MCS0	19.50	NR*
	802.11be80-EHT0	171	5855	MCS0	19.50	NR*
	802.11ac160-VHT0	163	5815	MCS0	18.21	NR*
	802.11ax160-HE0	163	5815	MCS0	18.36	NR*
	802.11be160-EHT0	163	5815	MCS0	18.56	NR*

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	23.32	22.97
		6	2437		24.21	23.83
		11	2462		23.34	23.17
	802.11g	1	2412	6Mbps	18.62	NR*
		6	2437		22.21	NR*
		11	2462		19.57	NR*
	802.11n20-HT0	1	2412	MCS0	18.26	NR*
		6	2437		22.11	NR*
		11	2462		19.67	NR*
	802.11ac20-VHT0	1	2412	MCS0	18.26	NR*
		6	2437		22.11	NR*
		11	2462		19.67	NR*
	802.11ax20-HE0	1	2412	MCS0	18.31	NR*
		6	2437		22.16	NR*
		11	2462		19.71	NR*
	802.11be20-EHT0	1	2412	MCS0	18.36	NR*
		6	2437		22.23	NR*
		11	2462		19.76	NR*
	802.11n40-HT0	3	2422	MCS0	18.25	NR*
		6	2437		19.93	NR*
		9	2452		18.16	NR*
	802.11ac40-VHT0	3	2422	MCS0	18.25	NR*
		6	2437		19.93	NR*
		9	2452		18.16	NR*
	802.11ax40-HE0	3	2422	MCS0	18.31	NR*
		6	2437		19.96	NR*
		9	2452		18.18	NR*
	802.11be40-EHT0	3	2422	MCS0	18.35	NR*
		6	2437		20.02	NR*
		9	2452		18.23	NR*

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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	20.94	NR*
		40	5200		21.62	NR*
		44	5220		21.46	NR*
		48	5240		21.46	NR*
	802.11n20-HT0	36	5180	MCS0	20.11	NR*
		40	5200		21.55	NR*
		44	5220		21.52	NR*
		48	5240		21.52	NR*
	802.11ac20-VHT0	36	5180	MCS0	20.11	NR*
		40	5200		21.55	NR*
		44	5220		21.52	NR*
		48	5240		21.52	NR*
	802.11ax20-HE0	36	5180	MCS0	20.21	NR*
		40	5200		21.65	NR*
		44	5220		21.62	NR*
		48	5240		21.62	NR*
	802.11be20-EHT0	36	5180	MCS0	20.38	20.08
		40	5200		21.78	20.12
		44	5220		21.73	20.63
		48	5240		21.73	20.78
	802.11n40-HT0	38	5190	MCS0	19.53	NR*
		46	5230		21.01	NR*
	802.11ac40-VHT0	38	5190	MCS0	19.53	NR*
		46	5230		21.01	NR*
	802.11ax40-HE0	38	5190	MCS0	19.63	NR*
		46	5230		21.11	NR*
	802.11be40-EHT0	38	5190	MCS0	19.73	NR*
		46	5230		21.21	NR*
	802.11ac80-VHT0	42	5210	MCS0	18.40	NR*
	802.11ax80-HE0	42	5210	MCS0	18.50	NR*
	802.11be80-EHT0	42	5210	MCS0	18.60	NR*
	802.11ac160-VHT0	50	5250	MCS0	13.29	NR*
	802.11ax160-HE0	50	5250	MCS0	13.29	NR*
	802.11be160-EHT0	50	5250	MCS0	13.29	NR*

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	21.51	NR*
		56	5280		21.51	NR*
		60	5300		21.58	NR*
		64	5320		21.51	NR*
	802.11n20-HT0	52	5260	MCS0	21.56	NR*
		56	5280		21.55	NR*
		60	5300		21.55	NR*
		64	5320		20.02	NR*
	802.11ac20-VHT0	52	5260	MCS0	21.56	NR*
		56	5280		21.55	NR*
		60	5300		21.55	NR*
		64	5320		20.02	NR*
	802.11ax20-HE0	52	5260	MCS0	21.66	NR*
		56	5280		21.65	NR*
		60	5300		21.65	NR*
		64	5320		20.12	NR*
	802.11be20-EHT0	52	5260	MCS0	21.76	NR*
		56	5280		21.75	NR*
		60	5300		21.75	NR*
		64	5320		20.23	NR*
	802.11n40-HT0	54	5270	MCS0	18.95	NR*
		62	5310		18.88	NR*
	802.11ac40-VHT0	54	5270	MCS0	18.95	NR*
		62	5310		18.88	NR*
	802.11ax40-HE0	54	5270	MCS0	21.95	NR*
		62	5310		19.03	NR*
	802.11be40-EHT0	54	5270	MCS0	22.06	21.68
		62	5310		19.13	18.76
	802.11ac80-VHT0	58	5290	MCS0	18.42	NR*
	802.11ax80-HE0	58	5290	MCS0	18.52	NR*
	802.11be80-EHT0	58	5290	MCS0	18.62	NR*

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5.6GHz	802.11a	100	5500	6Mbps	20.44	NR*
		120	5600		21.00	NR*
		140	5700		19.69	NR*
		144	5720		21.00	NR*
	802.11n20-HT0	100	5500	MCS0	19.55	NR*
		120	5600		21.00	NR*
		140	5700		18.79	NR*
		144	5720		21.00	NR*
	802.11ac20-VHT0	100	5500	MCS0	19.55	NR*
		120	5600		21.00	NR*
		140	5700		18.79	NR*
		144	5720		21.00	NR*
	802.11ax20-HE0	100	5500	MCS0	19.65	NR*
		120	5600		21.00	NR*
		140	5700		18.89	NR*
		144	5720		21.00	NR*
	802.11be20-EHT0	100	5500	MCS0	19.74	NR*
		120	5600		21.00	NR*
		140	5700		18.99	NR*
		144	5720		21.00	NR*
	802.11n40-HT0	102	5510	MCS0	18.88	NR*
		118	5590		21.00	NR*
		134	5670		20.41	NR*
		142	5710		20.82	NR*
	802.11ac40-VHT0	102	5510	MCS0	18.88	NR*
		118	5590		21.00	NR*
		134	5670		20.41	NR*
		142	5710		20.82	NR*
	802.11ax40-HE0	102	5510	MCS0	18.95	NR*
		118	5590		21.00	NR*
		134	5670		20.51	NR*
		142	5710		20.82	NR*
	802.11be40-EHT0	102	5510	MCS0	19.03	NR*
		110	5550		21.00	NR*
		134	5670		20.61	NR*
		142	5710		21.00	NR*
	802.11ac80-VHT0	106	5530	MCS0	18.44	18.04
		122	5610		20.90	20.33
		138	5690		20.32	20.25
	802.11ax80-HE0	106	5530	MCS0	18.54	NR*
		122	5610		21.00	NR*
		138	5690		20.32	NR*
	802.11be80-EHT0	106	5530	MCS0	18.64	NR*
		122	5610		21.00	NR*
		138	5690		21.00	NR*
	802.11ac160-VHT0	114	5570	MCS0	17.00	NR*
	802.11ax160-HE0	114	5570	MCS0	17.07	NR*
	802.11be160-EHT0	114	5570	MCS0	17.17	NR*

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	21.50	NR*
		157	5785		21.50	NR*
		165	5825		21.50	NR*
	802.11n20-HT0	149	5745	MCS0	21.50	NR*
		157	5785		21.50	NR*
		165	5825		21.50	NR*
	802.11ac20-VHT0	149	5745	MCS0	21.50	NR*
		157	5785		21.50	NR*
		165	5825		21.50	NR*
	802.11ax20-HE0	149	5745	MCS0	21.50	NR*
		157	5785		21.50	NR*
		165	5825		21.50	NR*
	802.11be20-EHT0	149	5745	MCS0	21.50	NR*
		157	5785		21.50	NR*
		165	5825		21.50	NR*
	802.11n40-HT0	151	5755	MCS0	21.50	NR*
		159	5795		21.50	NR*
	802.11ac40-VHT0	151	5755	MCS0	21.50	NR*
		159	5795		21.50	NR*
	802.11ax40-HE0	151	5755	MCS0	21.50	NR*
		159	5795		21.50	NR*
	802.11be40-EHT0	151	5755	MCS0	21.50	NR*
		159	5795		21.50	NR*
	802.11ac80-VHT0	155	5775	MCS0	21.50	20.87
	802.11ax80-HE0	155	5775	MCS0	21.50	NR*
	802.11be80-EHT0	155	5775	MCS0	21.50	NR*

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.9GHz	802.11a	169	5845	6Mbps	19.94	NR*
		173	5865		20.10	NR*
		177	5885		20.57	NR*
	802.11n20-HT0	169	5845	MCS0	19.79	NR*
		173	5865		19.69	NR*
		177	5885		17.65	NR*
	802.11ac20-VHT0	169	5845	MCS0	19.79	NR*
		173	5865		19.69	NR*
		177	5885		17.65	NR*
	802.11ax20-HE0	169	5845	MCS0	19.98	NR*
		173	5865		19.87	NR*
		177	5885		18.05	NR*
	802.11be20-EHT0	169	5845	MCS0	20.14	NR*
		173	5865		20.03	NR*
		177	5885		18.16	NR*
	802.11n40-HT0	167	5835	MCS0	21.50	NR*
		175	5875		21.50	NR*
	802.11ac40-VHT0	167	5835	MCS0	21.50	NR*
		175	5875		21.50	NR*
	802.11ax40-HE0	167	5835	MCS0	21.50	NR*
		175	5875		21.50	NR*
	802.11be40-EHT0	167	5835	MCS0	21.50	NR*
		175	5875		21.50	NR*
	802.11ac80-VHT0	171	5855	MCS0	21.50	20.72
	802.11ax80-HE0	171	5855	MCS0	21.50	NR*
	802.11be80-EHT0	171	5855	MCS0	21.50	NR*
	802.11ac160-VHT0	163	5815	MCS0	18.21	NR*
	802.11ax160-HE0	163	5815	MCS0	18.36	NR*
	802.11be160-EHT0	163	5815	MCS0	18.56	NR*

*- NR: Not Required.

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7.6 WLAN 6GHz

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	15.50	NR*
		45	6175		15.50	NR*
		93	6415		15.50	NR*
	802.11ax20-HE0	1	5955	MCS0	15.50	NR*
		45	6175		15.50	NR*
		93	6415		15.50	NR*
	802.11be20-EHT0	1	5955	MCS0	15.50	NR*
		45	6175		15.50	NR*
		93	6415		15.50	NR*
	802.11ax40-HE0	3	5965	MCS0	15.50	NR*
		43	6165		15.50	NR*
		91	6405		15.50	NR*
	802.11be40-EHT0	3	5965	MCS0	15.50	NR*
		43	6165		15.50	NR*
		91	6405		15.50	NR*
	802.11ax80-HE0	7	5985	MCS0	15.50	NR*
		39	6145		15.50	NR*
		87	6385		15.50	NR*
	802.11be80-EHT0	7	5985	MCS0	15.50	NR*
		39	6145		15.50	NR*
		87	6385		15.50	NR*
	802.11ax160-HE0	15	6025	MCS0	15.50	15.41
		47	6185		15.50	15.38
		79	6345		15.50	15.09
	802.11be160-EHT0	15	6025	MCS0	15.50	NR*
		47	6185		15.50	NR*
		79	6345		15.50	NR*

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Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	7.09	NR*
		105	6475		7.12	NR*
		113	6515		7.15	NR*
	802.11ax20-HE0	97	6435	MCS0	7.33	NR*
		105	6475		7.31	NR*
		113	6515		7.40	NR*
	802.11be20-EHT0	97	6435	MCS0	7.35	NR*
		105	6475		7.34	NR*
		113	6515		7.42	NR*
	802.11ax40-HE0	99	6445	MCS0	10.22	NR*
		107	6485		10.15	NR*
	802.11be40-EHT0	99	6445	MCS0	10.24	NR*
		107	6485		10.18	NR*
	802.11ax80-HE0	103	6465	MCS0	12.78	NR*
		119	6545		12.55	NR*
	802.11be80-EHT0	103	6465	MCS0	12.80	NR*
		119	6545		12.58	NR*
	802.11ax160-HE0	111	6505	MCS0	15.78	NR*
	802.11be160-EHT0	111	6505	MCS0	15.80	15.67

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	16.00	NR*
		149	6695		16.00	NR*
		181	6855		16.00	NR*
	802.11ax20-HE0	117	6535	MCS0	16.00	NR*
		149	6695		16.00	NR*
		181	6855		16.00	NR*
	802.11be20-EHT0	117	6535	MCS0	16.00	NR*
		149	6695		16.00	NR*
		181	6855		16.00	NR*
	802.11ax40-HE0	115	6525	MCS0	16.00	NR*
		147	6685		16.00	NR*
		179	6845		16.00	NR*
	802.11be40-EHT0	115	6525	MCS0	16.00	NR*
		147	6685		16.00	NR*
		179	6845		16.00	NR*
	802.11ax80-HE0	135	6625	MCS0	16.00	NR*
		151	6705		16.00	NR*
		167	6785		16.00	NR*
	802.11be80-EHT0	135	6625	MCS0	16.00	NR*
		151	6705		16.00	NR*
		167	6785		16.00	NR*
	802.11ax160-HE0	143	6665	MCS0	16.00	15.39
		175	6825		16.00	15.04
	802.11be160-EHT0	143	6665	MCS0	16.00	NR*
		175	6825		16.00	NR*

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Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	6.98	NR*
		209	6995		7.29	NR*
		233	7115		7.32	NR*
	802.11ax20-HE0	185	6875	MCS0	7.05	NR*
		209	6995		7.45	NR*
		233	7115		7.52	NR*
	802.11be20-EHT0	185	6875	MCS0	7.09	NR*
		209	6995		7.48	NR*
		233	7115		7.55	NR*
	802.11ax40-HE0	187	6885	MCS0	10.03	NR*
		227	7085		10.33	NR*
	802.11be40-EHT0	187	6885	MCS0	10.06	NR*
		227	7085		10.28	NR*
	802.11ax80-HE0	183	6865	MCS0	12.55	NR*
		199	6945		12.73	NR*
		215	7025		12.82	NR*
	802.11be80-EHT0	183	6865	MCS0	12.57	NR*
		199	6945		12.75	NR*
		215	7025		12.85	NR*
	802.11ax160-HE0	207	6985	MCS0	15.99	NR*
	802.11be160-EHT0	207	6985	MCS0	16.00	15.99

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	15.50	NR*
		45	6175		15.50	NR*
		93	6415		15.50	NR*
	802.11ax20-HE0	1	5955	MCS0	15.50	NR*
		45	6175		15.50	NR*
		93	6415		15.50	NR*
	802.11be20-EHT0	1	5955	MCS0	15.50	NR*
		45	6175		15.50	NR*
		93	6415		15.50	NR*
	802.11ax40-HE0	3	5965	MCS0	15.50	NR*
		43	6165		15.50	NR*
		91	6405		15.50	NR*
	802.11be40-EHT0	3	5965	MCS0	15.50	NR*
		43	6165		15.50	NR*
		91	6405		15.50	NR*
	802.11ax80-HE0	7	5985	MCS0	15.50	NR*
		39	6145		15.50	NR*
		87	6385		15.50	NR*
	802.11be80-EHT0	7	5985	MCS0	15.50	NR*
		39	6145		15.50	NR*
		87	6385		15.50	NR*
	802.11ax160-HE0	15	6025	MCS0	15.50	15.19
		47	6185		15.50	15.16
		79	6345		15.50	15.47
	802.11be160-EHT0	15	6025	MCS0	15.50	NR*
		47	6185		15.50	NR*
		79	6345		15.50	NR*

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	7.09	NR*
		105	6475		7.12	NR*
		113	6515		7.15	NR*
	802.11ax20-HE0	97	6435	MCS0	7.33	NR*
		105	6475		7.31	NR*
		113	6515		7.40	NR*
	802.11be20-EHT0	97	6435	MCS0	7.35	NR*
		105	6475		7.34	NR*
		113	6515		7.42	NR*
	802.11ax40-HE0	99	6445	MCS0	10.22	NR*
		107	6485		10.15	NR*
	802.11be40-EHT0	99	6445	MCS0	10.24	NR*
		107	6485		10.18	NR*
	802.11ax80-HE0	103	6465	MCS0	12.78	NR*
		119	6545		12.55	NR*
	802.11be80-EHT0	103	6465	MCS0	12.80	NR*
		119	6545		12.58	NR*
	802.11ax160-HE0	111	6505	MCS0	15.78	NR*
	802.11be160-EHT0	111	6505	MCS0	15.80	15.67

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Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	16.00	NR*
		149	6695		16.00	NR*
		181	6855		16.00	NR*
	802.11ax20-HE0	117	6535	MCS0	16.00	NR*
		149	6695		16.00	NR*
		181	6855		16.00	NR*
	802.11be20-EHT0	117	6535	MCS0	16.00	NR*
		149	6695		16.00	NR*
		181	6855		16.00	NR*
	802.11ax40-HE0	115	6525	MCS0	16.00	NR*
		147	6685		16.00	NR*
		179	6845		16.00	NR*
	802.11be40-EHT0	115	6525	MCS0	16.00	NR*
		147	6685		16.00	NR*
		179	6845		16.00	NR*
	802.11ax80-HE0	135	6625	MCS0	16.00	NR*
		151	6705		16.00	NR*
		167	6785		16.00	NR*
	802.11be80-EHT0	135	6625	MCS0	16.00	NR*
		151	6705		16.00	NR*
		167	6785		16.00	NR*
	802.11ax160-HE0	143	6665	MCS0	16.00	15.48
		175	6825		16.00	14.89
	802.11be160-EHT0	143	6665	MCS0	16.00	NR*
		175	6825		16.00	NR*

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Ant 2						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	6.98	NR*
		209	6995		7.29	NR*
		233	7115		7.32	NR*
	802.11ax20-HE0	185	6875	MCS0	7.05	NR*
		209	6995		7.45	NR*
		233	7115		7.52	NR*
	802.11be20-EHT0	185	6875	MCS0	7.09	NR*
		209	6995		7.48	NR*
		233	7115		7.55	NR*
	802.11ax40-HE0	187	6885	MCS0	10.03	NR*
		227	7085		10.33	NR*
	802.11be40-EHT0	187	6885	MCS0	10.06	NR*
		227	7085		10.28	NR*
	802.11ax80-HE0	183	6865	MCS0	12.55	NR*
		199	6945		12.73	NR*
		215	7025		12.82	NR*
	802.11be80-EHT0	183	6865	MCS0	12.57	NR*
		199	6945		12.75	NR*
		215	7025		12.85	NR*
	802.11ax160-HE0	207	6985	MCS0	15.99	NR*
	802.11be160-EHT0	207	6985	MCS0	16.00	15.83

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7.7 Bluetooth

ANT1

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	12.00	10.27	10.34	NR*	10.34	NR*
	CH 39	2441	12.00	10.55	10.42	NR*	10.42	NR*
	CH 78	2480	12.00	10.42	10.39	NR*	10.39	NR*

ANT2

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	12.00	10.22	10.34	NR*	10.34	NR*
	CH 39	2441	12.00	10.48	10.42	NR*	10.42	NR*
	CH 78	2480	12.00	10.37	10.39	NR*	10.39	NR*

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ANT1

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	12.00	NR*
	CH 19	2440	12.00	NR*
	CH 39	2480	12.00	NR*
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	12.00	NR*
	CH 19	2440	12.00	NR*
	CH 39	2480	12.00	NR*

ANT2

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	12.00	NR*
	CH 19	2440	12.00	NR*
	CH 39	2480	12.00	NR*
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	12.00	NR*
	CH 19	2440	12.00	NR*
	CH 39	2480	12.00	NR*

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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	50	Bottom Surface	0	18700	1860	25.00	23.10	154.88%	0.059	0.091	-
LTE Band 2			1	0	Bottom Surface	0	18900	1880	25.00	23.24	149.97%	0.063	0.094	001
LTE Band 2			1	50	Bottom Surface	0	19100	1900	25.00	23.12	154.17%	0.054	0.083	-
LTE Band 2			50	0	Bottom Surface	0	18900	1880	24.00	23.17	121.06%	0.048	0.058	-
LTE Band 2			1	0	Bottom Surface*	0	18900	1880	25.00	23.24	149.97%	0.038	0.057	-
LTE Band 2			1	0	Bottom Surface**	0	18900	1880	25.00	23.24	149.97%	0.034	0.051	-
LTE Band 4	20MHz	QPSK	1	0	Bottom Surface	0	20050	1720	25.00	23.25	149.62%	0.097	0.145	002
LTE Band 4			1	0	Bottom Surface	0	20175	1732.5	25.00	23.14	153.46%	0.084	0.129	-
LTE Band 4			1	99	Bottom Surface	0	20300	1745	25.00	23.16	152.76%	0.085	0.130	-
LTE Band 4			50	25	Bottom Surface	0	20050	1720	24.00	22.17	152.41%	0.079	0.120	-
LTE Band 4			50	0	Bottom Surface	0	20175	1732.5	24.00	22.20	151.36%	0.073	0.110	-
LTE Band 4			1	0	Bottom Surface*	0	20050	1720	25.00	23.25	149.62%	0.055	0.082	-
LTE Band 4			1	0	Bottom Surface**	0	20050	1720	25.00	23.25	149.62%	0.046	0.069	-
LTE Band 5	10MHz	QPSK	1	0	Bottom Surface	0	20450	829	25.00	23.85	130.32%	0.012	0.016	-
LTE Band 5			1	0	Bottom Surface	0	20525	836.5	25.00	23.67	135.83%	0.011	0.015	-
LTE Band 5			1	0	Bottom Surface	0	20600	844	25.00	23.96	127.06%	0.015	0.019	003
LTE Band 5			25	12	Bottom Surface	0	20525	836.5	24.00	22.19	151.71%	0.009	0.014	-
LTE Band 5			1	0	Bottom Surface*	0	20600	844	25.00	23.96	127.06%	0.008	0.010	-
LTE Band 5			1	0	Bottom Surface**	0	20600	844	25.00	23.96	127.06%	0.007	0.009	-
LTE Band 7	20MHz	QPSK	1	0	Bottom Surface	0	20850	2510	25.00	23.21	151.01%	0.028	0.042	004
LTE Band 7			50	0	Bottom Surface	0	20850	2510	24.00	22.18	152.05%	0.019	0.029	-
LTE Band 7			1	0	Bottom Surface*	0	20850	2510	25.00	23.21	151.01%	0.016	0.024	-
LTE Band 7			1	0	Bottom Surface**	0	20850	2510	25.00	23.21	151.01%	0.014	0.021	-
LTE Band 12	10MHz	QPSK	1	0	Bottom Surface	0	23060	704	25.00	24.01	125.60%	0.016	0.020	-
LTE Band 12			1	0	Bottom Surface	0	23095	707.5	25.00	24.07	123.88%	0.020	0.025	005
LTE Band 12			1	0	Bottom Surface	0	23130	711	25.00	23.96	127.06%	0.015	0.019	-
LTE Band 12			25	25	Bottom Surface	0	23095	707.5	24.00	22.86	130.02%	0.011	0.014	-
LTE Band 12			1	0	Bottom Surface*	0	23095	707.5	25.00	24.07	123.88%	0.008	0.010	-
LTE Band 12			1	0	Bottom Surface**	0	23095	707.5	25.00	24.07	123.88%	0.004	0.005	-
LTE Band 13	10MHz	QPSK	1	0	Bottom Surface	0	23230	782	25.00	24.03	125.03%	0.014	0.018	006
LTE Band 13			25	12	Bottom Surface	0	23230	782	24.00	22.87	129.72%	0.008	0.010	-
LTE Band 13			1	0	Bottom Surface*	0	23230	782	25.00	24.03	125.03%	0.009	0.011	-
LTE Band 13			1	0	Bottom Surface**	0	23230	782	25.00	24.03	125.03%	0.007	0.009	-
LTE Band 14	10MHz	QPSK	1	0	Bottom Surface	0	23330	793	25.00	24.05	124.45%	0.010	0.012	007
LTE Band 14			25	12	Bottom Surface	0	23330	793	24.00	22.76	133.05%	0.004	0.005	-
LTE Band 14			1	0	Bottom Surface*	0	23330	793	25.00	24.05	124.45%	0.006	0.007	-
LTE Band 14			1	0	Bottom Surface**	0	23330	793	25.00	24.05	124.45%	0.003	0.004	-
LTE Band 17	10MHz	QPSK	1	0	Bottom Surface	0	23780	709	25.00	24.03	125.03%	0.028	0.035	-
LTE Band 17			1	0	Bottom Surface	0	23790	710	25.00	24.08	123.59%	0.019	0.023	-
LTE Band 17			1	0	Bottom Surface	0	23800	711	25.00	24.12	122.46%	0.030	0.037	008
LTE Band 17			25	25	Bottom Surface	0	23790	710	24.00	22.86	130.02%	0.011	0.014	-
LTE Band 17			1	0	Bottom Surface*	0	23800	711	25.00	24.12	122.46%	0.008	0.010	-
LTE Band 17			1	0	Bottom Surface**	0	23800	711	25.00	24.12	122.46%	0.004	0.005	-
LTE Band 25	20MHz	QPSK	1	50	Bottom Surface	0	26140	1860	25.00	23.13	153.82%	0.058	0.089	-
LTE Band 25			1	0	Bottom Surface	0	26365	1882.5	25.00	23.26	149.28%	0.068	0.102	009
LTE Band 25			1	0	Bottom Surface	0	26590	1905	25.00	23.17	152.41%	0.062	0.094	-
LTE Band 25			50	0	Bottom Surface	0	26140	1860	24.00	22.18	152.05%	0.048	0.073	-
LTE Band 25			1	0	Bottom Surface*	0	26365	1882.5	25.00	23.26	149.28%	0.052	0.078	-
LTE Band 25			1	0	Bottom Surface**	0	26365	1882.5	25.00	23.26	149.28%	0.042	0.063	-
LTE Band 26_FCC	15MHz	QPSK	1	0	Bottom Surface	0	26765	821.5	25.00	23.56	139.32%	0.048	0.067	-
LTE Band 26_FCC			1	0	Bottom Surface	0	26865	831.5	25.00	23.51	140.93%	0.057	0.080	-
LTE Band 26_FCC			1	0	Bottom Surface	0	26965	841.5	25.00	23.89	129.12%	0.066	0.085	010
LTE Band 26_FCC			36	0	Bottom Surface	0	26965	841.5	24.00	23.08	123.59%	0.039	0.048	-
LTE Band 26_FCC			1	0	Bottom Surface*	0	26965	841.5	25.00	23.89	129.12%	0.041	0.053	-
LTE Band 26_FCC			1	0	Bottom Surface**	0	26965	841.5	25.00	23.89	129.12%	0.034	0.044	-
LTE Band 30	10MHz	QPSK	1	0	Bottom Surface	0	27710	2310	23.00	21.24	149.97%	0.042	0.063	012
LTE Band 30			25	12	Bottom Surface	0	27710	2310	22.00	20.12	154.17%	0.028	0.043	-
LTE Band 30			1	0	Bottom Surface*	0	27710	2310	23.00	21.24	149.97%	0.026	0.039	-
LTE Band 30			1	0	Bottom Surface**	0	27710	2310	23.00	21.24	149.97%	0.024	0.036	-

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LTE Band 66	20MHz	QPSK	1	99	Bottom Surface	0	132072	1720	25.00	23.47	142.23%	0.098	0.139	-
LTE Band 66			1	99	Bottom Surface	0	132322	1745	25.00	23.42	143.88%	0.094	0.135	-
LTE Band 66			1	0	Bottom Surface	0	132572	1770	25.00	23.56	139.32%	0.107	0.149	013
LTE Band 66			50	25	Bottom Surface	0	132322	1745	24.00	22.48	141.91%	0.062	0.088	-
LTE Band 66			1	0	Bottom Surface*	0	132572	1770	25.00	23.56	139.32%	0.073	0.102	-
LTE Band 66			1	0	Bottom Surface**	0	132572	1770	25.00	23.56	139.32%	0.068	0.095	-
LTE Band 70	15MHz	QPSK	1	0	Bottom Surface	0	133047	1702.5	25.00	23.27	148.94%	0.121	0.180	014
LTE Band 70			36	0	Bottom Surface	0	133047	1702.5	24.00	22.11	154.53%	0.079	0.122	-
LTE Band 70			1	0	Bottom Surface*	0	133047	1702.5	25.00	23.27	148.94%	0.071	0.106	-
LTE Band 70			1	0	Bottom Surface**	0	133047	1702.5	25.00	23.27	148.94%	0.062	0.092	-
LTE Band 71	20MHz	QPSK	1	0	Bottom Surface	0	133222	673	25.00	23.62	137.40%	0.018	0.025	-
LTE Band 71			1	0	Bottom Surface	0	133297	680.5	25.00	24.32	116.95%	0.022	0.026	015
LTE Band 71			1	0	Bottom Surface	0	133372	688	25.00	23.72	134.28%	0.016	0.021	-
LTE Band 71			50	25	Bottom Surface	0	133297	680.5	24.00	22.15	153.11%	0.011	0.017	-
LTE Band 71			1	0	Bottom Surface*	0	133297	680.5	25.00	24.32	116.95%	0.012	0.014	-
LTE Band 71			1	0	Bottom Surface**	0	133297	680.5	25.00	24.32	116.95%	0.008	0.009	-
LTE Band 71			1	0	Bottom Surface**	0	133297	680.5	25.00	24.32	116.95%	0.008	0.009	-
LTE Band 106	3MHz	QPSK	1	0	Bottom Surface	0	179230	899	25.00	24.92	101.86%	0.024	0.024	016
LTE Band 106			8	4	Bottom Surface	0	179230	899	24.00	23.78	105.20%	0.016	0.017	-
LTE Band 106			1	0	Bottom Surface*	0	179230	899	25.00	24.92	101.86%	0.014	0.014	-
LTE Band 106			1	0	Bottom Surface**	0	179230	899	25.00	24.92	101.86%	0.011	0.011	-
LTE Band 38	20MHz	QPSK	1	0	Bottom Surface	0	37850	2580	25.00	23.41	144.21%	0.060	0.087	017
LTE Band 38			1	0	Bottom Surface	0	38000	2595	25.00	23.14	153.46%	0.058	0.089	-
LTE Band 38			1	50	Bottom Surface	0	38150	2610	25.00	23.19	151.71%	0.054	0.082	-
LTE Band 38			50	50	Bottom Surface	0	37850	2580	24.00	22.27	148.94%	0.037	0.055	-
LTE Band 38			1	0	Bottom Surface*	0	37850	2580	25.00	23.41	144.21%	0.042	0.061	-
LTE Band 38			1	0	Bottom Surface**	0	37850	2580	25.00	23.41	144.21%	0.038	0.055	-
LTE Band 41_PC3	20MHz	QPSK	1	99	Bottom Surface	0	39750	2506	25.00	23.21	151.01%	0.032	0.048	-
LTE Band 41_PC3			1	99	Bottom Surface	0	40185	2549.5	25.00	23.18	152.05%	0.029	0.044	-
LTE Band 41_PC3			1	99	Bottom Surface	0	40620	2593	25.00	23.14	153.46%	0.037	0.057	-
LTE Band 41_PC3			1	99	Bottom Surface	0	41055	2636.5	25.00	23.18	152.05%	0.034	0.052	-
LTE Band 41_PC3			1	0	Bottom Surface	0	41490	2680	25.00	23.25	149.62%	0.046	0.069	018
LTE Band 41_PC3			50	50	Bottom Surface	0	39750	2506	24.00	22.30	147.91%	0.021	0.031	-
LTE Band 41_PC3			1	0	Bottom Surface*	0	41490	2680	25.00	23.25	149.62%	0.025	0.037	-
LTE Band 41_PC3			1	0	Bottom Surface**	0	41490	2680	25.00	23.25	149.62%	0.022	0.033	-
LTE Band 42_Part1	20MHz	QPSK	1	0	Bottom Surface	0	41690	3410	22.00	21.64	108.64%	0.062	0.067	-
LTE Band 42_Part1			1	0	Bottom Surface	0	42590	3500	22.00	21.72	106.66%	0.077	0.082	020
LTE Band 42_Part1			1	0	Bottom Surface	0	43490	3590	22.00	21.52	111.69%	0.059	0.066	-
LTE Band 42_Part1			50	50	Bottom Surface	0	43490	3590	21.00	20.50	112.20%	0.048	0.054	-
LTE Band 42_Part1			1	0	Bottom Surface*	0	42590	3500	22.00	21.72	106.66%	0.049	0.052	-
LTE Band 42_Part1			1	0	Bottom Surface**	0	42590	3500	22.00	21.72	106.66%	0.041	0.044	-
LTE Band 42_Part2	20MHz	QPSK	1	0	Bottom Surface	0	41690	3410	22.00	21.59	109.90%	0.048	0.053	-
LTE Band 42_Part2			1	0	Bottom Surface	0	42590	3500	22.00	21.61	109.40%	0.051	0.056	021
LTE Band 42_Part2			1	0	Bottom Surface	0	43490	3590	22.00	21.36	115.88%	0.042	0.049	-
LTE Band 42_Part2			50	25	Bottom Surface	0	42590	3500	21.00	20.48	112.72%	0.034	0.038	-
LTE Band 42_Part2			1	0	Bottom Surface*	0	42590	3500	22.00	21.61	109.40%	0.028	0.031	-
LTE Band 42_Part2			1	0	Bottom Surface**	0	42590	3500	22.00	21.61	109.40%	0.022	0.024	-
LTE Band 43	20MHz	QPSK	1	99	Bottom Surface	0	43690	3410	22.00	21.49	112.46%	0.039	0.044	-
LTE Band 43			1	0	Bottom Surface	0	44090	3500	22.00	21.58	110.15%	0.052	0.057	023
LTE Band 43			1	50	Bottom Surface	0	44490	3590	22.00	21.39	115.08%	0.042	0.048	-
LTE Band 43			50	50	Bottom Surface	0	44090	3500	21.00	20.47	112.98%	0.034	0.038	-
LTE Band 43			1	0	Bottom Surface*	0	44090	3500	22.00	21.58	110.15%	0.028	0.031	-
LTE Band 43			1	0	Bottom Surface**	0	42590	3500	22.00	21.58	110.15%	0.021	0.023	-
LTE Band 48	20MHz	QPSK	1	0	Bottom Surface	0	55340	3560	22.00	21.78	105.20%	0.054	0.057	024
LTE Band 48			1	0	Bottom Surface	0	55830	3609	22.00	21.58	110.15%	0.048	0.053	-
LTE Band 48			1	0	Bottom Surface	0	56150	3641	22.00	21.49	112.46%	0.044	0.049	-
LTE Band 48			1	99	Bottom Surface	0	56640	3690	22.00	21.40	114.82%	0.038	0.044	-
LTE Band 48			50	25	Bottom Surface	0	55340	3560	21.00	20.47	112.98%	0.029	0.033	-
LTE Band 48			1	0	Bottom Surface*	0	55340	3560	22.00	21.78	105.20%	0.025	0.026	-
LTE Band 48			1	0	Bottom Surface**	0	55340	3560	22.00	21.78	105.20%	0.02	0.024	-

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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	
NR n2	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	372000	1860	25.00	23.11	154.53%	0.086	0.133	-
NR n2			1	1	Bottom Surface	0	376000	1880	25.00	23.27	148.94%	0.098	0.146	025
NR n2			1	104	Bottom Surface	0	380000	1900	25.00	23.16	152.76%	0.081	0.124	-
NR n2			50	28	Bottom Surface	0	376000	1880	25.00	23.18	152.05%	0.068	0.103	-
NR n2			1	1	Bottom Surface*	0	376000	1880	25.00	23.27	148.94%	0.058	0.086	-
NR n2			1	1	Bottom Surface**	0	376000	1880	25.00	23.27	148.94%	0.042	0.063	-
NR n5	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	166800	834	25.00	23.61	137.72%	0.020	0.028	026
NR n5			1	1	Bottom Surface	0	167300	836.5	25.00	23.56	139.32%	0.017	0.024	-
NR n5			1	1	Bottom Surface	0	167800	839	25.00	23.45	142.89%	0.015	0.021	-
NR n5			50	28	Bottom Surface	0	167800	839	25.00	23.14	153.46%	0.014	0.021	-
NR n5			1	1	Bottom Surface*	0	166800	834	25.00	23.61	137.72%	0.013	0.018	-
NR n5			1	1	Bottom Surface**	0	166800	834	25.00	23.61	137.72%	0.007	0.010	-
NR n7	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	502000	2510	25.00	23.48	141.91%	0.082	0.116	-
NR n7			1	1	Bottom Surface	0	507000	2535	25.00	23.46	142.56%	0.086	0.123	-
NR n7			1	1	Bottom Surface	0	512000	2560	25.00	23.57	139.00%	0.093	0.129	027
NR n7			50	28	Bottom Surface	0	502000	2510	25.00	23.19	151.71%	0.067	0.086	-
NR n7			1	1	Bottom Surface*	0	512000	2560	25.00	23.57	139.00%	0.062	0.086	-
NR n7			1	1	Bottom Surface**	0	512000	2560	25.00	23.57	139.00%	0.051	0.071	-
NR n12	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	141300	706.5	25.00	23.81	131.52%	0.012	0.016	-
NR n12			1	1	Bottom Surface	0	141500	707.5	25.00	23.84	130.62%	0.018	0.024	028
NR n12			1	1	Bottom Surface	0	141700	708.5	25.00	23.77	132.74%	0.016	0.021	-
NR n12			36	22	Bottom Surface	0	141300	706.5	25.00	23.20	151.36%	0.006	0.009	-
NR n12			1	1	Bottom Surface*	0	141500	707.5	25.00	23.84	130.62%	0.012	0.016	-
NR n12			1	1	Bottom Surface**	0	141500	707.5	25.00	23.84	130.62%	0.010	0.013	-
NR n13	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	156400	782	25.00	24.14	121.90%	0.012	0.015	029
NR n13			25	13	Bottom Surface	0	156400	782	25.00	23.08	155.60%	0.008	0.012	-
NR n13			1	1	Bottom Surface*	0	156400	782	25.00	24.14	121.90%	0.006	0.007	-
NR n13			1	1	Bottom Surface**	0	156400	782	25.00	24.14	121.90%	0.005	0.006	-
NR n14	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	158600	793	25.00	23.93	127.94%	0.019	0.024	030
NR n14			25	13	Bottom Surface	0	158600	793	25.00	23.13	153.82%	0.011	0.017	-
NR n14			1	1	Bottom Surface*	0	158600	793	25.00	23.93	127.94%	0.014	0.018	-
NR n14			1	1	Bottom Surface**	0	158600	793	25.00	23.93	127.94%	0.009	0.012	-
NR n25	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	372000	1860	25.00	23.45	142.89%	0.068	0.097	-
NR n25			1	1	Bottom Surface	0	376500	1882.5	25.00	23.79	132.13%	0.076	0.100	031
NR n25			1	1	Bottom Surface	0	381000	1905	25.00	23.53	140.28%	0.064	0.090	-
NR n25			50	28	Bottom Surface	0	372000	1860	25.00	23.17	152.41%	0.048	0.073	-
NR n25			1	1	Bottom Surface*	0	376500	1882.5	25.00	23.79	132.13%	0.042	0.055	-
NR n25			1	1	Bottom Surface**	0	376500	1882.5	25.00	23.79	132.13%	0.039	0.052	-
NR n26	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	164800	824	25.00	23.94	127.64%	0.008	0.010	-
NR n26			1	1	Bottom Surface	0	166300	831.5	25.00	24.35	116.14%	0.012	0.014	032
NR n26			1	1	Bottom Surface	0	167800	839	25.00	23.89	129.12%	0.009	0.012	-
NR n26			50	28	Bottom Surface	0	164800	824	25.00	23.15	153.11%	0.006	0.009	-
NR n26			1	1	Bottom Surface*	0	166300	831.5	25.00	24.35	116.14%	0.008	0.009	-
NR n26			1	1	Bottom Surface**	0	166300	831.5	25.00	24.35	116.14%	0.004	0.005	-
NR n30	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	462000	2310	23.00	22.94	101.39%	0.053	0.054	033
NR n30			25	13	Bottom Surface	0	462000	2310	23.00	21.16	152.76%	0.034	0.052	-
NR n30			1	1	Bottom Surface*	0	462000	2310	23.00	22.94	101.39%	0.031	0.031	-
NR n30			1	1	Bottom Surface**	0	462000	2310	23.00	22.94	101.39%	0.029	0.029	-
NR n66	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	344000	1720	25.00	23.79	132.13%	0.083	0.110	034
NR n66			1	1	Bottom Surface	0	349000	1745	25.00	23.74	133.66%	0.072	0.096	-
NR n66			1	1	Bottom Surface	0	354000	1770	25.00	23.77	132.74%	0.068	0.090	-
NR n66			50	28	Bottom Surface	0	344000	1720	25.00	23.13	153.82%	0.048	0.074	-
NR n66			1	1	Bottom Surface*	0	344000	1720	25.00	23.79	132.13%	0.053	0.070	-
NR n66			1	1	Bottom Surface**	0	344000	1720	25.00	23.79	132.13%	0.051	0.067	-
NR n70	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	340500	1702.5	25.00	23.14	153.46%	0.091	0.140	035
NR n70			36	22	Bottom Surface	0	340500	1702.5	25.00	23.07	155.96%	0.052	0.081	-
NR n70			1	1	Bottom Surface*	0	340500	1702.5	25.00	23.14	153.46%	0.042	0.064	-
NR n70			1	1	Bottom Surface**	0	340500	1702.5	25.00	23.14	153.46%	0.038	0.058	-
NR n71	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	134600	673	25.00	23.83	130.92%	0.014	0.018	036
NR n71			1	1	Bottom Surface	0	136100	680.5	25.00	23.75	133.35%	0.011	0.015	-
NR n71			1	1	Bottom Surface	0	137600	688	25.00	23.78	132.43%	0.012	0.016	-
NR n71			50	28	Bottom Surface	0	136100	680.5	25.00	23.17	152.41%	0.006	0.009	-
NR n71			50	28	Bottom Surface	0	137600	688	25.00	23.17	152.41%	0.008	0.012	-
NR n71			1	1	Bottom Surface*	0	134600	673	25.00	23.83	130.92%	0.006	0.008	-
NR n71			1	1	Bottom Surface**	0	134600	673	25.00	23.83	130.92%	0.004	0.005	-
NR n38	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	516000	2580	25.00	23.18	152.05%	0.072	0.109	-
NR n38			1	26	Bottom Surface	0	519000	2595	25.00	23.12	154.17%	0.068	0.105	-
NR n38			1	1	Bottom Surface	0	522000	2610	25.00	23.29	148.25%	0.083	0.123	037
NR n38			25	13	Bottom Surface	0	522000	2610	25.00	23.12	154.17%	0.041	0.063	-
NR n38			1	1	Bottom Surface*	0	522000	2610	25.00	23.29	148.25%	0.034	0.050	-
NR n38			1	1	Bottom Surface**	0	522000	2610	25.00	23.29	148.25%	0.029	0.043	-

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NR n41_PC3	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	501204	2506.02	25.00	24.06	124.17%	0.041	0.051	-
NR n41_PC3			1	1	Bottom Surface	0	518598	2592.99	25.00	24.34	116.41%	0.048	0.056	038
NR n41_PC3			1	1	Bottom Surface	0	535998	2679.99	25.00	23.95	127.35%	0.038	0.048	-
NR n41_PC3			25	13	Bottom Surface	0	535998	2679.99	25.00	23.16	152.76%	0.028	0.043	-
NR n41_PC3			1	1	Bottom Surface*	0	518598	2592.99	25.00	24.34	116.41%	0.014	0.016	-
NR n41_PC3			1	1	Bottom Surface**	0	518598	2592.99	25.00	24.34	116.41%	0.011	0.013	-
NR n41_PC2	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	501204	2506.02	27.00	25.88	129.42%	0.038	0.049	-
NR n41_PC2			1	1	Bottom Surface	0	518598	2592.99	27.00	26.01	125.60%	0.059	0.074	039
NR n41_PC2			1	1	Bottom Surface	0	535998	2679.99	27.00	25.47	142.23%	0.041	0.058	-
NR n41_PC2			25	13	Bottom Surface	0	518598	2592.99	27.00	25.07	155.96%	0.022	0.034	-
NR n41_PC2			1	1	Bottom Surface*	0	518598	2592.99	27.00	26.01	125.60%	0.029	0.036	-
NR n41_PC2			1	1	Bottom Surface**	0	518598	2592.99	27.00	26.01	125.60%	0.024	0.030	-
NR n48	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	637334	3560.01	22.00	21.61	109.40%	0.062	0.068	040
NR n48			1	1	Bottom Surface	0	641668	3625.02	22.00	21.56	110.66%	0.051	0.056	-
NR n48			1	1	Bottom Surface	0	646000	3690	22.00	21.51	111.94%	0.048	0.054	-
NR n48			25	13	Bottom Surface	0	637334	3560.01	22.00	20.16	152.76%	0.044	0.067	-
NR n48			1	1	Bottom Surface*	0	637334	3560.01	22.00	21.61	109.40%	0.032	0.035	-
NR n48			1	1	Bottom Surface**	0	637334	3560.01	22.00	21.61	109.40%	0.021	0.023	-
NR n77_PC3_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	647334	3710.01	25.00	24.85	103.51%	0.087	0.090	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	651667	3775.005	25.00	24.82	104.23%	0.086	0.090	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	656000	3840	25.00	24.92	101.86%	0.109	0.111	041
NR n77_PC3_FCC			1	1	Bottom Surface	0	660334	3905.01	25.00	24.89	102.57%	0.091	0.093	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	664666	3969.99	25.00	24.85	103.51%	0.095	0.098	-
NR n77_PC3_FCC			25	13	Bottom Surface	0	647334	3710.01	25.00	23.19	151.71%	0.062	0.094	-
NR n77_PC3_FCC			1	1	Bottom Surface*	0	656000	3840	25.00	24.92	101.86%	0.077	0.078	-
NR n77_PC3_FCC			1	1	Bottom Surface**	0	656000	3840	25.00	24.92	101.86%	0.064	0.065	-
NR n77_PC2_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	647334	3710.01	27.00	25.68	135.52%	0.064	0.087	-
NR n77_PC2_FCC			1	1	Bottom Surface	0	651667	3775.005	27.00	25.76	133.05%	0.062	0.082	-
NR n77_PC2_FCC			1	1	Bottom Surface	0	656000	3840	27.00	26.22	119.67%	0.102	0.122	042
NR n77_PC2_FCC			1	1	Bottom Surface	0	660334	3905.01	27.00	25.43	143.55%	0.072	0.103	-
NR n77_PC2_FCC			1	1	Bottom Surface	0	664666	3969.99	27.00	25.23	150.31%	0.069	0.104	-
NR n77_PC2_FCC			25	13	Bottom Surface	0	656000	3840	27.00	25.19	151.71%	0.059	0.090	-
NR n77_PC2_FCC			1	1	Bottom Surface*	0	656000	3840	27.00	26.22	119.67%	0.064	0.077	-
NR n77_PC2_FCC			1	1	Bottom Surface**	0	656000	3840	27.00	26.22	119.67%	0.052	0.062	-
NR n77 & n78_PC3_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	630667	3460.005	25.00	24.46	113.24%	0.077	0.087	-
NR n77 & n78_PC3_FCC			1	1	Bottom Surface	0	633334	3500.01	25.00	24.78	105.20%	0.087	0.092	043
NR n77 & n78_PC3_FCC			1	1	Bottom Surface	0	636000	3540	25.00	24.63	108.89%	0.071	0.077	-
NR n77 & n78_PC3_FCC			25	13	Bottom Surface	0	633334	3500.01	25.00	23.10	154.88%	0.061	0.094	-
NR n77 & n78_PC3_FCC			1	1	Bottom Surface*	0	633334	3500.01	25.00	24.78	105.20%	0.043	0.045	-
NR n77 & n78_PC3_FCC			1	1	Bottom Surface**	0	633334	3500.01	25.00	24.78	105.20%	0.038	0.040	-
NR n77 & n78_PC2_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	630667	3460.005	27.00	26.31	117.22%	0.081	0.095	-
NR n77 & n78_PC2_FCC			1	1	Bottom Surface	0	633334	3500.01	27.00	26.50	112.20%	0.094	0.105	044
NR n77 & n78_PC2_FCC			1	1	Bottom Surface	0	636000	3540	27.00	26.36	115.88%	0.078	0.090	-
NR n77 & n78_PC2_FCC			25	13	Bottom Surface	0	630667	3460.005	27.00	25.10	154.88%	0.062	0.096	-
NR n77 & n78_PC2_FCC			1	1	Bottom Surface*	0	633334	3500.01	27.00	26.50	112.20%	0.051	0.057	-
NR n77 & n78_PC2_FCC			1	1	Bottom Surface**	0	633334	3500.01	27.00	26.50	112.20%	0.043	0.048	-
NR n78_PC3_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	647334	3710.01	25.00	24.89	102.57%	0.068	0.070	-
NR n78_PC3_FCC			1	1	Bottom Surface	0	650000	3750	25.00	24.95	101.16%	0.080	0.081	047
NR n78_PC3_FCC			1	1	Bottom Surface	0	652666	3789.99	25.00	24.91	102.09%	0.071	0.072	-
NR n78_PC3_FCC			25	13	Bottom Surface	0	647334	3710.01	25.00	23.11	154.53%	0.041	0.063	-
NR n78_PC3_FCC			1	1	Bottom Surface*	0	650000	3750	25.00	24.95	101.16%	0.042	0.042	-
NR n78_PC3_FCC			1	1	Bottom Surface**	0	650000	3750	25.00	24.95	101.16%	0.038	0.038	-
NR n78_PC2_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	647334	3710.01	27.00	26.57	110.41%	0.081	0.089	-
NR n78_PC2_FCC			1	1	Bottom Surface	0	650000	3750	27.00	26.78	105.20%	0.087	0.092	048
NR n78_PC2_FCC			1	1	Bottom Surface	0	652666	3789.99	27.00	26.63	108.89%	0.082	0.089	-
NR n78_PC2_FCC			25	13	Bottom Surface	0	650000	3750	27.00	25.13	153.82%	0.046	0.071	-
NR n78_PC2_FCC			25	13	Bottom Surface	0	652666	3789.99	27.00	25.13	153.82%	0.042	0.065	-
NR n78_PC2_FCC			1	1	Bottom Surface*	0	650000	3750	27.00	26.78	105.20%	0.052	0.055	-
NR n78_PC2_FCC			1	1	Bottom Surface**	0	650000	3750	27.00	26.78	105.20%	0.04	0.046	-

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Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant 1	Bottom Surface	0	1	2412	23.32	22.74	1.01	114.29%	0.138	0.160	-
WLAN 802.11b	Ant 1	Bottom Surface	0	6	2437	23.50	22.85	1.01	116.14%	0.141	0.166	093
WLAN 802.11b	Ant 1	Bottom Surface	0	11	2462	23.34	22.51	1.01	121.06%	0.134	0.164	-
WLAN 802.11b	Ant 1	Bottom Surface*	0	6	2437	23.50	22.85	1.01	116.14%	0.127	0.149	-
WLAN 802.11b	Ant 1	Bottom Surface**	0	6	2437	23.50	22.85	1.01	116.14%	0.118	0.139	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant 1	Bottom Surface	0	00	2402	12.00	10.27	1.30	148.94%	0.007	0.014	-
Bluetooth(GFSK)	Ant 1	Bottom Surface	0	39	2441	12.00	10.55	1.30	139.64%	0.011	0.020	094
Bluetooth(GFSK)	Ant 1	Bottom Surface	0	78	2480	12.00	10.42	1.30	143.88%	0.009	0.017	-
Bluetooth(GFSK)	Ant 1	Bottom Surface*	0	39	2441	12.00	10.55	1.30	139.64%	0.009	0.016	-
Bluetooth(GFSK)	Ant 1	Bottom Surface**	0	39	2441	12.00	10.55	1.30	139.64%	0.006	0.011	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11be(20M) 5.2G	Ant 1	Bottom Surface	0	36	5180	20.38	20.26	1.03	102.80%	0.043	0.046	-
WLAN 802.11be(20M) 5.2G	Ant 1	Bottom Surface	0	40	5200	21.78	21.27	1.03	112.46%	0.047	0.055	-
WLAN 802.11be(20M) 5.2G	Ant 1	Bottom Surface	0	44	5220	21.73	21.24	1.03	111.94%	0.041	0.047	-
WLAN 802.11be(20M) 5.2G	Ant 1	Bottom Surface	0	48	5240	21.73	21.38	1.03	108.39%	0.052	0.058	095
WLAN 802.11be(20M) 5.2G	Ant 1	Bottom Surface*	0	48	5240	21.73	21.38	1.03	108.39%	0.039	0.044	-
WLAN 802.11be(20M) 5.2G	Ant 1	Bottom Surface**	0	48	5240	21.73	21.38	1.03	108.39%	0.033	0.037	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11be(40M) 5.3G	Ant 1	Bottom Surface	0	54	5270	22.06	21.87	1.03	104.47%	0.022	0.024	096
WLAN 802.11be(40M) 5.3G	Ant 1	Bottom Surface	0	62	5310	19.13	18.48	1.03	116.14%	0.014	0.017	-
WLAN 802.11be(40M) 5.3G	Ant 1	Bottom Surface*	0	54	5270	22.06	21.87	1.03	104.47%	0.017	0.018	-
WLAN 802.11be(40M) 5.3G	Ant 1	Bottom Surface**	0	54	5270	22.06	21.87	1.03	104.47%	0.011	0.012	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.6G	Ant 1	Bottom Surface	0	106	5530	18.44	17.86	1.01	114.29%	0.062	0.072	-
WLAN 802.11ac(80M) 5.6G	Ant 1	Bottom Surface	0	122	5610	19.50	18.93	1.01	114.02%	0.055	0.063	-
WLAN 802.11ac(80M) 5.6G	Ant 1	Bottom Surface	0	138	5690	19.50	18.98	1.01	112.72%	0.085	0.097	097
WLAN 802.11ac(80M) 5.6G	Ant 1	Bottom Surface*	0	122	5610	19.50	18.93	1.01	114.02%	0.035	0.040	-
WLAN 802.11ac(80M) 5.6G	Ant 1	Bottom Surface*	0	138	5690	19.50	18.98	1.01	112.72%	0.043	0.049	-
WLAN 802.11ac(80M) 5.6G	Ant 1	Bottom Surface**	0	122	5610	19.50	18.93	1.01	114.02%	0.030	0.035	-
WLAN 802.11ac(80M) 5.6G	Ant 1	Bottom Surface**	0	138	5690	19.50	18.98	1.01	112.72%	0.039	0.044	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant 1	Bottom Surface	0	155	5775	19.50	19.38	1.01	102.80%	0.078	0.081	098
WLAN 802.11ac(80M) 5.8G	Ant 1	Bottom Surface*	0	155	5775	19.50	19.38	1.01	102.80%	0.052	0.054	-
WLAN 802.11ac(80M) 5.8G	Ant 1	Bottom Surface**	0	155	5775	19.50	19.38	1.01	102.80%	0.043	0.045	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.9G	Ant 1	Bottom Surface	0	171	5855	19.50	18.92	1.01	114.29%	0.048	0.055	099
WLAN 802.11ac(80M) 5.9G	Ant 1	Bottom Surface*	0	171	5855	19.50	18.92	1.01	114.29%	0.045	0.052	-
WLAN 802.11ac(80M) 5.9G	Ant 1	Bottom Surface**	0	171	5855	19.50	18.92	1.01	114.29%	0.039	0.045	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Ant 2	Bottom Surface	0	1	2412	23.32	22.97	1.01	108.39%	0.051	0.056	-
WLAN 802.11b	Ant 2	Bottom Surface	0	6	2437	24.21	23.83	1.01	109.14%	0.068	0.075	100
WLAN 802.11b	Ant 2	Bottom Surface	0	11	2462	23.34	23.17	1.01	103.99%	0.062	0.065	-
WLAN 802.11b	Ant 2	Bottom Surface*	0	6	2437	24.21	23.83	1.01	109.14%	0.061	0.067	-
WLAN 802.11b	Ant 2	Bottom Surface**	0	6	2437	24.21	23.83	1.01	109.14%	0.054	0.060	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant 2	Bottom Surface	0	00	2402	12.00	10.22	1.30	150.66%	0.005	0.010	-
Bluetooth(GFSK)	Ant 2	Bottom Surface	0	39	2441	12.00	10.48	1.30	141.91%	0.009	0.016	101
Bluetooth(GFSK)	Ant 2	Bottom Surface	0	78	2480	12.00	10.37	1.30	145.55%	0.007	0.013	-
Bluetooth(GFSK)	Ant 2	Bottom Surface*	0	39	2441	12.00	10.48	1.30	141.91%	0.006	0.011	-
Bluetooth(GFSK)	Ant 2	Bottom Surface**	0	39	2441	12.00	10.48	1.30	141.91%	0.004	0.007	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11be(20M) 5.2G	Ant 2	Bottom Surface	0	36	5180	20.38	20.08	1.03	107.15%	0.033	0.037	-
WLAN 802.11be(20M) 5.2G	Ant 2	Bottom Surface	0	40	5200	21.78	20.12	1.03	146.55%	0.036	0.055	-
WLAN 802.11be(20M) 5.2G	Ant 2	Bottom Surface	0	44	5220	21.73	20.63	1.03	128.82%	0.042	0.056	-
WLAN 802.11be(20M) 5.2G	Ant 2	Bottom Surface	0	48	5240	21.73	20.78	1.03	124.45%	0.045	0.058	102
WLAN 802.11be(20M) 5.2G	Ant 2	Bottom Surface*	0	48	5240	21.73	20.78	1.03	124.45%	0.038	0.049	-
WLAN 802.11be(20M) 5.2G	Ant 2	Bottom Surface**	0	48	5240	21.73	20.78	1.03	124.45%	0.033	0.042	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11be(40M) 5.3G	Ant 2	Bottom Surface	0	54	5270	22.06	21.68	1.03	109.14%	0.031	0.035	103
WLAN 802.11be(40M) 5.3G	Ant 2	Bottom Surface	0	62	5310	19.13	18.76	1.03	108.89%	0.024	0.027	-
WLAN 802.11be(40M) 5.3G	Ant 2	Bottom Surface*	0	54	5270	22.06	21.68	1.03	109.14%	0.027	0.030	-
WLAN 802.11be(40M) 5.3G	Ant 2	Bottom Surface**	0	54	5270	22.06	21.68	1.03	109.14%	0.021	0.024	-

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Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.6G	Ant 2	Bottom Surface	0	106	5530	18.44	18.04	1.01	109.65%	0.019	0.021	-
WLAN 802.11ac(80M) 5.6G	Ant 2	Bottom Surface	0	122	5610	20.90	20.33	1.01	114.02%	0.021	0.024	104
WLAN 802.11ac(80M) 5.6G	Ant 2	Bottom Surface	0	138	5690	20.32	20.25	1.01	101.62%	0.016	0.016	-
WLAN 802.11ac(80M) 5.6G	Ant 2	Bottom Surface*	0	122	5610	20.90	20.33	1.01	114.02%	0.013	0.015	-
WLAN 802.11ac(80M) 5.6G	Ant 2	Bottom Surface**	0	122	5610	20.90	20.33	1.01	114.02%	0.011	0.013	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant 2	Bottom Surface	0	155	5775	21.50	20.87	1.01	115.61%	0.033	0.039	105
WLAN 802.11ac(80M) 5.8G	Ant 2	Bottom Surface*	0	155	5775	21.50	20.87	1.01	115.61%	0.021	0.025	-
WLAN 802.11ac(80M) 5.8G	Ant 2	Bottom Surface**	0	155	5775	21.50	20.87	1.01	115.61%	0.015	0.018	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.9G	Ant 2	Bottom Surface	0	171	5855	21.50	20.72	1.01	119.67%	0.038	0.046	106
WLAN 802.11ac(80M) 5.9G	Ant 2	Bottom Surface*	0	171	5855	21.50	20.72	1.01	119.67%	0.024	0.029	-
WLAN 802.11ac(80M) 5.9G	Ant 2	Bottom Surface**	0	171	5855	21.50	20.72	1.01	119.67%	0.021	0.025	-

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11ax(160M)	Ant 1	Bottom Surface	0	15	6025	15.50	15.41	1.01	102.09%	0.045	0.046	0.432	0.446	107
U-NII-5 6.2GHz 802.11ax(160M)	Ant 1	Bottom Surface	0	47	6185	15.50	15.38	1.01	102.80%	0.031	0.032	0.422	0.439	-
U-NII-5 6.2GHz 802.11ax(160M)	Ant 1	Bottom Surface	0	79	6345	15.50	15.09	1.01	109.90%	0.039	0.043	0.389	0.433	-
U-NII-5 6.2GHz 802.11ax(160M)	Ant 1	Bottom Surface*	0	15	6025	15.50	15.41	1.01	102.09%	0.035	0.036	0.376	0.388	-
U-NII-5 6.2GHz 802.11ax(160M)	Ant 1	Bottom Surface**	0	15	6025	15.50	15.41	1.01	102.09%	0.030	0.031	0.366	0.378	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(160M)	Ant 1	Bottom Surface	0	111	6505	15.80	15.67	1.02	103.04%	0.032	0.034	0.314	0.329	108
U-NII-6 6.5GHz 802.11be(160M)	Ant 1	Bottom Surface*	0	111	6505	15.80	15.67	1.02	103.04%	0.028	0.029	0.264	0.277	-
U-NII-6 6.5GHz 802.11be(160M)	Ant 1	Bottom Surface**	0	111	6505	15.80	15.67	1.02	103.04%	0.022	0.023	0.243	0.255	-
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)	Ant 1	Bottom Surface	0	143	6665	16.00	15.39	1.01	115.08%	0.060	0.070	0.587	0.684	109
U-NII-7 6.7GHz 802.11ax(160M)	Ant 1	Bottom Surface	0	175	6825	16.00	15.04	1.01	124.74%	0.048	0.061	0.525	0.663	-
U-NII-7 6.7GHz 802.11ax(160M)	Ant 1	Bottom Surface*	0	143	6665	16.00	15.39	1.01	115.08%	0.035	0.041	0.514	0.599	-
U-NII-7 6.7GHz 802.11ax(160M)	Ant 1	Bottom Surface**	0	143	6665	16.00	15.39	1.01	115.08%	0.031	0.036	0.506	0.589	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(160M)	Ant 1	Bottom Surface	0	207	6985	16.00	15.99	1.02	100.23%	0.015	0.015	0.134	0.137	110
U-NII-8 7.0GHz 802.11be(160M)	Ant 1	Bottom Surface*	0	207	6985	16.00	15.99	1.02	100.23%	0.012	0.012	0.112	0.114	-
U-NII-8 7.0GHz 802.11be(160M)	Ant 1	Bottom Surface**	0	207	6985	16.00	15.99	1.02	100.23%	0.011	0.011	0.108	0.110	-
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)	Ant 2	Bottom Surface	0	15	6025	15.50	15.19	1.01	107.40%	0.017	0.018	0.215	0.234	-
U-NII-5 6.2GHz 802.11ax(160M)	Ant 2	Bottom Surface	0	47	6185	15.50	15.16	1.01	108.14%	0.022	0.024	0.217	0.237	-
U-NII-5 6.2GHz 802.11ax(160M)	Ant 2	Bottom Surface	0	79	6345	15.50	15.47	1.01	100.69%	0.026	0.026	0.237	0.242	111
U-NII-5 6.2GHz 802.11ax(160M)	Ant 2	Bottom Surface*	0	79	6345	15.50	15.47	1.01	100.69%	0.022	0.022	0.218	0.222	-
U-NII-5 6.2GHz 802.11ax(160M)	Ant 2	Bottom Surface**	0	79	6345	15.50	15.47	1.01	100.69%	0.017	0.017	0.203	0.207	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(160M)	Ant 2	Bottom Surface	0	111	6505	15.80	15.67	1.02	103.04%	0.020	0.021	0.183	0.192	112
U-NII-6 6.5GHz 802.11be(160M)	Ant 2	Bottom Surface*	0	111	6505	15.80	15.67	1.02	103.04%	0.017	0.018	0.162	0.170	-
U-NII-6 6.5GHz 802.11be(160M)	Ant 2	Bottom Surface**	0	111	6505	15.80	15.67	1.02	103.04%	0.014	0.015	0.158	0.166	-
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)	Ant 2	Bottom Surface	0	143	6665	16.00	15.48	1.01	112.72%	0.019	0.022	0.175	0.200	113
U-NII-7 6.7GHz 802.11ax(160M)	Ant 2	Bottom Surface	0	175	6825	16.00	14.89	1.01	129.12%	0.014	0.018	0.152	0.199	-
U-NII-7 6.7GHz 802.11ax(160M)	Ant 2	Bottom Surface*	0	143	6665	16.00	15.48	1.01	112.72%	0.013	0.015	0.146	0.167	-
U-NII-7 6.7GHz 802.11ax(160M)	Ant 2	Bottom Surface**	0	143	6665	16.00	15.48	1.01	112.72%	0.009	0.010	0.138	0.157	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11be(160M)	Ant 2	Bottom Surface	0	207	6985	16.00	15.83	1.02	103.99%	0.016	0.017	0.149	0.158	114
U-NII-8 7.0GHz 802.11be(160M)	Ant 2	Bottom Surface*	0	207	6985	16.00	15.83	1.02	103.99%	0.011	0.012	0.133	0.141	-
U-NII-8 7.0GHz 802.11be(160M)	Ant 2	Bottom Surface**	0	207	6985	16.00	15.83	1.02	103.99%	0.008	0.008	0.121	0.128	-

Note: * - Spot Check Vendor 1

** - Spot Check Vendor 2

Note:

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

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

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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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(160M) U-NII-7	Ant 1	Bottom Surface	2	143	6665	16.00	15.39	115.08%	1.01	1.55	0.283	0.511	0.265	0.478	115
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(160M) U-NII-5	Ant 2	Bottom Surface	2	79	6345	15.50	15.47	100.69%	1.01	1.55	1.350	2.132	1.310	2.069	116

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
WWAN + WLAN 2.4GHz Ant2 + WLAN 2.4GHz Ant1
WWAN + WLAN 5GHz Ant2 + WLAN5GHz Ant1 + BT Ant2 +BT Ant1
WWAN + WLAN 6GHz Ant2 + WLAN 6GHz Ant1 + BT Ant2 +BT Ant1
WWAN + WLAN 2.4GHz Ant2 + WLAN 5GHz Ant1
WWAN + WLAN 5GHz Ant2 + WLAN 2.4GHz Ant1
WWAN + WLAN 2.4GHz Ant2 + WLAN 6GHz Ant1
WWAN + WLAN 6GHz Ant2 + WLAN 2.4GHz Ant1
WWAN + WLAN 5GHz Ant2 + WLAN 6GHz Ant1
WWAN + WLAN 6GHz Ant2 + WLAN 5GHz Ant1

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t (886-2) 2299-3279

f (886-2) 2298-0488

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9.2 Estimated SAR calculation

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

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

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

9.3 SPLSR evaluation and analysis

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

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

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

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

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

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Simultaneous Transmission Combination

Exposure Position	Reported SAR									Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9
	0	1	2	3	4	5	6	7	8	0+1+2	0+3+4+5+6	0+1+4	0+2+3	0+5+6+7+8	0+1+8	0+2+7	0+3+8	0+4+7
	Maximum W/WAN	2.4GHz WLAN Ant 1	2.4GHz WLAN Ant 2	5GHz WLAN Ant 1	5GHz WLAN Ant 2	Bluetooth Ant 1	Bluetooth Ant 2	6GHz WLAN Ant 1	6GHz WLAN Ant 2	Summed 1g SAR <1.6 (W/kg)								
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)									
Bottom Surface	0	0.180	0.166	0.075	0.097	0.058	0.020	0.016	0.070	0.421	0.371	0.404	0.382	0.312	0.372	0.325	0.303	0.308

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	Dosimetric E-Field Probe	EX3DV4	7509	Apr/23/2026	Apr/22/2027
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	D900V2	178	Apr/14/2025	Apr/13/2028
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	D2600V2	1005	Jan/14/2025	Jan/13/2028
SPEAG	System Validation Dipole	D3300V2	1013	Nov/18/2025	Nov/17/2028
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	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	182996	Apr/09/2026	Apr/08/2027
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
Anritsu	Radio Communication Test	MT8820C	6201061049	Nov/29/2025	Nov/28/2026
SPEAG	Software	DASY 6 V16.0.2.136	N/A	Calibration not required	Calibration not required
SPEAG	Software	DASY 52 V52.10.4.1527	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
LKM	Digital thermometer	DTM3000	3896	Jan/09/2026	Jan/08/2027
TECEP	Digital thermometer	DTM-303A	TP131515	Jun/05/2026	Jun/04/2027

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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	7509	Apr/23/2026	Apr/22/2027
SPEAG	Dosimetric E-Field Probe	EX3DV4	7754	Nov/28/2025	Nov/27/2026
SPEAG	E-field Probe for Near Field Application	EUmmWV4	9643	Apr/24/2026	Apr/23/2027
SPEAG	System Validation Dipole	D2450V2	727	Apr/15/2025	Apr/14/2028
SPEAG	System Validation Dipole	D5GHzV2	1349	Mar/19/2024	Mar/18/2027
SPEAG	System Validation Dipole	D6.5GHzV2	1006	Aug/12/2025	Aug/11/2028
SPEAG	System Validation Dipole	D7GHzV2	1007	Aug/12/2025	Aug/11/2028
SPEAG	5G Verification Source 10GHz	5G-Veri10	1021	Jan/15/2026	Jan/14/2027
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/19/2026	Feb/18/2027
Keysight	EXA Signal Analyzer	N9010B	MY60242392	Dec/24/2025	Dec/23/2026
R&S	MXG Analog Signal Generator	SMB100A03	182996	Apr/09/2026	Apr/08/2027
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
Agilent	Network Analyzer	E5071C	MY46107530	Apr/23/2026	Apr/22/2027
Keysight	Economy calibration kit	85032E	MY61410221	May/29/2026	May/28/2027
SPEAG	Software	DASY 6 V16.0.2.136	N/A	Calibration not required	Calibration not required
SPEAG	Software	DASY 52 V52.10.4.1527	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

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11 UNCERTAINTY BUDGET

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

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
<i>Isotropy, Axial</i>	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	3.75%	N	1	1	0.64	0.43	2.40%	1.61%	M
Liquid Conductivity (mea.)	3.27%	N	1	1	0.6	0.49	1.96%	1.60%	M
Combined standard uncertainty		RSS					12.12%	11.93%	
Expan uncertainty (95% confidence interval), K=2							24.24%	23.85%	

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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.)	3.63%	N	1	1	0.64	0.43	2.32%	1.56%	M
Liquid Conductivity (mea.)	4.73%	N	1	1	0.6	0.49	2.84%	2.32%	M
Combined standard uncertainty		RSS					11.99%	11.75%	
Expant uncertainty (95% confidence interval), K=2							23.98%	23.49%	

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t (886-2) 2299-3279

f (886-2) 2298-0488

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

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

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f (886-2) 2298-0488

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

a	b	c	d		e	f=b * e / d	g
Source of Uncertainty	Uncertainty Value (+dB)	Probability Distribution	Div.	Div. Value	ci	Std. uncertainty (+dB)	(vi) Veff
Uncertainty terms dependent on the measurement system							
Probe calibration	0.49	N	1	1	1	0.49	∞
Probe correction	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Frequency response ($BW \leq 1\text{GHz}$)	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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f (886-2) 2298-0488

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12 SAR MEASUREMENT RESULTS

Date: 2026/7/14

ID: 001

Report No. :TESA2606000463ES

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

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.371 \text{ S/m}$; $\epsilon_r = 38.657$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.1°C; Liquid temperature: 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.29, 8.03, 8.44) @ 1880 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0821 W/kg

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

Reference Value = 7.508 V/m; Power Drift = 0.05 dB

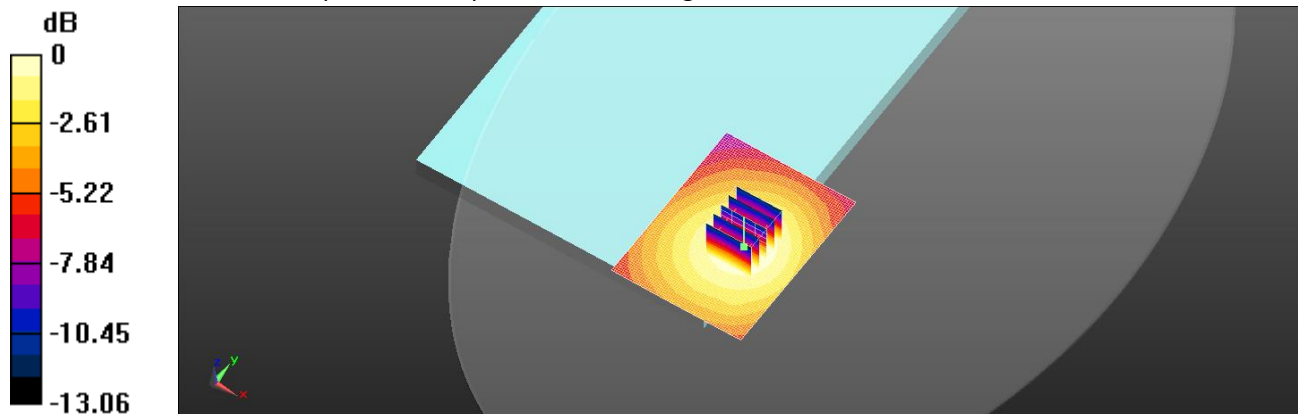
Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.042 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.0841 W/kg



0 dB = 0.0841 W/kg = -10.75 dBW/kg

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Date: 2026/7/14

ID: 002

Report No. :TESA2606000463ES

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

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.342 \text{ S/m}$; $\epsilon_r = 38.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.1°C; Liquid temperature: 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.41, 8.15, 8.57) @ 1720 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.125 W/kg

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

Reference Value = 9.016 V/m; Power Drift = -0.01 dB

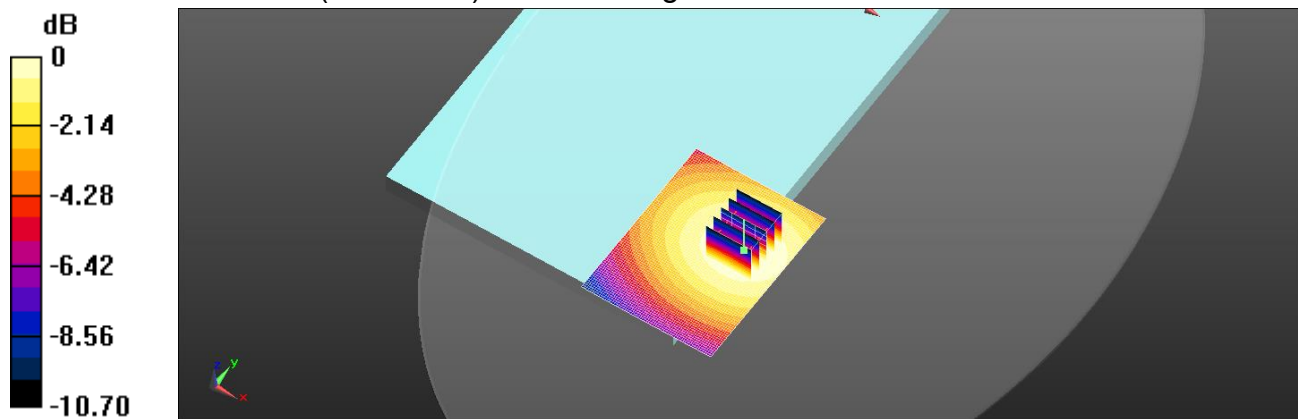
Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.067 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68%

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/10

ID: 003

Report No. :TESA2606000463ES

LTE Band 5 (10MHz)_Body_Bottom Surface_CH 20600_QPSK_1-0_0mm

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 40.097$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.91, 9.6, 10.1) @ 844 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0190 W/kg

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

Reference Value = 4.478 V/m; Power Drift = -0.03 dB

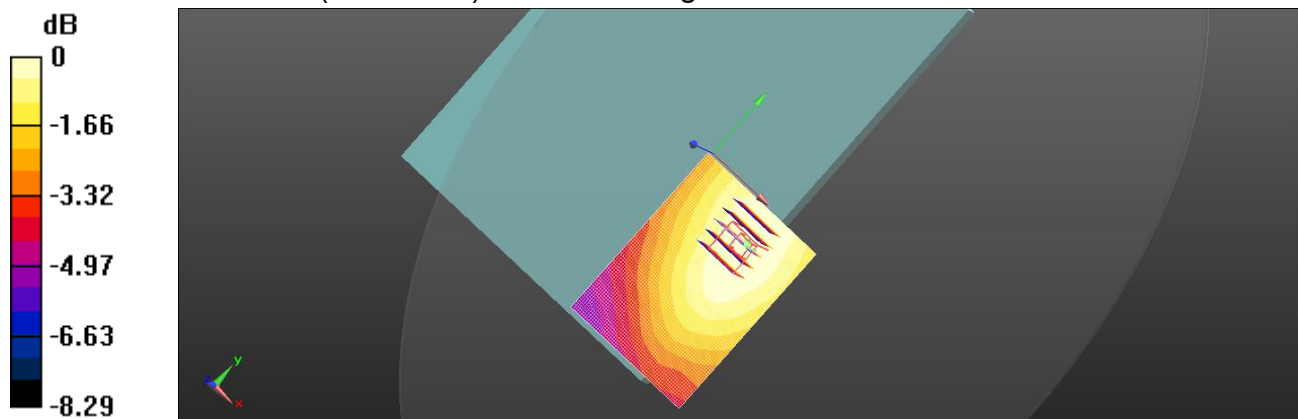
Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0189 W/kg



0 dB = 0.0189 W/kg = -17.24 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/17

ID: 004

Report No. :TESA2606000463ES

LTE Band 7 (20MHz)_Body_Bottom Surface_CH 20850_QPSK_1-0_0mm

Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.856 \text{ S/m}$; $\epsilon_r = 37.727$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.9°C; Liquid temperature: 22.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.69, 7.45, 7.84) @ 2510 MHz; Calibrated: 2026/04/23
- 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 (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0410 W/kg

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

Reference Value = 0.9900 V/m; Power Drift = -0.17 dB

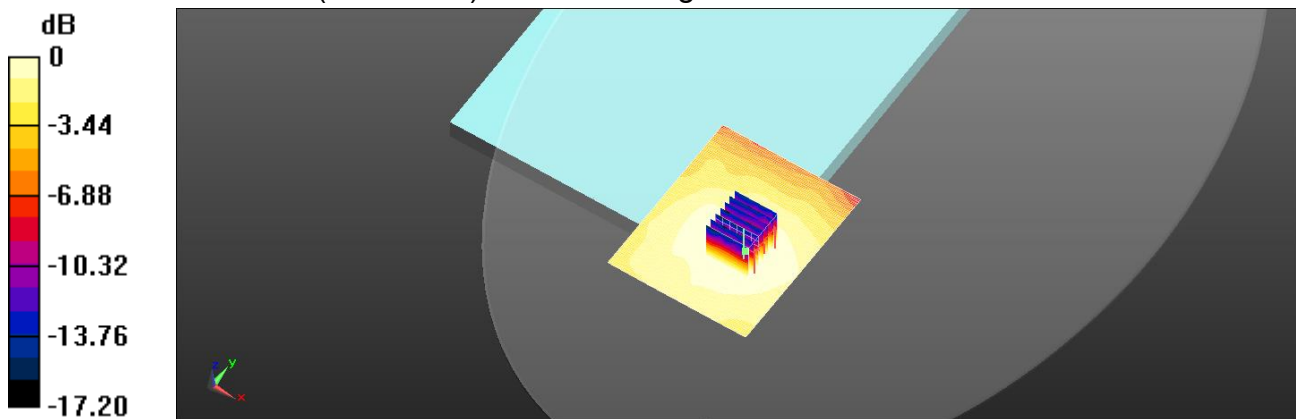
Peak SAR (extrapolated) = 0.0490 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.018 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 0.0408 W/kg



0 dB = 0.0408 W/kg = -13.89 dBW/kg

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/10

ID: 005

Report No. :TESA2606000463ES

LTE Band 12 (10MHz)_Body_Bottom Surface_CH 23095_QPSK_1-0_0mm

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.862 \text{ S/m}$; $\epsilon_r = 40.857$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 707.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0248 W/kg

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

Reference Value = 4.186 V/m; Power Drift = -0.13 dB

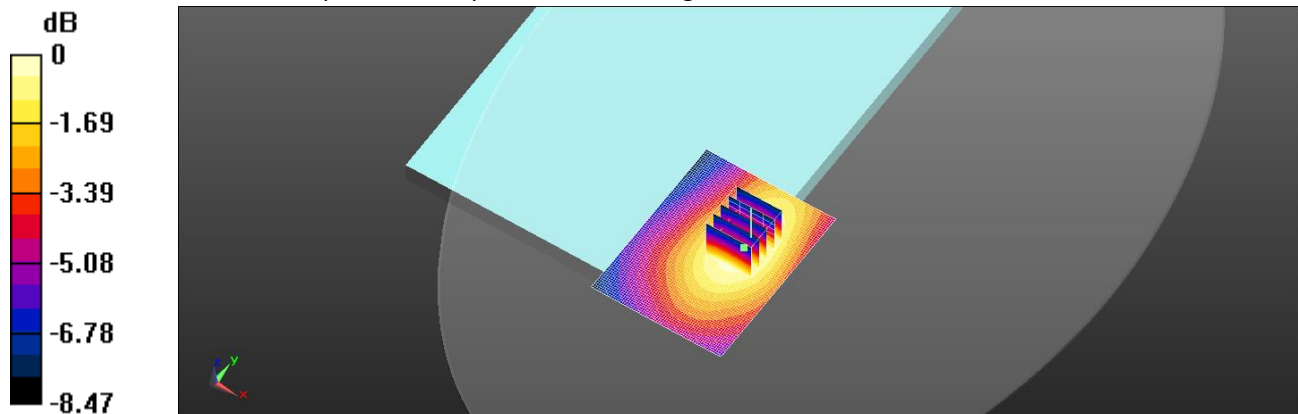
Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.015 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.5%

Maximum value of SAR (measured) = 0.0249 W/kg



0 dB = 0.0249 W/kg = -16.04 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/10

ID: 006

Report No. :TESA2606000463ES

LTE Band 13 (10MHz)_Body_Bottom Surface_CH 23230_QPSK_1-0_0mm

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 40.467$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 782 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0162 W/kg

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

Reference Value = 3.884 V/m; Power Drift = -0.14 dB

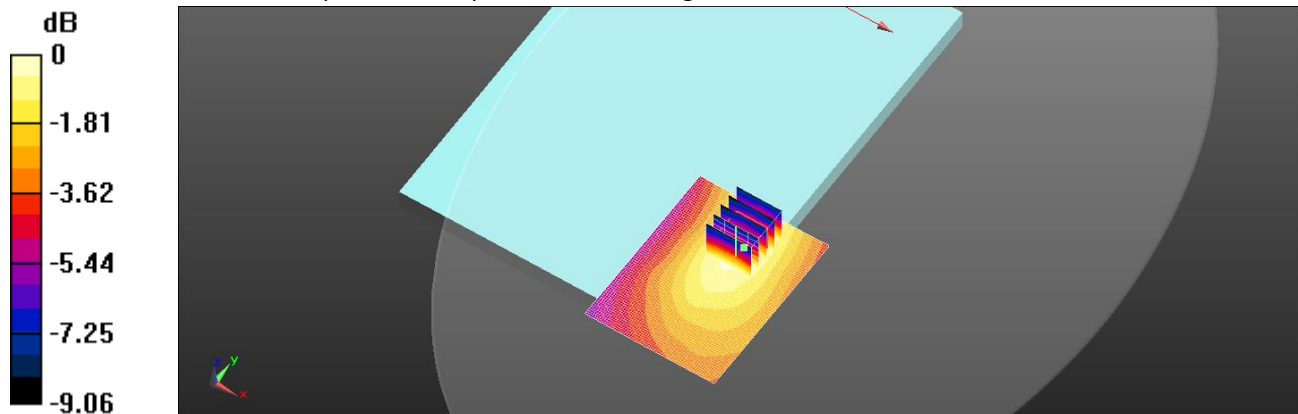
Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.010 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 72.1%

Maximum value of SAR (measured) = 0.0176 W/kg



0 dB = 0.0176 W/kg = -17.54 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/10

ID: 007

Report No. :TESA2606000463ES

LTE Band 14 (10MHz)_Body_Bottom Surface_CH 23330_QPSK_1-0_0mm

Communication System: LTE; Frequency: 793 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.871 \text{ S/m}$; $\epsilon_r = 40.417$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 793 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0128 W/kg

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

Reference Value = 3.578 V/m; Power Drift = -0.03 dB

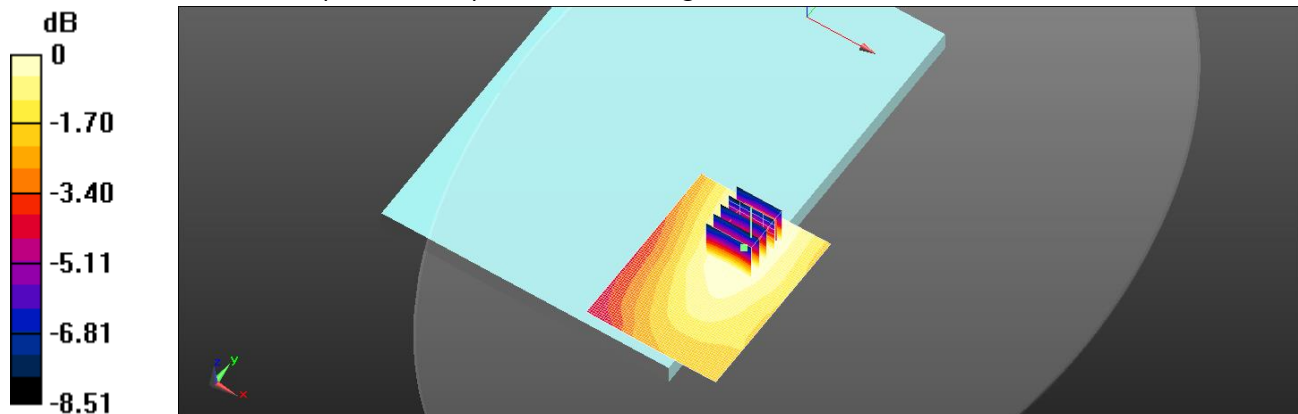
Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00756 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73%

Maximum value of SAR (measured) = 0.0126 W/kg



0 dB = 0.0126 W/kg = -19.00 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/10

ID: 008

Report No. :TESA2606000463ES

LTE Band 17 (10MHz)_Body_Bottom Surface_CH 23800_QPSK_1-0_0mm

Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.867 \text{ S/m}$; $\epsilon_r = 40.717$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 711 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0386 W/kg

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

Reference Value = 6.749 V/m; Power Drift = -0.08 dB

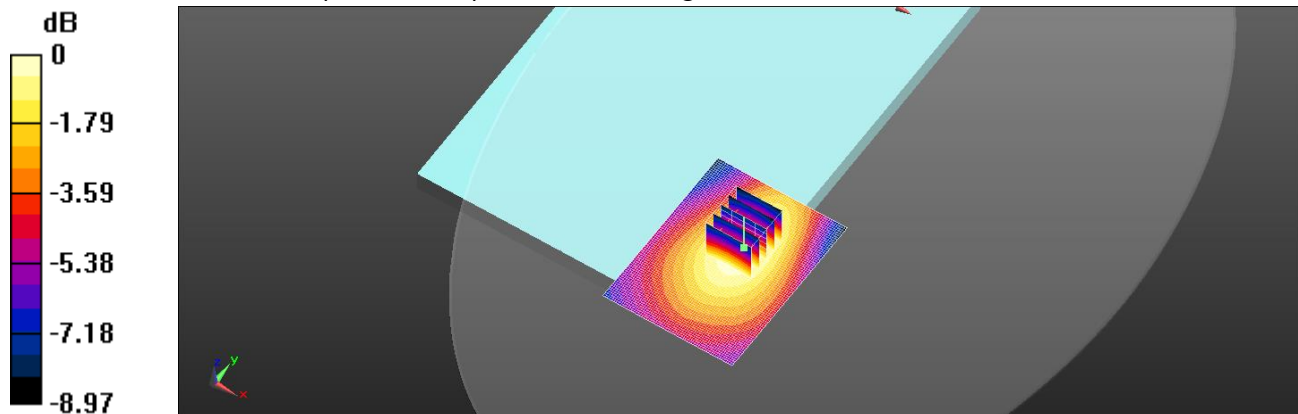
Peak SAR (extrapolated) = 0.0420 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.022 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0377 W/kg



0 dB = 0.0377 W/kg = -14.24 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/14

ID: 009

Report No. :TESA2606000463ES

LTE Band 25 (20MHz)_Body_Bottom Surface_CH 26365_QPSK_1-0_0mm

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1882.5 \text{ MHz}$; $\sigma = 1.377 \text{ S/m}$; $\epsilon_r = 38.657$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.1°C; Liquid temperature: 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.29, 8.03, 8.44) @ 1882.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0915 W/kg

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

Reference Value = 7.683 V/m; Power Drift = -0.01 dB

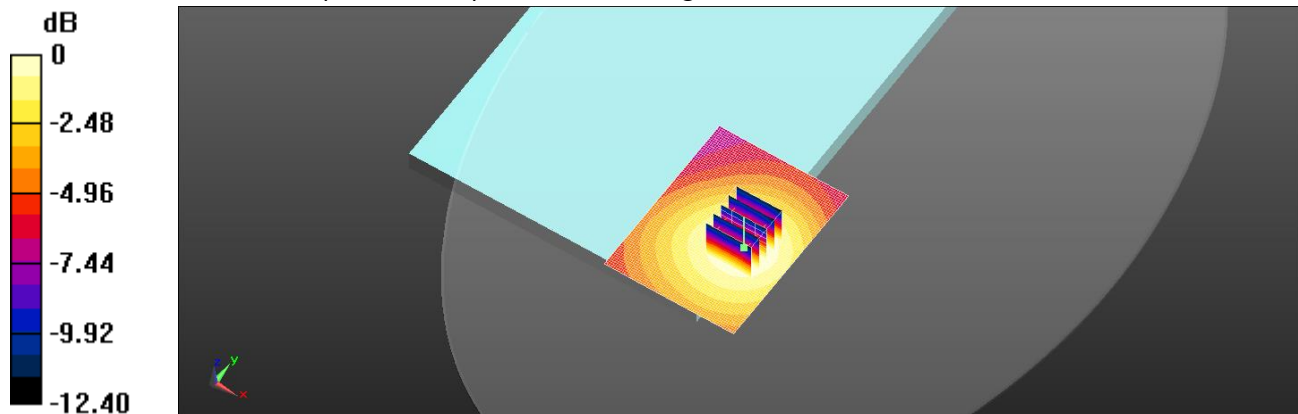
Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.046 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 0.0900 W/kg



0 dB = 0.0900 W/kg = -10.46 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/10

ID: 010

Report No. :TESA2606000463ES

LTE Band 26_FCC (15MHz)_Body_Bottom Surface_CH 26965_QPSK_1-0_0mm

Communication System: LTE; Frequency: 841.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 841.5 \text{ MHz}$; $\sigma = 0.903 \text{ S/m}$; $\epsilon_r = 40.097$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.91, 9.6, 10.1) @ 841.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0897 W/kg

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

Reference Value = 5.112 V/m; Power Drift = -0.03 dB

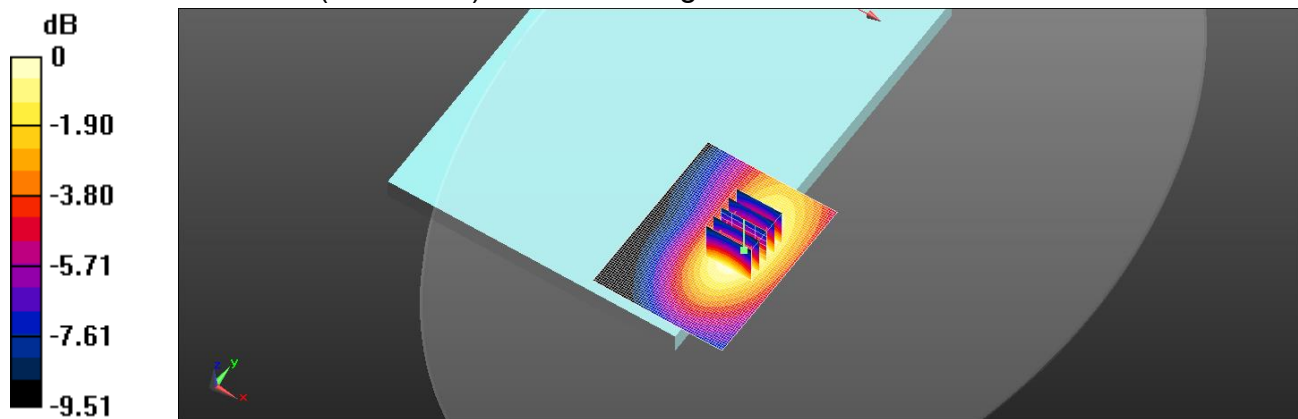
Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.047 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.8%

Maximum value of SAR (measured) = 0.0846 W/kg



0 dB = 0.0846 W/kg = -10.73 dBW/kg

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t (886-2) 2299-3279

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Date: 2026/7/17

ID: 012

Report No. :TESA2606000463ES

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

Communication System: LTE; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.676$ S/m; $\epsilon_r = 38.167$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.9°C; Liquid temperature: 22.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.95, 7.7 ,8.1) @ 2310 MHz; Calibrated: 2026/04/23
- 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 (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0606 W/kg

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

Reference Value = 5.255 V/m; Power Drift = -0.11 dB

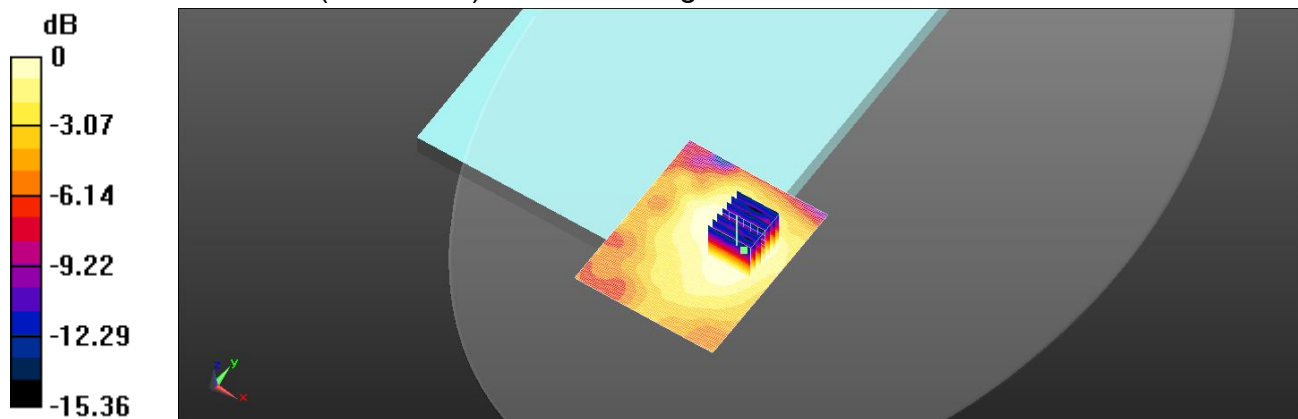
Peak SAR (extrapolated) = 0.0670 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.026 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 60.7%

Maximum value of SAR (measured) = 0.0584 W/kg



0 dB = 0.0584 W/kg = -12.34 dBW/kg

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Date: 2026/7/14

ID: 013

Report No.: TESA2606000463ES

LTE Band 66 (20MHz)_Body_Bottom Surface_CH 132572_QPSK_1-0_0mm

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 38.687$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.1°C; Liquid temperature: 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.41, 8.15, 8.57) @ 1770 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

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

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

Reference Value = 9.985 V/m; Power Drift = -0.09 dB

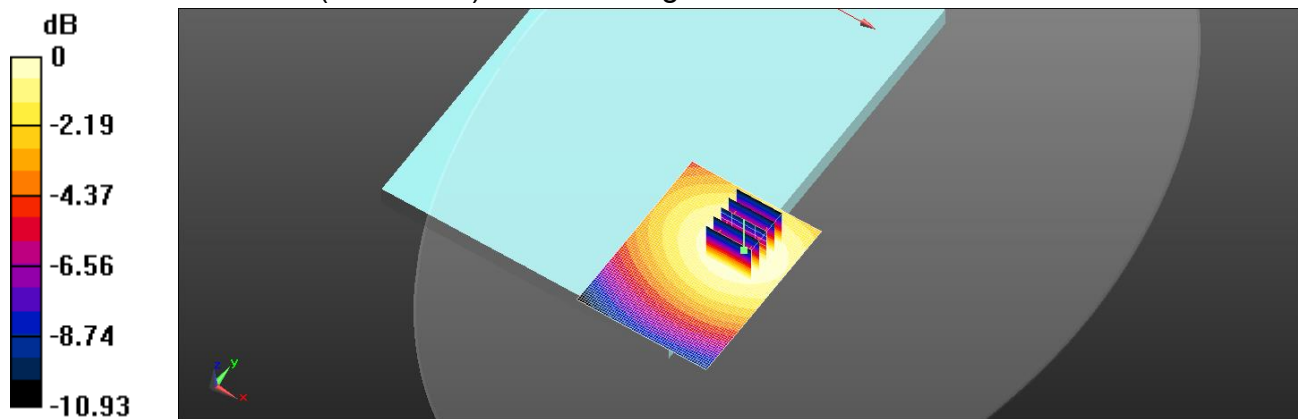
Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.073 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.3%

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



0 dB = 0.140 W/kg = -8.54 dBW/kg

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Date: 2026/7/14

ID: 014

Report No. :TESA2606000463ES

LTE Band 70 (20MHz)_Body_Bottom Surface_CH 133047_QPSK_1-0_0mm

Communication System: LTE; Frequency: 1702.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1702.5 \text{ MHz}$; $\sigma = 1.317 \text{ S/m}$; $\epsilon_r = 38.837$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.1°C; Liquid temperature: 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.41, 8.15, 8.57) @ 1702.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

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

Reference Value = 10.11 V/m; Power Drift = -0.10 dB

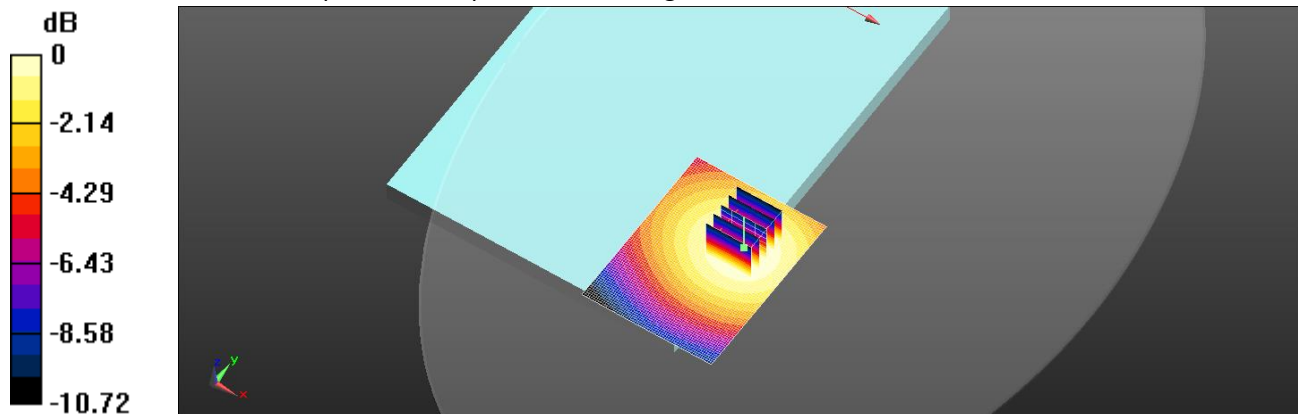
Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.083 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.3%

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

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Date: 2026/7/10

ID: 015

Report No. :TESA2606000463ES

LTE Band 71 (20MHz)_Body_Bottom Surface_CH 133297_QPSK_1-0_0mm

Communication System: LTE; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 680.5 \text{ MHz}$; $\sigma = 0.855 \text{ S/m}$; $\epsilon_r = 40.957$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 680.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0267 W/kg

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

Reference Value = 3.998 V/m; Power Drift = -0.11 dB

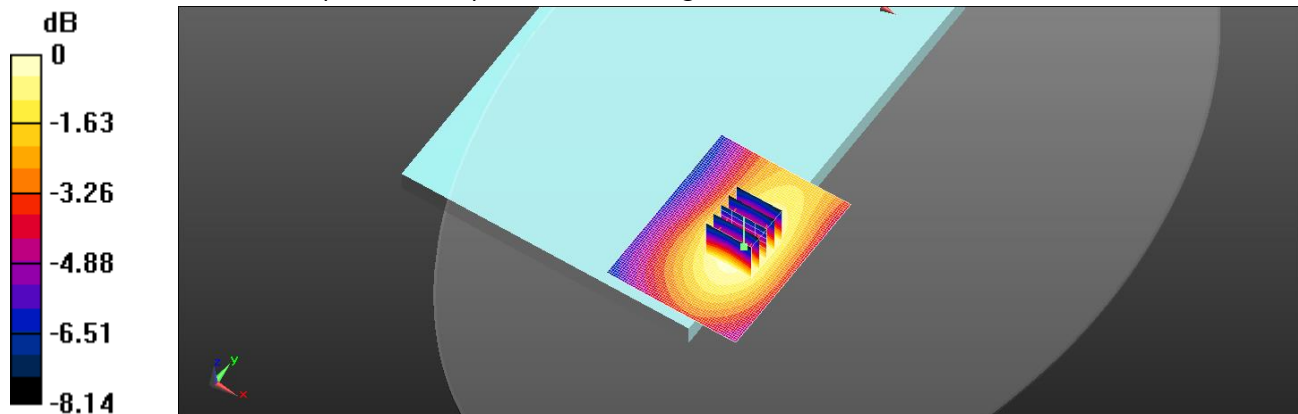
Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 72.6%

Maximum value of SAR (measured) = 0.0270 W/kg



0 dB = 0.0270 W/kg = -15.69 dBW/kg

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Date: 2026/7/10

ID: 016

Report No. :TESA2606000463ES

LTE Band 106 (3MHz)_Body_Bottom Surface_CH 179230_QPSK_1-0_0mm

Communication System: LTE; Frequency: 899 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 899 \text{ MHz}$; $\sigma = 0.95 \text{ S/m}$; $\epsilon_r = 40.087$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.64, 9.34, 9.83) @ 899 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0293 W/kg

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

Reference Value = 3.651 V/m; Power Drift = -0.08 dB

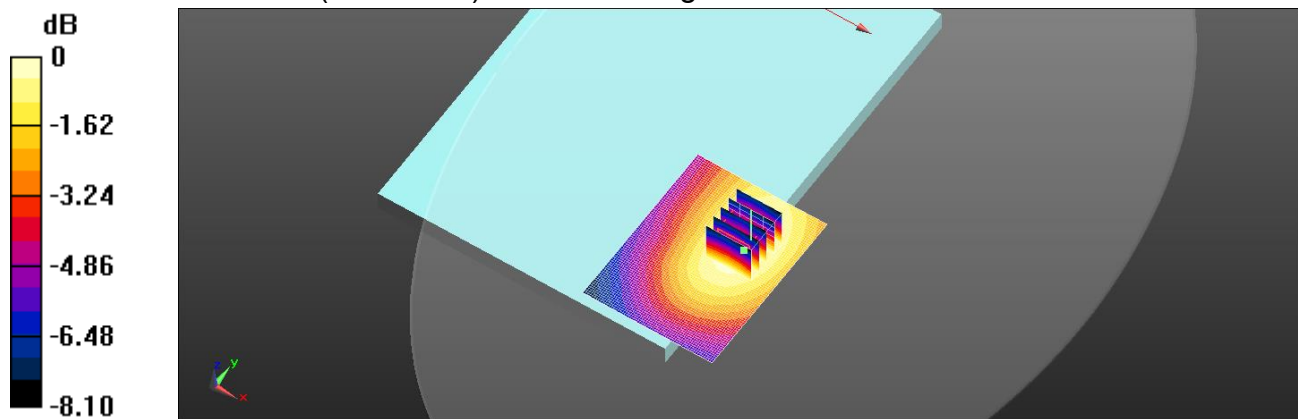
Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.018 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0297 W/kg



0 dB = 0.0297 W/kg = -15.27 dBW/kg

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Date: 2026/7/17

ID: 017

Report No. :TESA2606000463ES

LTE Band 38 (20MHz)_Body_Bottom Surface_CH 37850_QPSK_1-0_0mm

Communication System: LTE; Frequency: 2580 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 2580 \text{ MHz}$; $\sigma = 1.909 \text{ S/m}$; $\epsilon_r = 37.677$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.9°C; Liquid temperature: 22.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.69, 7.45, 7.84) @ 2580 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0854 W/kg

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

Reference Value = 5.813 V/m; Power Drift = 0.05 dB

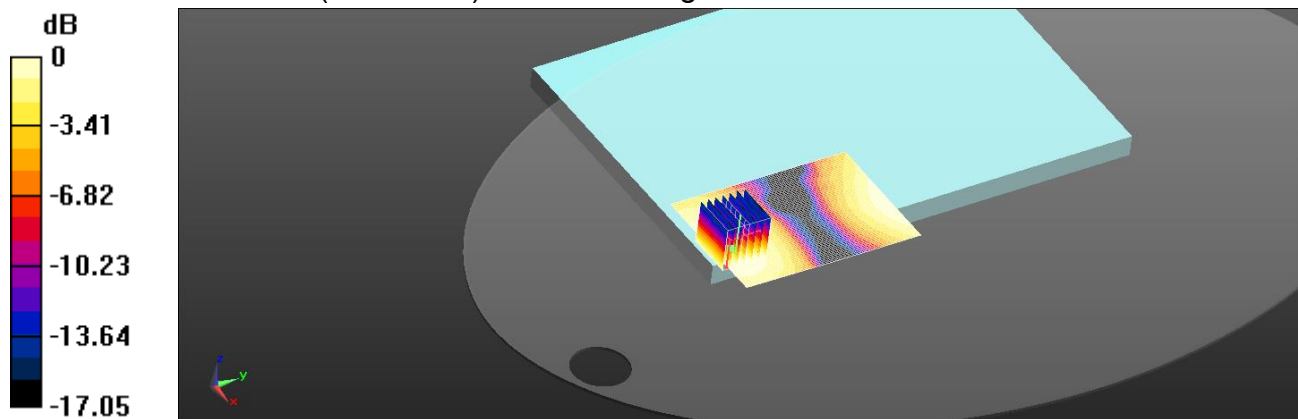
Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.037 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 56.7%

Maximum value of SAR (measured) = 0.0869 W/kg



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Date: 2026/7/17

ID: 018

Report No. :TESA2606000463ES

LTE Band 41_PC3 (20MHz)_Body_Bottom Surface_CH 41490_QPSK_1-0_0mm

Communication System: LTE; Frequency: 2680 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 37.487$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.9°C; Liquid temperature: 22.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.69, 7.45, 7.84) @ 2680 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0571 W/kg

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

Reference Value = 4.241 V/m; Power Drift = -0.04 dB

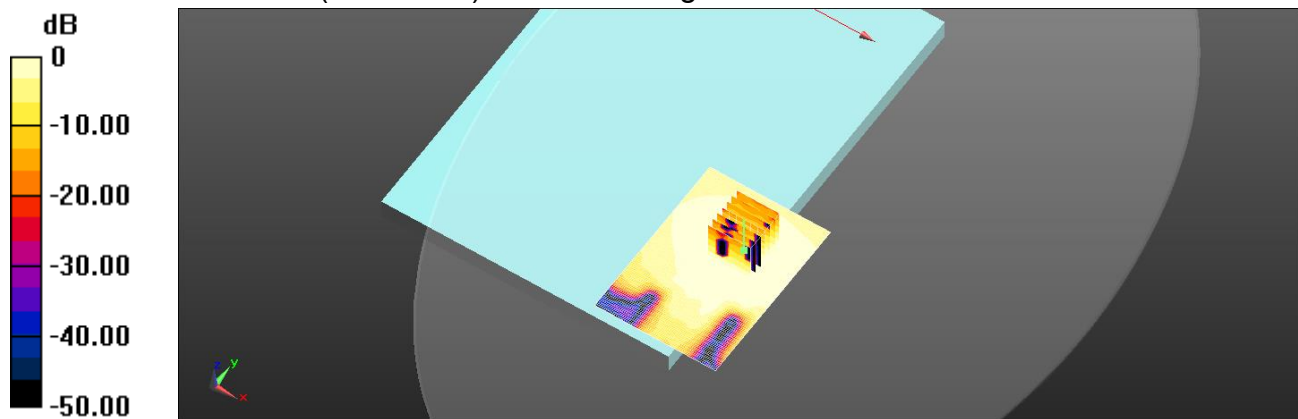
Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.022 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 0.0583 W/kg



0 dB = 0.0583 W/kg = -12.34 dBW/kg

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Date: 2026/7/21

ID: 020

Report No. :TESA2606000463ES

LTE Band 42_Part1 (20MHz)_Body_Bottom Surface_CH 42590_QPSK_1-0_0mm

Communication System: LTE; Frequency: 3500 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.871$ S/m; $\epsilon_r = 36.607$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.6°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.99, 6.77, 7.13) @ 3500 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.129 W/kg

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

Reference Value = 6.357 V/m; Power Drift = -0.02 dB

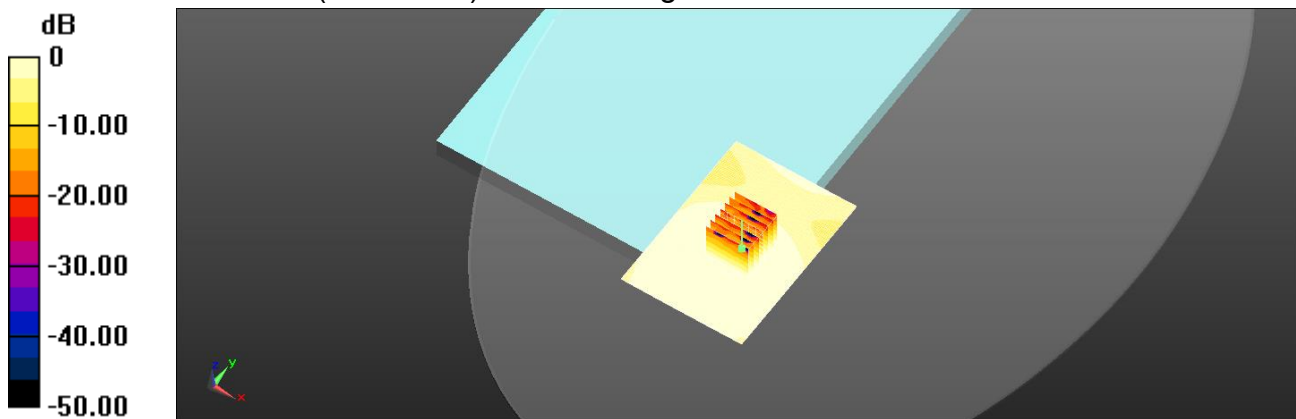
Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.042 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg = -8.96 dBW/kg

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Date: 2026/7/21

ID: 021

Report No. :TESA2606000463ES

LTE Band 42_Part2 (20MHz)_Body_Bottom Surface_CH 42590_QPSK_1-0_0mm

Communication System: LTE; Frequency: 3500 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.871$ S/m; $\epsilon_r = 36.607$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.6°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.99, 6.77, 7.13) @ 3500 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0843 W/kg

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

Reference Value = 5.182 V/m; Power Drift = 0.01 dB

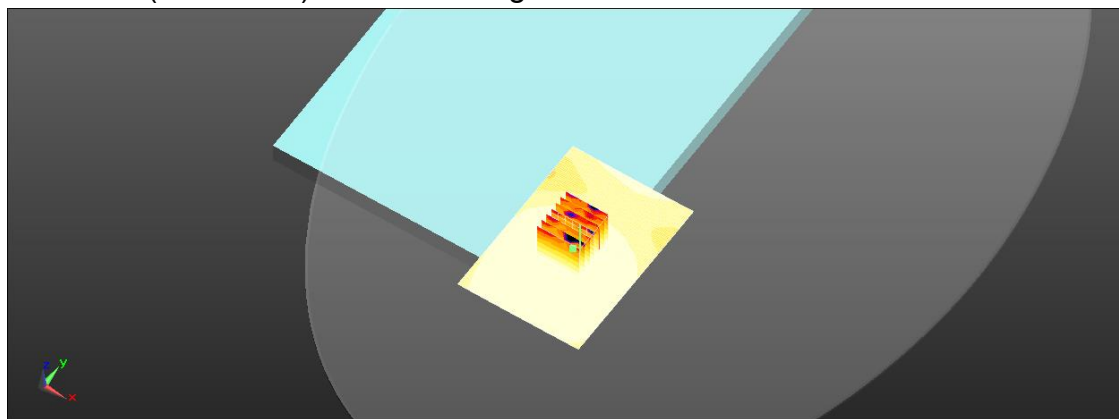
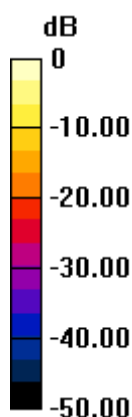
Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.028 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 0.0828 W/kg



0 dB = 0.0828 W/kg = -10.82 dBW/kg

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Date: 2026/7/21

ID: 023

Report No. :TESA2606000463ES

LTE Band 43 (20MHz)_Body_Bottom Surface_CH 44090_QPSK_1-0_0mm

Communication System: LTE; Frequency: 3500 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.871 \text{ S/m}$; $\epsilon_r = 36.607$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.6°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.86, 6.64, 6.99) @ 3500 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0827 W/kg

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

Reference Value = 5.033 V/m; Power Drift = 0.12 dB

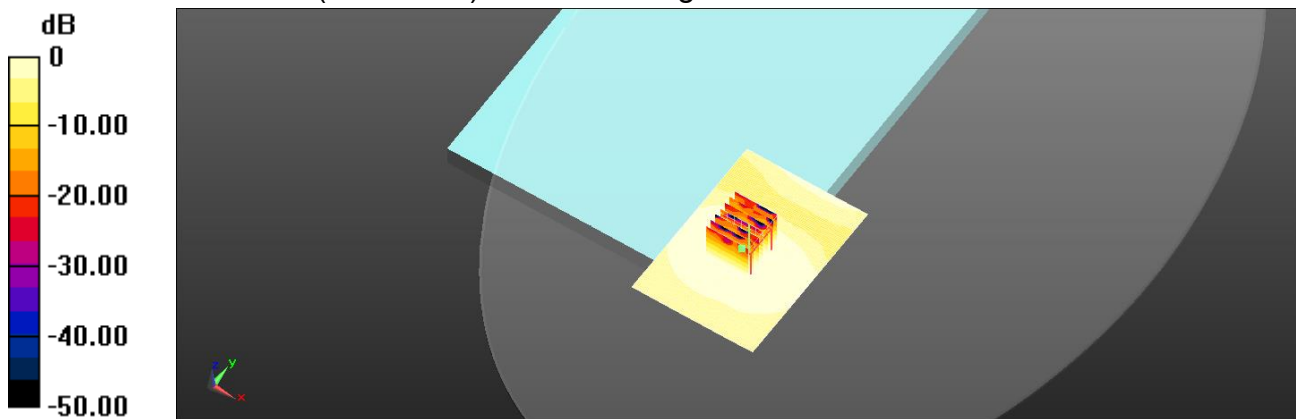
Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.028 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.0850 W/kg



0 dB = 0.0850 W/kg = -10.71 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/21

ID: 024

Report No. :TESA2606000463ES

LTE Band 48 (20MHz)_Body_Bottom Surface_CH 55340_QPSK_1-0_0mm

Communication System: LTE; Frequency: 3560 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 3560 \text{ MHz}$; $\sigma = 2.946 \text{ S/m}$; $\epsilon_r = 36.517$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.6°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.99, 6.77, 7.13) @ 3560 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0864 W/kg

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

Reference Value = 5.061 V/m; Power Drift = 0.18 dB

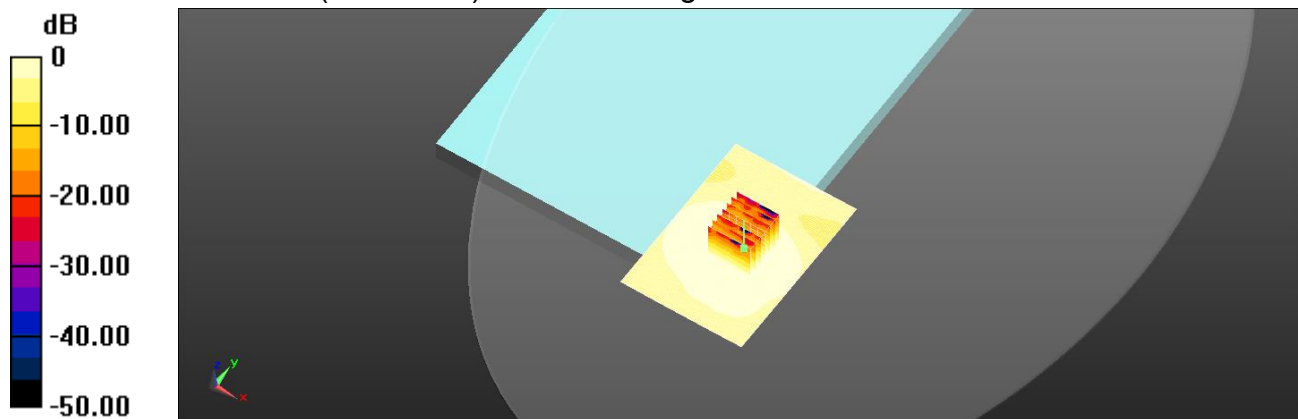
Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.029 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 0.0880 W/kg



0 dB = 0.0880 W/kg = -10.56 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/15

ID: 025

Report No. :TESA2606000463ES

NR n2 (20MHz)_Body_Bottom Surface_CH 376000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.375 \text{ S/m}$; $\epsilon_r = 38.657$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.29, 8.03, 8.44) @ 1880 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.133 W/kg

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

Reference Value = 5.519 V/m; Power Drift = -0.02 dB

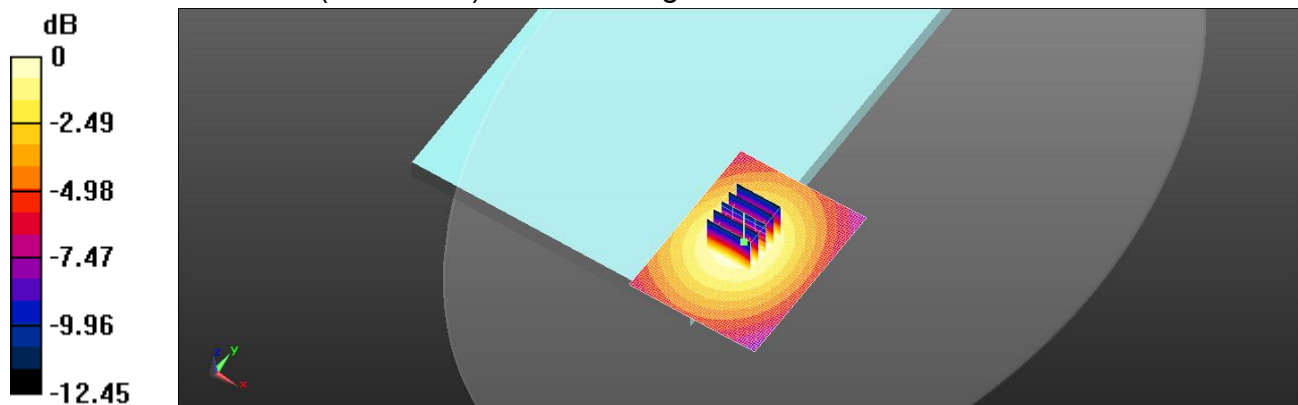
Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.064 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.131 W/kg = -8.82 dBW/kg

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Date: 2026/7/11

ID: 026

Report No. :TESA2606000463ES

NR n5 (20MHz)_Body_Bottom Surface_CH 166800_BPSK_1-1_0mm

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

Medium parameters used: $f = 834 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 40.187$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.4°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.91, 9.6, 10.1) @ 834 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0251 W/kg

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

Reference Value = 3.939 V/m; Power Drift = -0.08 dB

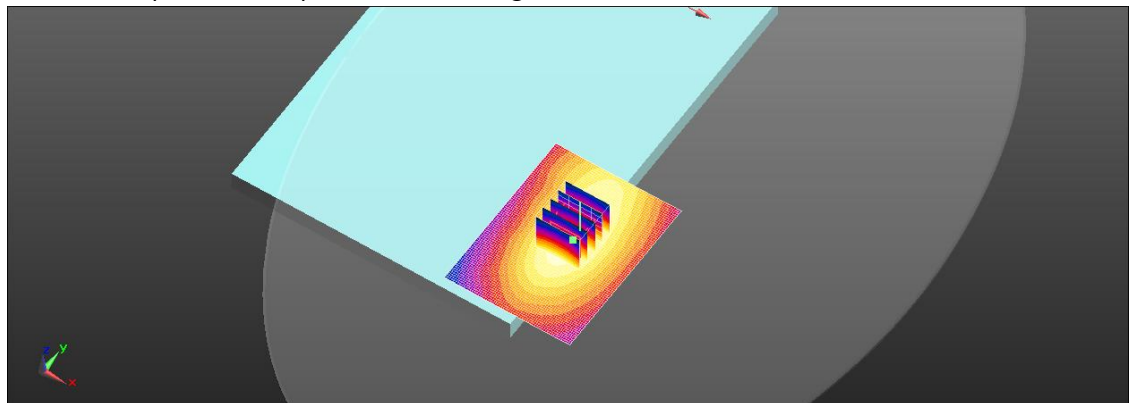
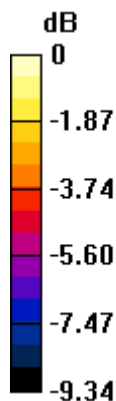
Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.014 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.1%

Maximum value of SAR (measured) = 0.0254 W/kg



0 dB = 0.0254 W/kg = -15.95 dBW/kg

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Date: 2026/7/18

ID: 027

Report No. :TESA2606000463ES

NR n7 (20MHz)_Body_Bottom Surface_CH 512000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 37.707$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.69, 7.45, 7.84) @ 2560 MHz; Calibrated: 2026/04/23
- 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 (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.218 W/kg

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

Reference Value = 8.417 V/m; Power Drift = -0.17 dB

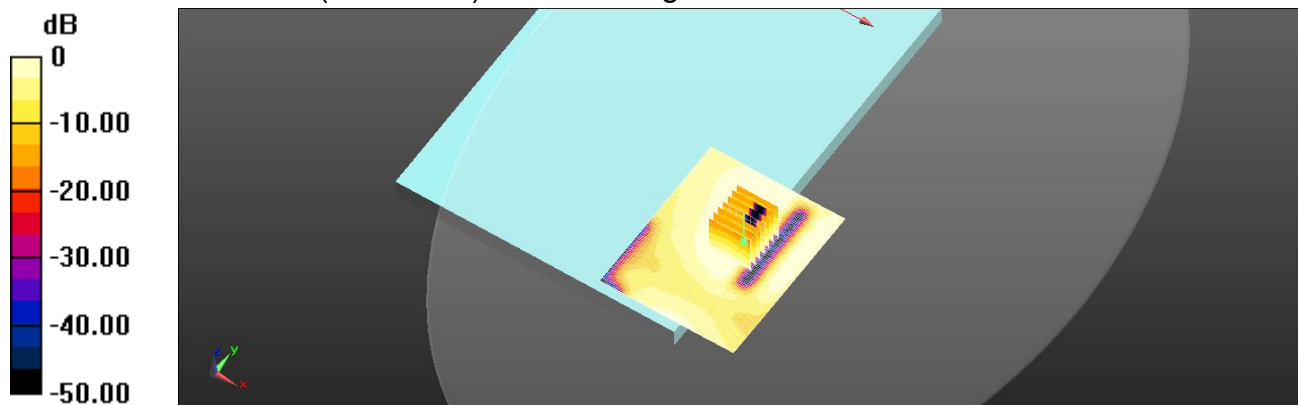
Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.049 W/kg

Smallest distance from peaks to all points 3 dB below = 6.2 mm

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

Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107 W/kg = -9.72 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/11

ID: 028

Report No. :TESA2606000463ES

NR n12 (15MHz)_Body_Bottom Surface_CH 141500_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 40.827$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.4°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 707.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0240 W/kg

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

Reference Value = 4.320 V/m; Power Drift = -0.11 dB

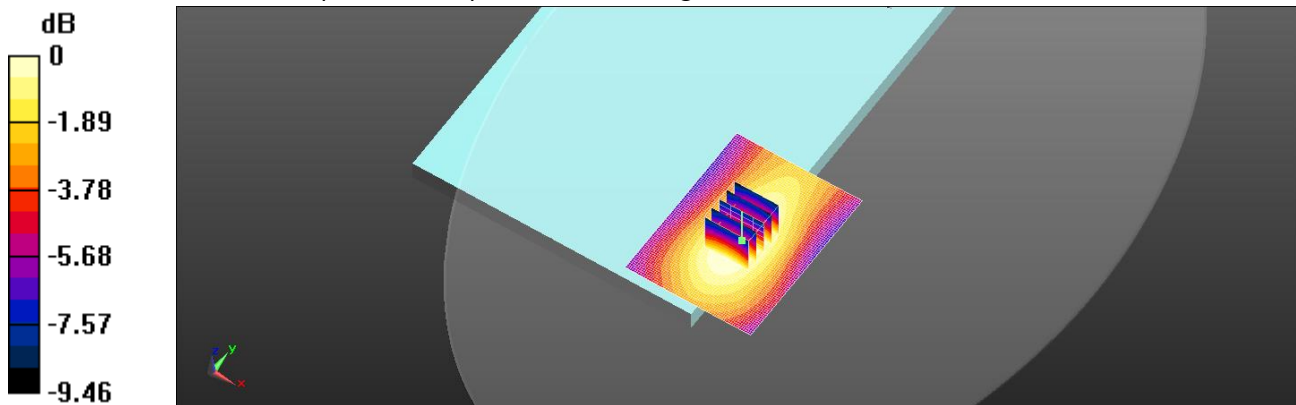
Peak SAR (extrapolated) = 0.0250 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.013 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.5%

Maximum value of SAR (measured) = 0.0226 W/kg



0 dB = 0.0226 W/kg = -16.45 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/11

ID: 029

Report No.: TESA2606000463ES

NR n13 (10MHz)_Body_Bottom Surface_CH 156400_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 40.357$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.4°C ; Liquid temperature: 22.8°C

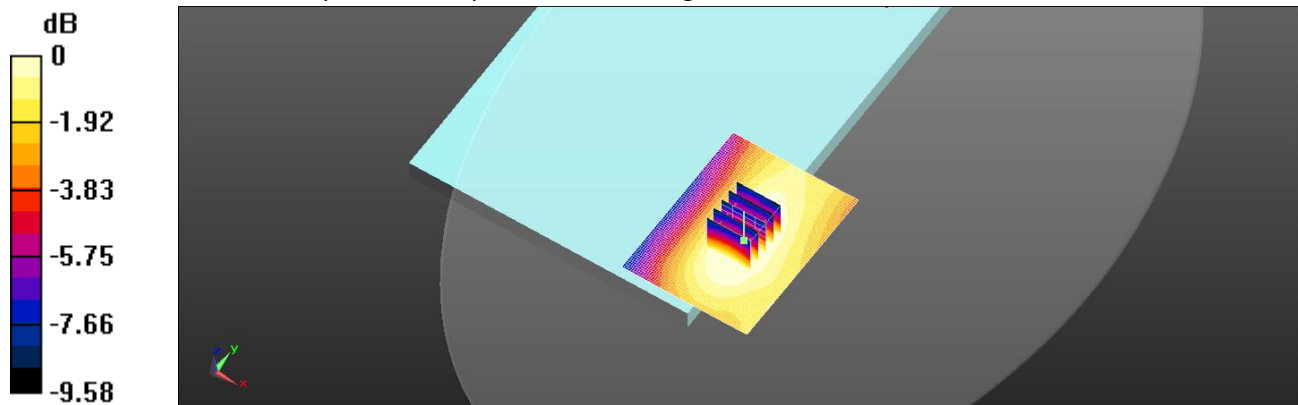
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 782 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$ Maximum value of SAR (interpolated) = 0.0175 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 3.412 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.0170 W/kg **SAR(1 g) = 0.012 W/kg ; SAR(10 g) = 0.00857 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.5%

Maximum value of SAR (measured) = 0.0152 W/kg  $0 \text{ dB} = 0.0152 \text{ W/kg} = -18.18 \text{ dBW/kg}$

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/11

ID: 030

Report No. :TESA2606000463ES

NR n14 (10MHz)_Body_Bottom Surface_CH 158600_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 40.287$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.4°C ; Liquid temperature: 22.8°C

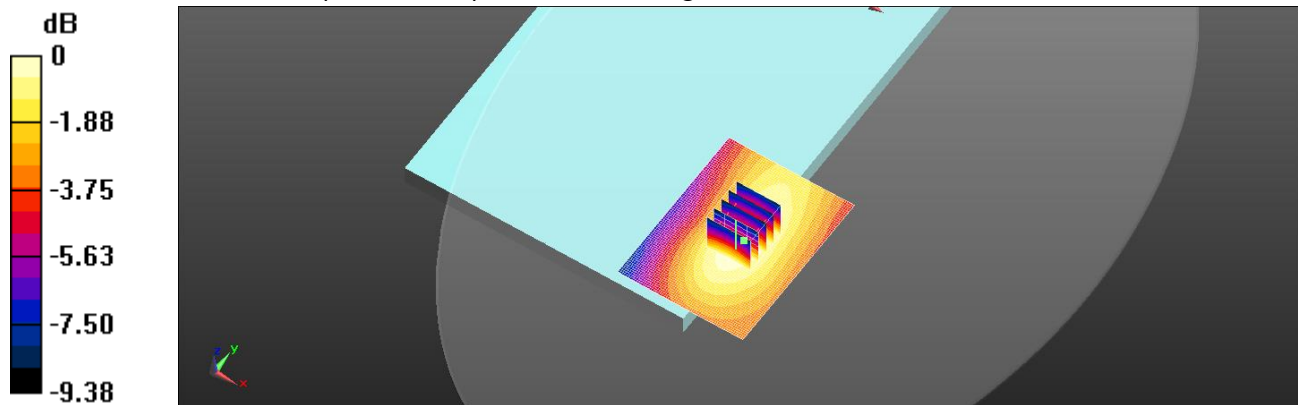
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 793 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$ Maximum value of SAR (interpolated) = 0.0244 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.515 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 0.0270 W/kg **SAR(1 g) = 0.019 W/kg ; SAR(10 g) = 0.013 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.3%

Maximum value of SAR (measured) = 0.0239 W/kg  $0 \text{ dB} = 0.0239 \text{ W/kg} = -16.22 \text{ dBW/kg}$

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f (886-2) 2298-0488

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Date: 2026/7/15

ID: 031

Report No. :TESA2606000463ES

NR n25 (20MHz)_Body_Bottom 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; $\sigma = 1.377$ S/m; $\epsilon_r = 38.607$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.29, 8.03, 8.44) @ 1882.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): 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 = 6.844 V/m; Power Drift = -0.02 dB

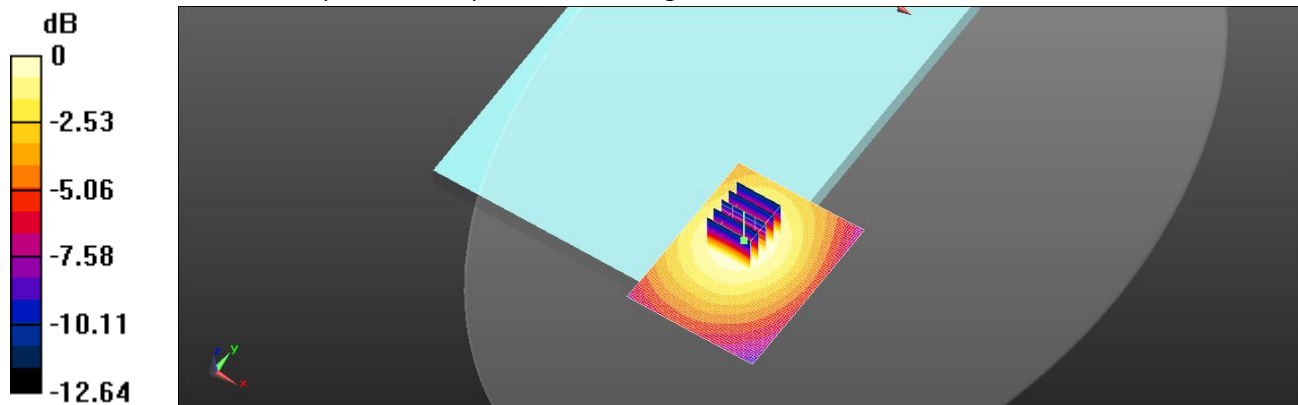
Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.050 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 63.7%

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



0 dB = 0.102 W/kg = -9.90 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/11

ID: 032

Report No. :TESA2606000463ES

NR n26 (20MHz)_Body_Bottom Surface_CH 166300_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 831.5 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 40.207$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.4°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.91, 9.6, 10.1) @ 831.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0149 W/kg

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

Reference Value = 2.792 V/m; Power Drift = -0.17 dB

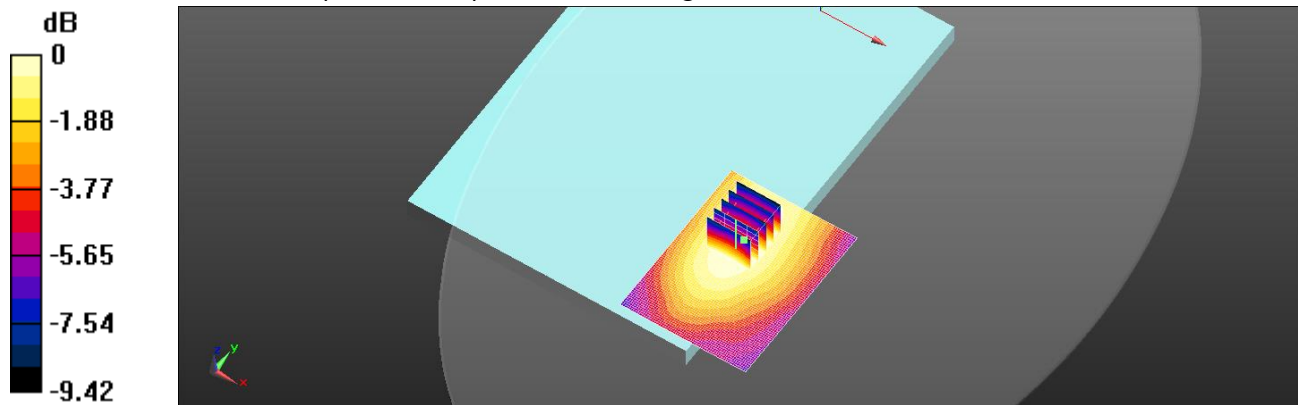
Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00854 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.5%

Maximum value of SAR (measured) = 0.0148 W/kg



0 dB = 0.0148 W/kg = -18.29 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/18

ID: 033

Report No. :TESA2606000463ES

NR n30 (10MHz)_Body_Bottom Surface_CH 462000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.68$ S/m; $\epsilon_r = 38.127$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.95, 7.7, 8.1) @ 2310 MHz; Calibrated: 2026/04/23
- 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 (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0728 W/kg

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

Reference Value = 6.212 V/m; Power Drift = 0.02 dB

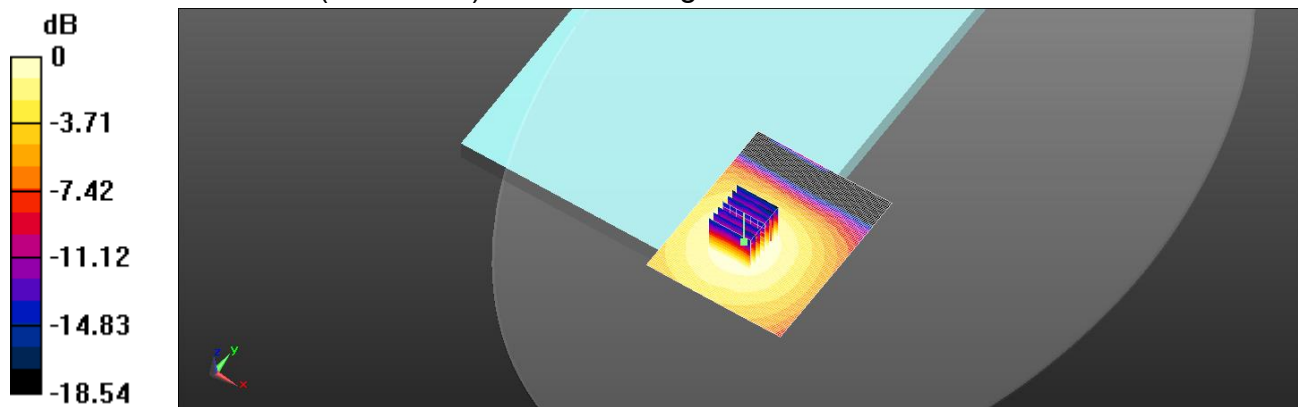
Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.032 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 59.2%

Maximum value of SAR (measured) = 0.0747 W/kg



0 dB = 0.0747 W/kg = -11.27 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/15

ID: 034

Report No. :TESA2606000463ES

NR n66 (20MHz)_Body_Bottom Surface_CH 344000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 38.857$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.41, 8.15, 8.57) @ 1720 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.103 W/kg

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

Reference Value = 3.158 V/m; Power Drift = 0.09 dB

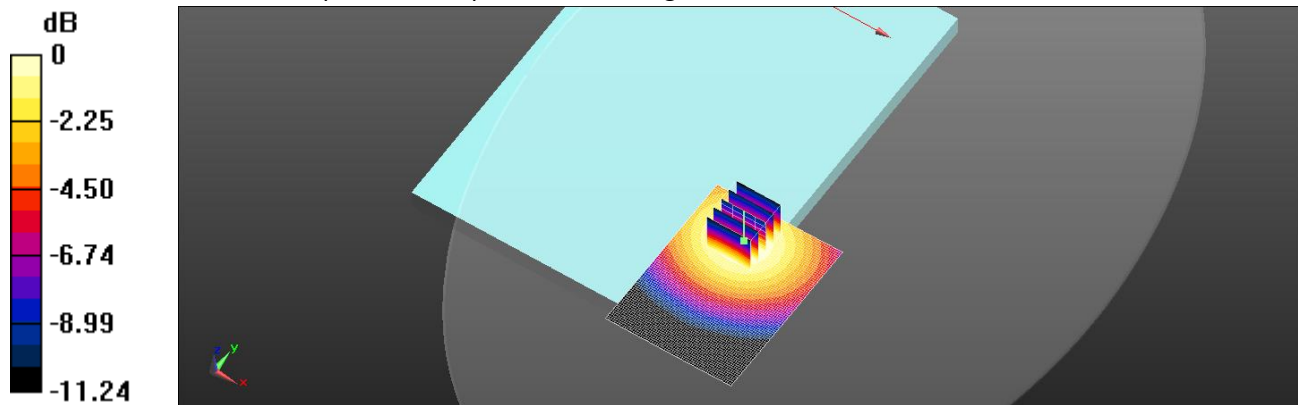
Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.061 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.1%

Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg = -9.97 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/15

ID: 035

Report No. :TESA2606000463ES

NR n70 (15MHz)_Body_Bottom Surface_CH 340500_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 1702.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1702.5$ MHz; $\sigma = 1.313$ S/m; $\epsilon_r = 38.867$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.41, 8.15, 8.57) @ 1702.5 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

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

Reference Value = 5.091 V/m; Power Drift = -0.08 dB

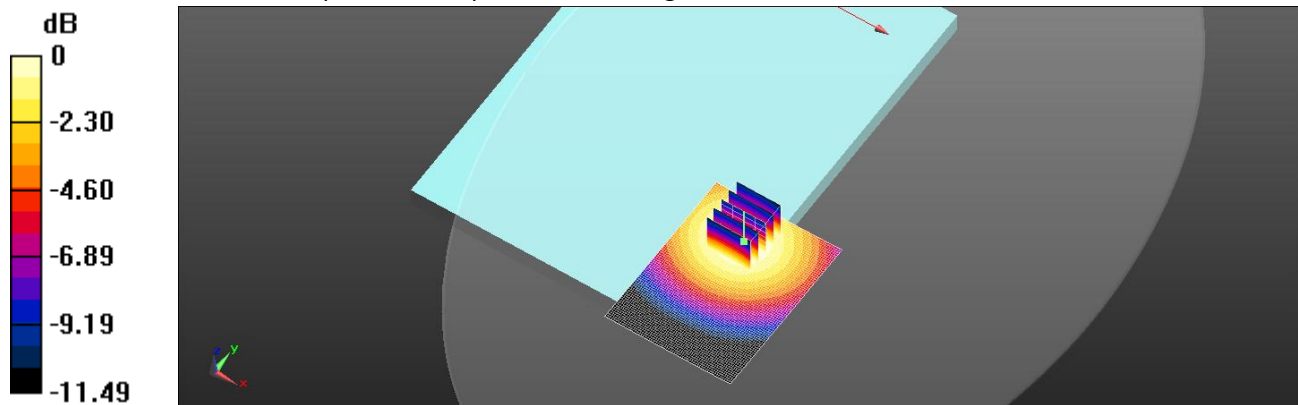
Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.065 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.6%

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.45 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/11

ID: 036

Report No. :TESA2606000463ES

NR n71 (20MHz)_Body_Bottom Surface_CH 134600_BPSK_1-1_0mm

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

Medium parameters used: $f = 673 \text{ MHz}$; $\sigma = 0.846 \text{ S/m}$; $\epsilon_r = 40.997$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 23.4°C; Liquid temperature: 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(10.39, 10.06, 10.59) @ 673 MHz; Calibrated: 2026/04/23
- 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 (61x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0171 W/kg

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

Reference Value = 3.830 V/m; Power Drift = -0.18 dB

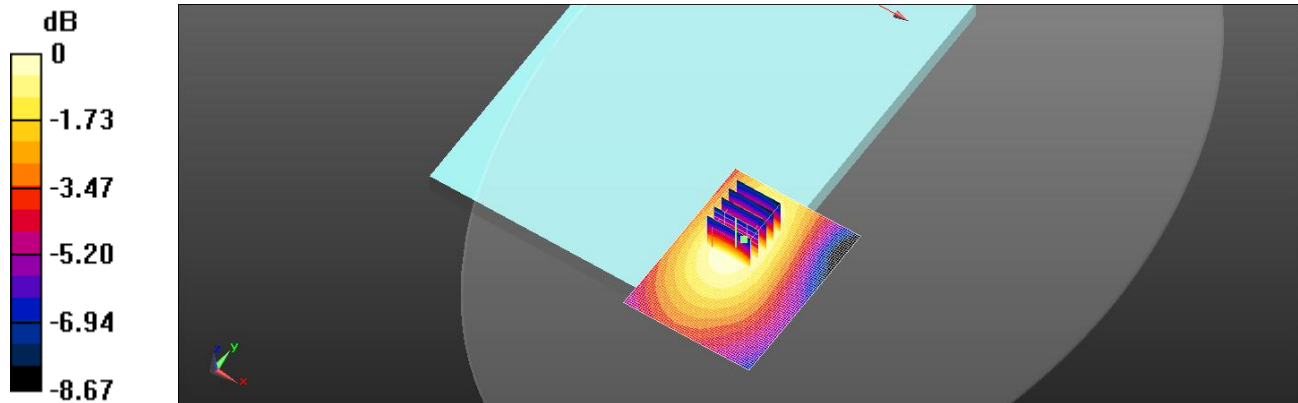
Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.010 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.7%

Maximum value of SAR (measured) = 0.0172 W/kg



0 dB = 0.0172 W/kg = -17.66 dBW/kg

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/18

ID: 037

Report No. :TESA2606000463ES

NR n38 (20MHz)_Body_Bottom Surface_CH 522000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 2610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2610$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 37.637$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.69, 7.45, 7.84) @ 2610 MHz; Calibrated: 2026/04/23
- 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 (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.370 W/kg

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

Reference Value = 4.678 V/m; Power Drift = 0.03 dB

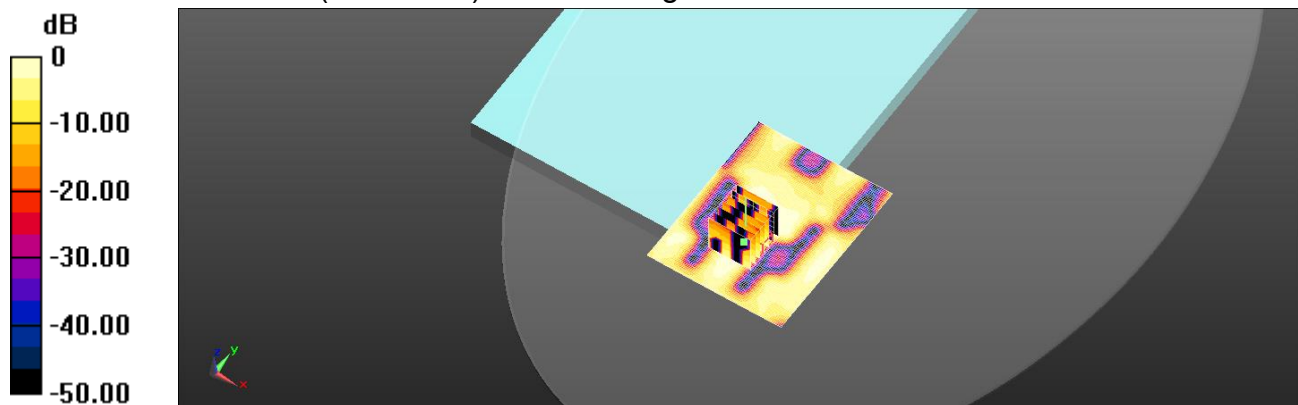
Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.032 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.11 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/18

ID: 038

Report No. :TESA2606000463ES

NR n41_PC3 (20MHz)_Body_Bottom Surface_CH 518598_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 2592.99 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2592.99$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 37.687$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.69, 7.45, 7.84) @ 2592.99 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

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

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

Reference Value = 4.567 V/m; Power Drift = 0.1a1 dB

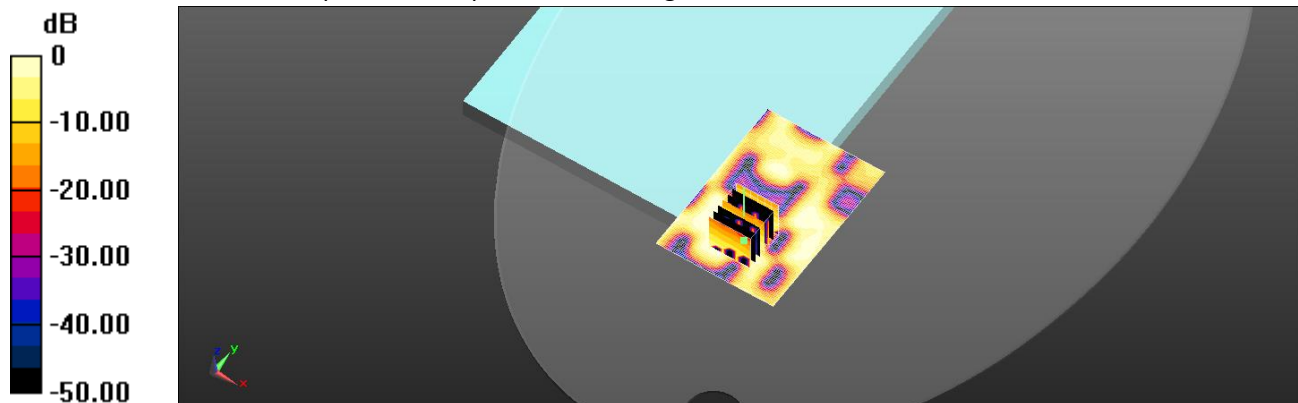
Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.017 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

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

Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/18

ID: 039

Report No. :TESA2606000463ES

NR n41_PC2 (20MHz)_Body_Bottom Surface_CH 518598_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 2592.99 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2592.99$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 37.687$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.69, 7.45, 7.84) @ 2592.99 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.286 W/kg

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

Reference Value = 5.478 V/m; Power Drift = 0.06 dB

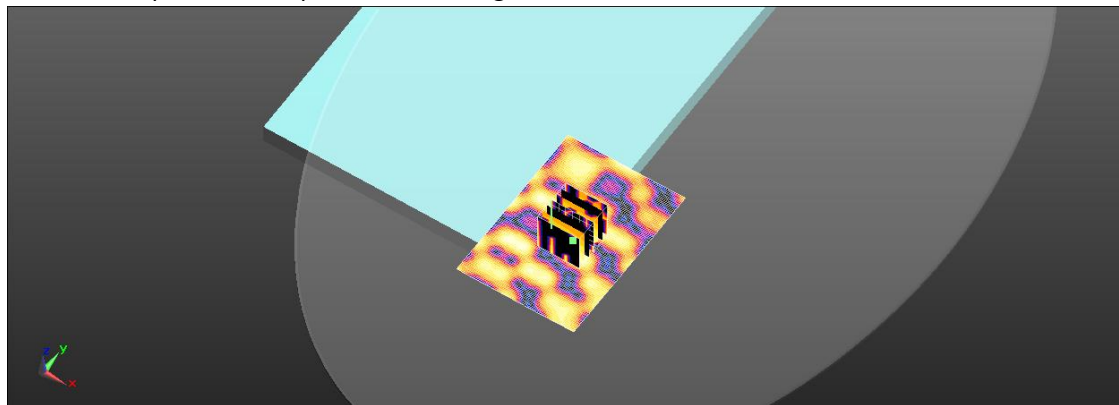
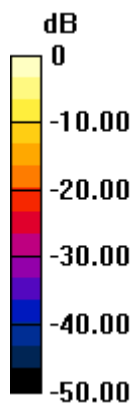
Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.026 W/kg

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg = -6.25 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/22

ID: 040

Report No. :TESA2606000463ES

NR n48 (20MHz)_Body_Bottom Surface_CH 637334_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 3560.01 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 3560.01$ MHz; $\sigma = 2.962$ S/m; $\epsilon_r = 36.497$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.99, 6.77, 7.13) @ 3560.01 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

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

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

Reference Value = 5.490 V/m; Power Drift = -0.11 dB

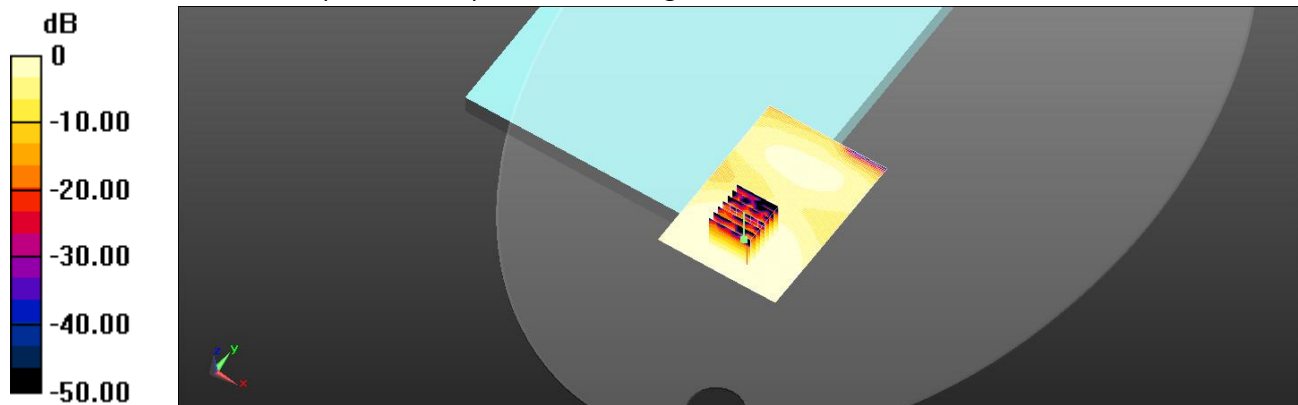
Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.033 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 50.2%

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.86 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/22

ID: 041

Report No. :TESA2606000463ES

NR n77_PC3_FCC (20MHz)_Body_Bottom Surface_CH 656000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 3840 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3840$ MHz; $\sigma = 3.257$ S/m; $\epsilon_r = 36.197$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.73, 6.52, 6.86) @ 3840 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.205 W/kg

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

Reference Value = 5.844 V/m; Power Drift = -0.11 dB

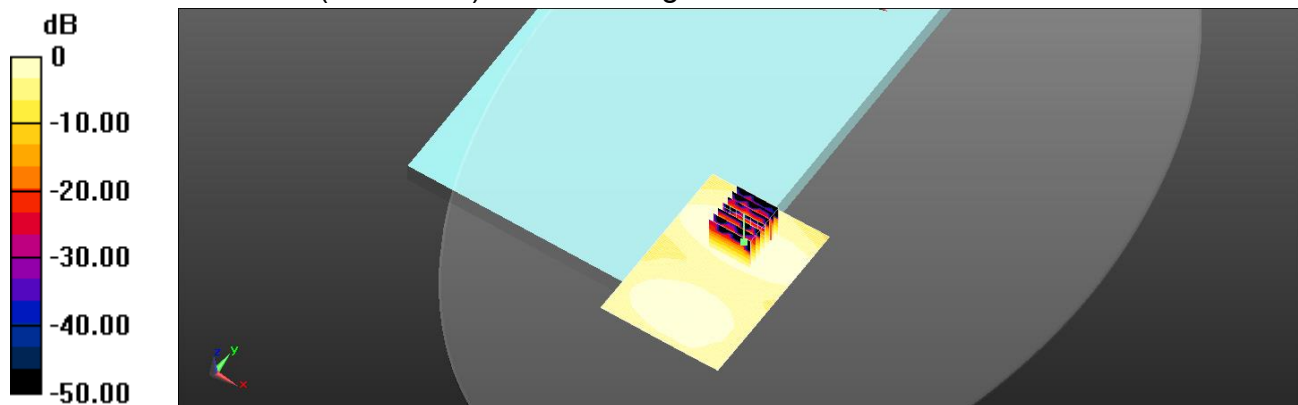
Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.053 W/kg

Smallest distance from peaks to all points 3 dB below = 21.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.4%

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg = -7.19 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/22

ID: 042

Report No. :TESA2606000463ES

NR n77_PC2_FCC (20MHz)_Body_Bottom Surface_CH 656000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 3840 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3840$ MHz; $\sigma = 3.257$ S/m; $\epsilon_r = 36.197$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.73, 6.52, 6.86) @ 3840 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.161 W/kg

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

Reference Value = 5.940 V/m; Power Drift = -0.12 dB

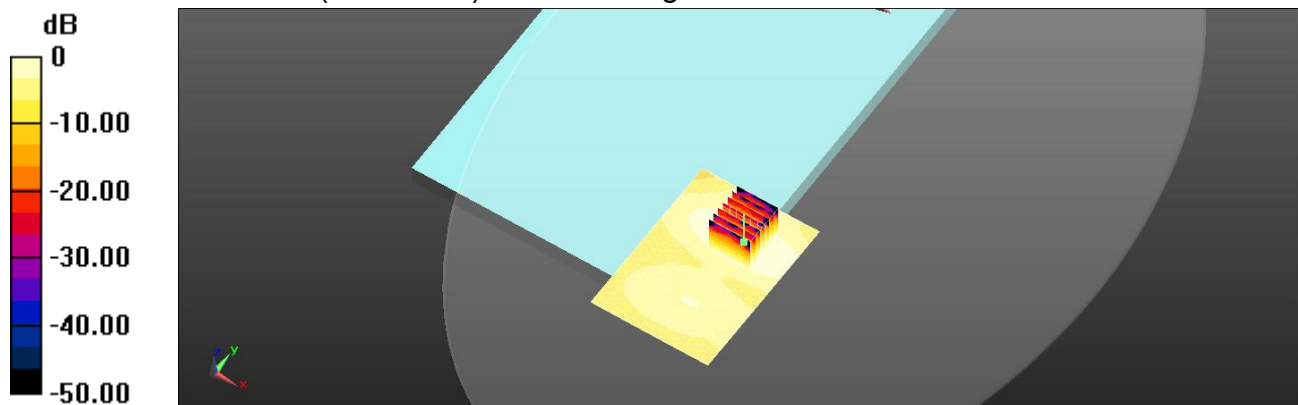
Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.057 W/kg

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.35 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/22

ID: 043

Report No. :TESA2606000463ES

NR n77 & n78_PC3_FCC (20MHz)_Body_Bottom Surface_CH 633334_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 3500.01 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 3500.01$ MHz; $\sigma = 2.884$ S/m; $\epsilon_r = 36.617$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.99, 6.77, 7.13) @ 3500.01 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

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

Reference Value = 8.971 V/m; Power Drift = -0.19 dB

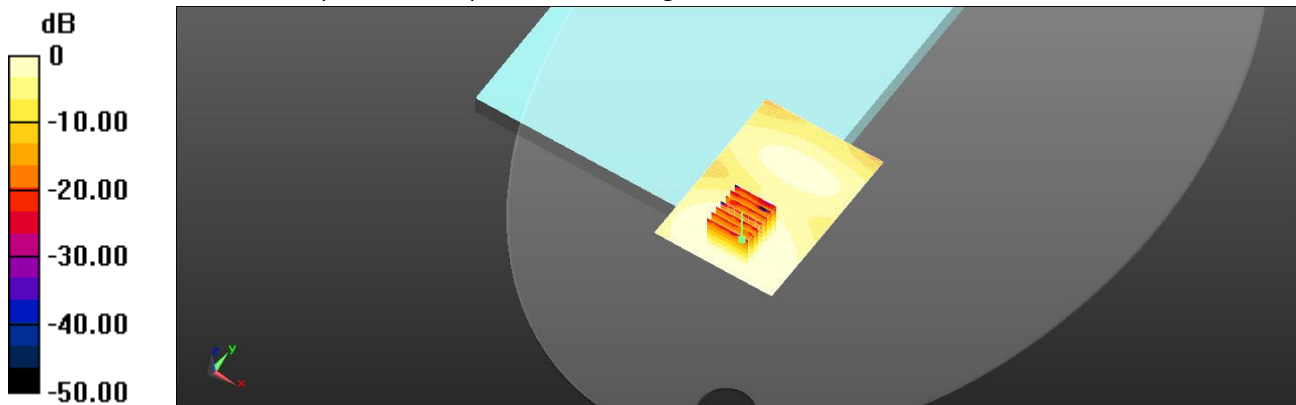
Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.051 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -8.99 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/22

ID: 044

Report No. :TESA2606000463ES

NR n77 & n78_PC2_FCC (20MHz)_Body_Bottom Surface_CH 633334_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 3500.01 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 3500.01$ MHz; $\sigma = 2.884$ S/m; $\epsilon_r = 36.617$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.99, 6.77, 7.13) @ 3500.01 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.108 W/kg

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

Reference Value = 11.90 V/m; Power Drift = -0.05 dB

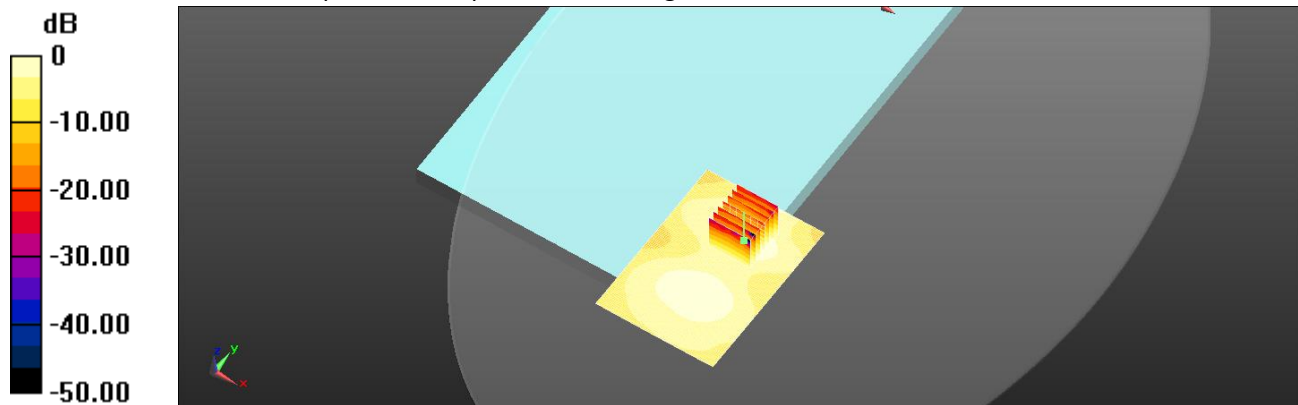
Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.058 W/kg

Smallest distance from peaks to all points 3 dB below = 15 mm

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.122 W/kg = -9.14 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/22

ID: 047

Report No. :TESA2606000463ES

NR n78_PC3_FCC (20MHz)_Body_Bottom Surface_CH 650000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.155$ S/m; $\epsilon_r = 36.327$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.86, 6.64, 6.99) @ 3750 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.129 W/kg

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

Reference Value = 5.782 V/m; Power Drift = 0.19 dB

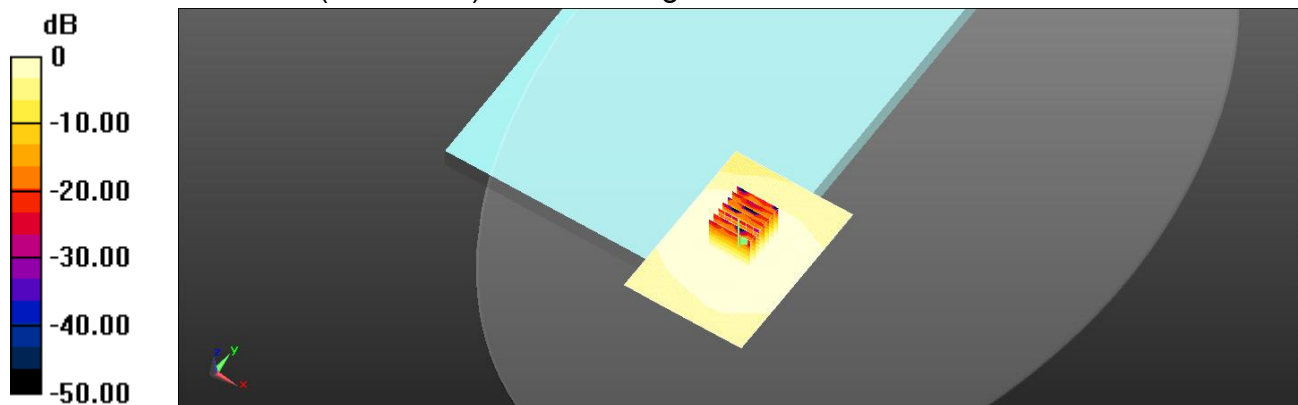
Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.042 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.75 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/22

ID: 048

Report No. :TESA2606000463ES

NR n78_PC2_FCC (20MHz)_Body_Bottom Surface_CH 650000_BPSK_1-1_0mm

Communication System: 5G NR; Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.155$ S/m; $\epsilon_r = 36.327$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.86, 6.64, 6.99) @ 3750 MHz; Calibrated: 2026/04/23
- 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=12 mm, dy=12 mm

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

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

Reference Value = 6.217 V/m; Power Drift = 0.02 dB

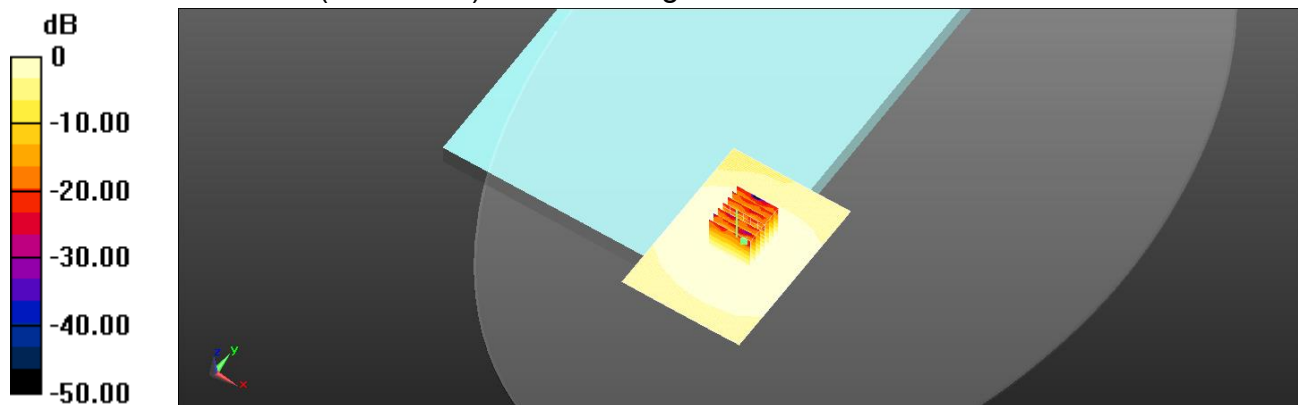
Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.047 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

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



0 dB = 0.145 W/kg = -8.40 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/27

ID: 093

Report No. :TESA2606000466ES

WLAN 802.11b_Body_Bottom Surface_CH 6_0mm_Ant 1

Communication System: WLAN; Frequency: 2437 MHz; Duty cycle= 1:1.02

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.814$ S/m; $\epsilon_r = 39.695$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.44, 6.57, 6.95) @ 2437 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 (71x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.236 W/kg

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

Reference Value = 11.02 V/m; Power Drift = -0.11 dB

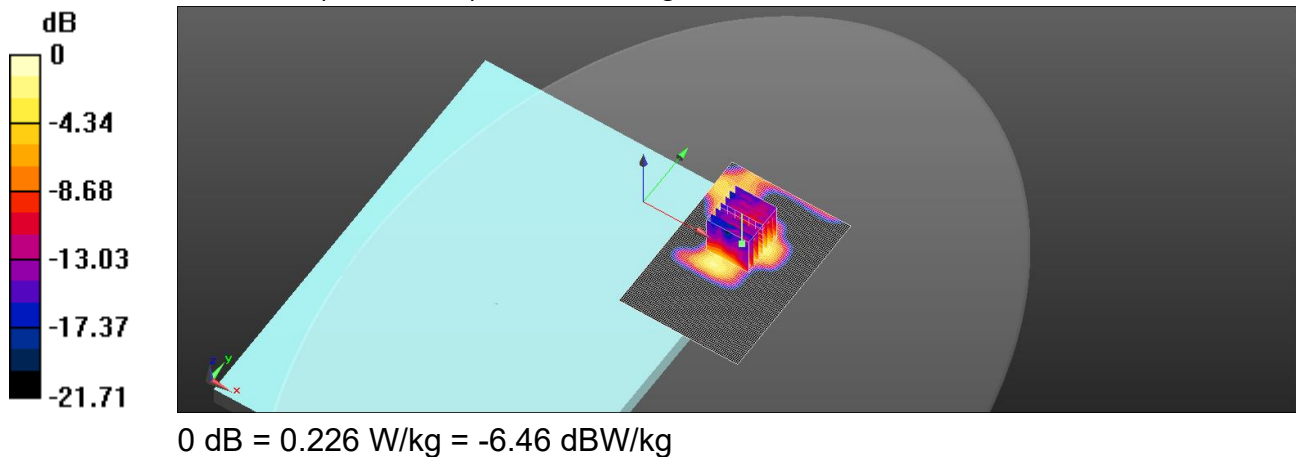
Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.065 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.226 W/kg



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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/27

ID: 094

Report No. :TESA2606000466ES

Bluetooth(GFSK)_Body_Bottom Surface_CH 39_0mm_Ant 1

Communication System: Bluetooth; Frequency: 2441 MHz; Duty cycle= 1:1.297

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.44, 6.57, 6.95) @ 2441 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 (71x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0178 W/kg

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

Reference Value = 2.803 V/m; Power Drift = -0.02 dB

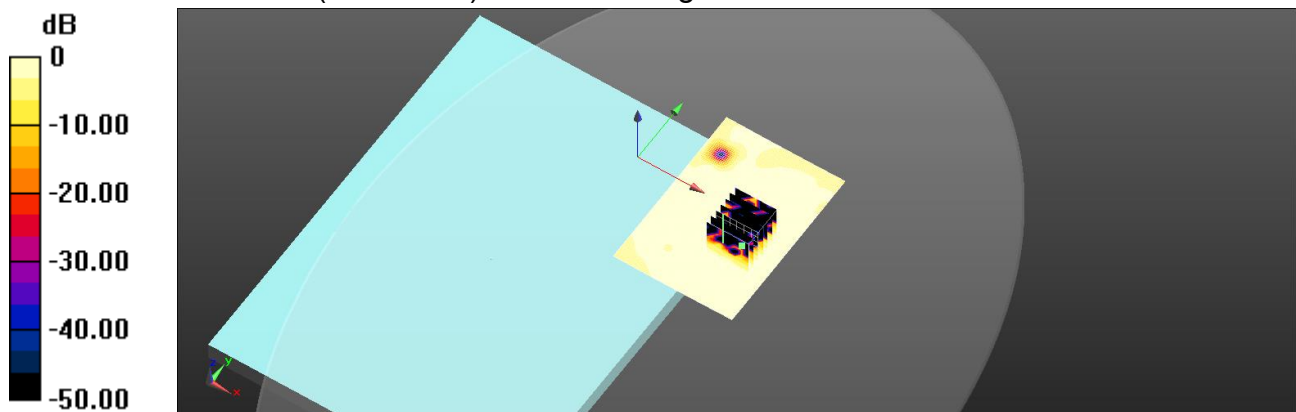
Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00446 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.0144 W/kg



0 dB = 0.0144 W/kg = -18.42 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/28

ID: 095

Report No. :TESA2606000466ES

WLAN 802.11be(20M) 5.2G_Body_Bottom Surface_CH 48_0mm_Ant 1

Communication System: WLAN; Frequency: 5240 MHz; Duty cycle= 1:1.034

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.735 \text{ S/m}$; $\epsilon_r = 36.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.81, 4.9, 5.18) @ 5240 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 (81x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.229 W/kg

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

Reference Value = 4.049 V/m; Power Drift = -0.13 dB

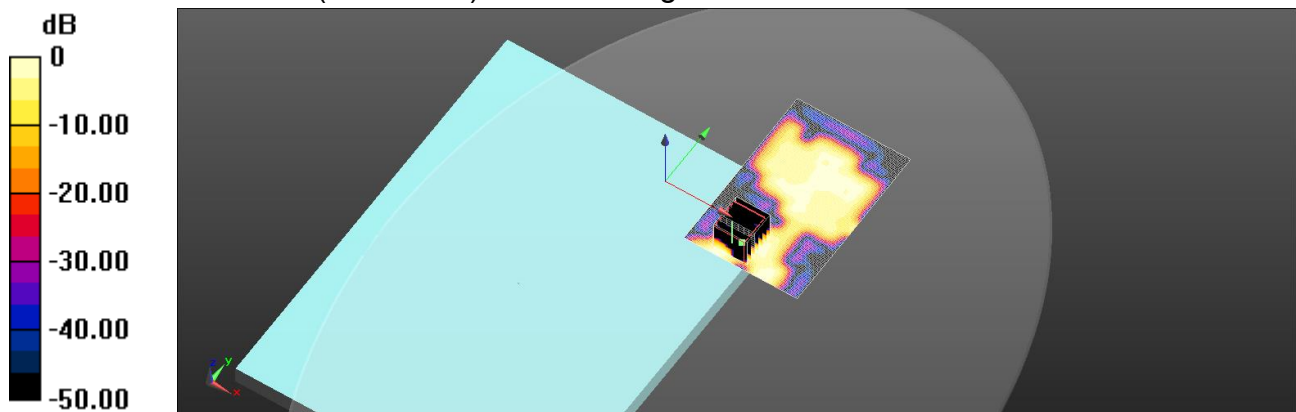
Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.014 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 41.2%

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg = -7.19 dBW/kg

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Date: 2026/7/28

ID: 096

Report No. :TESA2606000466ES

WLAN 802.11be(40M) 5.3G_Body_Bottom Surface_CH 54_0mm_Ant 1

Communication System: WLAN; Frequency: 5270 MHz; Duty cycle= 1:1.033

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.753 \text{ S/m}$; $\epsilon_r = 36.383$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.81, 4.9, 5.18) @ 5270 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 (81x121x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.165 W/kg

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

Reference Value = 3.229 V/m; Power Drift = -0.06 dB

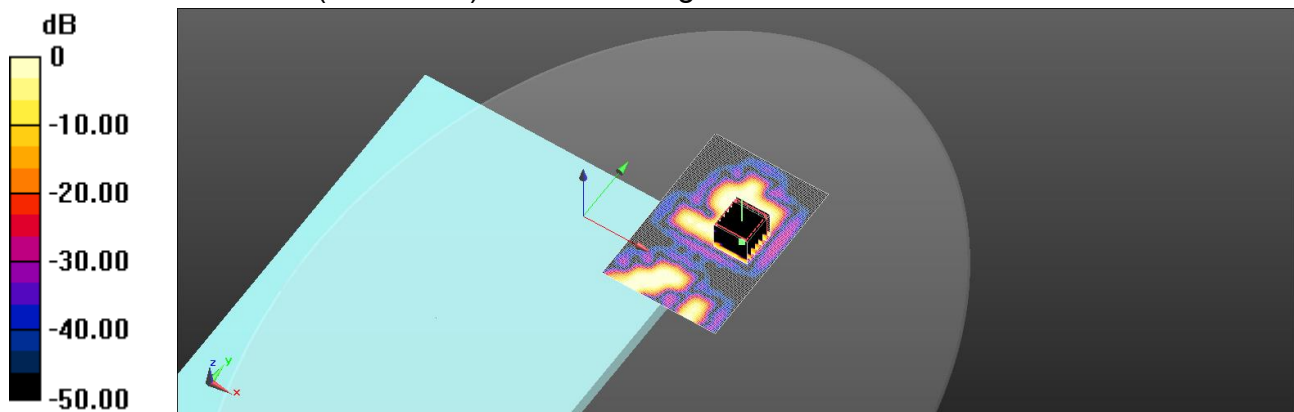
Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00806 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 42.9%

Maximum value of SAR (measured) = 0.0709 W/kg



0 dB = 0.0709 W/kg = -11.49 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/29

ID: 097

Report No. :TESA2606000466ES

WLAN 802.11ac(80M) 5.6G_Body_Bottom Surface_CH 138_0mm_Ant 1

Communication System: WLAN; Frequency: 5690 MHz;Duty Cycle: 1:1.01

Medium parameters used: $f = 5690 \text{ MHz}$; $\sigma = 5.193 \text{ S/m}$; $\epsilon_r = 35.892$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.41, 4.49, 4.75) @ 5690 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 (101x121x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.190 W/kg

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

Reference Value = 5.333 V/m; Power Drift = -0.08 dB

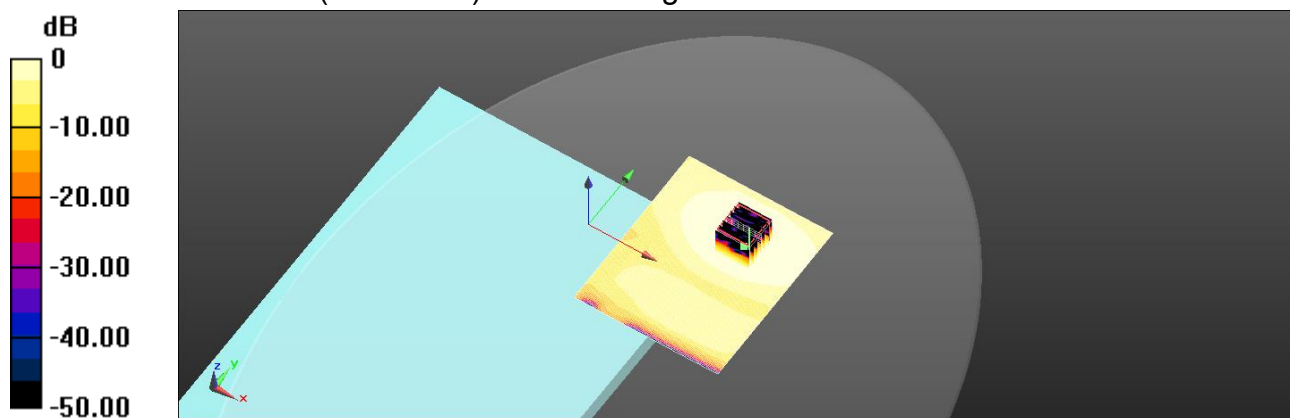
Peak SAR (extrapolated) = 0.350 W/kg

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

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 49.1%

Maximum value of SAR (measured) = 0.188 W/kg



0 dB = 0.188 W/kg = -7.26 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/29

ID: 098

Report No. :TESA2606000466ES

WLAN 802.11ac(80M) 5.8G_Body_Bottom Surface_CH 155_0mm_Ant 1

Communication System: WLAN; Frequency: 5775 MHz;Duty Cycle: 1:1.01

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.255 \text{ S/m}$; $\epsilon_r = 35.838$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.41, 4.49, 4.75) @ 5775 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 (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.177 W/kg

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

Reference Value = 4.736 V/m; Power Drift = -0.12 dB

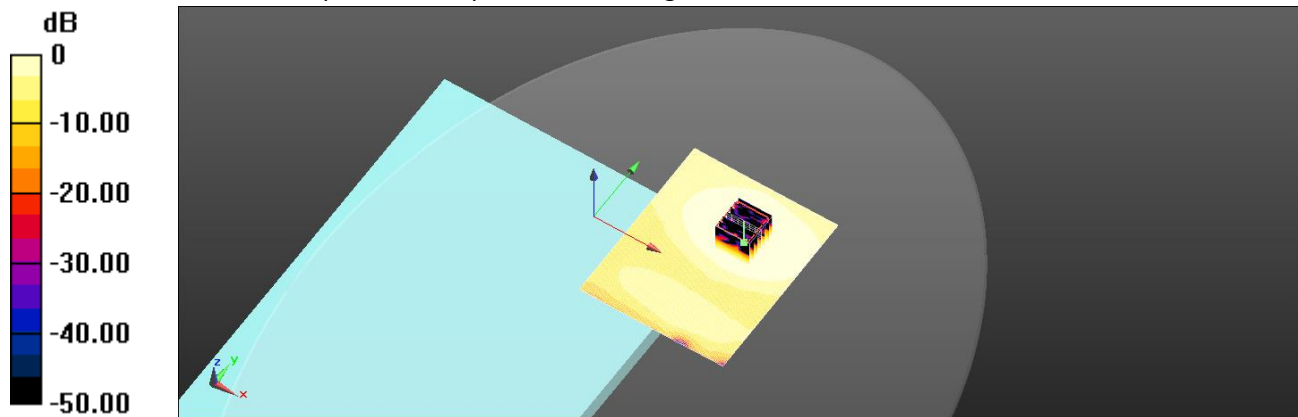
Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.034 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 46.6%

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/30

ID: 099

Report No. :TESA2606000466ES

WLAN 802.11ac(80M) 5.9G_Body_Bottom Surface_CH 171_0mm_Ant 1

Communication System: WLAN; Frequency: 5855 MHz;Duty Cycle: 1:1.01

Medium parameters used: $f = 5855 \text{ MHz}$; $\sigma = 5.502 \text{ S/m}$; $\epsilon_r = 36.237$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.21, 4.29, 4.54) @ 5855 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 (101x121x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.109 W/kg

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

Reference Value = 4.049 V/m; Power Drift = -0.03 dB

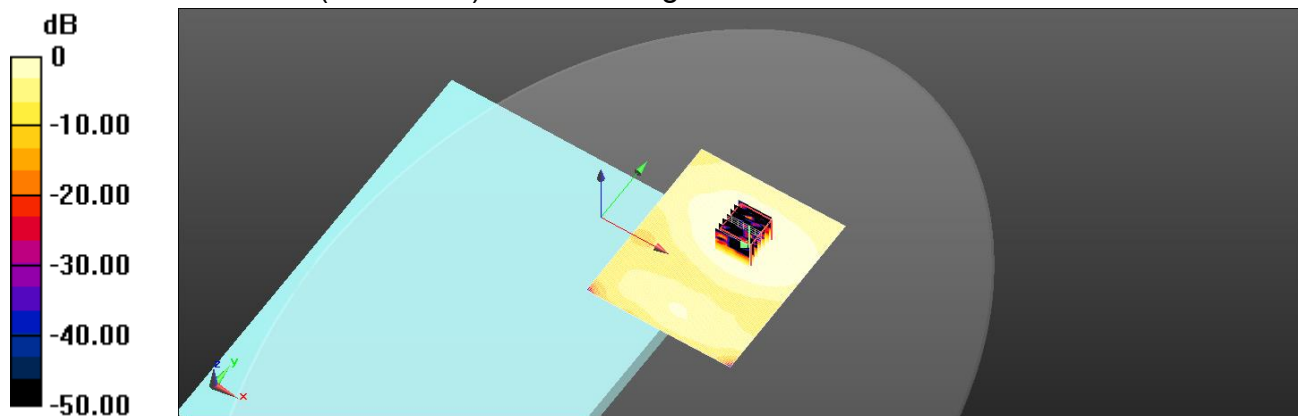
Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.021 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 47.2%

Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/27

ID: 100

Report No. :TESA2606000466ES

WLAN 802.11b_Body_Bottom Surface_CH 6_0mm_Ant 2

Communication System: WLAN; Frequency: 2437 MHz; Duty cycle= 1:1.012

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.814$ S/m; $\epsilon_r = 39.695$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.44, 6.57, 6.95) @ 2437 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 (71x121x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.100 W/kg

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

Reference Value = 7.554 V/m; Power Drift = -0.03 dB

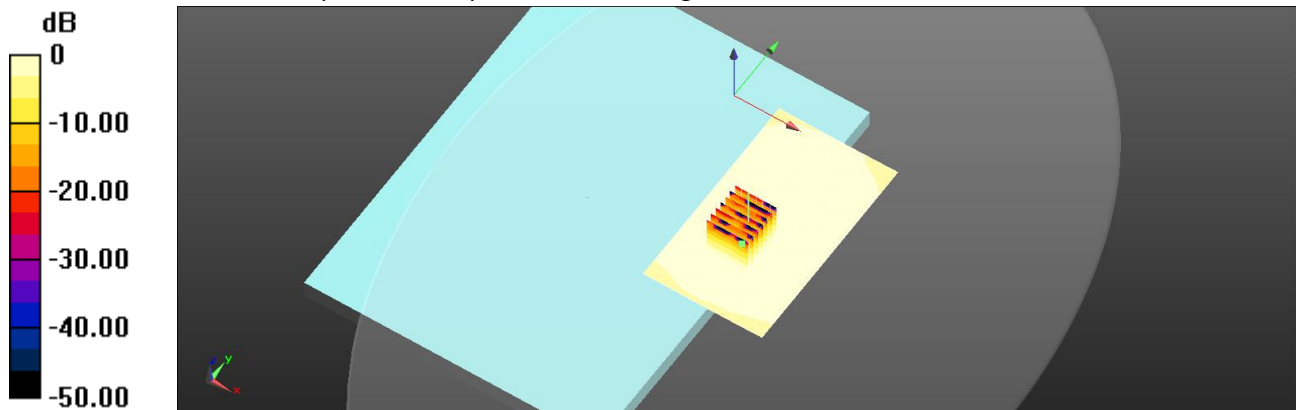
Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.041 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 0.0975 W/kg



0 dB = 0.0975 W/kg = -10.11 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/27

ID: 101

Report No. :TESA2606000466ES

Bluetooth(GFSK)_Body_Bottom Surface_CH 39_0mm_Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty cycle= 1:1.297

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(6.44, 6.57, 6.95) @ 2441 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 (71x121x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0172 W/kg

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

Reference Value = 2.875 V/m; Power Drift = -0.14 dB

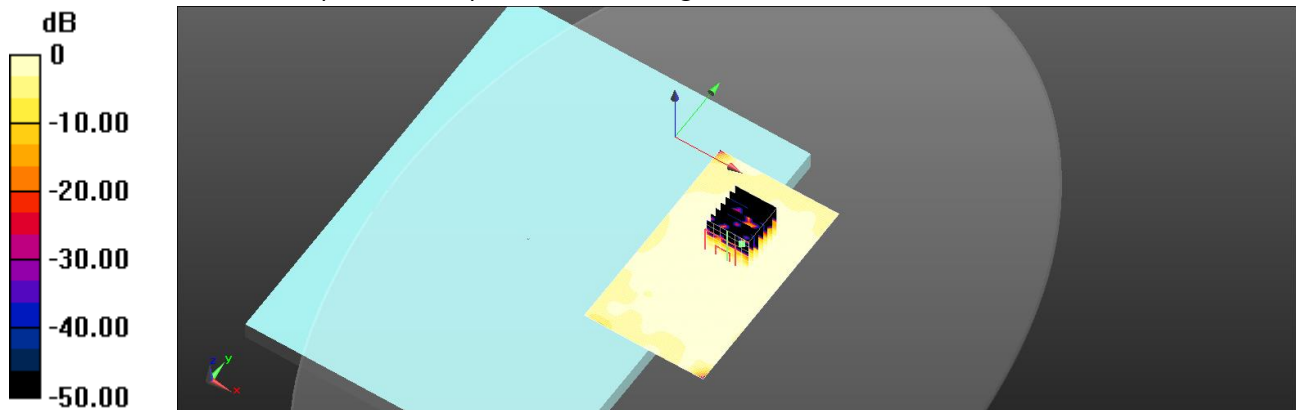
Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.0089 W/kg; SAR(10 g) = 0.00402 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 0.0153 W/kg



0 dB = 0.0153 W/kg = -18.15 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/28

ID: 102

Report No. :TESA2606000466ES

WLAN 802.11be(20M) 5.2G_Body_Bottom Surface_CH 48_0mm_Ant 2

Communication System: WLAN; Frequency: 5240 MHz; Duty cycle= 1:1.034

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.735 \text{ S/m}$; $\epsilon_r = 36.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.81, 4.9, 5.18) @ 5240 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 (81x141x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.0769 W/kg

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

Reference Value = 3.307 V/m; Power Drift = -0.14 dB

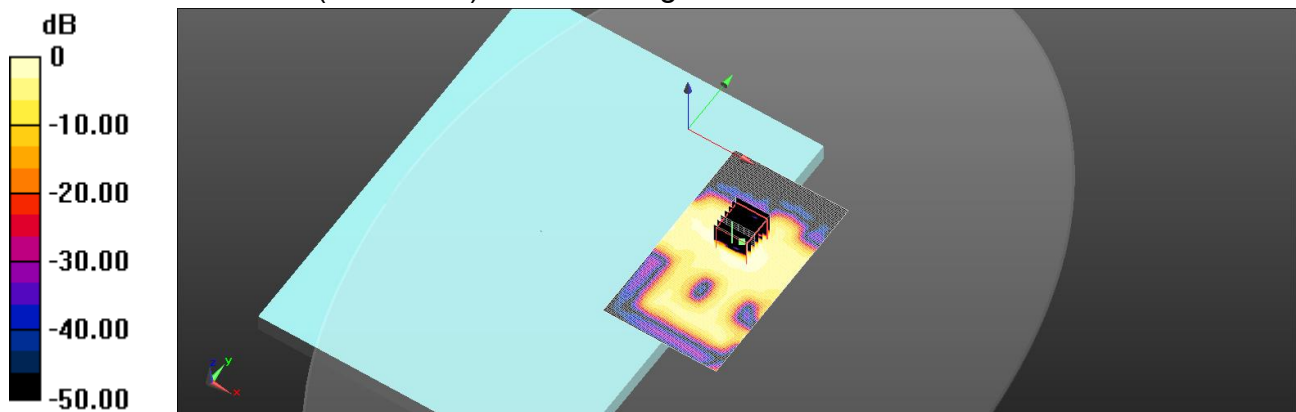
Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.017 W/kg

Smallest distance from peaks to all points 3 dB below = 16.9 mm

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

Maximum value of SAR (measured) = 0.113 W/kg



0 dB = 0.113 W/kg = -9.47 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/28

ID: 103

Report No. :TESA2606000466ES

WLAN 802.11be(40M) 5.3G_Body_Bottom Surface_CH 54_0mm_Ant 2

Communication System: WLAN; Frequency: 5270 MHz; Duty cycle= 1:1.033

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.753 \text{ S/m}$; $\epsilon_r = 36.383$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.81, 4.9, 5.18) @ 5270 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 (81x141x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.105 W/kg

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

Reference Value = 3.958 V/m; Power Drift = 0.10 dB

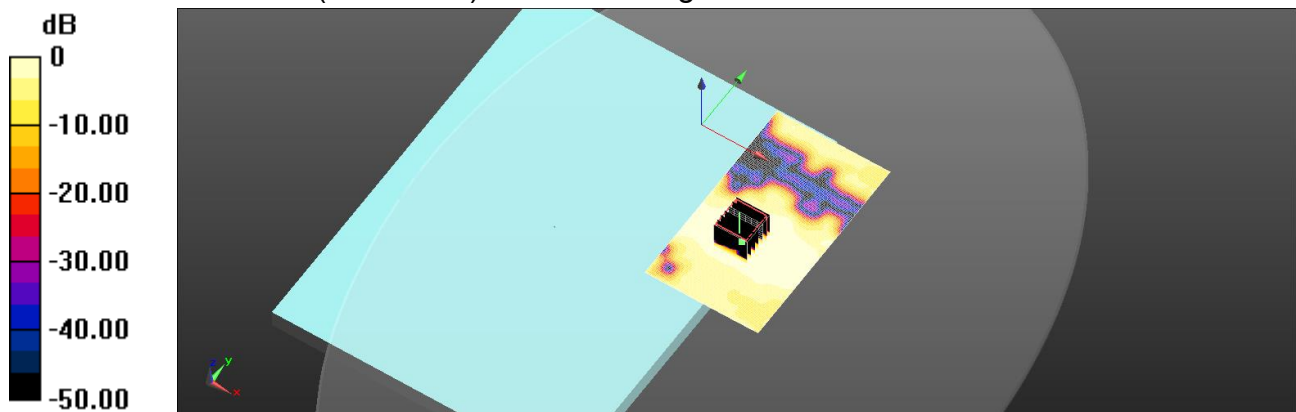
Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.013 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 50.5%

Maximum value of SAR (measured) = 0.0948 W/kg



0 dB = 0.0948 W/kg = -10.23 dBW/kg

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f (886-2) 2298-0488

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Date: 2026/7/29

ID: 104

Report No. :TESA2606000466ES

WLAN 802.11ac(80M) 5.6G_Body_Bottom Surface_CH 122_0mm_Ant 2

Communication System: WLAN; Frequency: 5610 MHz;Duty Cycle: 1:1.01

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.111 \text{ S/m}$; $\epsilon_r = 35.947$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.35, 4.44, 4.69) @ 5610 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 (101x121x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0597 W/kg

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

Reference Value = 1.600 V/m; Power Drift = -0.01 dB

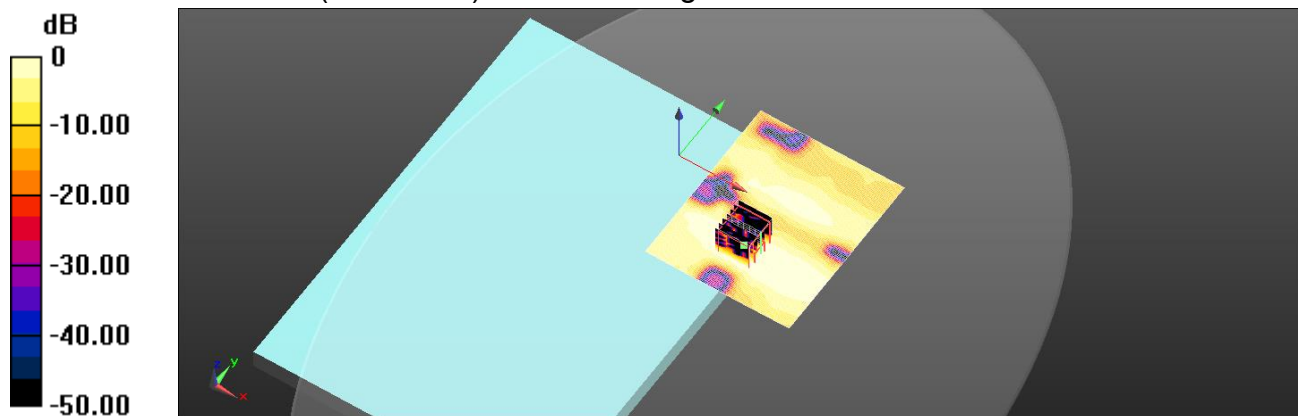
Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00817 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 44.8%

Maximum value of SAR (measured) = 0.0566 W/kg



0 dB = 0.0566 W/kg = -12.47 dBW/kg

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Date: 2026/7/29

ID: 105

Report No. :TESA2606000466ES

WLAN 802.11ac(80M) 5.8G_Body_Bottom Surface_CH 155_0mm_Ant 2

Communication System: WLAN; Frequency: 5775 MHz;Duty Cycle: 1:1.01

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.255 \text{ S/m}$; $\epsilon_r = 35.838$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.41, 4.49, 4.75) @ 5775 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 (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.0908 W/kg

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

Reference Value = 1.088 V/m; Power Drift = 0.02 dB

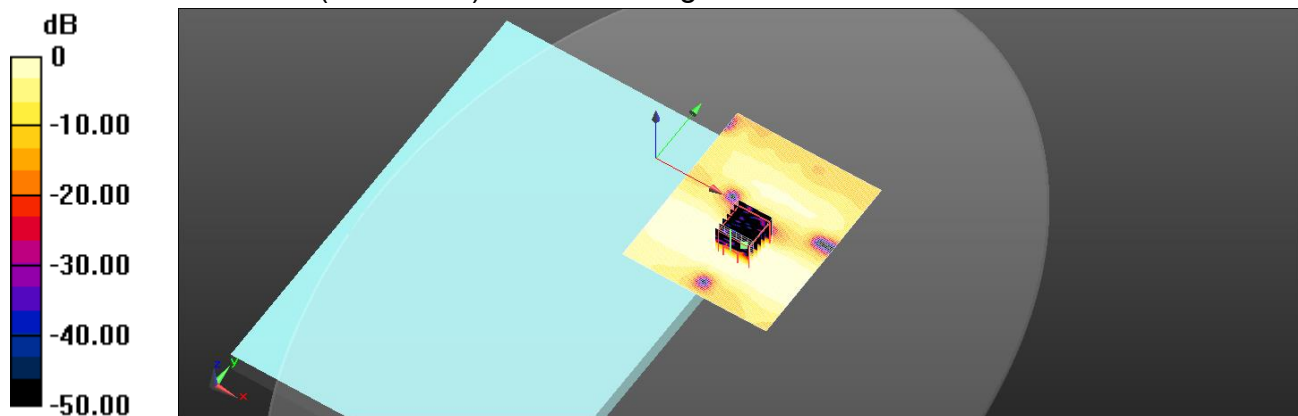
Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0828 W/kg



0 dB = 0.0828 W/kg = -10.82 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2026/7/30

ID: 106

Report No. :TESA2606000466ES

WLAN 802.11ac(80M) 5.9G_Body_Bottom Surface_CH 171_0mm_Ant 2

Communication System: WLAN; Frequency: 5855 MHz;Duty Cycle: 1:1.01

Medium parameters used: $f = 5855 \text{ MHz}$; $\sigma = 5.502 \text{ S/m}$; $\epsilon_r = 36.237$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

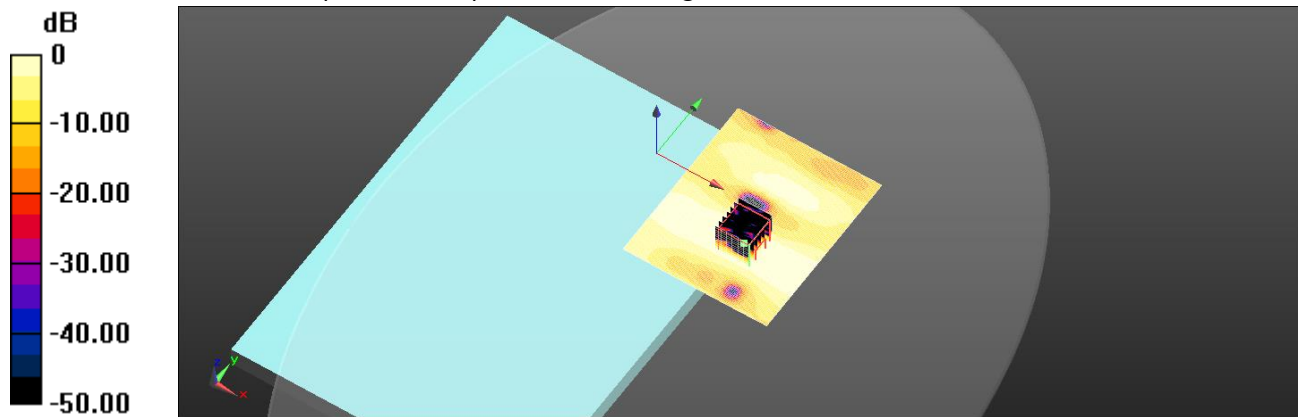
Ambient temperature: 22.7°C ; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7754; ConvF(4.21, 4.29, 4.54) @ 5855 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 (101x121x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$ Maximum value of SAR (interpolated) = 0.0959 W/kg **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 2.504 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 0.182 W/kg **SAR(1 g) = 0.038 W/kg ; SAR(10 g) = 0.015 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 41.9% Maximum value of SAR (measured) = 0.0913 W/kg  $0 \text{ dB} = 0.0913 \text{ W/kg} = -10.40 \text{ dBW/kg}$

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ID: 107

Report No.: TESA2606000466ES

Measurement Report U-NII-5 6.2GHz 802.11ax(160M)_Body_Bottom Surface_Ch 15_0mm_Ant 1

Ambient temperature: 22.7°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6025.0, 15	5.54	5.48	34.08

Hardware Setup

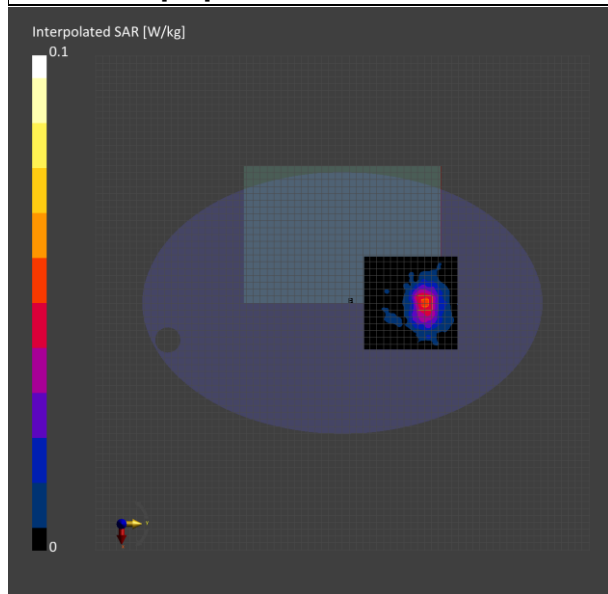
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7509, 2026-04-23	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	136.0 x 136.0	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	2026-7-30	2026-7-30
psSAR1g [W/kg]	0.041	0.045
psSAR8g [W/kg]	0.020	0.022
psSAR10g [W/kg]	0.018	0.020
psPDab (4.0cm2, sq) [W/m2]		0.432
Power Drift [dB]	0.00	-0.09
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		> 11.0



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ID: 108

Report No.: TESA2606000466ES

Measurement Report U-NII-6 6.5GHz 802.11ax(160M)_Body_Bottom Surface_Ch 111_0mm_Ant 1

Ambient temperature: 22.7°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6505.0, 111	5.54	6.07	33.53

Hardware Setup

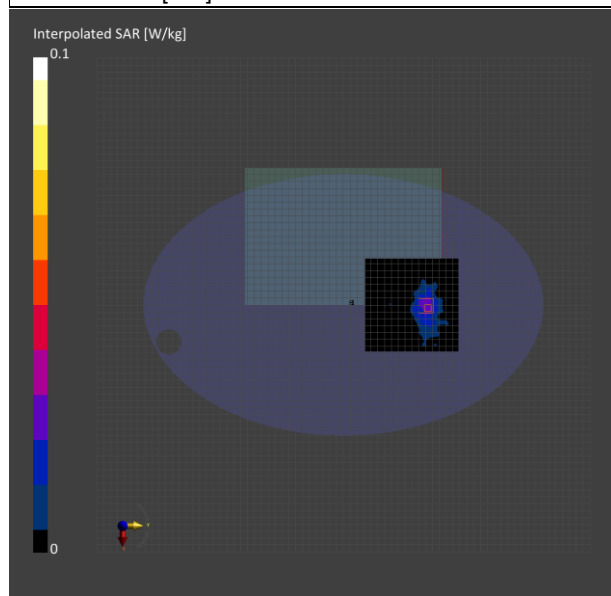
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7509, 2026-04-23	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	136.0 x 136.0	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	2026-7-30	2026-7-30
psSAR1g [W/kg]	0.024	0.032
psSAR8g [W/kg]	0.011	0.016
psSAR10g [W/kg]	0.010	0.014
psPDab (4.0cm2, sq) [W/m2]		0.314
Power Drift [dB]	0.01	-0.07
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		> 11.0



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ID: 109

Report No.: TESA2606000466ES

Measurement Report U-NII-7 6.7GHz 802.11ax(160M)_Body_Bottom Surface_Ch 143_0mm_Ant 1

Ambient temperature: 22.7°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6665.0, 143	5.54	6.26	33.37

Hardware Setup

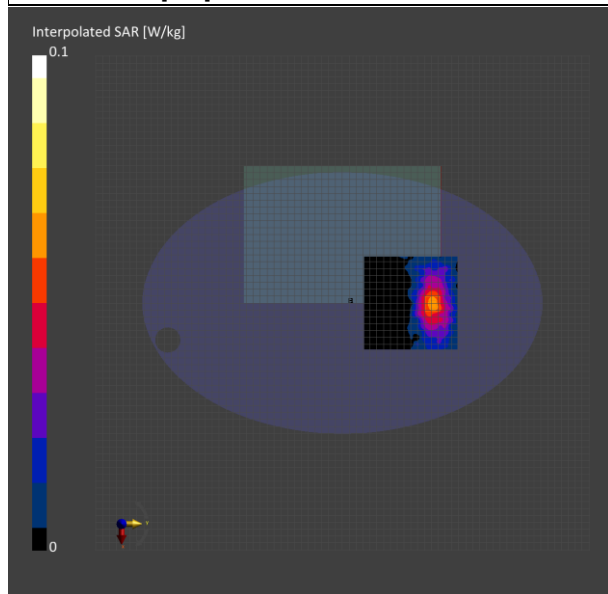
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7509, 2026-04-23	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	136.0 x 136.0	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	2026-7-30	2026-7-30
psSAR1g [W/kg]	0.055	0.060
psSAR8g [W/kg]	0.026	0.029
psSAR10g [W/kg]	0.024	0.027
psPDab (4.0cm2, sq) [W/m2]		0.587
Power Drift [dB]	0.03	0.04
M2/M1 [%]		52.9
Dist 3dB Peak [mm]		> 11.0



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ID: 110

Report No.: TESA2606000466ES

Measurement Report U-NII-8 7.0GHz 802.11ax(160M)_Body_Bottom Surface_Ch 207_0mm_Ant 1

Ambient temperature: 22.7°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6985.0, 207	5.72	6.61	32.95

Hardware Setup

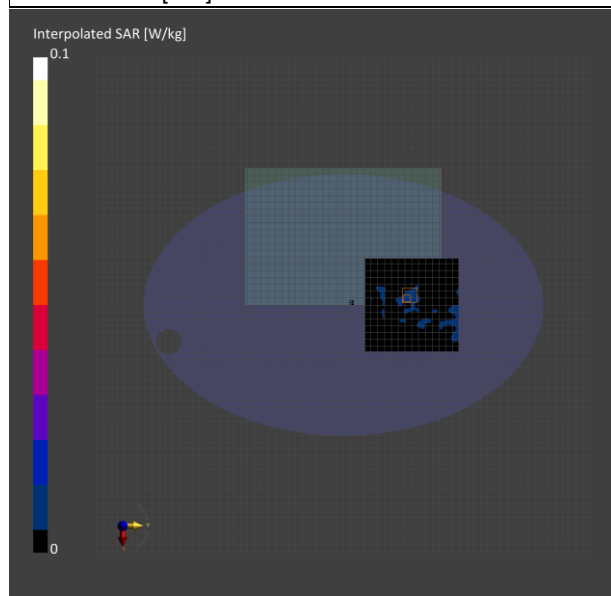
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7509, 2026-04-23	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	136.0 x 136.0	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	2026-7-30	2026-7-30
psSAR1g [W/kg]	0.013	0.015
psSAR8g [W/kg]	0.005	0.007
psSAR10g [W/kg]	0.004	0.006
psPDab (4.0cm2, sq) [W/m2]		0.134
Power Drift [dB]	0.01	0.08
M2/M1 [%]		49.8
Dist 3dB Peak [mm]		> 11.0



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ID: 111

Report No.: TESA2606000466ES

Measurement Report U-NII-5 6.2GHz 802.11ax(160M)_Body_Bottom Surface_Ch 79_0mm_Ant 2

Ambient temperature: 22.7°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6345.0, 79	5.54	5.86	33.84

Hardware Setup

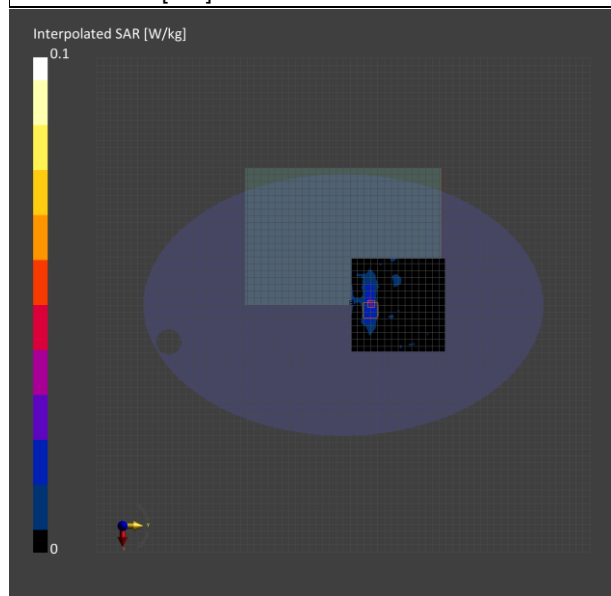
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7509, 2026-04-23	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	136.0 x 136.0	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	2026-7-30	2026-7-30
psSAR1g [W/kg]	0.020	0.026
psSAR8g [W/kg]	0.009	0.012
psSAR10g [W/kg]	0.008	0.011
psPDab (4.0cm2, sq) [W/m2]		0.237
Power Drift [dB]	0.11	-0.04
M2/M1 [%]		56.2
Dist 3dB Peak [mm]		> 11.0



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ID: 112

Report No.: TESA2606000466ES

Measurement Report U-NII-6 6.5GHz 802.11ax(160M)_Body_Bottom Surface_Ch 111_0mm_Ant 2

Ambient temperature: 22.7°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Surface, 0.00	6505.0, 111	5.54	6.07	33.53

Hardware Setup

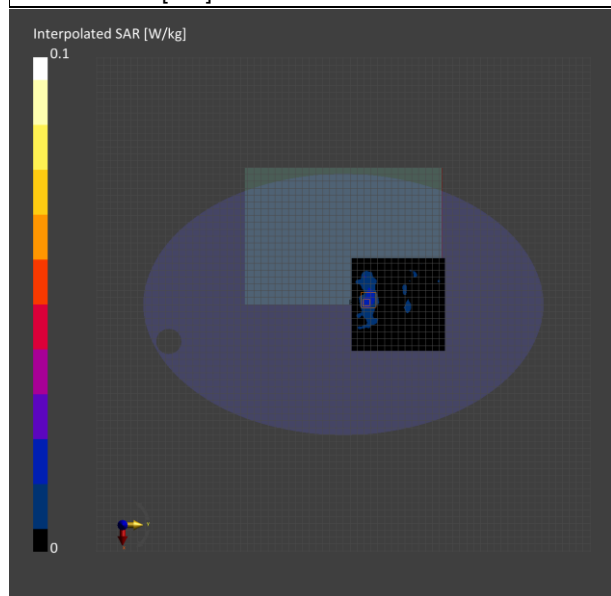
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI	EX3DV4 - SN7509, 2026-04-23	DAE4 Sn1665, 2026-03-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	136.0 x 136.0	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	2026-7-30	2026-7-30
psSAR1g [W/kg]	0.018	0.020
psSAR8g [W/kg]	0.008	0.009
psSAR10g [W/kg]	0.007	0.008
psPDab (4.0cm2, sq) [W/m2]		0.183
Power Drift [dB]	-0.04	0.09
M2/M1 [%]		39.3
Dist 3dB Peak [mm]		> 11.0



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