

RF Exposure report



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

Product Name	Chromebook
Brand Name	CTL, PEGATRON
Model No.	PX112CT-L
Family Model No.	PX112C-L
Model Difference	Model name for touch panel and Non-touch panel PX112CT-L (TOUCH PANEL) PX112C-L (NON-TOUCH)
Applicant	PEGATRON CORPORATION 5F., No.76, LIGONG ST., BEITOU DISTRICT, Taipei City, 11259, Taiwan
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013
WWAN FCC ID	VUIRW135GL
WLAN FCC ID	VUIAX211D2
Date of EUT Receipt	Oct. 08, 2025
Date of Test(s)	Oct. 21, 2025 ~ Nov. 11, 2025
Date of Issue	Jan. 14, 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
TESA2510000765ES	00	Initial creation of document	Jan. 14, 2026	Kimmy Chiou	

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.
2. Variant information of model number is provided by the applicant, test results of this report are applicable to the sample EUT(s) received.
After assessment, it is necessary spot check series model.

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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

KDB447498D01v06

KDB865664D01v01r04

KDB865664D02v01r02

KDB616217D04v01r02

KDB941225D05v02r05

KDB941225D05Av01r02

KDB248227D01v02r02

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

Product Name	Chromebook	
Brand Name	CTL, PEGATRON	
Model No.	PX112CT-L	
Family Model No.	PX112C-L	
Model Difference	Model name for touch panel and Non-touch panel PX112CT-L (TOUCH PANEL) PX112C-L (NON-TOUCH)	
Integrated WWAN Module	Brand Name: Rolling Wireless Model Name: RW135-GL	
Integrated WLAN Module	Brand Name: Intel® Wi-Fi 6E AX211 Model Name: AX211D2W	
Duty Cycle	LTE FDD	1
	LTE TDD	0.633
	5G NR	1
	WLAN 802.11	Please refer to section 3
	Bluetooth	Please refer to section 3

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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	2570-2620
	LTE TDD Band 41	2496-2690
	LTE TDD Band 42	3400-3600
	LTE TDD Band 43	3600-3700
	LTE TDD Band 48	3550-3700
	LTE FDD Band 66	1710-1780
	LTE FDD Band 70	1695-1710
	LTE FDD Band 71	663-698
	n2	1850-1910
	n5	824-849
	n7	2500-2570
	n12	699-716
	n13	777-787
	n14	788-798

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Supported radios (TX Frequency Range, MHz)	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
	n78	3300-3800
	802.11 b/g/n/ax	2.4GHz (2400.0 – 2483.5 MHz)
	802.11a/n/ac/ax	5.2GHz (5150.0 – 5250.0 MHz) 5.3GHz (5250.0 – 5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz) 5.9GHz (5850.0 – 5895.0 MHz)
	802.11a	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)
WWAN	1.20	N/A	N/A
Bluetooth(GFSK)	<0.01	N/A	N/A
2.4G WLAN	0.23	N/A	N/A
5G WLAN	0.35	N/A	N/A
6G WLAN	0.23	1.80	2.25

1.4 Antenna Information

WWAN

Vendor	AWAN									
Antenna	Main									
Part Number	1415-0BJP000									
Frequency(MHz)	71	12	17	13	14	26	5	4	66	2
	663~698	699~716	704~716	777~787	788~798	814~849	824~849	1710~1755	1710~1780	1850~1910
Peak Gain (dBi)	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.77	2.77	2.77
Frequency(MHz)	25	30	41	7	38	42	48	78	77	
	1850~1915	2305~2315	2496~2690	2500~2570	2570~2620	3400~3600	3550~3700	3300~3800	3300~4200	
Peak Gain (dBi)	2.77	2.77	2.77	2.77	2.77	1.16	1.16	1.16	1.16	

WLAN

Vendor	AWAN									
Antenna	Main									
Part Number	1415-0B01000									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Peak Gain (dBi)	2.24	1.74	2.52	2.35	2.35	2.30	2.70	1.62	2.56	1.95
Antenna	Aux									
Part Number	1415-0B04000									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Peak Gain (dBi)	2.31	0.43	1.11	1.39	1.39	0.28	2.19	1.71	2.81	2.44

Vendor	HighTek									
Antenna	Main									
Part Number	1415-0B02000									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Peak Gain (dBi)	2.23	1.50	2.46	1.97	1.97	2.28	2.28	1.57	1.57	1.86
Antenna	Aux									
Part Number	1415-0B03000									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Peak Gain (dBi)	2.28	0.41	1.34	0.80	-0.16	-0.18	2.13	1.70	2.70	2.38

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

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

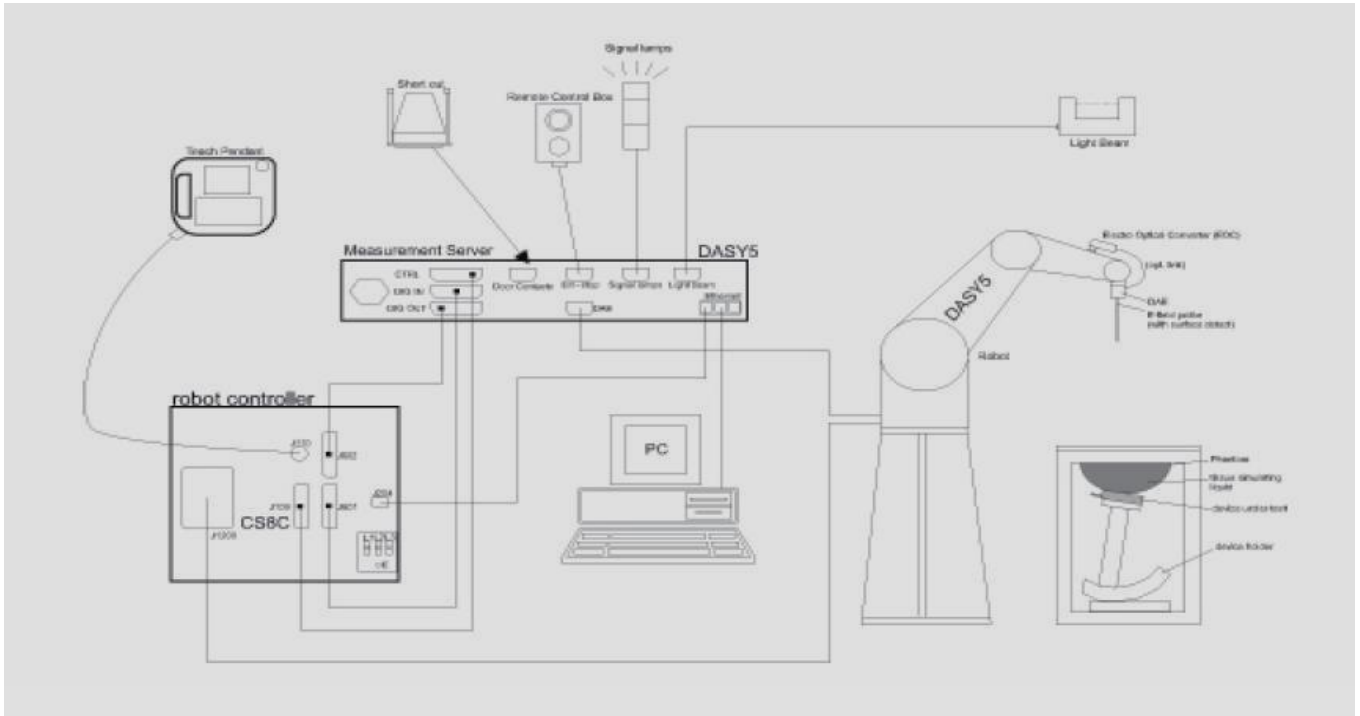
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2.2 SAR System

Block Diagram (DASY5)

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



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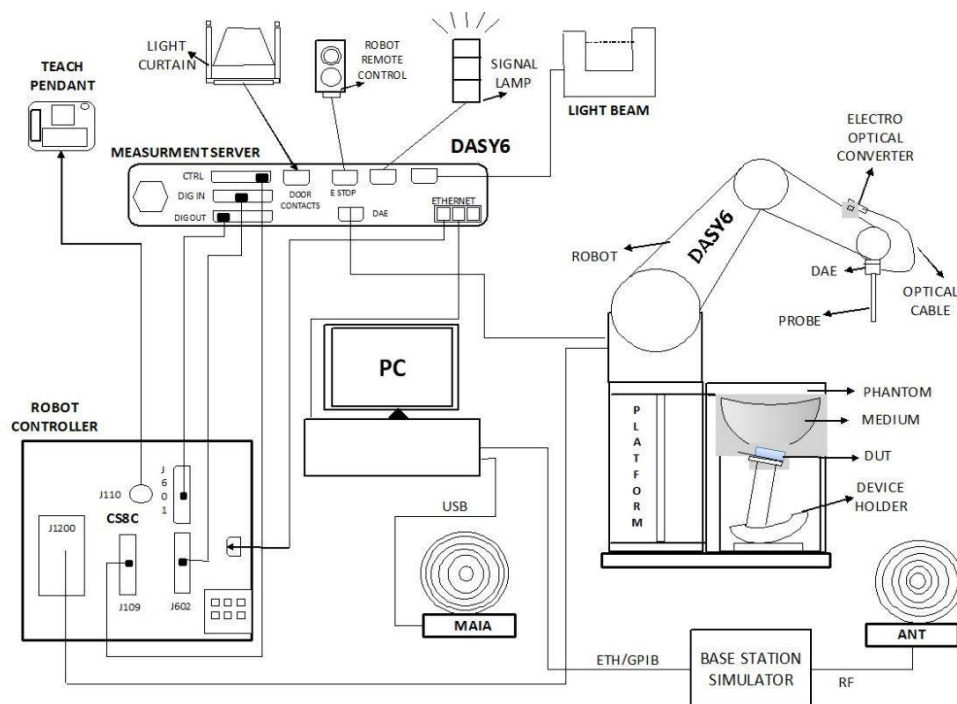
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Block Diagram (DASY6)

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



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

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EX3DV4 E-Field Probe

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

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PHANTOM (ELI)

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



DEVICE HOLDER

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

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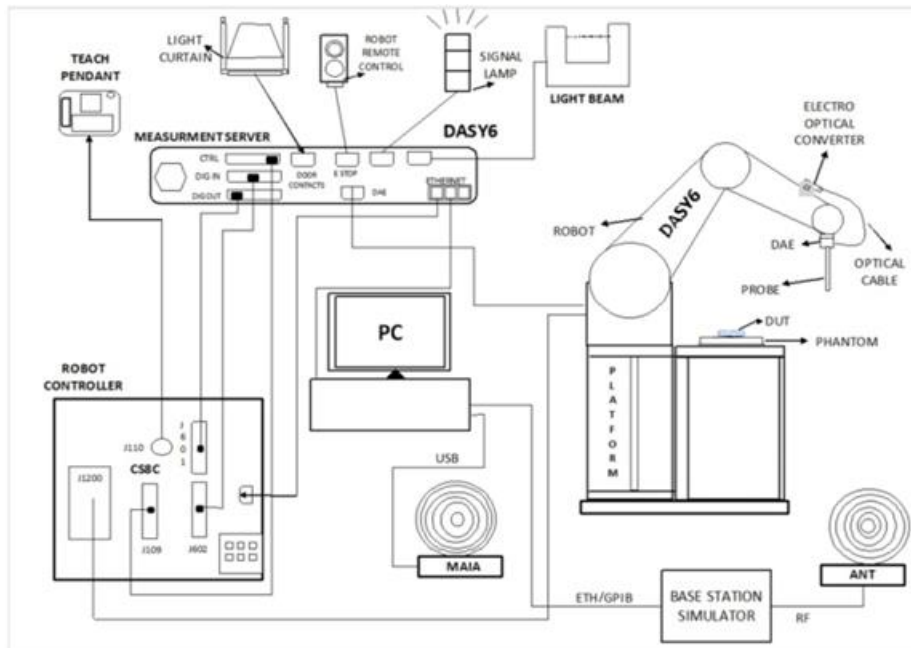
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2.3 PD system

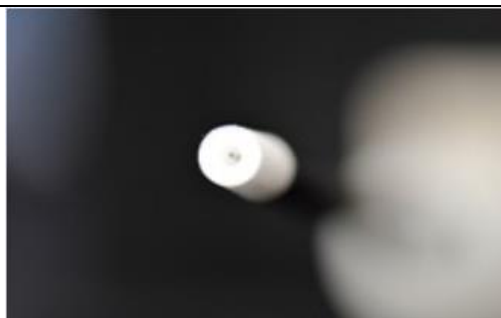
Block Diagram (DASY6)

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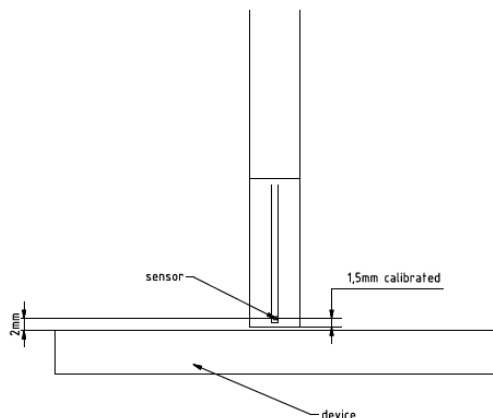
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Dynamic Range	< 20 V/m – 10,000 V/m with PRE-10 (min < 50 V/m - 3000 V/m)
Position Precision	< 0.2 mm (DASY6)
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: encapsulation 8 mm (internal sensor < 1mm) Distance from probe tip to dipole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



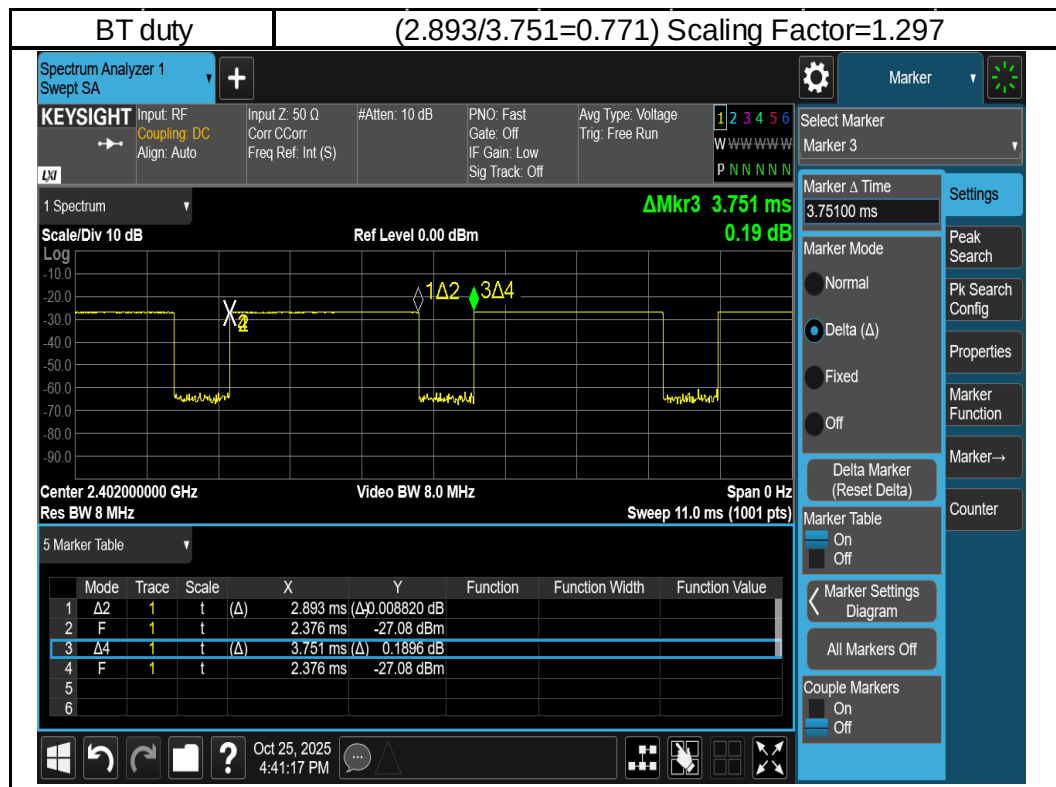
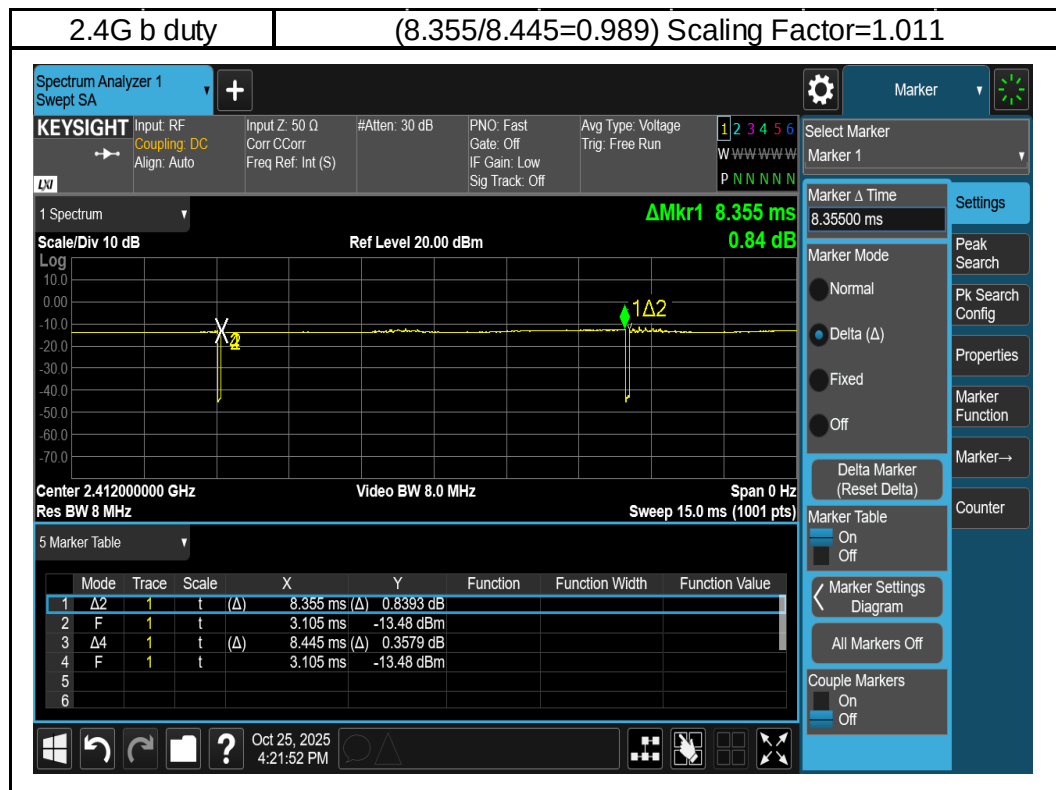
mmWave Phantom

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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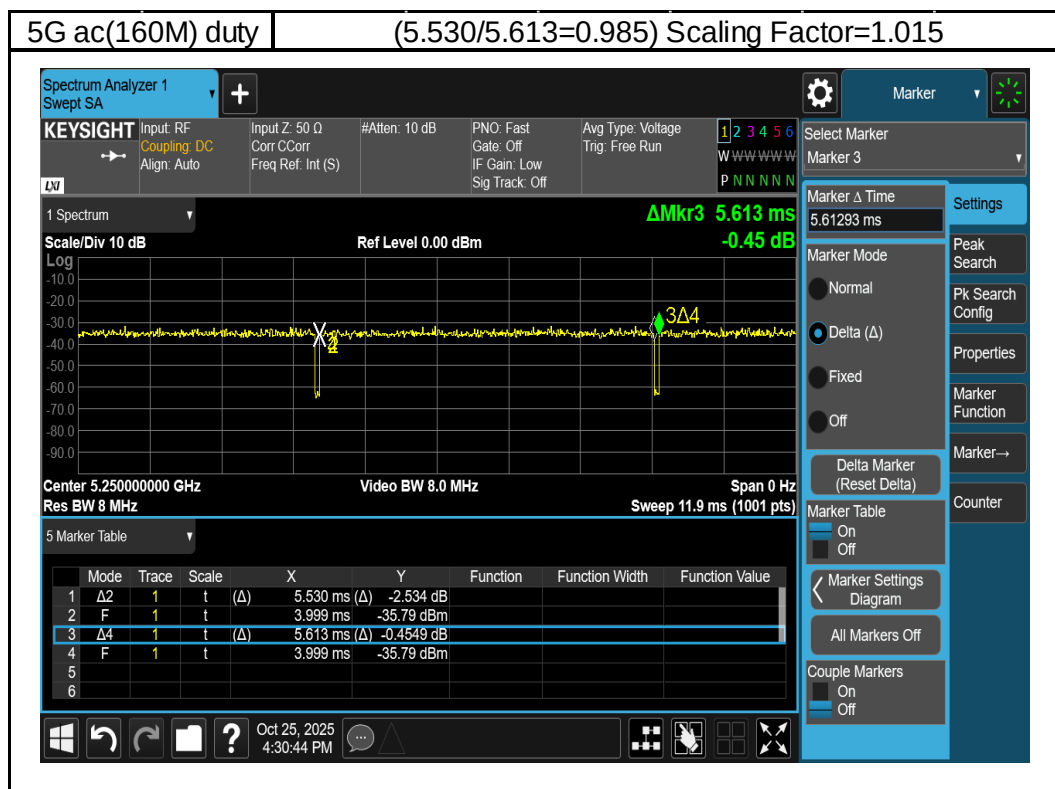
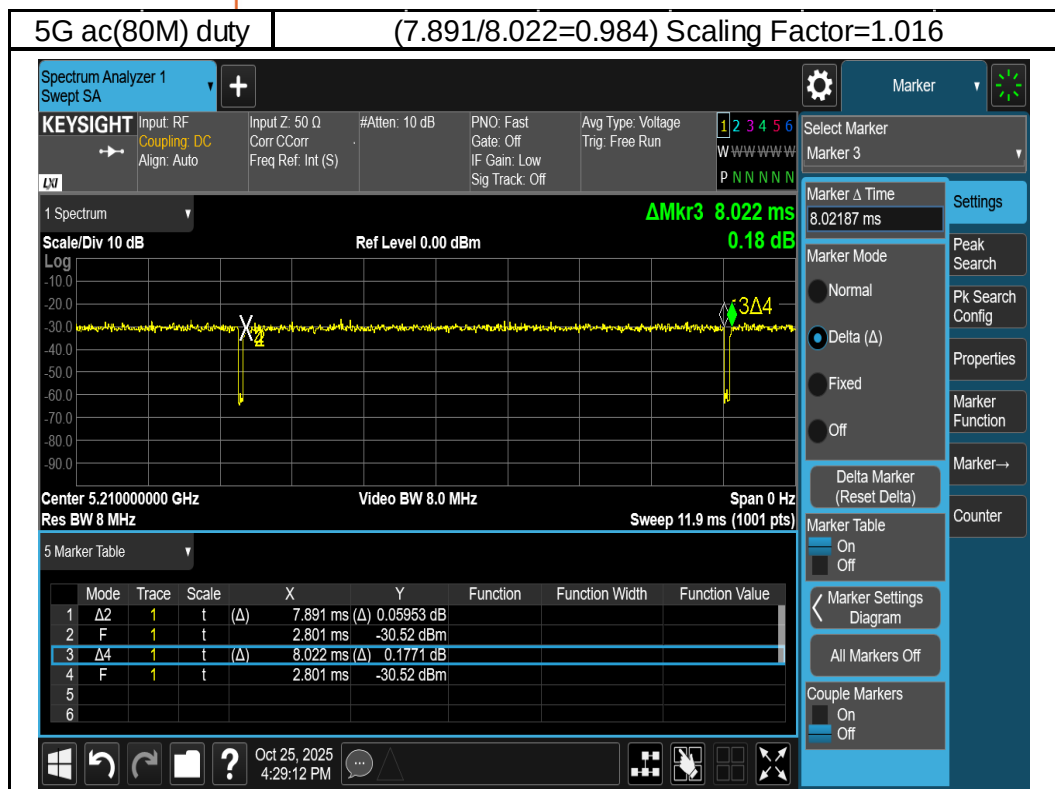
3 DUTY CYCLE



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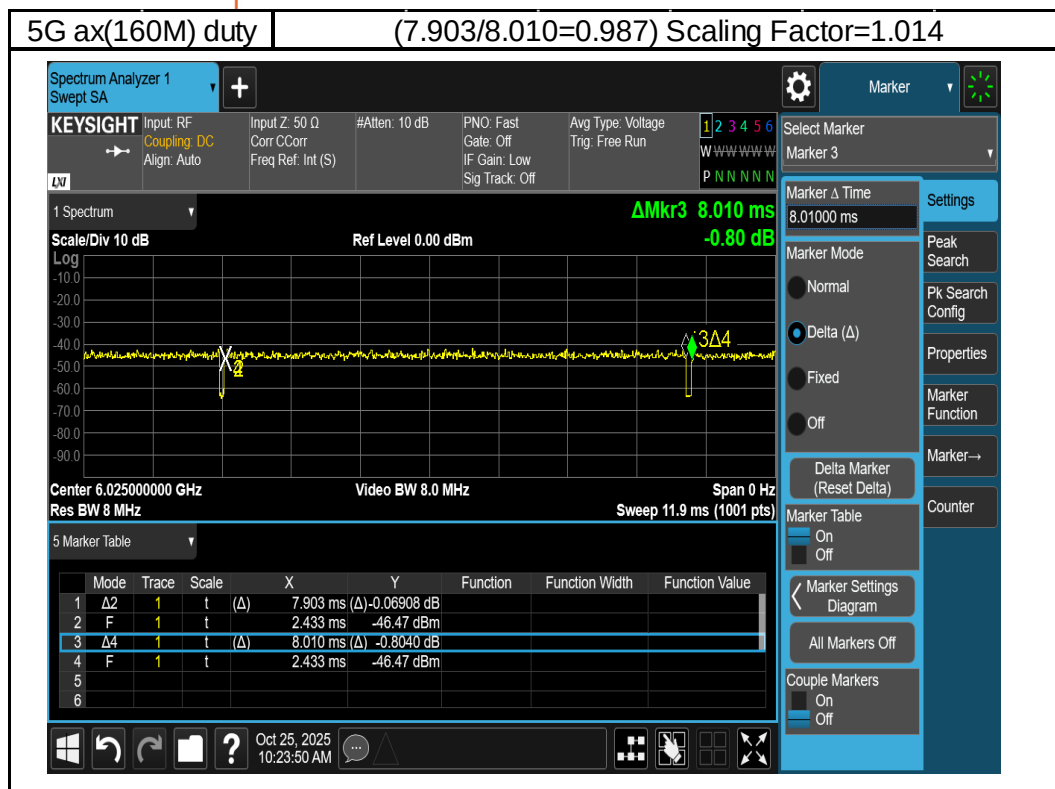
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4 SAR SYSTEM VERIFICATION

4.1 Tissue Simulating Liquid

For the measurement of the field distribution inside the SAM phantom with DASY, the phantom must be filled with homogeneous tissue simulating liquid. For head SAR testing, the liquid height from the ear rint (ERP) of the phantom to the liquid top surface is larger than 15cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15cm.

4.2 Tissue Simulant Liquid measurement

The dielectric properties for this Head-simulant fluid were measured by using the SPEAG Dielectric Assessment Kit (DAKS-3.5)

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The measured conductivity and permittivity are all within $\pm 5\%$ of the target values.

4.3 Measurement results of Tissue Simulant Liquid

Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date
673	42.311	0.885	43.422	0.856	2.63%	-3.26%	$\pm 5\%$	Oct. 22, 2025
680.5	42.271	0.885	43.322	0.862	2.49%	-2.64%	$\pm 5\%$	
688	42.231	0.886	43.220	0.874	2.34%	-1.34%	$\pm 5\%$	
704	42.145	0.887	43.163	0.887	2.41%	0.01%	$\pm 5\%$	
706.5	42.132	0.887	43.147	0.895	2.41%	0.89%	$\pm 5\%$	
707.5	42.127	0.887	43.143	0.896	2.41%	1.00%	$\pm 5\%$	
708.5	42.121	0.887	43.141	0.897	2.42%	1.10%	$\pm 5\%$	
709	42.119	0.887	43.131	0.899	2.40%	1.32%	$\pm 5\%$	
710	42.113	0.887	43.127	0.900	2.41%	1.43%	$\pm 5\%$	
711	42.108	0.887	43.122	0.903	2.41%	1.76%	$\pm 5\%$	
750	41.900	0.890	42.922	0.905	2.44%	1.69%	$\pm 5\%$	
782	41.749	0.894	42.761	0.906	2.42%	1.37%	$\pm 5\%$	
793	41.698	0.895	42.696	0.907	2.39%	1.33%	$\pm 5\%$	Oct. 23, 2025
821.5	41.564	0.898	42.596	0.910	2.48%	1.29%	$\pm 5\%$	
824	41.555	0.899	42.575	0.911	2.45%	1.33%	$\pm 5\%$	
829	41.528	0.899	42.560	0.912	2.48%	1.41%	$\pm 5\%$	
831.5	41.516	0.900	42.553	0.914	2.50%	1.60%	$\pm 5\%$	
834	41.505	0.900	42.538	0.918	2.49%	2.01%	$\pm 5\%$	
835	41.500	0.900	42.536	0.921	2.50%	2.33%	$\pm 5\%$	
836.5	41.500	0.902	42.534	0.923	2.49%	2.37%	$\pm 5\%$	
839	41.500	0.904	42.520	0.926	2.46%	2.40%	$\pm 5\%$	
841.5	41.500	0.907	42.514	0.928	2.44%	2.32%	$\pm 5\%$	
844	41.500	0.910	42.512	0.931	2.44%	2.34%	$\pm 5\%$	

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Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date
1702.5	40.139	1.344	41.140	1.375	2.49%	2.31%	± 5%	Oct. 24, 2025
1720	40.127	1.354	41.115	1.396	2.46%	3.13%	± 5%	
1732.5	40.116	1.360	41.083	1.399	2.41%	2.83%	± 5%	
1745	40.105	1.367	41.069	1.409	2.40%	3.05%	± 5%	
1750	40.100	1.370	41.066	1.412	2.41%	3.07%	± 5%	
1770	40.060	1.382	41.037	1.414	2.44%	2.32%	± 5%	
1860	40.000	1.400	40.985	1.431	2.46%	2.21%	± 5%	
1880	40.000	1.400	40.984	1.436	2.46%	2.57%	± 5%	
1882.5	40.000	1.400	40.983	1.438	2.46%	2.71%	± 5%	
1900	40.000	1.400	40.981	1.439	2.45%	2.79%	± 5%	
1905	40.000	1.400	40.980	1.443	2.45%	3.07%	± 5%	
2300	39.500	1.670	40.452	1.740	2.41%	4.19%	± 5%	Oct. 25, 2025
2310	39.480	1.679	40.431	1.747	2.41%	4.07%	± 5%	
2402	39.296	1.758	40.262	1.825	2.46%	3.79%	± 5%	
2412	39.276	1.767	40.246	1.830	2.47%	3.56%	± 5%	
2437	39.226	1.789	40.208	1.853	2.50%	3.59%	± 5%	
2440	39.217	1.791	40.203	1.855	2.51%	3.57%	± 5%	
2441	39.218	1.792	40.199	1.862	2.50%	3.89%	± 5%	
2450	39.200	1.800	40.194	1.867	2.54%	3.72%	± 5%	
2462	39.184	1.813	40.169	1.878	2.51%	3.60%	± 5%	
2480	39.160	1.832	40.149	1.897	2.53%	3.55%	± 5%	
2506	39.125	1.860	40.117	1.919	2.53%	3.19%	± 5%	Oct. 27, 2025
2506.02	39.125	1.860	40.114	1.924	2.53%	3.44%	± 5%	
2510	39.120	1.864	40.105	1.927	2.52%	3.38%	± 5%	
2535	39.087	1.891	40.069	1.946	2.51%	2.93%	± 5%	
2549.5	39.067	1.906	40.060	1.955	2.54%	2.56%	± 5%	
2560	39.053	1.917	40.037	1.979	2.52%	3.22%	± 5%	
2580	39.027	1.939	40.021	1.982	2.55%	2.24%	± 5%	
2592.99	39.009	1.953	40.010	1.996	2.57%	2.23%	± 5%	
2593	39.009	1.953	40.007	1.997	2.56%	2.28%	± 5%	
2595	39.007	1.955	39.995	2.008	2.53%	2.73%	± 5%	
2600	39.000	1.960	39.985	2.009	2.53%	2.50%	± 5%	
2610	38.988	1.971	39.973	2.011	2.53%	2.03%	± 5%	
2636.5	38.954	2.000	39.955	2.034	2.57%	1.69%	± 5%	
2679.99	38.900	2.048	39.894	2.087	2.56%	1.90%	± 5%	
2680	38.900	2.048	39.886	2.089	2.53%	2.00%	± 5%	

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t (886-2) 2299-3279

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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
3460	37.948	2.869	38.968	2.923	2.69%	1.88%	± 5%	Oct. 28, 2025
3499.995	37.900	2.910	38.922	2.966	2.70%	1.92%	± 5%	
3500	37.900	2.910	38.914	2.975	2.68%	2.23%	± 5%	
3540	37.860	2.952	38.869	3.012	2.67%	2.03%	± 5%	
3560	37.840	2.972	38.853	3.031	2.68%	1.97%	± 5%	
3560.01	37.840	2.972	38.847	3.033	2.66%	2.05%	± 5%	
3575	37.825	2.988	38.834	3.040	2.67%	1.74%	± 5%	
3590	37.810	3.004	38.804	3.050	2.63%	1.54%	± 5%	
3609	37.791	3.023	38.785	3.081	2.63%	1.91%	± 5%	Oct. 29, 2025
3625.02	37.775	3.040	38.765	3.102	2.62%	2.04%	± 5%	
3641	37.759	3.057	38.750	3.116	2.62%	1.94%	± 5%	
3660	37.740	3.076	38.740	3.130	2.65%	1.76%	± 5%	
3662.5	37.738	3.079	38.721	3.139	2.60%	1.95%	± 5%	
3665	37.735	3.082	38.719	3.142	2.61%	1.95%	± 5%	
3690	37.710	3.108	38.694	3.167	2.61%	1.91%	± 5%	
3700	37.700	3.118	38.688	3.171	2.62%	1.70%	± 5%	
3750	37.650	3.170	38.620	3.228	2.58%	1.83%	± 5%	
3795	37.605	3.217	38.568	3.282	2.56%	2.03%	± 5%	
3840	37.560	3.264	38.519	3.311	2.55%	1.45%	± 5%	
3885	37.515	3.310	38.479	3.373	2.57%	1.89%	± 5%	
3900	37.500	3.326	38.461	3.392	2.56%	1.98%	± 5%	Oct. 30, 2025
3930	37.470	3.357	38.418	3.415	2.53%	1.72%	± 5%	
5250	35.950	4.710	36.911	4.848	2.67%	2.93%	± 5%	
5290	35.910	4.750	36.866	4.886	2.66%	2.86%	± 5%	
5570	35.545	5.039	36.544	5.185	2.81%	2.91%	± 5%	
5600	35.500	5.070	36.510	5.227	2.85%	3.10%	± 5%	
5750	35.350	5.220	36.347	5.368	2.82%	2.84%	± 5%	
5775	35.325	5.245	36.310	5.397	2.79%	2.90%	± 5%	
5815	35.285	5.286	36.272	5.450	2.80%	3.10%	± 5%	Oct. 31, 2025
5850	35.250	5.323	36.229	5.478	2.78%	2.91%	± 5%	
6025	35.070	5.510	36.03	5.66	2.74%	2.70%	± 5%	
6185	34.878	5.698	35.83	5.83	2.72%	2.31%	± 5%	
6345	34.686	5.887	35.64	6.00	2.74%	1.95%	± 5%	
6500	34.500	6.070	35.45	6.18	2.76%	1.73%	± 5%	
6505	34.494	6.076	35.44	6.19	2.75%	1.91%	± 5%	
6665	34.302	6.261	35.27	6.37	2.82%	1.69%	± 5%	
6825	34.110	6.447	35.07	6.54	2.82%	1.40%	± 5%	Oct. 31, 2025
6985	33.918	6.633	34.88	6.71	2.85%	1.18%	± 5%	
7000	33.900	6.650	34.85	6.73	2.79%	1.23%	± 5%	

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Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date
2412	39.276	1.767	40.373	1.832	2.79%	3.67%	± 5%	Nov. 07, 2025
2437	39.200	1.800	40.358	1.863	2.95%	3.50%	± 5%	
2450	39.200	1.800	40.322	1.870	2.86%	3.89%	± 5%	
2480	39.160	1.832	40.182	1.891	2.61%	3.22%	± 5%	
5250	35.950	4.710	37.010	4.856	2.95%	3.10%	± 5%	
5290	35.910	4.750	36.922	4.891	2.82%	2.97%	± 5%	
5570	35.545	5.039	36.607	5.134	2.99%	1.90%	± 5%	
5600	35.500	5.070	36.579	5.218	3.04%	2.92%	± 5%	
5750	35.350	5.220	36.410	5.356	3.00%	2.61%	± 5%	
5775	35.325	5.245	36.407	5.361	3.06%	2.21%	± 5%	
5812	35.288	5.283	36.402	5.404	3.16%	2.30%	± 5%	
5850	35.250	5.323	36.357	5.449	3.14%	2.38%	± 5%	
6025	35.070	5.510	36.18	5.63	3.17%	2.19%	± 5%	
6345	34.686	5.887	35.82	6.04	3.27%	2.60%	± 5%	
6500	34.500	6.070	35.58	6.21	3.13%	2.31%	± 5%	
6505	34.494	6.076	35.57	6.25	3.12%	2.87%	± 5%	
6665	34.302	6.261	35.40	6.37	3.20%	1.73%	± 5%	
6825	34.110	6.447	35.29	6.57	3.46%	1.91%	± 5%	
6985	33.918	6.633	35.02	6.75	3.25%	1.77%	± 5%	
7000	33.900	6.650	34.86	6.72	2.83%	1.05%	± 5%	
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
2412	39.276	1.767	40.373	1.832	2.79%	3.67%	± 5%	Nov. 07, 2025
2437	39.200	1.800	40.358	1.863	2.95%	3.50%	± 5%	
2450	39.200	1.800	40.322	1.870	2.86%	3.89%	± 5%	
2480	39.160	1.832	40.182	1.891	2.61%	3.22%	± 5%	
5250	35.950	4.710	37.010	4.856	2.95%	3.10%	± 5%	
5290	35.910	4.750	36.922	4.891	2.82%	2.97%	± 5%	
5570	35.545	5.039	36.607	5.134	2.99%	1.90%	± 5%	
5600	35.500	5.070	36.579	5.218	3.04%	2.92%	± 5%	
5750	35.350	5.220	36.410	5.356	3.00%	2.61%	± 5%	
5775	35.325	5.245	36.407	5.361	3.06%	2.21%	± 5%	
5815	35.285	5.286	36.402	5.404	3.17%	2.23%	± 5%	
5850	35.250	5.323	36.357	5.449	3.14%	2.38%	± 5%	
6025	35.070	5.510	36.180	5.630	3.17%	2.19%	± 5%	
6345	34.686	5.887	35.820	6.040	3.27%	2.60%	± 5%	
6500	34.500	6.070	35.580	6.210	3.13%	2.31%	± 5%	
6505	34.494	6.076	35.570	6.250	3.12%	2.87%	± 5%	
6665	34.302	6.261	35.400	6.370	3.20%	1.73%	± 5%	
6825	34.110	6.447	35.290	6.570	3.46%	1.91%	± 5%	
6985	33.918	6.633	35.020	6.750	3.25%	1.77%	± 5%	
7000	33.900	6.650	34.860	6.720	2.83%	1.05%	± 5%	

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4.4 The composition of the tissue simulating liquid:

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

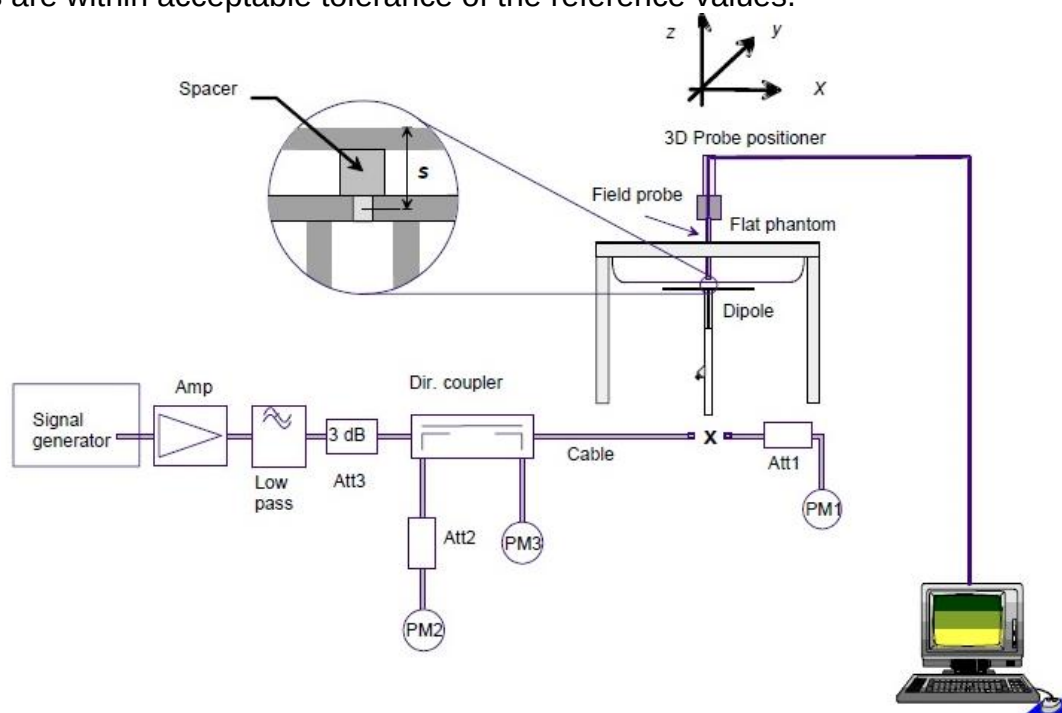
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

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	2.16	8.64	1.17	± 10%	Oct.22,2025
D835V2	4d063	835	9.47	2.38	9.52	0.53	± 10%	Oct.23,2025
D1750V2	1008	1750	36.4	9.14	36.56	0.44	± 10%	Oct.24,2025
D1900V2	5d173	1900	39.8	9.99	39.96	0.40	± 10%	Oct.24,2025
D2300V2	1023	2300	49.3	11.9	47.6	-3.45	± 10%	Oct.25,2025
D2450V2	727	2450	52.6	12.9	51.6	-1.90	± 10%	Oct.25,2025
D2600V2	1005	2600	55.3	14.1	56.4	1.99	± 10%	Oct.27,2025
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D3500V2	1009	3500	65.8	7.03	70.3	6.84	± 10%	Oct.28,2025
D3700V2	1057	3700	67.5	6.83	68.3	1.19	± 10%	Oct.29,2025
D3900V2	1032	3900	66.9	6.84	68.4	2.24	± 10%	Oct.29,2025
D5GHzV2	1349	5250	80.9	8.29	82.9	2.47	± 10%	Oct.30,2025
D5GHzV2	1349	5600	82.4	7.76	77.6	-5.83	± 10%	Oct.30,2025
D5GHzV2	1349	5750	80.8	7.77	77.7	-3.84	± 10%	Oct.30,2025
D5GHzV2	1349	5850	79.9	7.88	78.8	-1.38	± 10%	Oct.30,2025
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D6.5GHzV2	1006	6500	295	29.8	298	1.02	± 10%	Oct.31,2025
D7GHzV2	1007	7000	287	26.9	269	-6.27	± 10%	Oct.31,2025
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D2450V2	727	2450	52.6	12.1	48.4	-7.98	± 10%	Nov.07,2025
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D5GHzV2	1349	5250	80.9	7.89	78.9	-2.47	± 10%	Nov.07,2025
D5GHzV2	1349	5600	82.4	8.2	82	-0.49	± 10%	Nov.07,2025
D5GHzV2	1349	5750	80.8	7.38	73.8	-8.66	± 10%	Nov.07,2025
D5GHzV2	1349	5850	79.9	8.31	83.1	4.01	± 10%	Nov.07,2025

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f (886-2) 2298-0488

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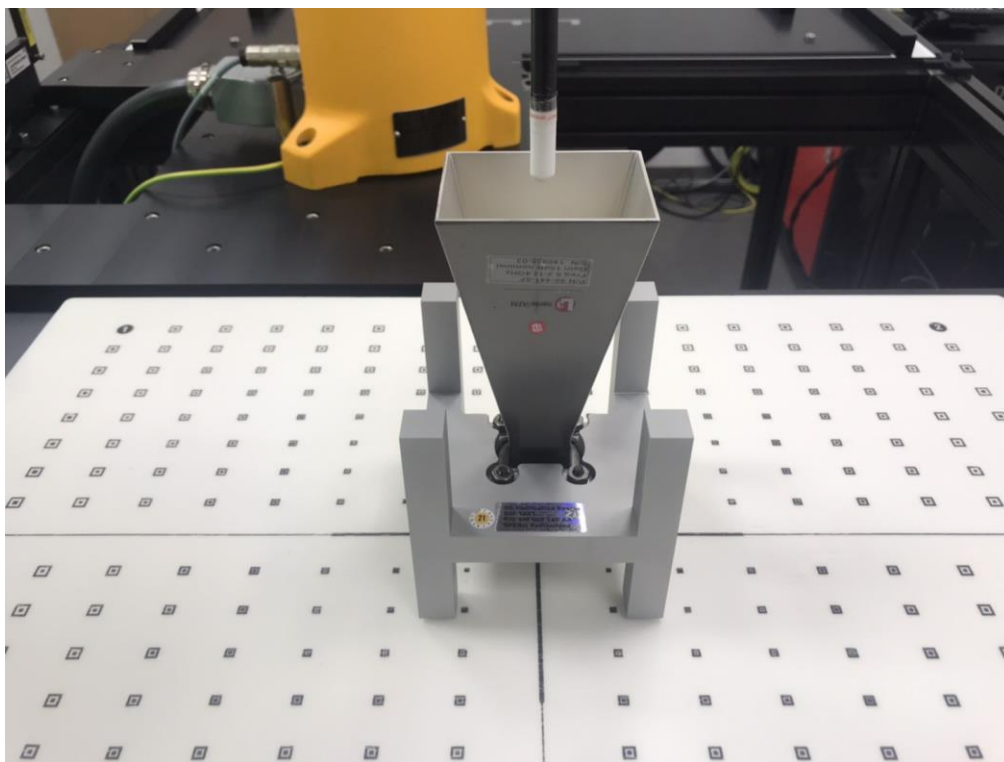
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5 PD SYSTEM VERIFICATION

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	9635	1719	10	93.3	50.6	56.2	-0.46	Nov.02,2025

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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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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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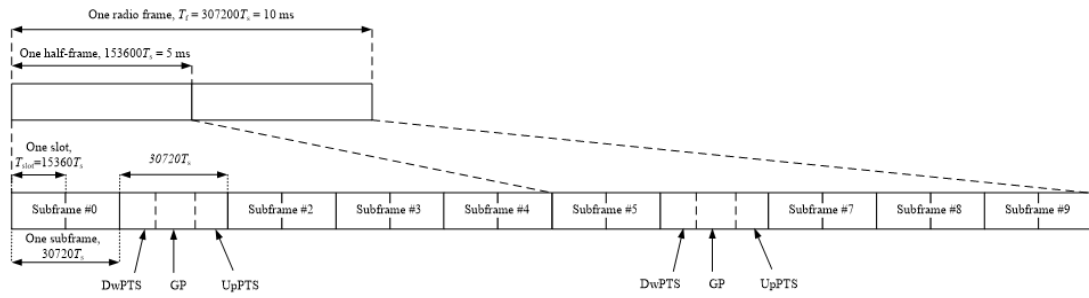


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

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.

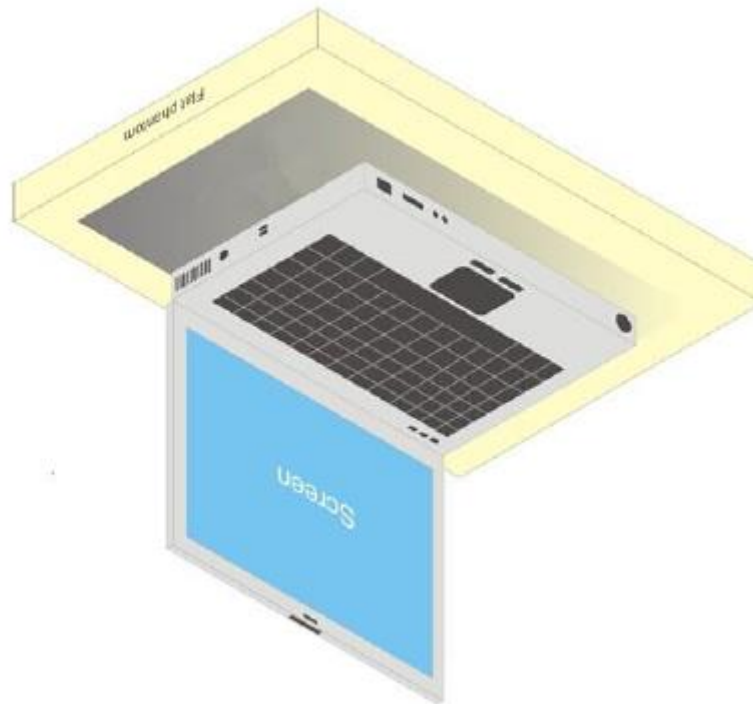


Illustration for Laptop Setup

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6.4 Proximity sensor operation description

The P-sensor being used to reduce output power is capacitive in which when the object such as human body, metal or plastic is being approached, the sensing capacitance would be increased with the antenna pad. Once the capacitance is accumulated, and reached over the threshold as set in MCU of the microchip, the interruption signal is pulled low (High state without trigger) and further inform modem module of the transmitter to make power reduction.

4.5.1 Proximity sensor measurement procedure

1. The proximity sensor is collocated with WWAN antenna.
2. Output power is measured, and monitored by using the base station simulator and power sensor/power meter. A RF cables with sufficient length was being attached from the antenna port of the module, and used for the measurement. The appropriate loss attenuated from cable is compensated in the test setup.



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4.5.2 Trigger distances for bottom

Test procedure:

1. The entire back surface or edge of the tablet is positioned below a flat phantom filled with the required tissue equivalent medium and positioned at least 20 mm further than the distance that triggers power reduction.
2. The back surface or edge is moved toward the phantom in 3 mm steps until the sensor triggers.
3. The back surface or edge is again moved toward the phantom, but in 1 mm steps, until it is at least 5 mm past the triggering point or touching the phantom
4. If the tablet is not touching the phantom, it is moved in 3 mm steps until it touches the phantom to confirm that the sensor remains triggered and the maximum power stays reduced.
5. The back surface or edge is then moved back (further away) from the phantom until maximum output power is returned to the normal maximum level.
6. The process is then reversed by moving the tablet away from the phantom to determine triggering release, until it is at least 10 mm beyond the point that triggers the return of normal maximum power.
7. The measured output power within ± 5 mm of the triggering points, or until the tablet is touching the phantom, for movements to and from the phantom should be tabulated.

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8. To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for movements to and from the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.
9. For bottom, the trigger distance of proximity sensor is 20mm.

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4.5.3 Tilt angle testing

Test procedure:

1. The influence of table tilt angles to proximity sensor triggering is determined by positioning each tablet edge that contains a transmitting antenna, perpendicular to the flat phantom, at the smallest sensor triggering test distance determined in sections 1.6.2 by rotating the tablet around the edge next to the phantom in ≤ 10 deg increments until the tablet is ± 45 deg or more from the vertical position at 0 deg.
2. If sensor triggering is released and normal maximum output power is restored within the ± 45 deg range, the procedures in step 1) should be repeated by reducing the tablet to phantom separation distance by 1 mm until the proximity sensor no longer releases triggering, and maximum output power remains in the reduced mode.
3. The smallest separation distance determined in steps 1) and 2), minus 1 mm, is the sensor triggering distance for tablet tilt coverage. The smallest separation distance determined in sections 1.6.2, 1.6.3 minus 1 mm should be used in the SAR measurements.
4. The influence of tablet tilt angles to proximity sensor triggering is determined by positioning top and right sides, please refer to table 1.6.5 and 1.6.6.
5. After the tilt angle testing for top edge, the sensor is not released during ± 45 deg, so trigger distance - 1mm should be used in the SAR measurements.

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4.5.4 Proximity sensor coverage

The following procedures do not apply and are not required when the antenna and sensor are collocated and the peak SAR location is overlapping with the sensor.

Test procedure:

1. The back surface or edges of the tablet is positioned at a test separation distance less than or equal to the distance required for back surface or edge triggering, with both the antenna and sensor pad located at least 20 mm laterally outside the edge (boundary) of the phantom, along the direction of maximum antenna and sensor offset.
2. The similar sequence of steps applied to determine sensor triggering distance in section 1.6.2 are used to verify back surface and edge sensor coverage by moving the tablet (sensor and antenna) horizontally toward the phantom while maintaining the same vertical separation between the back surface or edge and the phantom.
3. After the exact location where triggering of power reduction is determined, with respect to the sensor and antenna, the tablet movement should be continued, in 3 mm increments, until both the sensor and antenna(s) are fully under the phantom and at least 20 mm inside the phantom edge.
4. The process is then repeated from the other direction, at the opposite end of maximum antenna and sensor offset, by rotating the tablet 180 degrees.

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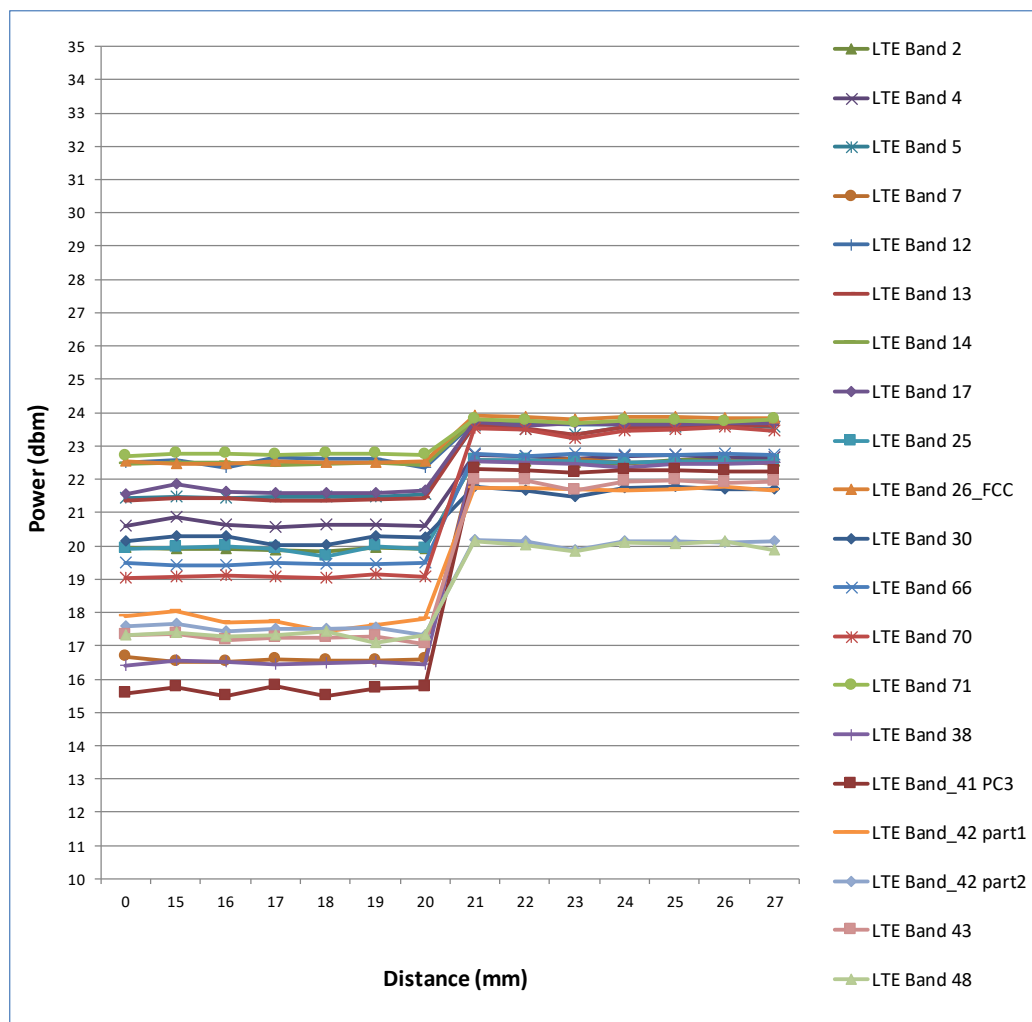
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4.5.5 Results

The measured output power within ± 5 mm of the triggering points, or until the tablet is touching the phantom, for movements to and from the phantom is tabulated in the following.

Bottom Surface

Moving device toward the phantom (LTE)

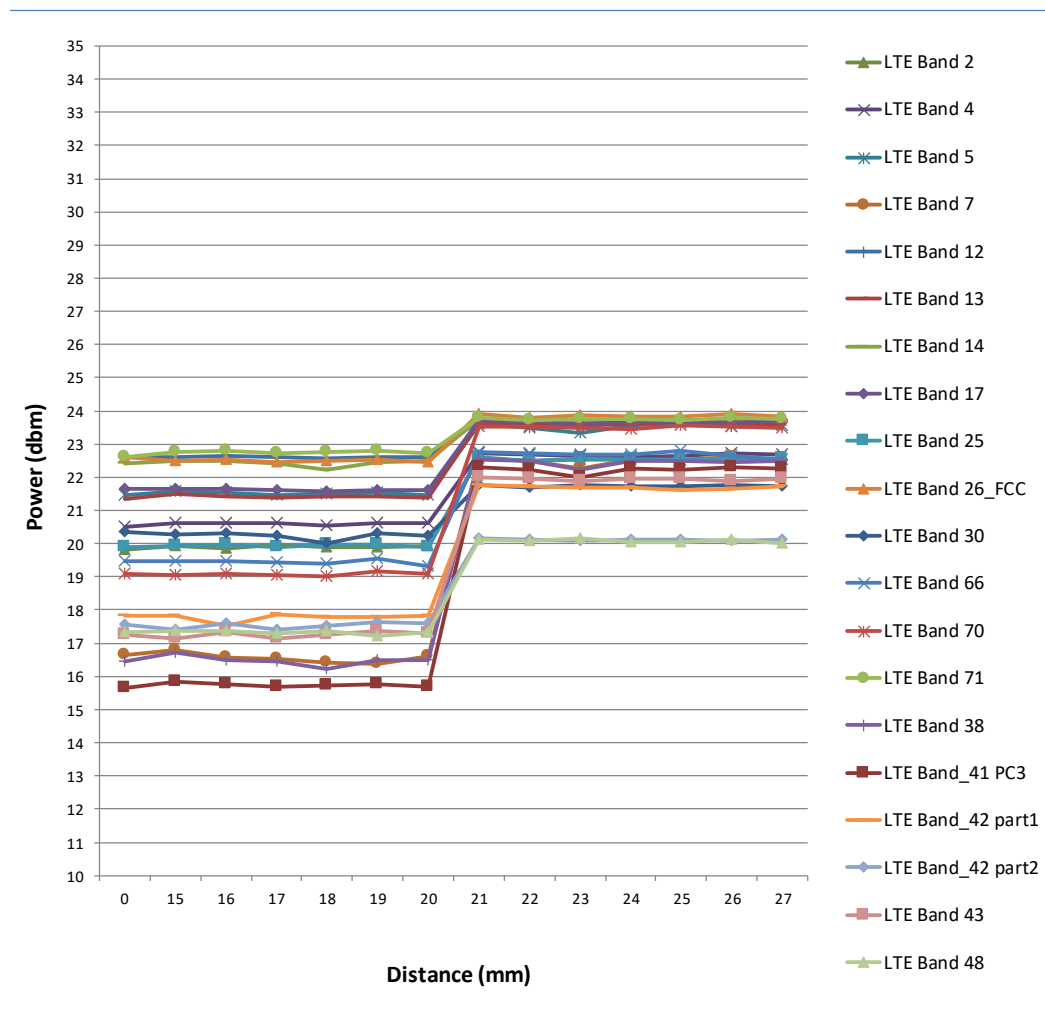


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Moving device away from the phantom (LTE)

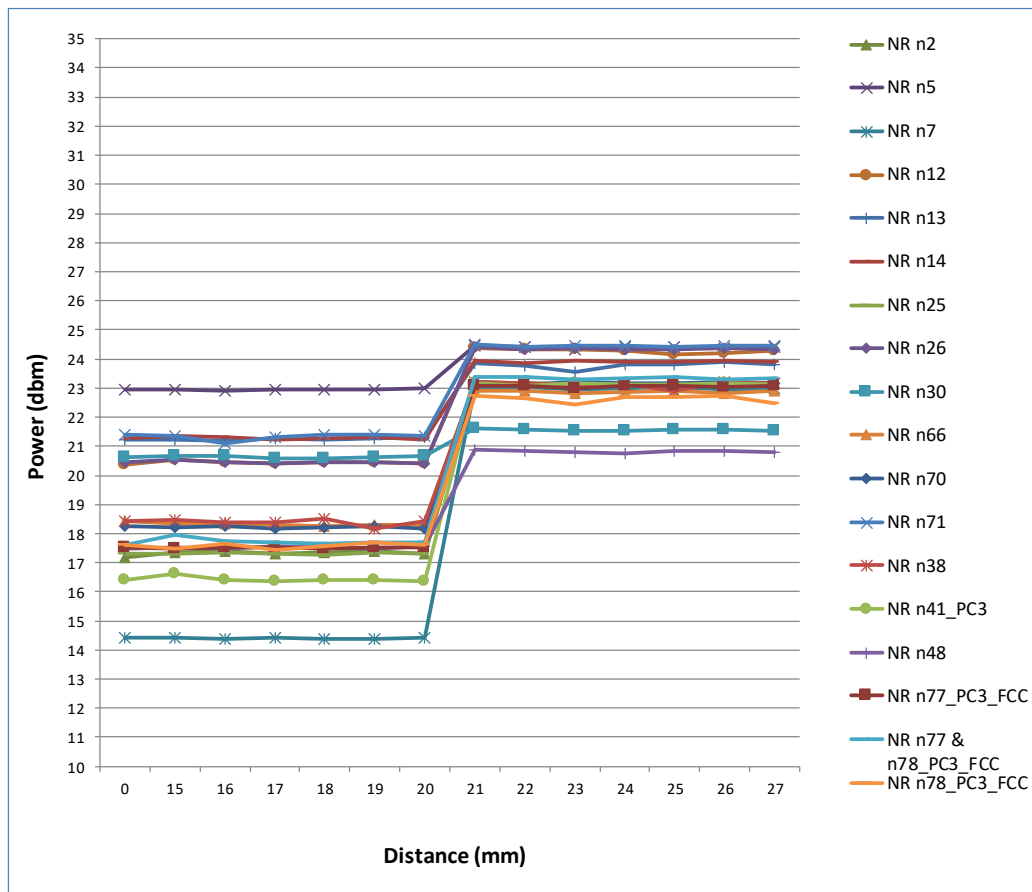


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Moving device toward the phantom (NR)

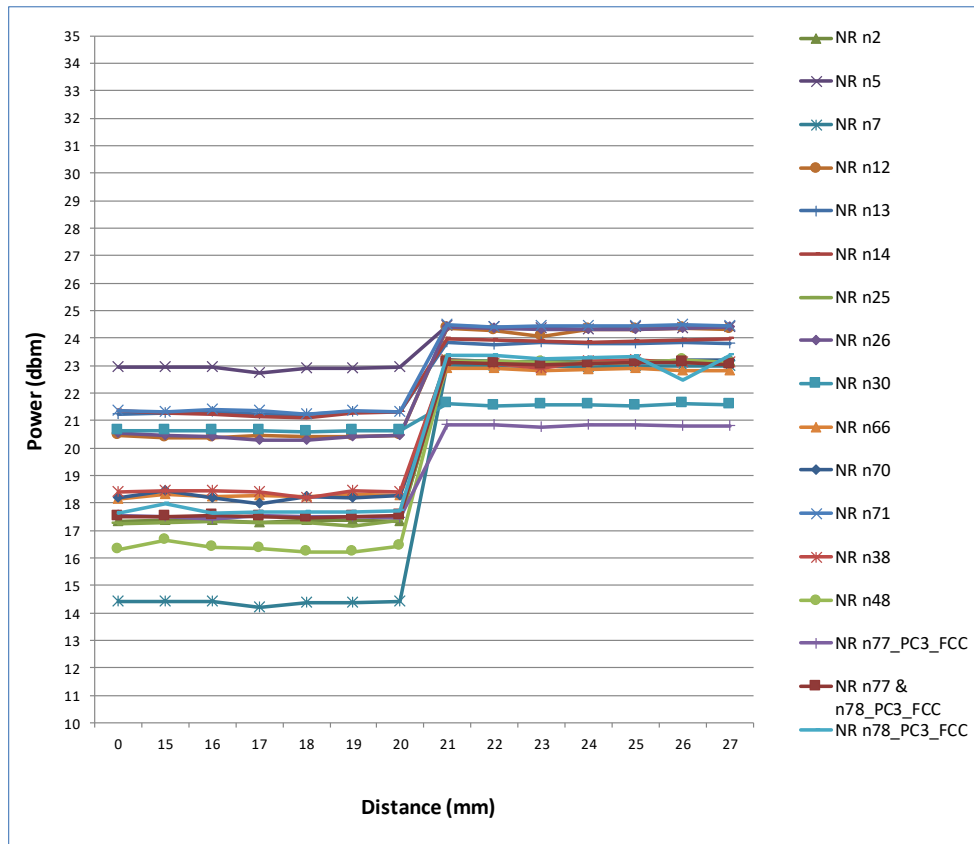


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Moving device away from the phantom (NR)



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6.5 Test limit

§ 2.1093(d)(1)

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

Radiofrequency radiation exposure limits.

§ 1.1310(a)

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

§ 1.1310(b)

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

§ 1.1310(c)

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

Note to paragraphs (a) through (c):

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

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

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

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

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

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Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

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7 MAXIMUM OUTPUT POWER

7.1 FDD LTE

Full power

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	22.54	22.51	22.57	24.00	0
		1	50	22.32	22.48	22.49	24.00	0
		1	99	22.31	22.41	22.42	24.00	0
		50	0	21.30	21.37	21.44	23.00	1
		50	25	21.37	21.48	21.37	23.00	1
		50	50	21.37	21.44	21.43	23.00	1
		100	0	21.41	21.46	21.38	23.00	1
20	16-QAM	1	0	21.48	21.31	21.33	23.00	1
		1	50	21.50	21.42	21.39	23.00	1
		1	99	21.31	21.48	21.42	23.00	1
		50	0	21.40	21.47	21.47	22.00	2
		50	25	21.45	21.31	21.37	22.00	2
		50	50	21.46	21.47	21.42	22.00	2
		100	0	21.45	21.41	21.36	22.00	2
20	64-QAM	1	0	21.40	21.37	21.32	22.00	2
		1	50	21.41	21.41	21.36	22.00	2
		1	99	21.44	21.40	21.32	22.00	2
		50	0	20.49	20.48	20.30	21.00	3
		50	25	20.36	20.38	20.30	21.00	3
		50	50	20.47	20.35	20.34	21.00	3
		100	0	20.30	20.43	20.30	21.00	3
20	256-QAM	1	0	20.35	20.46	20.35	21.00	3
		1	50	20.42	20.32	20.34	21.00	3
		1	99	20.36	20.34	20.46	21.00	3
		50	0	19.41	19.32	19.43	20.00	4
		50	25	19.35	19.30	19.36	20.00	4
		50	50	19.37	19.37	19.38	20.00	4
		100	0	19.42	19.36	19.44	20.00	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)				1857.5	1880	1902.5		
Channel				18675	18900	19125		
15	QPSK	1	0	22.32	22.47	22.34	24.00	0
		1	36	22.38	22.43	22.49	24.00	0
		1	74	22.40	22.39	22.50	24.00	0
		36	0	21.45	21.43	21.31	23.00	1
		36	18	21.49	21.45	21.38	23.00	1
		36	37	21.35	21.48	21.31	23.00	1
		75	0	21.46	21.49	21.43	23.00	1
15	16-QAM	1	0	21.41	21.42	21.34	23.00	1
		1	36	21.39	21.41	21.43	23.00	1
		1	74	21.41	21.35	21.49	23.00	1
		36	0	21.46	21.45	21.31	22.00	2
		36	18	21.32	21.34	21.39	22.00	2
		36	37	21.49	21.49	21.34	22.00	2
		75	0	21.45	21.42	21.39	22.00	2
15	64-QAM	1	0	21.46	21.45	21.38	22.00	2
		1	36	21.34	21.40	21.47	22.00	2
		1	74	21.31	21.44	21.48	22.00	2
		36	0	20.48	20.38	20.32	21.00	3
		36	18	20.31	20.30	20.36	21.00	3
		36	37	20.31	20.43	20.31	21.00	3
		75	0	20.44	20.39	20.31	21.00	3
15	256-QAM	1	0	20.44	20.49	20.41	21.00	3
		1	36	20.33	20.36	20.39	21.00	3
		1	74	20.31	20.45	20.43	21.00	3
		36	0	19.30	19.48	19.38	20.00	4
		36	18	19.39	19.45	19.40	20.00	4
		36	37	19.39	19.43	19.42	20.00	4
		75	0	19.41	19.32	19.34	20.00	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)				1855	1880	1905		
Channel				18650	18900	19150		
10	QPSK	1	0	22.45	22.42	22.45	24.00	0
		1	25	22.39	22.48	22.35	24.00	0
		1	49	22.41	22.38	22.39	24.00	0
		25	0	21.31	21.43	21.48	23.00	1
		25	12	21.43	21.37	21.31	23.00	1
		25	25	21.49	21.36	21.33	23.00	1
		50	0	21.44	21.32	21.35	23.00	1
10	16-QAM	1	0	21.33	21.48	21.33	23.00	1
		1	25	21.42	21.36	21.32	23.00	1
		1	49	21.34	21.47	21.48	23.00	1
		25	0	21.47	21.36	21.32	22.00	2
		25	12	21.40	21.38	21.35	22.00	2
		25	25	21.50	21.46	21.30	22.00	2
		50	0	21.30	21.49	21.48	22.00	2
10	64-QAM	1	0	21.38	21.47	21.37	22.00	2
		1	25	21.39	21.45	21.46	22.00	2
		1	49	21.36	21.40	21.40	22.00	2
		25	0	20.48	20.41	20.44	21.00	3
		25	12	20.48	20.43	20.47	21.00	3
		25	25	20.44	20.41	20.46	21.00	3
		50	0	20.50	20.41	20.46	21.00	3
10	256-QAM	1	0	20.42	20.49	20.50	21.00	3
		1	25	20.38	20.31	20.44	21.00	3
		1	49	20.41	20.41	20.50	21.00	3
		25	0	19.39	19.43	19.31	20.00	4
		25	12	19.40	19.37	19.33	20.00	4
		25	25	19.38	19.44	19.49	20.00	4
		50	0	19.33	19.36	19.45	20.00	4

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t (886-2) 2299-3279

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	22.44	22.43	22.34	24.00	0
		1	12	22.48	22.44	22.31	24.00	0
		1	24	22.33	22.32	22.44	24.00	0
		12	0	21.39	21.49	21.33	23.00	1
		12	6	21.46	21.43	21.41	23.00	1
		12	13	21.48	21.41	21.47	23.00	1
		25	0	21.43	21.36	21.37	23.00	1
5	16-QAM	1	0	21.49	21.39	21.49	23.00	1
		1	12	21.44	21.34	21.30	23.00	1
		1	24	21.50	21.47	21.38	23.00	1
		12	0	21.40	21.34	21.33	22.00	2
		12	6	21.38	21.49	21.49	22.00	2
		12	13	21.33	21.47	21.49	22.00	2
		25	0	21.33	21.40	21.31	22.00	2
5	64-QAM	1	0	21.38	21.48	21.37	22.00	2
		1	12	21.36	21.48	21.40	22.00	2
		1	24	21.50	21.35	21.41	22.00	2
		12	0	20.30	20.46	20.44	21.00	3
		12	6	20.48	20.31	20.37	21.00	3
		12	13	20.40	20.44	20.42	21.00	3
		25	0	20.34	20.34	20.39	21.00	3
5	256-QAM	1	0	20.32	20.36	20.40	21.00	3
		1	12	20.30	20.45	20.45	21.00	3
		1	24	20.50	20.34	20.39	21.00	3
		12	0	19.43	19.43	19.43	20.00	4
		12	6	19.33	19.38	19.50	20.00	4
		12	13	19.38	19.49	19.39	20.00	4
		25	0	19.44	19.42	19.39	20.00	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 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	22.31	22.32	22.45	24.00	0
		1	7	22.45	22.36	22.32	24.00	0
		1	14	22.37	22.34	22.38	24.00	0
		8	0	21.33	21.42	21.42	23.00	1
		8	4	21.43	21.41	21.37	23.00	1
		8	7	21.32	21.31	21.35	23.00	1
		15	0	21.44	21.35	21.31	23.00	1
3	16-QAM	1	0	21.36	21.41	21.46	23.00	1
		1	7	21.46	21.31	21.47	23.00	1
		1	14	21.31	21.32	21.44	23.00	1
		8	0	21.48	21.32	21.44	22.00	2
		8	4	21.43	21.41	21.45	22.00	2
		8	7	21.33	21.34	21.35	22.00	2
		15	0	21.43	21.41	21.41	22.00	2
3	64-QAM	1	0	21.50	21.46	21.45	22.00	2
		1	7	21.45	21.31	21.46	22.00	2
		1	14	21.46	21.40	21.46	22.00	2
		8	0	20.39	20.43	20.37	21.00	3
		8	4	20.49	20.48	20.48	21.00	3
		8	7	20.44	20.35	20.41	21.00	3
		15	0	20.39	20.41	20.36	21.00	3
3	256-QAM	1	0	20.39	20.40	20.42	21.00	3
		1	7	20.39	20.48	20.46	21.00	3
		1	14	20.45	20.49	20.47	21.00	3
		8	0	19.34	19.31	19.36	20.00	4
		8	4	19.38	19.36	19.35	20.00	4
		8	7	19.45	19.49	19.30	20.00	4
		15	0	19.42	19.32	19.31	20.00	4

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t (886-2) 2299-3279

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)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	22.41	22.35	22.47	24.00	0
		1	2	22.37	22.42	22.35	24.00	0
		1	5	22.48	22.37	22.41	24.00	0
		3	0	22.42	22.44	22.38	24.00	0
		3	2	22.41	22.31	22.37	24.00	0
		3	3	22.44	22.32	22.36	24.00	0
		6	0	21.38	21.43	21.36	23.00	1
1.4	16-QAM	1	0	21.44	21.42	21.32	23.00	1
		1	2	21.43	21.36	21.38	23.00	1
		1	5	21.39	21.35	21.41	23.00	1
		3	0	21.33	21.40	21.45	23.00	1
		3	2	21.48	21.48	21.30	23.00	1
		3	3	21.47	21.35	21.47	23.00	1
		6	0	21.45	21.49	21.31	22.00	2
1.4	64-QAM	1	0	21.47	21.50	21.35	22.00	2
		1	2	21.44	21.48	21.43	22.00	2
		1	5	21.42	21.42	21.46	22.00	2
		3	0	20.42	20.37	20.31	22.00	2
		3	2	20.39	20.40	20.33	22.00	2
		3	3	20.47	20.50	20.45	22.00	2
		6	0	20.35	20.39	20.35	21.00	3
1.4	256-QAM	1	0	20.32	20.32	20.48	21.00	3
		1	2	20.42	20.36	20.39	21.00	3
		1	5	20.33	20.39	20.37	21.00	3
		3	0	19.41	19.34	19.33	21.00	3
		3	2	19.48	19.32	19.34	21.00	3
		3	3	19.33	19.47	19.37	21.00	3
		6	0	19.48	19.45	19.49	20.00	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	22.68	22.72	22.61	24.00	0
		1	50	22.53	22.61	22.52	24.00	0
		1	99	22.66	22.56	22.53	24.00	0
		50	0	21.57	21.61	21.65	23.00	1
		50	25	21.61	21.60	21.65	23.00	1
		50	50	21.53	21.70	21.51	23.00	1
		100	0	21.60	21.59	21.56	23.00	1
20	16-QAM	1	0	21.66	21.62	21.52	23.00	1
		1	50	21.56	21.63	21.68	23.00	1
		1	99	21.51	21.64	21.60	23.00	1
		50	0	21.58	21.60	21.65	22.00	2
		50	25	21.52	21.69	21.53	22.00	2
		50	50	21.69	21.57	21.67	22.00	2
		100	0	21.63	21.65	21.55	22.00	2
20	64-QAM	1	0	21.60	21.66	21.69	22.00	2
		1	50	21.69	21.66	21.60	22.00	2
		1	99	21.64	21.55	21.67	22.00	2
		50	0	20.65	20.64	20.51	21.00	3
		50	25	20.66	20.67	20.69	21.00	3
		50	50	20.57	20.60	20.61	21.00	3
		100	0	20.66	20.70	20.50	21.00	3
20	256-QAM	1	0	20.56	20.59	20.56	21.00	3
		1	50	20.66	20.53	20.59	21.00	3
		1	99	20.66	20.59	20.66	21.00	3
		50	0	19.60	19.68	19.67	20.00	4
		50	25	19.66	19.61	19.60	20.00	4
		50	50	19.68	19.55	19.62	20.00	4
		100	0	19.60	19.69	19.57	20.00	4

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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)				1717.5	1732.5	1747.5		
Channel				20025	20175	20325		
15	QPSK	1	0	22.53	22.56	22.62	24.00	0
		1	36	22.53	22.56	22.64	24.00	0
		1	74	22.65	22.61	22.51	24.00	0
		36	0	21.62	21.62	21.62	23.00	1
		36	18	21.60	21.68	21.55	23.00	1
		36	37	21.51	21.54	21.62	23.00	1
		75	0	21.57	21.62	21.64	23.00	1
15	16-QAM	1	0	21.59	21.65	21.63	23.00	1
		1	36	21.65	21.65	21.53	23.00	1
		1	74	21.63	21.61	21.70	23.00	1
		36	0	21.69	21.67	21.53	22.00	2
		36	18	21.67	21.53	21.61	22.00	2
		36	37	21.64	21.52	21.51	22.00	2
		75	0	21.65	21.53	21.63	22.00	2
15	64-QAM	1	0	21.62	21.67	21.53	22.00	2
		1	36	21.53	21.58	21.62	22.00	2
		1	74	21.59	21.64	21.64	22.00	2
		36	0	20.64	20.63	20.63	21.00	3
		36	18	20.68	20.65	20.55	21.00	3
		36	37	20.58	20.63	20.68	21.00	3
		75	0	20.69	20.70	20.52	21.00	3
15	256-QAM	1	0	20.57	20.59	20.61	21.00	3
		1	36	20.53	20.60	20.69	21.00	3
		1	74	20.66	20.63	20.55	21.00	3
		36	0	19.60	19.65	19.62	20.00	4
		36	18	19.58	19.59	19.51	20.00	4
		36	37	19.58	19.60	19.54	20.00	4
		75	0	19.53	19.65	19.61	20.00	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)				1715	1732.5	1750	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				20000	20175	20350		
10	QPSK	1	0	22.57	22.68	22.58	24.00	0
		1	25	22.67	22.65	22.64	24.00	0
		1	49	22.63	22.61	22.50	24.00	0
		25	0	21.53	21.54	21.57	23.00	1
		25	12	21.52	21.53	21.55	23.00	1
		25	25	21.50	21.65	21.54	23.00	1
		50	0	21.59	21.66	21.56	23.00	1
10	16-QAM	1	0	21.70	21.63	21.57	23.00	1
		1	25	21.64	21.58	21.67	23.00	1
		1	49	21.61	21.62	21.52	23.00	1
		25	0	21.66	21.66	21.60	22.00	2
		25	12	21.56	21.59	21.66	22.00	2
		25	25	21.59	21.55	21.56	22.00	2
		50	0	21.64	21.60	21.65	22.00	2
10	64-QAM	1	0	21.55	21.62	21.56	22.00	2
		1	25	21.62	21.61	21.63	22.00	2
		1	49	21.69	21.55	21.63	22.00	2
		25	0	20.59	20.56	20.54	21.00	3
		25	12	20.69	20.55	20.57	21.00	3
		25	25	20.51	20.59	20.65	21.00	3
		50	0	20.55	20.65	20.64	21.00	3
10	256-QAM	1	0	20.64	20.63	20.69	21.00	3
		1	25	20.51	20.63	20.67	21.00	3
		1	49	20.66	20.59	20.66	21.00	3
		25	0	19.63	19.51	19.68	20.00	4
		25	12	19.60	19.62	19.65	20.00	4
		25	25	19.67	19.67	19.57	20.00	4
		50	0	19.56	19.51	19.68	20.00	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

www.sgs.com.tw

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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	22.52	22.55	22.50	24.00	0
		1	12	22.62	22.56	22.57	24.00	0
		1	24	22.61	22.53	22.70	24.00	0
		12	0	21.57	21.53	21.68	23.00	1
		12	6	21.70	21.70	21.63	23.00	1
		12	13	21.59	21.62	21.50	23.00	1
		25	0	21.52	21.67	21.55	23.00	1
5	16-QAM	1	0	21.54	21.68	21.52	23.00	1
		1	12	21.67	21.61	21.50	23.00	1
		1	24	21.58	21.50	21.57	23.00	1
		12	0	21.55	21.57	21.55	22.00	2
		12	6	21.63	21.60	21.66	22.00	2
		12	13	21.53	21.58	21.63	22.00	2
		25	0	21.52	21.60	21.60	22.00	2
5	64-QAM	1	0	21.61	21.61	21.54	22.00	2
		1	12	21.68	21.56	21.53	22.00	2
		1	24	21.56	21.68	21.70	22.00	2
		12	0	20.60	20.69	20.61	21.00	3
		12	6	20.59	20.55	20.57	21.00	3
		12	13	20.66	20.67	20.67	21.00	3
		25	0	20.69	20.55	20.54	21.00	3
5	256-QAM	1	0	20.63	20.69	20.61	21.00	3
		1	12	20.62	20.56	20.56	21.00	3
		1	24	20.62	20.62	20.60	21.00	3
		12	0	19.58	19.59	19.51	20.00	4
		12	6	19.66	19.59	19.64	20.00	4
		12	13	19.65	19.65	19.61	20.00	4
		25	0	19.59	19.67	19.54	20.00	4

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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)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	22.58	22.65	22.63	24.00	0
		1	7	22.55	22.57	22.53	24.00	0
		1	14	22.64	22.65	22.51	24.00	0
		8	0	21.56	21.57	21.66	23.00	1
		8	4	21.54	21.69	21.53	23.00	1
		8	7	21.59	21.54	21.58	23.00	1
		15	0	21.62	21.53	21.52	23.00	1
3	16-QAM	1	0	21.67	21.65	21.69	23.00	1
		1	7	21.61	21.63	21.69	23.00	1
		1	14	21.50	21.53	21.63	23.00	1
		8	0	21.60	21.53	21.51	22.00	2
		8	4	21.69	21.53	21.50	22.00	2
		8	7	21.62	21.58	21.52	22.00	2
		15	0	21.55	21.51	21.53	22.00	2
3	64-QAM	1	0	21.68	21.62	21.52	22.00	2
		1	7	21.69	21.59	21.60	22.00	2
		1	14	21.52	21.58	21.56	22.00	2
		8	0	20.53	20.67	20.61	21.00	3
		8	4	20.51	20.70	20.56	21.00	3
		8	7	20.65	20.65	20.68	21.00	3
		15	0	20.67	20.55	20.63	21.00	3
3	256-QAM	1	0	20.51	20.60	20.60	21.00	3
		1	7	20.50	20.63	20.62	21.00	3
		1	14	20.60	20.63	20.65	21.00	3
		8	0	19.61	19.63	19.51	20.00	4
		8	4	19.66	19.55	19.69	20.00	4
		8	7	19.62	19.50	19.55	20.00	4
		15	0	19.67	19.69	19.57	20.00	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	22.51	22.50	22.61	24.00	0
		1	2	22.53	22.53	22.59	24.00	0
		1	5	22.65	22.55	22.68	24.00	0
		3	0	22.70	22.54	22.67	24.00	0
		3	2	22.52	22.61	22.57	24.00	0
		3	3	22.59	22.67	22.63	24.00	0
		6	0	21.64	21.55	21.66	23.00	1
1.4	16-QAM	1	0	21.62	21.54	21.63	23.00	1
		1	2	21.54	21.54	21.62	23.00	1
		1	5	21.53	21.68	21.62	23.00	1
		3	0	21.69	21.55	21.54	23.00	1
		3	2	21.64	21.62	21.68	23.00	1
		3	3	21.60	21.68	21.60	23.00	1
		6	0	21.65	21.65	21.68	22.00	2
1.4	64-QAM	1	0	21.50	21.53	21.68	22.00	2
		1	2	21.60	21.50	21.69	22.00	2
		1	5	21.54	21.50	21.51	22.00	2
		3	0	20.50	20.66	20.60	22.00	2
		3	2	20.51	20.62	20.57	22.00	2
		3	3	20.67	20.57	20.61	22.00	2
		6	0	20.52	20.51	20.52	21.00	3
1.4	256-QAM	1	0	20.63	20.51	20.66	21.00	3
		1	2	20.56	20.64	20.64	21.00	3
		1	5	20.56	20.65	20.54	21.00	3
		3	0	19.63	19.64	19.56	21.00	3
		3	2	19.66	19.68	19.68	21.00	3
		3	3	19.55	19.66	19.65	21.00	3
		6	0	19.62	19.54	19.62	20.00	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	23.56	23.59	23.62	25.00	0
		1	25	23.44	23.46	23.51	25.00	0
		1	49	23.41	23.52	23.44	25.00	0
		25	0	22.42	22.42	22.44	24.00	1
		25	12	22.55	22.56	22.48	24.00	1
		25	25	22.55	22.50	22.56	24.00	1
		50	0	22.51	22.44	22.53	24.00	1
10	16-QAM	1	0	22.43	22.59	22.42	24.00	1
		1	25	22.46	22.44	22.48	24.00	1
		1	49	22.53	22.54	22.45	24.00	1
		25	0	22.53	22.45	22.45	23.00	2
		25	12	22.58	22.51	22.56	23.00	2
		25	25	22.45	22.46	22.60	23.00	2
		50	0	22.54	22.55	22.49	23.00	2
10	64-QAM	1	0	22.57	22.58	22.43	23.00	2
		1	25	22.41	22.51	22.51	23.00	2
		1	49	22.42	22.41	22.44	23.00	2
		25	0	21.60	21.43	21.49	22.00	3
		25	12	21.55	21.55	21.48	22.00	3
		25	25	21.53	21.59	21.54	22.00	3
		50	0	21.43	21.54	21.44	22.00	3
10	256-QAM	1	0	21.43	21.59	21.48	22.00	3
		1	25	21.59	21.46	21.57	22.00	3
		1	49	21.53	21.41	21.50	22.00	3
		25	0	20.54	20.49	20.51	21.00	4
		25	12	20.49	20.58	20.58	21.00	4
		25	25	20.42	20.59	20.50	21.00	4
		50	0	20.60	20.58	20.41	21.00	4

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f (886-2) 2298-0488

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LTE Band 5								
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Frequency (MHz)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	23.51	23.52	23.53	25.00	0
		1	12	23.52	23.58	23.45	25.00	0
		1	24	23.59	23.56	23.49	25.00	0
		12	0	22.57	22.49	22.59	24.00	1
		12	6	22.51	22.48	22.49	24.00	1
		12	13	22.52	22.44	22.56	24.00	1
		25	0	22.52	22.48	22.51	24.00	1
5	16-QAM	1	0	22.59	22.50	22.56	24.00	1
		1	12	22.51	22.47	22.47	24.00	1
		1	24	22.58	22.43	22.59	24.00	1
		12	0	22.54	22.51	22.42	23.00	2
		12	6	22.45	22.45	22.56	23.00	2
		12	13	22.46	22.55	22.41	23.00	2
		25	0	22.52	22.46	22.52	23.00	2
5	64-QAM	1	0	22.58	22.48	22.47	23.00	2
		1	12	22.59	22.45	22.51	23.00	2
		1	24	22.57	22.52	22.44	23.00	2
		12	0	21.49	21.58	21.59	22.00	3
		12	6	21.41	21.55	21.50	22.00	3
		12	13	21.41	21.43	21.54	22.00	3
		25	0	21.48	21.48	21.41	22.00	3
5	256-QAM	1	0	21.45	21.57	21.42	22.00	3
		1	12	21.53	21.59	21.55	22.00	3
		1	24	21.40	21.44	21.50	22.00	3
		12	0	20.52	20.52	20.41	21.00	4
		12	6	20.46	20.54	20.58	21.00	4
		12	13	20.57	20.45	20.49	21.00	4
		25	0	20.55	20.44	20.50	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	23.60	23.41	23.57	25.00	0
		1	7	23.42	23.42	23.45	25.00	0
		1	14	23.47	23.52	23.46	25.00	0
		8	0	22.60	22.59	22.46	24.00	1
		8	4	22.45	22.46	22.45	24.00	1
		8	7	22.58	22.53	22.55	24.00	1
		15	0	22.58	22.60	22.44	24.00	1
3	16-QAM	1	0	22.46	22.41	22.50	24.00	1
		1	7	22.47	22.42	22.44	24.00	1
		1	14	22.59	22.44	22.41	24.00	1
		8	0	22.41	22.59	22.47	23.00	2
		8	4	22.56	22.59	22.53	23.00	2
		8	7	22.47	22.45	22.47	23.00	2
		15	0	22.47	22.46	22.59	23.00	2
3	64-QAM	1	0	22.53	22.49	22.60	23.00	2
		1	7	22.57	22.46	22.42	23.00	2
		1	14	22.47	22.44	22.56	23.00	2
		8	0	21.48	21.42	21.57	22.00	3
		8	4	21.56	21.50	21.47	22.00	3
		8	7	21.48	21.55	21.47	22.00	3
		15	0	21.59	21.50	21.54	22.00	3
3	256-QAM	1	0	21.53	21.43	21.45	22.00	3
		1	7	21.53	21.47	21.47	22.00	3
		1	14	21.44	21.42	21.40	22.00	3
		8	0	20.59	20.58	20.42	21.00	4
		8	4	20.48	20.44	20.41	21.00	4
		8	7	20.42	20.50	20.46	21.00	4
		15	0	20.57	20.46	20.51	21.00	4

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LTE Band 5								
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Frequency (MHz)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	23.59	23.50	23.56	25.00	0
		1	2	23.56	23.44	23.51	25.00	0
		1	5	23.57	23.59	23.57	25.00	0
		3	0	23.58	23.48	23.42	25.00	0
		3	2	23.53	23.59	23.47	25.00	0
		3	3	23.43	23.43	23.58	25.00	0
		6	0	22.47	22.58	22.47	24.00	1
1.4	16-QAM	1	0	22.51	22.60	22.47	24.00	1
		1	2	22.46	22.48	22.40	24.00	1
		1	5	22.45	22.54	22.54	24.00	1
		3	0	22.58	22.51	22.57	24.00	1
		3	2	22.42	22.43	22.51	24.00	1
		3	3	22.43	22.55	22.41	24.00	1
		6	0	22.47	22.44	22.40	23.00	2
1.4	64-QAM	1	0	22.52	22.56	22.52	23.00	2
		1	2	22.49	22.40	22.50	23.00	2
		1	5	22.47	22.41	22.59	23.00	2
		3	0	21.55	21.44	21.50	23.00	2
		3	2	21.48	21.42	21.46	23.00	2
		3	3	21.46	21.60	21.55	23.00	2
		6	0	21.43	21.57	21.53	22.00	3
1.4	256-QAM	1	0	21.59	21.46	21.42	22.00	3
		1	2	21.56	21.58	21.57	22.00	3
		1	5	21.57	21.57	21.42	22.00	3
		3	0	20.52	20.60	20.42	22.00	3
		3	2	20.56	20.55	20.50	22.00	3
		3	3	20.48	20.46	20.42	22.00	3
		6	0	20.48	20.58	20.49	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	22.58	22.43	22.45	24.00	0
		1	50	22.45	22.56	22.56	24.00	0
		1	99	22.43	22.43	22.57	24.00	0
		50	0	22.49	22.55	22.43	23.00	1
		50	25	22.47	22.51	22.53	23.00	1
		50	50	22.53	22.53	22.56	23.00	1
		100	0	22.53	22.56	22.45	23.00	1
20	16-QAM	1	0	22.45	22.54	22.46	23.00	1
		1	50	22.44	22.51	22.55	23.00	1
		1	99	22.44	22.50	22.42	23.00	1
		50	0	21.57	21.54	21.40	22.00	2
		50	25	21.57	21.45	21.45	22.00	2
		50	50	21.54	21.52	21.59	22.00	2
		100	0	21.46	21.41	21.58	22.00	2
20	64-QAM	1	0	21.59	21.45	21.55	22.00	2
		1	50	21.46	21.41	21.45	22.00	2
		1	99	21.59	21.49	21.49	22.00	2
		50	0	20.47	20.52	20.59	21.00	3
		50	25	20.43	20.49	20.43	21.00	3
		50	50	20.59	20.53	20.59	21.00	3
		100	0	20.48	20.52	20.60	21.00	3
20	256-QAM	1	0	20.51	20.51	20.51	21.00	3
		1	50	20.58	20.49	20.54	21.00	3
		1	99	20.55	20.55	20.55	21.00	3
		50	0	19.57	19.40	19.54	20.00	4
		50	25	19.45	19.50	19.44	20.00	4
		50	50	19.45	19.42	19.54	20.00	4
		100	0	19.49	19.53	19.50	20.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

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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)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	22.54	22.51	22.51	24.00	0
		1	36	22.55	22.49	22.50	24.00	0
		1	74	22.50	22.42	22.51	24.00	0
		36	0	22.53	22.53	22.45	23.00	1
		36	18	22.47	22.55	22.48	23.00	1
		36	37	22.53	22.55	22.46	23.00	1
		75	0	22.51	22.45	22.43	23.00	1
15	16-QAM	1	0	22.53	22.44	22.56	23.00	1
		1	36	22.55	22.48	22.46	23.00	1
		1	74	22.51	22.57	22.56	23.00	1
		36	0	21.57	21.54	21.48	22.00	2
		36	18	21.56	21.49	21.51	22.00	2
		36	37	21.50	21.53	21.41	22.00	2
		75	0	21.56	21.54	21.41	22.00	2
15	64-QAM	1	0	21.59	21.55	21.58	22.00	2
		1	36	21.42	21.48	21.47	22.00	2
		1	74	21.53	21.51	21.49	22.00	2
		36	0	20.58	20.52	20.49	21.00	3
		36	18	20.60	20.41	20.57	21.00	3
		36	37	20.47	20.57	20.50	21.00	3
		75	0	20.49	20.54	20.41	21.00	3
15	256-QAM	1	0	20.42	20.48	20.49	21.00	3
		1	36	20.45	20.55	20.41	21.00	3
		1	74	20.41	20.47	20.45	21.00	3
		36	0	19.46	19.53	19.45	20.00	4
		36	18	19.59	19.49	19.51	20.00	4
		36	37	19.48	19.43	19.42	20.00	4
		75	0	19.55	19.53	19.41	20.00	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)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	22.47	22.48	22.56	24.00	0
		1	25	22.41	22.51	22.46	24.00	0
		1	49	22.47	22.55	22.50	24.00	0
		25	0	22.41	22.57	22.49	23.00	1
		25	12	22.57	22.53	22.40	23.00	1
		25	25	22.44	22.56	22.45	23.00	1
		50	0	22.53	22.55	22.57	23.00	1
10	16-QAM	1	0	22.51	22.54	22.47	23.00	1
		1	25	22.53	22.48	22.48	23.00	1
		1	49	22.52	22.57	22.50	23.00	1
		25	0	21.49	21.57	21.56	22.00	2
		25	12	21.58	21.54	21.49	22.00	2
		25	25	21.56	21.47	21.55	22.00	2
		50	0	21.44	21.59	21.50	22.00	2
10	64-QAM	1	0	21.54	21.55	21.46	22.00	2
		1	25	21.58	21.49	21.53	22.00	2
		1	49	21.52	21.56	21.42	22.00	2
		25	0	20.58	20.48	20.51	21.00	3
		25	12	20.51	20.52	20.47	21.00	3
		25	25	20.57	20.59	20.56	21.00	3
		50	0	20.40	20.51	20.48	21.00	3
10	256-QAM	1	0	20.59	20.50	20.58	21.00	3
		1	25	20.53	20.47	20.48	21.00	3
		1	49	20.44	20.45	20.44	21.00	3
		25	0	19.57	19.42	19.58	20.00	4
		25	12	19.48	19.55	19.43	20.00	4
		25	25	19.59	19.47	19.58	20.00	4
		50	0	19.58	19.52	19.43	20.00	4

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f (886-2) 2298-0488

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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	22.57	22.54	22.53	24.00	0
		1	12	22.55	22.57	22.51	24.00	0
		1	24	22.55	22.55	22.49	24.00	0
		12	0	22.45	22.50	22.47	23.00	1
		12	6	22.57	22.46	22.52	23.00	1
		12	13	22.47	22.42	22.53	23.00	1
		25	0	22.41	22.49	22.54	23.00	1
5	16-QAM	1	0	22.50	22.51	22.42	23.00	1
		1	12	22.50	22.47	22.56	23.00	1
		1	24	22.56	22.56	22.50	23.00	1
		12	0	21.45	21.48	21.44	22.00	2
		12	6	21.56	21.52	21.57	22.00	2
		12	13	21.42	21.43	21.51	22.00	2
		25	0	21.59	21.54	21.56	22.00	2
5	64-QAM	1	0	21.56	21.50	21.53	22.00	2
		1	12	21.46	21.54	21.42	22.00	2
		1	24	21.50	21.40	21.51	22.00	2
		12	0	20.52	20.42	20.53	21.00	3
		12	6	20.54	20.48	20.58	21.00	3
		12	13	20.59	20.52	20.42	21.00	3
		25	0	20.43	20.48	20.47	21.00	3
5	256-QAM	1	0	20.42	20.43	20.45	21.00	3
		1	12	20.55	20.52	20.54	21.00	3
		1	24	20.57	20.49	20.48	21.00	3
		12	0	19.57	19.42	19.43	20.00	4
		12	6	19.55	19.57	19.47	20.00	4
		12	13	19.52	19.49	19.47	20.00	4
		25	0	19.47	19.55	19.41	20.00	4

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t (886-2) 2299-3279

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)				704	707.5	711		
Channel				23060	23095	23130		
10	QPSK	1	0	23.73	23.68	23.70	25.00	0
		1	25	23.56	23.59	23.64	25.00	0
		1	49	23.54	23.61	23.65	25.00	0
		25	0	23.61	23.62	23.70	24.00	1
		25	12	23.65	23.51	23.54	24.00	1
		25	25	23.70	23.61	23.55	24.00	1
		50	0	23.62	23.57	23.54	24.00	1
10	16-QAM	1	0	23.62	23.65	23.68	24.00	1
		1	25	23.68	23.58	23.61	24.00	1
		1	49	23.53	23.59	23.56	24.00	1
		25	0	22.61	22.68	22.58	23.00	2
		25	12	22.62	22.60	22.58	23.00	2
		25	25	22.61	22.68	22.59	23.00	2
		50	0	22.56	22.66	22.57	23.00	2
10	64-QAM	1	0	22.67	22.59	22.52	23.00	2
		1	25	22.51	22.51	22.54	23.00	2
		1	49	22.55	22.60	22.51	23.00	2
		25	0	21.57	21.58	21.57	22.00	3
		25	12	21.61	21.61	21.63	22.00	3
		25	25	21.65	21.69	21.62	22.00	3
		50	0	21.67	21.57	21.68	22.00	3
10	256-QAM	1	0	21.51	21.57	21.64	22.00	3
		1	25	21.65	21.58	21.58	22.00	3
		1	49	21.54	21.52	21.57	22.00	3
		25	0	20.64	20.66	20.65	21.00	4
		25	12	20.66	20.58	20.58	21.00	4
		25	25	20.62	20.51	20.64	21.00	4
		50	0	20.56	20.57	20.53	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	23.52	23.58	23.58	25.00	0
		1	12	23.58	23.53	23.63	25.00	0
		1	24	23.62	23.51	23.56	25.00	0
		12	0	23.68	23.52	23.68	24.00	1
		12	6	23.61	23.53	23.60	24.00	1
		12	13	23.69	23.52	23.65	24.00	1
		25	0	23.54	23.51	23.54	24.00	1
5	16-QAM	1	0	23.59	23.64	23.69	24.00	1
		1	12	23.63	23.67	23.67	24.00	1
		1	24	23.53	23.56	23.67	24.00	1
		12	0	22.60	22.57	22.55	23.00	2
		12	6	22.64	22.58	22.68	23.00	2
		12	13	22.65	22.50	22.66	23.00	2
		25	0	22.57	22.61	22.63	23.00	2
5	64-QAM	1	0	22.51	22.54	22.60	23.00	2
		1	12	22.62	22.57	22.57	23.00	2
		1	24	22.70	22.61	22.52	23.00	2
		12	0	21.63	21.70	21.56	22.00	3
		12	6	21.63	21.50	21.63	22.00	3
		12	13	21.55	21.70	21.68	22.00	3
		25	0	21.51	21.51	21.53	22.00	3
5	256-QAM	1	0	21.57	21.53	21.63	22.00	3
		1	12	21.70	21.69	21.53	22.00	3
		1	24	21.64	21.55	21.65	22.00	3
		12	0	20.61	20.52	20.69	21.00	4
		12	6	20.54	20.64	20.62	21.00	4
		12	13	20.62	20.66	20.63	21.00	4
		25	0	20.63	20.69	20.67	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	23.54	23.53	23.57	25.00	0
		1	7	23.66	23.59	23.64	25.00	0
		1	14	23.56	23.65	23.52	25.00	0
		8	0	23.61	23.61	23.58	24.00	1
		8	4	23.67	23.60	23.64	24.00	1
		8	7	23.59	23.55	23.63	24.00	1
		15	0	23.64	23.54	23.59	24.00	1
3	16-QAM	1	0	23.59	23.67	23.62	24.00	1
		1	7	23.55	23.65	23.59	24.00	1
		1	14	23.62	23.66	23.61	24.00	1
		8	0	22.59	22.51	22.61	23.00	2
		8	4	22.52	22.57	22.65	23.00	2
		8	7	22.51	22.54	22.69	23.00	2
		15	0	22.59	22.55	22.62	23.00	2
3	64-QAM	1	0	22.60	22.70	22.57	23.00	2
		1	7	22.63	22.66	22.62	23.00	2
		1	14	22.60	22.64	22.50	23.00	2
		8	0	21.51	21.58	21.58	22.00	3
		8	4	21.54	21.55	21.50	22.00	3
		8	7	21.65	21.67	21.60	22.00	3
		15	0	21.61	21.54	21.55	22.00	3
3	256-QAM	1	0	21.65	21.62	21.66	22.00	3
		1	7	21.53	21.67	21.51	22.00	3
		1	14	21.67	21.60	21.60	22.00	3
		8	0	20.65	20.69	20.60	21.00	4
		8	4	20.50	20.64	20.59	21.00	4
		8	7	20.63	20.67	20.62	21.00	4
		15	0	20.59	20.61	20.66	21.00	4

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t (886-2) 2299-3279

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)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	23.62	23.50	23.60	25.00	0
		1	2	23.69	23.62	23.54	25.00	0
		1	5	23.52	23.53	23.52	25.00	0
		3	0	23.64	23.57	23.70	25.00	0
		3	2	23.57	23.65	23.60	25.00	0
		3	3	23.51	23.57	23.56	25.00	0
		6	0	23.67	23.57	23.62	24.00	1
1.4	16-QAM	1	0	23.69	23.69	23.57	24.00	1
		1	2	23.70	23.69	23.65	24.00	1
		1	5	23.55	23.63	23.69	24.00	1
		3	0	22.53	22.56	22.56	24.00	1
		3	2	22.64	22.56	22.57	24.00	1
		3	3	22.70	22.58	22.55	24.00	1
		6	0	22.59	22.55	22.69	23.00	2
1.4	64-QAM	1	0	22.65	22.69	22.61	23.00	2
		1	2	22.58	22.68	22.51	23.00	2
		1	5	22.65	22.67	22.57	23.00	2
		3	0	21.70	21.61	21.67	23.00	2
		3	2	21.65	21.58	21.60	23.00	2
		3	3	21.68	21.52	21.56	23.00	2
		6	0	21.52	21.58	21.67	22.00	3
1.4	256-QAM	1	0	21.59	21.70	21.65	22.00	3
		1	2	21.56	21.70	21.56	22.00	3
		1	5	21.63	21.50	21.57	22.00	3
		3	0	20.52	20.69	20.58	22.00	3
		3	2	20.57	20.69	20.57	22.00	3
		3	3	20.57	20.59	20.64	22.00	3
		6	0	20.67	20.65	20.61	21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					782			
Channel					23230			
10	QPSK	1	0		23.63		25.00	0
		1	25		23.58		25.00	0
		1	49		23.50		25.00	0
		25	0		23.53		24.00	1
		25	12		23.46		24.00	1
		25	25		23.41		24.00	1
		50	0		23.50		24.00	1
10	16-QAM	1	0		23.49		24.00	1
		1	25		23.47		24.00	1
		1	49		23.40		24.00	1
		25	0		22.55		23.00	2
		25	12		22.56		23.00	2
		25	25		22.45		23.00	2
		50	0		22.57		23.00	2
10	64-QAM	1	0		22.58		23.00	2
		1	25		22.52		23.00	2
		1	49		22.60		23.00	2
		25	0		21.46		22.00	3
		25	12		21.48		22.00	3
		25	25		21.56		22.00	3
		50	0		21.46		22.00	3
10	256-QAM	1	0		21.54		22.00	3
		1	25		21.45		22.00	3
		1	49		21.55		22.00	3
		25	0		20.57		21.00	4
		25	12		20.52		21.00	4
		25	25		20.40		21.00	4
		50	0		20.48		21.00	4

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t (886-2) 2299-3279

f (886-2) 2298-0488

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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	23.55	23.47	23.50	25.00	0
		1	12	23.56	23.45	23.50	25.00	0
		1	24	23.58	23.42	23.40	25.00	0
		12	0	23.49	23.49	23.50	24.00	1
		12	6	23.54	23.53	23.48	24.00	1
		12	13	23.57	23.45	23.56	24.00	1
		25	0	23.59	23.58	23.53	24.00	1
5	16-QAM	1	0	23.53	23.48	23.41	24.00	1
		1	12	23.45	23.45	23.43	24.00	1
		1	24	23.47	23.43	23.42	24.00	1
		12	0	22.47	22.44	22.59	23.00	2
		12	6	22.41	22.52	22.52	23.00	2
		12	13	22.60	22.49	22.46	23.00	2
		25	0	22.51	22.46	22.57	23.00	2
5	64-QAM	1	0	22.56	22.53	22.44	23.00	2
		1	12	22.57	22.45	22.40	23.00	2
		1	24	22.59	22.44	22.45	23.00	2
		12	0	21.59	21.58	21.54	22.00	3
		12	6	21.57	21.54	21.56	22.00	3
		12	13	21.57	21.49	21.46	22.00	3
		25	0	21.42	21.41	21.46	22.00	3
5	256-QAM	1	0	21.57	21.45	21.56	22.00	3
		1	12	21.55	21.59	21.55	22.00	3
		1	24	21.44	21.45	21.41	22.00	3
		12	0	20.42	20.46	20.59	21.00	4
		12	6	20.56	20.59	20.42	21.00	4
		12	13	20.54	20.52	20.55	21.00	4
		25	0	20.57	20.54	20.54	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		23.77		25.00	0
		1	25		23.53		25.00	0
		1	49		23.70		25.00	0
		25	0		23.66		24.00	1
		25	12		23.62		24.00	1
		25	25		23.64		24.00	1
		50	0		23.68		24.00	1
10	16-QAM	1	0		23.53		24.00	1
		1	25		23.61		24.00	1
		1	49		23.67		24.00	1
		25	0		22.55		23.00	2
		25	12		22.54		23.00	2
		25	25		22.67		23.00	2
		50	0		22.62		23.00	2
10	64-QAM	1	0		22.62		23.00	2
		1	25		22.66		23.00	2
		1	49		22.55		23.00	2
		25	0		21.58		22.00	3
		25	12		21.50		22.00	3
		25	25		21.53		22.00	3
		50	0		21.51		22.00	3
10	256-QAM	1	0		21.50		22.00	3
		1	25		21.56		22.00	3
		1	49		21.56		22.00	3
		25	0		20.60		21.00	4
		25	12		20.52		21.00	4
		25	25		20.53		21.00	4
		50	0		20.53		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)				790.5	793	795.5		
Channel				23305	23330	23355		
5	QPSK	1	0	23.55	23.70	23.64	25.00	0
		1	12	23.62	23.65	23.68	25.00	0
		1	24	23.52	23.66	23.61	25.00	0
		12	0	22.58	22.53	22.56	24.00	1
		12	6	22.66	22.52	22.54	24.00	1
		12	13	22.66	22.62	22.63	24.00	1
		25	0	22.56	22.53	22.55	24.00	1
5	16-QAM	1	0	22.70	22.55	22.54	24.00	1
		1	12	22.52	22.63	22.55	24.00	1
		1	24	22.61	22.56	22.52	24.00	1
		12	0	21.56	21.58	21.68	23.00	2
		12	6	21.61	21.58	21.57	23.00	2
		12	13	21.63	21.65	21.52	23.00	2
		25	0	21.62	21.57	21.52	23.00	2
5	64-QAM	1	0	21.58	21.68	21.58	23.00	2
		1	12	21.57	21.56	21.70	23.00	2
		1	24	21.68	21.62	21.68	23.00	2
		12	0	20.60	20.58	20.61	22.00	3
		12	6	20.50	20.68	20.50	22.00	3
		12	13	20.51	20.69	20.54	22.00	3
		25	0	20.62	20.55	20.58	22.00	3
5	256-QAM	1	0	20.58	20.65	20.51	22.00	3
		1	12	20.69	20.64	20.61	22.00	3
		1	24	20.53	20.65	20.62	22.00	3
		12	0	19.52	19.55	19.50	21.00	4
		12	6	19.65	19.69	19.53	21.00	4
		12	13	19.68	19.67	19.63	21.00	4
		25	0	19.60	19.53	19.62	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)				709	710	711		
Channel				23780	23790	23800		
10	QPSK	1	0	23.65	23.71	23.67	25.00	0
		1	25	23.63	23.52	23.59	25.00	0
		1	49	23.68	23.56	23.60	25.00	0
		25	0	23.65	23.58	23.62	24.00	1
		25	12	23.54	23.69	23.69	24.00	1
		25	25	23.52	23.53	23.54	24.00	1
		50	0	23.68	23.59	23.50	24.00	1
10	16-QAM	1	0	23.62	23.58	23.61	24.00	1
		1	25	23.64	23.63	23.54	24.00	1
		1	49	23.53	23.69	23.64	24.00	1
		25	0	22.58	22.61	22.67	23.00	2
		25	12	22.66	22.53	22.60	23.00	2
		25	25	22.54	22.69	22.55	23.00	2
		50	0	22.63	22.70	22.59	23.00	2
10	64-QAM	1	0	22.51	22.56	22.56	23.00	2
		1	25	22.61	22.53	22.61	23.00	2
		1	49	22.57	22.67	22.61	23.00	2
		25	0	21.62	21.66	21.59	22.00	3
		25	12	21.52	21.57	21.63	22.00	3
		25	25	21.62	21.56	21.63	22.00	3
		50	0	21.69	21.51	21.62	22.00	3
10	256-QAM	1	0	21.69	21.50	21.66	22.00	3
		1	25	21.57	21.53	21.52	22.00	3
		1	49	21.66	21.60	21.58	22.00	3
		25	0	20.67	20.64	20.57	21.00	4
		25	12	20.58	20.53	20.51	21.00	4
		25	25	20.50	20.61	20.58	21.00	4
		50	0	20.58	20.59	20.55	21.00	4

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t (886-2) 2299-3279

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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	23.70	23.69	23.61	25.00	0
		1	12	23.53	23.52	23.54	25.00	0
		1	24	23.56	23.64	23.68	25.00	0
		12	0	23.59	23.52	23.56	24.00	1
		12	6	23.58	23.57	23.56	24.00	1
		12	13	23.63	23.57	23.53	24.00	1
		25	0	23.55	23.63	23.65	24.00	1
5	16-QAM	1	0	23.69	23.57	23.50	24.00	1
		1	12	23.58	23.66	23.65	24.00	1
		1	24	23.51	23.60	23.52	24.00	1
		12	0	22.63	22.70	22.54	23.00	2
		12	6	22.53	22.61	22.59	23.00	2
		12	13	22.65	22.57	22.66	23.00	2
		25	0	22.52	22.60	22.67	23.00	2
5	64-QAM	1	0	22.61	22.58	22.57	23.00	2
		1	12	22.63	22.57	22.58	23.00	2
		1	24	22.68	22.56	22.51	23.00	2
		12	0	21.62	21.55	21.63	22.00	3
		12	6	21.54	21.66	21.61	22.00	3
		12	13	21.57	21.66	21.52	22.00	3
		25	0	21.54	21.63	21.62	22.00	3
5	256-QAM	1	0	21.54	21.51	21.57	22.00	3
		1	12	21.57	21.52	21.52	22.00	3
		1	24	21.59	21.67	21.61	22.00	3
		12	0	20.52	20.56	20.57	21.00	4
		12	6	20.54	20.54	20.64	21.00	4
		12	13	20.65	20.66	20.66	21.00	4
		25	0	20.70	20.64	20.55	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 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	22.59	22.53	22.47	24.00	0
		1	50	22.42	22.36	22.45	24.00	0
		1	99	22.48	22.40	22.37	24.00	0
		50	0	22.35	22.39	22.50	23.00	1
		50	25	22.48	22.34	22.46	23.00	1
		50	50	22.30	22.31	22.40	23.00	1
		100	0	22.44	22.45	22.30	23.00	1
20	16-QAM	1	0	22.40	22.44	22.47	23.00	1
		1	50	22.47	22.40	22.38	23.00	1
		1	99	22.47	22.42	22.49	23.00	1
		50	0	21.36	21.30	21.34	22.00	2
		50	25	21.47	21.35	21.36	22.00	2
		50	50	21.50	21.48	21.42	22.00	2
		100	0	21.50	21.38	21.46	22.00	2
20	64-QAM	1	0	21.46	21.43	21.34	22.00	2
		1	50	21.44	21.37	21.48	22.00	2
		1	99	21.32	21.44	21.45	22.00	2
		50	0	20.34	20.30	20.40	21.00	3
		50	25	20.40	20.48	20.49	21.00	3
		50	50	20.37	20.40	20.49	21.00	3
		100	0	20.40	20.46	20.34	21.00	3
20	256-QAM	1	0	20.45	20.47	20.36	21.00	3
		1	50	20.33	20.30	20.48	21.00	3
		1	99	20.36	20.47	20.40	21.00	3
		50	0	19.43	19.42	19.47	20.00	4
		50	25	19.31	19.44	19.45	20.00	4
		50	50	19.44	19.50	19.39	20.00	4
		100	0	19.33	19.44	19.34	20.00	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	22.36	22.30	22.34	24.00	0
		1	36	22.46	22.35	22.38	24.00	0
		1	74	22.36	22.36	22.49	24.00	0
		36	0	22.38	22.49	22.41	23.00	1
		36	18	22.39	22.35	22.48	23.00	1
		36	37	22.50	22.41	22.31	23.00	1
		75	0	22.49	22.37	22.43	23.00	1
15	16-QAM	1	0	22.39	22.40	22.34	23.00	1
		1	36	22.39	22.50	22.31	23.00	1
		1	74	22.30	22.42	22.38	23.00	1
		36	0	21.44	21.50	21.43	22.00	2
		36	18	21.35	21.50	21.50	22.00	2
		36	37	21.33	21.48	21.39	22.00	2
		75	0	21.44	21.43	21.31	22.00	2
15	64-QAM	1	0	21.36	21.45	21.49	22.00	2
		1	36	21.41	21.39	21.42	22.00	2
		1	74	21.47	21.40	21.35	22.00	2
		36	0	20.38	20.36	20.35	21.00	3
		36	18	20.33	20.43	20.35	21.00	3
		36	37	20.38	20.40	20.47	21.00	3
		75	0	20.48	20.45	20.47	21.00	3
15	256-QAM	1	0	20.40	20.33	20.40	21.00	3
		1	36	20.36	20.47	20.48	21.00	3
		1	74	20.37	20.50	20.37	21.00	3
		36	0	19.45	19.30	19.37	20.00	4
		36	18	19.41	19.46	19.47	20.00	4
		36	37	19.43	19.32	19.46	20.00	4
		75	0	19.49	19.39	19.41	20.00	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)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	22.30	22.44	22.39	24.00	0
		1	25	22.37	22.33	22.35	24.00	0
		1	49	22.43	22.33	22.35	24.00	0
		25	0	22.36	22.35	22.44	23.00	1
		25	12	22.38	22.35	22.45	23.00	1
		25	25	22.40	22.43	22.32	23.00	1
		50	0	22.43	22.46	22.30	23.00	1
10	16-QAM	1	0	22.39	22.44	22.35	23.00	1
		1	25	22.37	22.36	22.43	23.00	1
		1	49	22.41	22.41	22.43	23.00	1
		25	0	21.39	21.34	21.48	22.00	2
		25	12	21.43	21.40	21.49	22.00	2
		25	25	21.32	21.47	21.44	22.00	2
		50	0	21.48	21.30	21.48	22.00	2
10	64-QAM	1	0	21.42	21.46	21.39	22.00	2
		1	25	21.50	21.31	21.36	22.00	2
		1	49	21.38	21.42	21.30	22.00	2
		25	0	20.43	20.35	20.50	21.00	3
		25	12	20.42	20.46	20.43	21.00	3
		25	25	20.33	20.31	20.31	21.00	3
		50	0	20.47	20.45	20.40	21.00	3
10	256-QAM	1	0	20.33	20.45	20.40	21.00	3
		1	25	20.42	20.46	20.43	21.00	3
		1	49	20.42	20.30	20.46	21.00	3
		25	0	19.48	19.44	19.49	20.00	4
		25	12	19.43	19.47	19.46	20.00	4
		25	25	19.47	19.39	19.37	20.00	4
		50	0	19.39	19.31	19.49	20.00	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)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	22.42	22.33	22.49	24.00	0
		1	12	22.36	22.44	22.44	24.00	0
		1	24	22.39	22.33	22.40	24.00	0
		12	0	22.33	22.44	22.32	23.00	1
		12	6	22.44	22.46	22.45	23.00	1
		12	13	22.31	22.36	22.30	23.00	1
		25	0	22.37	22.40	22.43	23.00	1
5	16-QAM	1	0	22.30	22.38	22.42	23.00	1
		1	12	22.47	22.47	22.41	23.00	1
		1	24	22.34	22.50	22.37	23.00	1
		12	0	21.32	21.33	21.38	22.00	2
		12	6	21.35	21.31	21.43	22.00	2
		12	13	21.47	21.33	21.46	22.00	2
		25	0	21.32	21.37	21.34	22.00	2
5	64-QAM	1	0	21.44	21.50	21.34	22.00	2
		1	12	21.43	21.33	21.34	22.00	2
		1	24	21.36	21.33	21.48	22.00	2
		12	0	20.37	20.41	20.38	21.00	3
		12	6	20.36	20.38	20.36	21.00	3
		12	13	20.46	20.43	20.43	21.00	3
		25	0	20.45	20.36	20.44	21.00	3
5	256-QAM	1	0	20.36	20.47	20.36	21.00	3
		1	12	20.47	20.32	20.33	21.00	3
		1	24	20.49	20.46	20.44	21.00	3
		12	0	19.39	19.46	19.35	20.00	4
		12	6	19.45	19.30	19.37	20.00	4
		12	13	19.50	19.37	19.44	20.00	4
		25	0	19.46	19.35	19.31	20.00	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)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	22.30	22.38	22.43	24.00	0
		1	7	22.43	22.38	22.32	24.00	0
		1	14	22.42	22.34	22.38	24.00	0
		8	0	22.32	22.33	22.39	23.00	1
		8	4	22.35	22.46	22.48	23.00	1
		8	7	22.43	22.32	22.49	23.00	1
		15	0	22.45	22.43	22.33	23.00	1
3	16-QAM	1	0	22.36	22.33	22.49	23.00	1
		1	7	22.31	22.42	22.41	23.00	1
		1	14	22.34	22.36	22.42	23.00	1
		8	0	21.40	21.46	21.45	22.00	2
		8	4	21.37	21.39	21.48	22.00	2
		8	7	21.41	21.39	21.44	22.00	2
		15	0	21.46	21.40	21.32	22.00	2
3	64-QAM	1	0	21.36	21.36	21.41	22.00	2
		1	7	21.32	21.39	21.45	22.00	2
		1	14	21.32	21.48	21.40	22.00	2
		8	0	20.50	20.33	20.49	21.00	3
		8	4	20.44	20.32	20.33	21.00	3
		8	7	20.47	20.39	20.35	21.00	3
		15	0	20.34	20.45	20.44	21.00	3
3	256-QAM	1	0	20.31	20.44	20.35	21.00	3
		1	7	20.48	20.38	20.41	21.00	3
		1	14	20.38	20.49	20.32	21.00	3
		8	0	19.36	19.40	19.33	20.00	4
		8	4	19.47	19.44	19.47	20.00	4
		8	7	19.46	19.47	19.35	20.00	4
		15	0	19.45	19.30	19.39	20.00	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)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	22.32	22.30	22.41	24.00	0
		1	2	22.49	22.37	22.42	24.00	0
		1	5	22.40	22.34	22.35	24.00	0
		3	0	22.45	22.48	22.48	24.00	0
		3	2	22.49	22.47	22.43	24.00	0
		3	3	22.39	22.30	22.43	24.00	0
		6	0	22.35	22.32	22.44	23.00	1
1.4	16-QAM	1	0	22.30	22.31	22.41	23.00	1
		1	2	22.34	22.32	22.42	23.00	1
		1	5	22.35	22.34	22.48	23.00	1
		3	0	21.31	21.30	21.34	23.00	1
		3	2	21.40	21.37	21.37	23.00	1
		3	3	21.32	21.42	21.45	23.00	1
		6	0	21.40	21.39	21.42	22.00	2
1.4	64-QAM	1	0	21.40	21.34	21.49	22.00	2
		1	2	21.33	21.50	21.31	22.00	2
		1	5	21.39	21.44	21.41	22.00	2
		3	0	20.31	20.34	20.31	22.00	2
		3	2	20.44	20.38	20.41	22.00	2
		3	3	20.41	20.39	20.48	22.00	2
		6	0	20.39	20.49	20.46	21.00	3
1.4	256-QAM	1	0	20.49	20.48	20.40	21.00	3
		1	2	20.44	20.36	20.41	21.00	3
		1	5	20.34	20.31	20.40	21.00	3
		3	0	19.38	19.39	19.33	21.00	3
		3	2	19.43	19.44	19.40	21.00	3
		3	3	19.38	19.37	19.48	21.00	3
		6	0	19.45	19.36	19.31	20.00	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)				821.5	831.5	841.5		
Channel				26765	26865	26965		
15	QPSK	1	0	23.52	23.63	23.90	25.00	0
		1	36	23.51	23.48	23.40	25.00	0
		1	74	23.50	23.49	23.51	25.00	0
		36	0	23.46	23.46	23.41	24.00	1
		36	18	23.44	23.47	23.39	24.00	1
		36	37	23.45	23.45	23.38	24.00	1
		75	0	23.35	23.35	23.34	24.00	1
15	16-QAM	1	0	23.46	23.33	23.45	24.00	1
		1	36	23.47	23.45	23.43	24.00	1
		1	74	23.51	23.48	23.47	24.00	1
		36	0	22.46	22.47	22.34	23.00	2
		36	18	22.34	22.45	22.46	23.00	2
		36	37	22.35	22.42	22.44	23.00	2
		75	0	22.44	22.43	22.44	23.00	2
15	64-QAM	1	0	22.51	22.32	22.48	23.00	2
		1	36	22.48	22.48	22.50	23.00	2
		1	74	22.32	22.50	22.52	23.00	2
		36	0	21.34	21.33	21.51	22.00	3
		36	18	21.41	21.48	21.48	22.00	3
		36	37	21.48	21.38	21.47	22.00	3
		75	0	21.47	21.52	21.43	22.00	3
15	256-QAM	1	0	21.48	21.47	21.36	22.00	3
		1	36	21.35	21.43	21.38	22.00	3
		1	74	21.34	21.50	21.43	22.00	3
		36	0	20.45	20.48	20.44	21.00	4
		36	18	20.42	20.47	20.41	21.00	4
		36	37	20.48	20.33	20.35	21.00	4
		75	0	20.40	20.42	20.45	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)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	23.44	23.43	23.47	25.00	0
		1	25	23.44	23.36	23.33	25.00	0
		1	49	23.45	23.39	23.46	25.00	0
		25	0	23.37	23.49	23.50	24.00	1
		25	12	23.37	23.43	23.50	24.00	1
		25	25	23.41	23.41	23.38	24.00	1
		50	0	23.33	23.34	23.44	24.00	1
10	16-QAM	1	0	23.35	23.32	23.39	24.00	1
		1	25	23.42	23.38	23.42	24.00	1
		1	49	23.44	23.49	23.41	24.00	1
		25	0	22.49	22.40	22.44	23.00	2
		25	12	22.33	22.41	22.48	23.00	2
		25	25	22.34	22.34	22.40	23.00	2
		50	0	22.47	22.36	22.38	23.00	2
10	64-QAM	1	0	22.47	22.45	22.42	23.00	2
		1	25	22.41	22.43	22.45	23.00	2
		1	49	22.39	22.41	22.52	23.00	2
		25	0	21.51	21.45	21.32	22.00	3
		25	12	21.41	21.39	21.47	22.00	3
		25	25	21.45	21.46	21.42	22.00	3
		50	0	21.47	21.49	21.44	22.00	3
10	256-QAM	1	0	21.49	21.37	21.34	22.00	3
		1	25	21.34	21.39	21.34	22.00	3
		1	49	21.37	21.49	21.41	22.00	3
		25	0	20.43	20.41	20.36	21.00	4
		25	12	20.45	20.34	20.51	21.00	4
		25	25	20.38	20.41	20.32	21.00	4
		50	0	20.41	20.42	20.45	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 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	23.47	23.39	23.49	25.00	0
		1	12	23.48	23.50	23.51	25.00	0
		1	24	23.45	23.40	23.48	25.00	0
		12	0	23.48	23.42	23.39	24.00	1
		12	6	23.45	23.47	23.51	24.00	1
		12	13	23.34	23.37	23.50	24.00	1
		25	0	23.48	23.48	23.46	24.00	1
5	16-QAM	1	0	23.35	23.51	23.40	24.00	1
		1	12	23.47	23.41	23.50	24.00	1
		1	24	23.39	23.38	23.40	24.00	1
		12	0	22.35	22.45	22.40	23.00	2
		12	6	22.41	22.45	22.49	23.00	2
		12	13	22.33	22.40	22.35	23.00	2
		25	0	22.49	22.41	22.32	23.00	2
5	64-QAM	1	0	22.34	22.36	22.46	23.00	2
		1	12	22.41	22.49	22.46	23.00	2
		1	24	22.44	22.52	22.35	23.00	2
		12	0	21.42	21.49	21.36	22.00	3
		12	6	21.41	21.47	21.36	22.00	3
		12	13	21.33	21.47	21.37	22.00	3
		25	0	21.43	21.35	21.41	22.00	3
5	256-QAM	1	0	21.32	21.35	21.36	22.00	3
		1	12	21.40	21.33	21.46	22.00	3
		1	24	21.48	21.42	21.35	22.00	3
		12	0	20.46	20.42	20.42	21.00	4
		12	6	20.42	20.46	20.34	21.00	4
		12	13	20.48	20.41	20.38	21.00	4
		25	0	20.33	20.50	20.38	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	23.36	23.37	23.33	25.00	0
		1	7	23.50	23.39	23.34	25.00	0
		1	14	23.33	23.40	23.42	25.00	0
		8	0	23.46	23.42	23.43	24.00	1
		8	4	23.37	23.51	23.48	24.00	1
		8	7	23.44	23.48	23.34	24.00	1
		15	0	23.41	23.50	23.32	24.00	1
3	16-QAM	1	0	23.37	23.40	23.44	24.00	1
		1	7	23.37	23.32	23.32	24.00	1
		1	14	23.43	23.44	23.38	24.00	1
		8	0	22.43	22.38	22.44	23.00	2
		8	4	22.37	22.42	22.37	23.00	2
		8	7	22.44	22.42	22.43	23.00	2
		15	0	22.39	22.51	22.42	23.00	2
3	64-QAM	1	0	22.39	22.42	22.37	23.00	2
		1	7	22.49	22.45	22.36	23.00	2
		1	14	22.37	22.37	22.51	23.00	2
		8	0	21.43	21.40	21.51	22.00	3
		8	4	21.44	21.40	21.41	22.00	3
		8	7	21.51	21.52	21.37	22.00	3
		15	0	21.33	21.47	21.48	22.00	3
3	256-QAM	1	0	21.37	21.49	21.49	22.00	3
		1	7	21.38	21.49	21.50	22.00	3
		1	14	21.49	21.38	21.51	22.00	3
		8	0	20.39	20.44	20.38	21.00	4
		8	4	20.52	20.38	20.50	21.00	4
		8	7	20.40	20.47	20.51	21.00	4
		15	0	20.34	20.46	20.40	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)				814.7	831.5	848.3		
Channel				26697	26865	27033		
1.4	QPSK	1	0	23.41	23.41	23.47	25.00	0
		1	2	23.49	23.51	23.50	25.00	0
		1	5	23.39	23.35	23.38	25.00	0
		3	0	23.46	23.49	23.45	25.00	0
		3	2	23.50	23.40	23.42	25.00	0
		3	3	23.46	23.42	23.50	25.00	0
		6	0	23.48	23.44	23.40	24.00	1
1.4	16-QAM	1	0	23.47	23.40	23.33	24.00	1
		1	2	23.33	23.32	23.48	24.00	1
		1	5	23.50	23.36	23.48	24.00	1
		3	0	22.38	22.41	22.45	24.00	1
		3	2	22.35	22.37	22.51	24.00	1
		3	3	22.41	22.51	22.46	24.00	1
		6	0	22.50	22.46	22.52	23.00	2
1.4	64-QAM	1	0	22.41	22.50	22.41	23.00	2
		1	2	22.35	22.51	22.36	23.00	2
		1	5	22.34	22.41	22.43	23.00	2
		3	0	21.47	21.38	21.33	23.00	2
		3	2	21.40	21.33	21.34	23.00	2
		3	3	21.49	21.43	21.44	23.00	2
		6	0	21.50	21.48	21.45	22.00	3
1.4	256-QAM	1	0	21.39	21.46	21.36	22.00	3
		1	2	21.34	21.47	21.40	22.00	3
		1	5	21.51	21.42	21.38	22.00	3
		3	0	20.49	20.33	20.47	22.00	3
		3	2	20.51	20.32	20.45	22.00	3
		3	3	20.40	20.34	20.46	22.00	3
		6	0	20.39	20.44	20.45	21.00	4

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LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					27710			
10	QPSK	1	0		21.77		22.98	0
		1	25		21.56		22.98	0
		1	49		21.65		22.98	0
		25	0		20.57		21.98	1
		25	12		20.67		21.98	1
		25	25		20.54		21.98	1
		50	0		20.63		21.98	1
10	16-QAM	1	0		20.67		21.98	1
		1	25		20.65		21.98	1
		1	49		20.71		21.98	1
		25	0		19.62		20.98	2
		25	12		19.52		20.98	2
		25	25		19.66		20.98	2
		50	0		19.60		20.98	2
10	64-QAM	1	0		19.66		20.98	2
		1	25		19.68		20.98	2
		1	49		19.66		20.98	2
		25	0		18.54		19.98	3
		25	12		18.58		19.98	3
		25	25		18.55		19.98	3
		50	0		18.66		19.98	3
10	256-QAM	1	0		18.63		19.98	3
		1	25		18.66		19.98	3
		1	49		18.69		19.98	3
		25	0		17.69		18.98	4
		25	12		17.53		18.98	4
		25	25		17.56		18.98	4
		50	0		17.51		18.98	4

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LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				27685	27710	27735		
5	QPSK	1	0	21.62	21.70	21.64	22.98	0
		1	12	21.58	21.62	21.57	22.98	0
		1	24	21.70	21.61	21.57	22.98	0
		12	0	20.71	20.55	20.71	21.98	1
		12	6	20.54	20.52	20.51	21.98	1
		12	13	20.66	20.69	20.68	21.98	1
		25	0	20.55	20.57	20.51	21.98	1
5	16-QAM	1	0	20.64	20.69	20.62	21.98	1
		1	12	20.61	20.65	20.69	21.98	1
		1	24	20.66	20.68	20.51	21.98	1
		12	0	19.55	19.60	19.64	20.98	2
		12	6	19.59	19.55	19.54	20.98	2
		12	13	19.55	19.52	19.62	20.98	2
		25	0	19.66	19.60	19.53	20.98	2
5	64-QAM	1	0	19.65	19.65	19.66	20.98	2
		1	12	19.69	19.66	19.67	20.98	2
		1	24	19.57	19.63	19.69	20.98	2
		12	0	18.54	18.59	18.66	19.98	3
		12	6	18.57	18.63	18.67	19.98	3
		12	13	18.56	18.63	18.70	19.98	3
		25	0	18.61	18.71	18.56	19.98	3
5	256-QAM	1	0	18.66	18.68	18.71	19.98	3
		1	12	18.53	18.57	18.68	19.98	3
		1	24	18.58	18.66	18.54	19.98	3
		12	0	17.54	17.60	17.69	18.98	4
		12	6	17.59	17.52	17.54	18.98	4
		12	13	17.59	17.60	17.68	18.98	4
		25	0	17.69	17.69	17.55	18.98	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	22.77	22.45	22.47	24.00	0
		1	50	22.43	22.42	22.28	24.00	0
		1	99	22.35	22.34	22.45	24.00	0
		50	0	21.31	21.44	21.44	23.00	1
		50	25	21.27	21.30	21.42	23.00	1
		50	50	21.37	21.35	21.36	23.00	1
		100	0	21.44	21.28	21.41	23.00	1
20	16-QAM	1	0	21.28	21.43	21.32	23.00	1
		1	50	21.43	21.47	21.38	23.00	1
		1	99	21.47	21.45	21.33	23.00	1
		50	0	20.31	20.42	20.28	22.00	2
		50	25	20.34	20.29	20.44	22.00	2
		50	50	20.45	20.29	20.41	22.00	2
		100	0	20.32	20.39	20.34	22.00	2
20	64-QAM	1	0	20.44	20.30	20.42	22.00	2
		1	50	20.45	20.44	20.35	22.00	2
		1	99	20.29	20.40	20.31	22.00	2
		50	0	19.29	19.33	19.32	21.00	3
		50	25	19.41	19.27	19.36	21.00	3
		50	50	19.47	19.36	19.43	21.00	3
		100	0	19.28	19.32	19.32	21.00	3
20	256-QAM	1	0	19.29	19.33	19.42	21.00	3
		1	50	19.37	19.45	19.30	21.00	3
		1	99	19.34	19.30	19.38	21.00	3
		50	0	18.40	18.34	18.29	20.00	4
		50	25	18.37	18.30	18.39	20.00	4
		50	50	18.36	18.37	18.41	20.00	4
		100	0	18.27	18.30	18.42	20.00	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 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	22.29	22.47	22.33	24.00	0
		1	36	22.39	22.38	22.35	24.00	0
		1	74	22.42	22.44	22.27	24.00	0
		36	0	21.33	21.47	21.32	23.00	1
		36	18	21.40	21.37	21.32	23.00	1
		36	37	21.33	21.42	21.31	23.00	1
		75	0	21.39	21.40	21.44	23.00	1
15	16-QAM	1	0	21.42	21.29	21.42	23.00	1
		1	36	21.46	21.36	21.30	23.00	1
		1	74	21.39	21.28	21.38	23.00	1
		36	0	20.35	20.46	20.30	22.00	2
		36	18	20.35	20.29	20.46	22.00	2
		36	37	20.42	20.34	20.30	22.00	2
		75	0	20.37	20.33	20.36	22.00	2
15	64-QAM	1	0	20.45	20.46	20.31	22.00	2
		1	36	20.30	20.39	20.45	22.00	2
		1	74	20.39	20.37	20.36	22.00	2
		36	0	19.39	19.38	19.34	21.00	3
		36	18	19.46	19.36	19.33	21.00	3
		36	37	19.38	19.37	19.39	21.00	3
		75	0	19.29	19.35	19.34	21.00	3
15	256-QAM	1	0	19.37	19.38	19.36	21.00	3
		1	36	19.29	19.27	19.43	21.00	3
		1	74	19.30	19.42	19.46	21.00	3
		36	0	18.45	18.41	18.32	20.00	4
		36	18	18.33	18.31	18.45	20.00	4
		36	37	18.39	18.34	18.39	20.00	4
		75	0	18.40	18.31	18.39	20.00	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	22.34	22.29	22.41	24.00	0
		1	25	22.34	22.33	22.38	24.00	0
		1	49	22.39	22.33	22.36	24.00	0
		25	0	21.27	21.42	21.41	23.00	1
		25	12	21.41	21.40	21.38	23.00	1
		25	25	21.39	21.35	21.37	23.00	1
		50	0	21.45	21.32	21.45	23.00	1
10	16-QAM	1	0	21.34	21.35	21.45	23.00	1
		1	25	21.32	21.35	21.34	23.00	1
		1	49	21.43	21.46	21.36	23.00	1
		25	0	20.35	20.43	20.31	22.00	2
		25	12	20.34	20.42	20.33	22.00	2
		25	25	20.36	20.41	20.32	22.00	2
		50	0	20.42	20.42	20.28	22.00	2
10	64-QAM	1	0	20.44	20.29	20.39	22.00	2
		1	25	20.29	20.41	20.43	22.00	2
		1	49	20.33	20.28	20.27	22.00	2
		25	0	19.34	19.34	19.42	21.00	3
		25	12	19.28	19.41	19.36	21.00	3
		25	25	19.32	19.44	19.35	21.00	3
		50	0	19.30	19.38	19.30	21.00	3
10	256-QAM	1	0	19.29	19.31	19.32	21.00	3
		1	25	19.38	19.36	19.37	21.00	3
		1	49	19.44	19.40	19.44	21.00	3
		25	0	18.42	18.31	18.42	20.00	4
		25	12	18.46	18.39	18.31	20.00	4
		25	25	18.36	18.40	18.29	20.00	4
		50	0	18.43	18.35	18.31	20.00	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)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	22.28	22.31	22.37	24.00	0
		1	12	22.45	22.32	22.34	24.00	0
		1	24	22.34	22.46	22.33	24.00	0
		12	0	21.40	21.33	21.37	23.00	1
		12	6	21.28	21.44	21.28	23.00	1
		12	13	21.37	21.38	21.29	23.00	1
		25	0	21.42	21.45	21.32	23.00	1
5	16-QAM	1	0	21.31	21.37	21.35	23.00	1
		1	12	21.35	21.39	21.46	23.00	1
		1	24	21.45	21.36	21.47	23.00	1
		12	0	20.32	20.29	20.28	22.00	2
		12	6	20.41	20.43	20.28	22.00	2
		12	13	20.46	20.37	20.39	22.00	2
		25	0	20.36	20.42	20.30	22.00	2
5	64-QAM	1	0	20.36	20.47	20.35	22.00	2
		1	12	20.33	20.33	20.45	22.00	2
		1	24	20.45	20.46	20.32	22.00	2
		12	0	19.28	19.47	19.35	21.00	3
		12	6	19.36	19.35	19.41	21.00	3
		12	13	19.27	19.43	19.37	21.00	3
		25	0	19.43	19.39	19.40	21.00	3
5	256-QAM	1	0	19.35	19.34	19.28	21.00	3
		1	12	19.45	19.37	19.40	21.00	3
		1	24	19.39	19.41	19.29	21.00	3
		12	0	18.42	18.30	18.47	20.00	4
		12	6	18.40	18.31	18.33	20.00	4
		12	13	18.44	18.40	18.33	20.00	4
		25	0	18.41	18.39	18.39	20.00	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)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	22.36	22.28	22.36	24.00	0
		1	7	22.40	22.42	22.46	24.00	0
		1	14	22.39	22.32	22.40	24.00	0
		8	0	21.38	21.47	21.28	23.00	1
		8	4	21.38	21.43	21.37	23.00	1
		8	7	21.30	21.33	21.35	23.00	1
		15	0	21.34	21.41	21.41	23.00	1
3	16-QAM	1	0	21.46	21.31	21.34	23.00	1
		1	7	21.36	21.35	21.45	23.00	1
		1	14	21.37	21.41	21.31	23.00	1
		8	0	20.36	20.47	20.40	22.00	2
		8	4	20.41	20.32	20.33	22.00	2
		8	7	20.42	20.29	20.28	22.00	2
		15	0	20.37	20.30	20.34	22.00	2
3	64-QAM	1	0	20.28	20.39	20.39	22.00	2
		1	7	20.39	20.40	20.35	22.00	2
		1	14	20.42	20.45	20.39	22.00	2
		8	0	19.39	19.31	19.28	21.00	3
		8	4	19.34	19.33	19.37	21.00	3
		8	7	19.31	19.36	19.27	21.00	3
		15	0	19.36	19.41	19.37	21.00	3
3	256-QAM	1	0	19.38	19.45	19.28	21.00	3
		1	7	19.36	19.41	19.36	21.00	3
		1	14	19.38	19.46	19.44	21.00	3
		8	0	18.46	18.36	18.44	20.00	4
		8	4	18.34	18.47	18.46	20.00	4
		8	7	18.28	18.33	18.34	20.00	4
		15	0	18.47	18.46	18.35	20.00	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)				1710.7	1745	1779.3		
Channel				131979	132322	132665		
1.4	QPSK	1	0	22.33	22.45	22.28	24.00	0
		1	2	22.32	22.36	22.42	24.00	0
		1	5	22.34	22.44	22.33	24.00	0
		3	0	22.33	22.40	22.31	24.00	0
		3	2	22.41	22.42	22.47	24.00	0
		3	3	22.27	22.35	22.39	24.00	0
		6	0	21.31	21.43	21.39	23.00	1
1.4	16-QAM	1	0	21.40	21.33	21.46	23.00	1
		1	2	21.31	21.30	21.46	23.00	1
		1	5	21.30	21.39	21.33	23.00	1
		3	0	21.32	21.46	21.29	23.00	1
		3	2	21.46	21.29	21.28	23.00	1
		3	3	21.33	21.30	21.41	23.00	1
		6	0	20.28	20.27	20.37	22.00	2
1.4	64-QAM	1	0	20.43	20.40	20.38	22.00	2
		1	2	20.46	20.27	20.34	22.00	2
		1	5	20.43	20.41	20.44	22.00	2
		3	0	20.42	20.44	20.41	22.00	2
		3	2	20.39	20.32	20.40	22.00	2
		3	3	20.29	20.33	20.38	22.00	2
		6	0	19.41	19.30	19.46	21.00	3
1.4	256-QAM	1	0	19.31	19.37	19.42	21.00	3
		1	2	19.32	19.30	19.36	21.00	3
		1	5	19.39	19.43	19.37	21.00	3
		3	0	19.45	19.41	19.38	21.00	3
		3	2	19.47	19.32	19.43	21.00	3
		3	3	19.32	19.41	19.28	21.00	3
		6	0	18.42	18.46	18.30	20.00	4

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t (886-2) 2299-3279

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		23.54		24.00	0
		1	50		23.51		24.00	0
		1	99		23.37		24.00	0
		50	0		22.38		23.00	1
		50	25		22.42		23.00	1
		50	50		22.36		23.00	1
		100	0		22.42		23.00	1
15	16-QAM	1	0		22.46		23.00	1
		1	50		22.35		23.00	1
		1	99		22.45		23.00	1
		50	0		21.32		22.00	2
		50	25		21.41		22.00	2
		50	50		21.33		22.00	2
		100	0		21.44		22.00	2
15	64-QAM	1	0		21.34		22.00	2
		1	50		21.51		22.00	2
		1	99		21.48		22.00	2
		50	0		20.43		21.00	3
		50	25		20.35		21.00	3
		50	50		20.51		21.00	3
		100	0		20.48		21.00	3
15	256-QAM	1	0		20.49		21.00	3
		1	50		20.39		21.00	3
		1	99		20.40		21.00	3
		50	0		19.48		20.00	4
		50	25		19.41		20.00	4
		50	50		19.48		20.00	4
		100	0		19.48		20.00	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 70								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1700	1705	1715		
Channel				131122	131172	131272		
10	QPSK	1	0	23.47	23.36	23.36	24.00	0
		1	36	23.33	23.41	23.41	24.00	0
		1	74	23.42	23.34	23.39	24.00	0
		36	0	22.48	22.40	22.36	23.00	1
		36	18	22.43	22.48	22.31	23.00	1
		36	37	22.41	22.33	22.34	23.00	1
		75	0	22.42	22.40	22.38	23.00	1
10	16-QAM	1	0	22.35	22.42	22.45	23.00	1
		1	36	22.44	22.46	22.32	23.00	1
		1	74	22.40	22.43	22.43	23.00	1
		36	0	21.33	21.46	21.39	22.00	2
		36	18	21.33	21.40	21.42	22.00	2
		36	37	21.35	21.49	21.37	22.00	2
		75	0	21.31	21.49	21.35	22.00	2
10	64-QAM	1	0	21.39	21.42	21.47	22.00	2
		1	36	21.35	21.33	21.40	22.00	2
		1	74	21.31	21.45	21.43	22.00	2
		36	0	20.44	20.48	20.35	21.00	3
		36	18	20.35	20.41	20.38	21.00	3
		36	37	20.34	20.37	20.31	21.00	3
		75	0	20.34	20.36	20.48	21.00	3
10	256-QAM	1	0	20.30	20.33	20.36	21.00	3
		1	36	20.38	20.40	20.36	21.00	3
		1	74	20.44	20.36	20.46	21.00	3
		36	0	19.38	19.50	19.41	20.00	4
		36	18	19.43	19.34	19.37	20.00	4
		36	37	19.36	19.33	19.42	20.00	4
		75	0	19.47	19.35	19.49	20.00	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				132972	133022	133072		
5	QPSK	1	0	23.36	23.33	23.44	24.00	0
		1	25	23.37	23.46	23.37	24.00	0
		1	49	23.35	23.36	23.46	24.00	0
		25	0	22.45	22.32	22.44	23.00	1
		25	12	22.37	22.38	22.49	23.00	1
		25	25	22.42	22.40	22.36	23.00	1
		50	0	22.37	22.48	22.48	23.00	1
5	16-QAM	1	0	22.46	22.46	22.44	23.00	1
		1	25	22.35	22.33	22.36	23.00	1
		1	49	22.35	22.49	22.32	23.00	1
		25	0	21.32	21.38	21.31	22.00	2
		25	12	21.41	21.31	21.49	22.00	2
		25	25	21.36	21.33	21.38	22.00	2
		50	0	21.33	21.46	21.47	22.00	2
5	64-QAM	1	0	21.32	21.49	21.41	22.00	2
		1	25	21.39	21.44	21.33	22.00	2
		1	49	21.49	21.48	21.31	22.00	2
		25	0	20.42	20.35	20.44	21.00	3
		25	12	20.31	20.37	20.35	21.00	3
		25	25	20.45	20.50	20.48	21.00	3
		50	0	20.48	20.38	20.30	21.00	3
5	256-QAM	1	0	20.46	20.49	20.33	21.00	3
		1	25	20.31	20.45	20.41	21.00	3
		1	49	20.33	20.49	20.45	21.00	3
		25	0	19.42	19.41	19.36	20.00	4
		25	12	19.32	19.35	19.35	20.00	4
		25	25	19.32	19.31	19.50	20.00	4
		50	0	19.37	19.36	19.44	20.00	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)				1696.5	1702.5	1708.5		
Channel				132972	133032	133092		
3	QPSK	1	0	23.45	23.42	23.39	24.00	0
		1	12	23.41	23.47	23.47	24.00	0
		1	24	23.42	23.46	23.35	24.00	0
		12	0	22.41	22.31	22.47	23.00	1
		12	6	22.47	22.48	22.38	23.00	1
		12	13	22.43	22.46	22.46	23.00	1
		25	0	22.49	22.34	22.35	23.00	1
3	16-QAM	1	0	22.34	22.32	22.37	23.00	1
		1	12	22.32	22.41	22.50	23.00	1
		1	24	22.40	22.41	22.48	23.00	1
		12	0	21.42	21.44	21.40	22.00	2
		12	6	21.41	21.32	21.40	22.00	2
		12	13	21.41	21.31	21.30	22.00	2
		25	0	21.34	21.36	21.47	22.00	2
3	64-QAM	1	0	21.35	21.36	21.35	22.00	2
		1	12	21.37	21.40	21.44	22.00	2
		1	24	21.41	21.32	21.41	22.00	2
		12	0	20.37	20.45	20.41	21.00	3
		12	6	20.49	20.40	20.43	21.00	3
		12	13	20.41	20.33	20.34	21.00	3
		25	0	20.31	20.41	20.40	21.00	3
3	256-QAM	1	0	20.49	20.37	20.34	21.00	3
		1	12	20.41	20.33	20.35	21.00	3
		1	24	20.38	20.41	20.37	21.00	3
		12	0	19.45	19.32	19.43	20.00	4
		12	6	19.47	19.30	19.49	20.00	4
		12	13	19.41	19.31	19.39	20.00	4
		25	0	19.45	19.33	19.47	20.00	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)				1695.7	1702.7	1708.3		
Channel				132972	133122	133242		
1.4	QPSK	1	0	23.32	23.48	23.49	24.00	0
		1	7	23.40	23.35	23.34	24.00	0
		1	14	23.31	23.47	23.38	24.00	0
		8	0	22.39	22.39	22.48	23.00	1
		8	4	22.33	22.37	22.33	23.00	1
		8	7	22.47	22.43	22.39	23.00	1
		15	0	22.48	22.42	22.41	23.00	1
1.4	16-QAM	1	0	22.35	22.48	22.39	23.00	1
		1	7	22.50	22.32	22.32	23.00	1
		1	14	22.34	22.41	22.35	23.00	1
		8	0	21.41	21.44	21.37	22.00	2
		8	4	21.40	21.37	21.43	22.00	2
		8	7	21.38	21.36	21.48	22.00	2
		15	0	21.39	21.39	21.35	22.00	2
1.4	64-QAM	1	0	21.30	21.48	21.38	22.00	2
		1	7	21.46	21.41	21.45	22.00	2
		1	14	21.32	21.31	21.38	22.00	2
		8	0	20.49	20.41	20.33	21.00	3
		8	4	20.35	20.45	20.34	21.00	3
		8	7	20.31	20.49	20.47	21.00	3
		15	0	20.50	20.42	20.36	21.00	3
1.4	256-QAM	1	0	20.38	20.49	20.49	21.00	3
		1	7	20.40	20.41	20.44	21.00	3
		1	14	20.39	20.30	20.32	21.00	3
		8	0	19.43	19.39	19.32	20.00	4
		8	4	19.36	19.32	19.38	20.00	4
		8	7	19.39	19.42	19.43	20.00	4
		15	0	19.31	19.35	19.30	20.00	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	23.59	23.79	23.69	25.00	0
		1	50	23.45	23.41	23.54	25.00	0
		1	99	23.48	23.59	23.39	25.00	0
		50	0	22.46	22.50	22.49	24.00	1
		50	25	22.42	22.42	22.58	24.00	1
		50	50	22.51	22.41	22.44	24.00	1
		100	0	22.55	22.59	22.49	24.00	1
20	16-QAM	1	0	22.52	22.49	22.44	24.00	1
		1	50	22.50	22.48	22.53	24.00	1
		1	99	22.58	22.57	22.42	24.00	1
		50	0	21.55	21.51	21.44	23.00	2
		50	25	21.48	21.58	21.51	23.00	2
		50	50	21.41	21.53	21.45	23.00	2
		100	0	21.53	21.55	21.55	23.00	2
20	64-QAM	1	0	21.46	21.44	21.41	23.00	2
		1	50	21.57	21.54	21.50	23.00	2
		1	99	21.55	21.40	21.56	23.00	2
		50	0	20.51	20.45	20.43	22.00	3
		50	25	20.56	20.55	20.45	22.00	3
		50	50	20.48	20.57	20.46	22.00	3
		100	0	20.49	20.39	20.57	22.00	3
20	256-QAM	1	0	20.46	20.47	20.55	22.00	3
		1	50	20.52	20.45	20.46	22.00	3
		1	99	20.55	20.54	20.41	22.00	3
		50	0	19.48	19.51	19.54	21.00	4
		50	25	19.46	19.50	19.49	21.00	4
		50	50	19.58	19.46	19.50	21.00	4
		100	0	19.39	19.49	19.46	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)				670.5	680.5	690.5		
Channel				133197	133297	133397		
15	QPSK	1	0	23.52	23.55	23.42	25.00	0
		1	36	23.48	23.41	23.48	25.00	0
		1	74	23.46	23.54	23.54	25.00	0
		36	0	22.54	22.41	22.47	24.00	1
		36	18	22.49	22.41	22.55	24.00	1
		36	37	22.54	22.47	22.57	24.00	1
		75	0	22.41	22.41	22.55	24.00	1
15	16-QAM	1	0	22.48	22.47	22.51	24.00	1
		1	36	22.49	22.58	22.51	24.00	1
		1	74	22.46	22.52	22.47	24.00	1
		36	0	21.53	21.47	21.50	23.00	2
		36	18	21.39	21.58	21.40	23.00	2
		36	37	21.50	21.58	21.44	23.00	2
		75	0	21.46	21.45	21.49	23.00	2
15	64-QAM	1	0	21.55	21.55	21.41	23.00	2
		1	36	21.42	21.43	21.54	23.00	2
		1	74	21.47	21.51	21.54	23.00	2
		36	0	20.54	20.48	20.54	22.00	3
		36	18	20.56	20.42	20.41	22.00	3
		36	37	20.43	20.59	20.42	22.00	3
		75	0	20.57	20.49	20.48	22.00	3
15	256-QAM	1	0	20.51	20.40	20.54	22.00	3
		1	36	20.44	20.48	20.43	22.00	3
		1	74	20.50	20.44	20.55	22.00	3
		36	0	19.56	19.45	19.49	21.00	4
		36	18	19.58	19.51	19.53	21.00	4
		36	37	19.50	19.45	19.42	21.00	4
		75	0	19.57	19.50	19.43	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	23.56	23.52	23.51	25.00	0
		1	25	23.57	23.52	23.55	25.00	0
		1	49	23.54	23.41	23.58	25.00	0
		25	0	22.53	22.57	22.48	24.00	1
		25	12	22.42	22.52	22.41	24.00	1
		25	25	22.52	22.41	22.40	24.00	1
		50	0	22.40	22.51	22.43	24.00	1
10	16-QAM	1	0	22.54	22.52	22.45	24.00	1
		1	25	22.45	22.58	22.48	24.00	1
		1	49	22.43	22.42	22.52	24.00	1
		25	0	21.49	21.53	21.49	23.00	2
		25	12	21.45	21.39	21.46	23.00	2
		25	25	21.55	21.54	21.51	23.00	2
		50	0	21.48	21.41	21.52	23.00	2
10	64-QAM	1	0	21.53	21.58	21.41	23.00	2
		1	25	21.49	21.40	21.49	23.00	2
		1	49	21.44	21.52	21.51	23.00	2
		25	0	20.54	20.52	20.44	22.00	3
		25	12	20.45	20.41	20.47	22.00	3
		25	25	20.47	20.49	20.56	22.00	3
		50	0	20.44	20.42	20.53	22.00	3
10	256-QAM	1	0	20.51	20.55	20.45	22.00	3
		1	25	20.52	20.51	20.53	22.00	3
		1	49	20.55	20.40	20.42	22.00	3
		25	0	19.52	19.50	19.45	21.00	4
		25	12	19.54	19.56	19.55	21.00	4
		25	25	19.55	19.50	19.44	21.00	4
		50	0	19.46	19.54	19.53	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)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	23.53	23.52	23.52	25.00	0
		1	12	23.41	23.52	23.49	25.00	0
		1	24	23.58	23.56	23.46	25.00	0
		12	0	22.57	22.52	22.47	24.00	1
		12	6	22.48	22.50	22.53	24.00	1
		12	13	22.47	22.59	22.40	24.00	1
		25	0	22.54	22.40	22.50	24.00	1
5	16-QAM	1	0	22.44	22.54	22.51	24.00	1
		1	12	22.47	22.56	22.58	24.00	1
		1	24	22.50	22.45	22.47	24.00	1
		12	0	21.49	21.47	21.48	23.00	2
		12	6	21.58	21.57	21.51	23.00	2
		12	13	21.49	21.57	21.43	23.00	2
		25	0	21.52	21.55	21.50	23.00	2
5	64-QAM	1	0	21.51	21.41	21.46	23.00	2
		1	12	21.55	21.43	21.50	23.00	2
		1	24	21.51	21.57	21.46	23.00	2
		12	0	20.57	20.54	20.53	22.00	3
		12	6	20.51	20.43	20.44	22.00	3
		12	13	20.43	20.48	20.45	22.00	3
		25	0	20.39	20.40	20.52	22.00	3
5	256-QAM	1	0	20.45	20.56	20.54	22.00	3
		1	12	20.52	20.41	20.51	22.00	3
		1	24	20.49	20.49	20.44	22.00	3
		12	0	19.48	19.41	19.49	21.00	4
		12	6	19.54	19.54	19.46	21.00	4
		12	13	19.52	19.41	19.45	21.00	4
		25	0	19.40	19.52	19.45	21.00	4

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Reduced power

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	19.94	19.83	19.81	20.00	0
		1	50	19.68	19.74	19.64	20.00	0
		1	99	19.77	19.64	19.76	20.00	0
		50	0	18.72	18.62	18.72	19.00	1
		50	25	18.79	18.63	18.76	19.00	1
		50	50	18.77	18.65	18.74	19.00	1
		100	0	18.76	18.64	18.61	19.00	1
20	16-QAM	1	0	18.63	18.67	18.62	19.00	1
		1	50	18.62	18.74	18.73	19.00	1
		1	99	18.71	18.63	18.71	19.00	1
		50	0	17.61	17.74	17.68	18.00	2
		50	25	17.63	17.74	17.75	18.00	2
		50	50	17.69	17.72	17.65	18.00	2
		100	0	17.77	17.62	17.77	18.00	2
20	64-QAM	1	0	17.73	17.77	17.70	18.00	2
		1	50	17.68	17.63	17.77	18.00	2
		1	99	17.67	17.69	17.76	18.00	2
		50	0	16.72	16.68	16.67	17.00	3
		50	25	16.69	16.73	16.74	17.00	3
		50	50	16.64	16.66	16.70	17.00	3
		100	0	16.62	16.73	16.71	17.00	3
20	256-QAM	1	0	16.66	16.70	16.78	17.00	3
		1	50	16.71	16.64	16.74	17.00	3
		1	99	16.66	16.79	16.71	17.00	3
		50	0	15.61	15.77	15.74	16.00	4
		50	25	15.76	15.62	15.67	16.00	4
		50	50	15.65	15.77	15.76	16.00	4
		100	0	15.65	15.70	15.68	16.00	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)				1857.5	1880	1902.5		
Channel				18675	18900	19125		
15	QPSK	1	0	19.73	19.76	19.61	20.00	0
		1	36	19.63	19.66	19.64	20.00	0
		1	74	19.66	19.68	19.78	20.00	0
		36	0	18.73	18.62	18.68	19.00	1
		36	18	18.76	18.67	18.67	19.00	1
		36	37	18.67	18.73	18.63	19.00	1
		75	0	18.59	18.76	18.79	19.00	1
15	16-QAM	1	0	18.71	18.78	18.64	19.00	1
		1	36	18.74	18.60	18.63	19.00	1
		1	74	18.77	18.75	18.71	19.00	1
		36	0	17.61	17.61	17.69	18.00	2
		36	18	17.73	17.78	17.72	18.00	2
		36	37	17.67	17.78	17.75	18.00	2
		75	0	17.69	17.59	17.66	18.00	2
15	64-QAM	1	0	17.59	17.65	17.66	18.00	2
		1	36	17.75	17.67	17.66	18.00	2
		1	74	17.74	17.62	17.74	18.00	2
		36	0	16.68	16.66	16.76	17.00	3
		36	18	16.73	16.78	16.69	17.00	3
		36	37	16.64	16.67	16.59	17.00	3
		75	0	16.77	16.69	16.69	17.00	3
15	256-QAM	1	0	16.60	16.62	16.75	17.00	3
		1	36	16.62	16.69	16.72	17.00	3
		1	74	16.69	16.63	16.76	17.00	3
		36	0	15.62	15.70	15.68	16.00	4
		36	18	15.65	15.62	15.60	16.00	4
		36	37	15.67	15.63	15.74	16.00	4
		75	0	15.77	15.61	15.61	16.00	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	19.62	19.59	19.67	20.00	0
		1	25	19.64	19.71	19.73	20.00	0
		1	49	19.75	19.74	19.73	20.00	0
		25	0	18.73	18.74	18.71	19.00	1
		25	12	18.61	18.61	18.59	19.00	1
		25	25	18.64	18.74	18.72	19.00	1
		50	0	18.65	18.59	18.62	19.00	1
10	16-QAM	1	0	18.61	18.78	18.60	19.00	1
		1	25	18.73	18.76	18.70	19.00	1
		1	49	18.66	18.63	18.59	19.00	1
		25	0	17.72	17.76	17.63	18.00	2
		25	12	17.65	17.76	17.70	18.00	2
		25	25	17.77	17.59	17.66	18.00	2
		50	0	17.60	17.68	17.79	18.00	2
10	64-QAM	1	0	17.67	17.61	17.78	18.00	2
		1	25	17.64	17.61	17.62	18.00	2
		1	49	17.63	17.67	17.79	18.00	2
		25	0	16.61	16.67	16.67	17.00	3
		25	12	16.73	16.73	16.60	17.00	3
		25	25	16.75	16.64	16.63	17.00	3
		50	0	16.68	16.67	16.73	17.00	3
10	256-QAM	1	0	16.70	16.66	16.63	17.00	3
		1	25	16.63	16.60	16.73	17.00	3
		1	49	16.68	16.70	16.63	17.00	3
		25	0	15.70	15.65	15.72	16.00	4
		25	12	15.65	15.68	15.78	16.00	4
		25	25	15.67	15.75	15.67	16.00	4
		50	0	15.63	15.60	15.73	16.00	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)				1852.5	1880	1907.5		
Channel				18625	18900	19175		
5	QPSK	1	0	19.78	19.63	19.61	20.00	0
		1	12	19.73	19.63	19.63	20.00	0
		1	24	19.60	19.59	19.73	20.00	0
		12	0	18.67	18.69	18.68	19.00	1
		12	6	18.62	18.69	18.65	19.00	1
		12	13	18.79	18.76	18.62	19.00	1
		25	0	18.66	18.79	18.70	19.00	1
5	16-QAM	1	0	18.65	18.62	18.61	19.00	1
		1	12	18.62	18.73	18.78	19.00	1
		1	24	18.73	18.78	18.64	19.00	1
		12	0	17.61	17.78	17.63	18.00	2
		12	6	17.71	17.62	17.77	18.00	2
		12	13	17.71	17.69	17.73	18.00	2
		25	0	17.63	17.71	17.65	18.00	2
5	64-QAM	1	0	17.59	17.67	17.69	18.00	2
		1	12	17.64	17.77	17.66	18.00	2
		1	24	17.75	17.60	17.65	18.00	2
		12	0	16.78	16.75	16.76	17.00	3
		12	6	16.63	16.64	16.71	17.00	3
		12	13	16.75	16.74	16.72	17.00	3
		25	0	16.72	16.63	16.61	17.00	3
5	256-QAM	1	0	16.75	16.77	16.61	17.00	3
		1	12	16.68	16.70	16.79	17.00	3
		1	24	16.72	16.69	16.68	17.00	3
		12	0	15.61	15.69	15.74	16.00	4
		12	6	15.61	15.73	15.73	16.00	4
		12	13	15.68	15.66	15.70	16.00	4
		25	0	15.77	15.71	15.65	16.00	4

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t (886-2) 2299-3279

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)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	19.68	19.65	19.63	20.00	0
		1	7	19.64	19.74	19.78	20.00	0
		1	14	19.60	19.65	19.78	20.00	0
		8	0	18.76	18.62	18.68	19.00	1
		8	4	18.78	18.66	18.61	19.00	1
		8	7	18.72	18.69	18.65	19.00	1
		15	0	18.59	18.62	18.66	19.00	1
3	16-QAM	1	0	18.72	18.69	18.79	19.00	1
		1	7	18.70	18.59	18.74	19.00	1
		1	14	18.63	18.64	18.68	19.00	1
		8	0	17.62	17.77	17.69	18.00	2
		8	4	17.66	17.65	17.75	18.00	2
		8	7	17.78	17.59	17.61	18.00	2
		15	0	17.77	17.76	17.73	18.00	2
3	64-QAM	1	0	17.60	17.69	17.75	18.00	2
		1	7	17.77	17.65	17.59	18.00	2
		1	14	17.59	17.71	17.69	18.00	2
		8	0	16.62	16.76	16.67	17.00	3
		8	4	16.72	16.70	16.67	17.00	3
		8	7	16.66	16.60	16.63	17.00	3
		15	0	16.71	16.62	16.69	17.00	3
3	256-QAM	1	0	16.69	16.60	16.71	17.00	3
		1	7	16.63	16.74	16.63	17.00	3
		1	14	16.69	16.63	16.61	17.00	3
		8	0	15.79	15.79	15.63	16.00	4
		8	4	15.64	15.75	15.64	16.00	4
		8	7	15.61	15.68	15.68	16.00	4
		15	0	15.62	15.59	15.73	16.00	4

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t (886-2) 2299-3279

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)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	19.59	19.59	19.60	20.00	0
		1	2	19.60	19.60	19.66	20.00	0
		1	5	19.66	19.69	19.71	20.00	0
		3	0	18.71	18.69	18.75	20.00	0
		3	2	18.78	18.67	18.77	20.00	0
		3	3	18.78	18.59	18.64	20.00	0
		6	0	18.74	18.62	18.71	19.00	1
1.4	16-QAM	1	0	18.70	18.68	18.71	19.00	1
		1	2	18.76	18.76	18.70	19.00	1
		1	5	18.63	18.73	18.64	19.00	1
		3	0	17.65	17.64	17.67	19.00	1
		3	2	17.67	17.61	17.71	19.00	1
		3	3	17.62	17.76	17.65	19.00	1
		6	0	17.66	17.77	17.78	18.00	2
1.4	64-QAM	1	0	17.61	17.73	17.75	18.00	2
		1	2	17.76	17.77	17.75	18.00	2
		1	5	17.77	17.68	17.76	18.00	2
		3	0	16.76	16.77	16.76	18.00	2
		3	2	16.68	16.60	16.72	18.00	2
		3	3	16.59	16.77	16.78	18.00	2
		6	0	16.62	16.68	16.67	17.00	3
1.4	256-QAM	1	0	16.74	16.60	16.61	17.00	3
		1	2	16.61	16.63	16.72	17.00	3
		1	5	16.76	16.78	16.66	17.00	3
		3	0	15.65	15.79	15.78	17.00	3
		3	2	15.70	15.60	15.67	17.00	3
		3	3	15.59	15.60	15.73	17.00	3
		6	0	15.59	15.68	15.67	16.00	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	20.48	20.66	20.54	21.00	0
		1	50	20.37	20.27	20.39	21.00	0
		1	99	20.41	20.38	20.40	21.00	0
		50	0	19.43	19.30	19.35	20.00	1
		50	25	19.30	19.44	19.36	20.00	1
		50	50	19.24	19.26	19.29	20.00	1
		100	0	19.40	19.38	19.37	20.00	1
20	16-QAM	1	0	19.31	19.31	19.30	20.00	1
		1	50	19.25	19.33	19.33	20.00	1
		1	99	19.40	19.36	19.30	20.00	1
		50	0	18.25	18.27	18.33	19.00	2
		50	25	18.29	18.28	18.44	19.00	2
		50	50	18.35	18.36	18.25	19.00	2
		100	0	18.40	18.33	18.42	19.00	2
20	64-QAM	1	0	18.25	18.29	18.25	19.00	2
		1	50	18.37	18.31	18.40	19.00	2
		1	99	18.37	18.40	18.37	19.00	2
		50	0	17.43	17.31	17.32	18.00	3
		50	25	17.31	17.37	17.41	18.00	3
		50	50	17.31	17.39	17.27	18.00	3
		100	0	17.32	17.31	17.35	18.00	3
20	256-QAM	1	0	17.34	17.27	17.29	18.00	3
		1	50	17.29	17.42	17.31	18.00	3
		1	99	17.32	17.27	17.28	18.00	3
		50	0	16.44	16.31	16.31	17.00	4
		50	25	16.34	16.36	16.36	17.00	4
		50	50	16.43	16.34	16.28	17.00	4
		100	0	16.39	16.38	16.35	17.00	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	20.40	20.28	20.26	21.00	0
		1	36	20.35	20.32	20.32	21.00	0
		1	74	20.37	20.36	20.43	21.00	0
		36	0	19.41	19.30	19.24	20.00	1
		36	18	19.37	19.38	19.29	20.00	1
		36	37	19.37	19.29	19.41	20.00	1
		75	0	19.28	19.40	19.27	20.00	1
15	16-QAM	1	0	19.28	19.44	19.26	20.00	1
		1	36	19.26	19.26	19.37	20.00	1
		1	74	19.36	19.37	19.42	20.00	1
		36	0	18.44	18.27	18.39	19.00	2
		36	18	18.42	18.37	18.42	19.00	2
		36	37	18.34	18.38	18.32	19.00	2
		75	0	18.30	18.36	18.29	19.00	2
15	64-QAM	1	0	18.40	18.34	18.29	19.00	2
		1	36	18.29	18.27	18.35	19.00	2
		1	74	18.29	18.41	18.26	19.00	2
		36	0	17.26	17.25	17.30	18.00	3
		36	18	17.40	17.28	17.30	18.00	3
		36	37	17.42	17.36	17.36	18.00	3
		75	0	17.37	17.35	17.35	18.00	3
15	256-QAM	1	0	17.35	17.27	17.37	18.00	3
		1	36	17.37	17.38	17.27	18.00	3
		1	74	17.30	17.29	17.35	18.00	3
		36	0	16.27	16.43	16.40	17.00	4
		36	18	16.28	16.41	16.32	17.00	4
		36	37	16.37	16.38	16.31	17.00	4
		75	0	16.30	16.43	16.26	17.00	4

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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	20.32	20.38	20.33	21.00	0
		1	25	20.27	20.37	20.37	21.00	0
		1	49	20.25	20.35	20.43	21.00	0
		25	0	19.25	19.28	19.25	20.00	1
		25	12	19.41	19.30	19.36	20.00	1
		25	25	19.36	19.39	19.32	20.00	1
		50	0	19.38	19.25	19.31	20.00	1
10	16-QAM	1	0	19.25	19.40	19.39	20.00	1
		1	25	19.25	19.40	19.36	20.00	1
		1	49	19.30	19.31	19.36	20.00	1
		25	0	18.28	18.28	18.39	19.00	2
		25	12	18.28	18.32	18.30	19.00	2
		25	25	18.44	18.26	18.40	19.00	2
		50	0	18.42	18.32	18.38	19.00	2
10	64-QAM	1	0	18.27	18.35	18.43	19.00	2
		1	25	18.39	18.33	18.27	19.00	2
		1	49	18.34	18.31	18.36	19.00	2
		25	0	17.34	17.41	17.35	18.00	3
		25	12	17.37	17.38	17.25	18.00	3
		25	25	17.34	17.40	17.30	18.00	3
		50	0	17.26	17.39	17.28	18.00	3
10	256-QAM	1	0	17.39	17.26	17.32	18.00	3
		1	25	17.29	17.43	17.36	18.00	3
		1	49	17.41	17.41	17.26	18.00	3
		25	0	16.39	16.37	16.35	17.00	4
		25	12	16.42	16.41	16.40	17.00	4
		25	25	16.38	16.37	16.30	17.00	4
		50	0	16.40	16.33	16.26	17.00	4

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LTE Band 4								
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Frequency (MHz)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	20.31	20.29	20.43	21.00	0
		1	12	20.33	20.40	20.42	21.00	0
		1	24	20.39	20.42	20.25	21.00	0
		12	0	19.36	19.38	19.28	20.00	1
		12	6	19.27	19.33	19.30	20.00	1
		12	13	19.44	19.40	19.37	20.00	1
		25	0	19.39	19.33	19.25	20.00	1
5	16-QAM	1	0	19.32	19.26	19.37	20.00	1
		1	12	19.29	19.36	19.32	20.00	1
		1	24	19.27	19.29	19.34	20.00	1
		12	0	18.42	18.27	18.41	19.00	2
		12	6	18.25	18.28	18.32	19.00	2
		12	13	18.30	18.39	18.25	19.00	2
		25	0	18.36	18.37	18.36	19.00	2
5	64-QAM	1	0	18.28	18.29	18.38	19.00	2
		1	12	18.41	18.34	18.35	19.00	2
		1	24	18.40	18.36	18.38	19.00	2
		12	0	17.37	17.43	17.28	18.00	3
		12	6	17.30	17.42	17.30	18.00	3
		12	13	17.25	17.31	17.36	18.00	3
		25	0	17.32	17.30	17.40	18.00	3
5	256-QAM	1	0	17.31	17.31	17.38	18.00	3
		1	12	17.27	17.28	17.33	18.00	3
		1	24	17.37	17.26	17.25	18.00	3
		12	0	16.37	16.31	16.35	17.00	4
		12	6	16.39	16.41	16.29	17.00	4
		12	13	16.34	16.33	16.34	17.00	4
		25	0	16.33	16.29	16.27	17.00	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)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	20.28	20.43	20.42	21.00	0
		1	7	20.41	20.30	20.31	21.00	0
		1	14	20.31	20.31	20.33	21.00	0
		8	0	19.24	19.34	19.33	20.00	1
		8	4	19.30	19.31	19.29	20.00	1
		8	7	19.42	19.26	19.40	20.00	1
		15	0	19.43	19.36	19.41	20.00	1
3	16-QAM	1	0	19.38	19.27	19.27	20.00	1
		1	7	19.35	19.39	19.25	20.00	1
		1	14	19.29	19.35	19.42	20.00	1
		8	0	18.30	18.34	18.39	19.00	2
		8	4	18.35	18.39	18.27	19.00	2
		8	7	18.39	18.37	18.42	19.00	2
		15	0	18.43	18.35	18.39	19.00	2
3	64-QAM	1	0	18.33	18.40	18.38	19.00	2
		1	7	18.29	18.37	18.25	19.00	2
		1	14	18.39	18.35	18.28	19.00	2
		8	0	17.39	17.27	17.34	18.00	3
		8	4	17.29	17.42	17.38	18.00	3
		8	7	17.35	17.32	17.33	18.00	3
		15	0	17.31	17.25	17.32	18.00	3
3	256-QAM	1	0	17.25	17.26	17.44	18.00	3
		1	7	17.32	17.42	17.39	18.00	3
		1	14	17.32	17.39	17.36	18.00	3
		8	0	16.34	16.41	16.28	17.00	4
		8	4	16.31	16.26	16.27	17.00	4
		8	7	16.33	16.33	16.44	17.00	4
		15	0	16.26	16.26	16.25	17.00	4

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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)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	20.39	20.39	20.35	21.00	0
		1	2	20.28	20.39	20.31	21.00	0
		1	5	20.31	20.28	20.42	21.00	0
		3	0	19.28	19.25	19.39	21.00	0
		3	2	19.33	19.33	19.26	21.00	0
		3	3	19.31	19.30	19.28	21.00	0
		6	0	19.35	19.41	19.41	20.00	1
1.4	16-QAM	1	0	19.28	19.30	19.33	20.00	1
		1	2	19.40	19.43	19.32	20.00	1
		1	5	19.43	19.39	19.42	20.00	1
		3	0	18.40	18.41	18.26	20.00	1
		3	2	18.29	18.25	18.33	20.00	1
		3	3	18.31	18.40	18.29	20.00	1
		6	0	18.29	18.32	18.25	19.00	2
1.4	64-QAM	1	0	18.43	18.37	18.24	19.00	2
		1	2	18.25	18.30	18.43	19.00	2
		1	5	18.25	18.41	18.31	19.00	2
		3	0	17.33	17.29	17.37	19.00	2
		3	2	17.26	17.38	17.35	19.00	2
		3	3	17.40	17.27	17.35	19.00	2
		6	0	17.25	17.41	17.30	18.00	3
1.4	256-QAM	1	0	17.31	17.29	17.38	18.00	3
		1	2	17.44	17.43	17.37	18.00	3
		1	5	17.43	17.35	17.28	18.00	3
		3	0	16.36	16.28	16.36	18.00	3
		3	2	16.40	16.29	16.42	18.00	3
		3	3	16.34	16.42	16.28	18.00	3
		6	0	16.40	16.39	16.40	17.00	4

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t (886-2) 2299-3279

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)				829	836.5	844		
Channel				20450	20525	20600		
10	QPSK	1	0	21.46	21.42	21.55	22.00	0
		1	25	21.31	21.22	21.30	22.00	0
		1	49	21.39	21.36	21.23	22.00	0
		25	0	20.23	20.32	20.30	21.00	1
		25	12	20.22	20.34	20.20	21.00	1
		25	25	20.30	20.36	20.24	21.00	1
		50	0	20.32	20.26	20.23	21.00	1
10	16-QAM	1	0	20.29	20.27	20.26	21.00	1
		1	25	20.25	20.36	20.37	21.00	1
		1	49	20.39	20.27	20.35	21.00	1
		25	0	19.25	19.23	19.26	20.00	2
		25	12	19.39	19.19	19.38	20.00	2
		25	25	19.39	19.27	19.22	20.00	2
		50	0	19.30	19.34	19.29	20.00	2
10	64-QAM	1	0	19.29	19.36	19.23	20.00	2
		1	25	19.28	19.32	19.37	20.00	2
		1	49	19.25	19.27	19.36	20.00	2
		25	0	18.20	18.39	18.35	19.00	3
		25	12	18.39	18.36	18.34	19.00	3
		25	25	18.21	18.19	18.28	19.00	3
		50	0	18.28	18.25	18.28	19.00	3
10	256-QAM	1	0	18.28	18.29	18.30	19.00	3
		1	25	18.38	18.39	18.20	19.00	3
		1	49	18.25	18.19	18.26	19.00	3
		25	0	17.27	17.29	17.21	18.00	4
		25	12	17.31	17.32	17.28	18.00	4
		25	25	17.22	17.35	17.35	18.00	4
		50	0	17.30	17.28	17.27	18.00	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)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	21.36	21.26	21.25	22.00	0
		1	12	21.35	21.35	21.32	22.00	0
		1	24	21.21	21.38	21.32	22.00	0
		12	0	20.23	20.26	20.33	21.00	1
		12	6	20.24	20.22	20.36	21.00	1
		12	13	20.22	20.31	20.20	21.00	1
		25	0	20.34	20.27	20.23	21.00	1
5	16-QAM	1	0	20.26	20.24	20.34	21.00	1
		1	12	20.25	20.35	20.23	21.00	1
		1	24	20.37	20.27	20.36	21.00	1
		12	0	19.30	19.30	19.19	20.00	2
		12	6	19.20	19.39	19.28	20.00	2
		12	13	19.39	19.22	19.23	20.00	2
		25	0	19.34	19.34	19.28	20.00	2
5	64-QAM	1	0	19.38	19.31	19.32	20.00	2
		1	12	19.22	19.28	19.22	20.00	2
		1	24	19.37	19.36	19.31	20.00	2
		12	0	18.35	18.29	18.38	19.00	3
		12	6	18.27	18.28	18.33	19.00	3
		12	13	18.22	18.33	18.22	19.00	3
		25	0	18.32	18.38	18.32	19.00	3
5	256-QAM	1	0	18.28	18.23	18.33	19.00	3
		1	12	18.39	18.25	18.29	19.00	3
		1	24	18.30	18.37	18.20	19.00	3
		12	0	17.25	17.32	17.29	18.00	4
		12	6	17.31	17.27	17.26	18.00	4
		12	13	17.33	17.35	17.29	18.00	4
		25	0	17.39	17.36	17.34	18.00	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)				825.5	836.5	847.5		
Channel				20415	20525	20635		
3	QPSK	1	0	21.33	21.23	21.31	22.00	0
		1	7	21.31	21.22	21.29	22.00	0
		1	14	21.22	21.30	21.28	22.00	0
		8	0	20.24	20.32	20.36	21.00	1
		8	4	20.34	20.35	20.32	21.00	1
		8	7	20.37	20.30	20.39	21.00	1
		15	0	20.31	20.37	20.21	21.00	1
3	16-QAM	1	0	20.25	20.35	20.23	21.00	1
		1	7	20.36	20.26	20.21	21.00	1
		1	14	20.22	20.39	20.33	21.00	1
		8	0	19.33	19.27	19.25	20.00	2
		8	4	19.20	19.33	19.24	20.00	2
		8	7	19.26	19.29	19.37	20.00	2
		15	0	19.23	19.35	19.21	20.00	2
3	64-QAM	1	0	19.30	19.22	19.24	20.00	2
		1	7	19.31	19.26	19.23	20.00	2
		1	14	19.26	19.32	19.20	20.00	2
		8	0	18.39	18.34	18.38	19.00	3
		8	4	18.23	18.19	18.32	19.00	3
		8	7	18.32	18.32	18.22	19.00	3
		15	0	18.37	18.23	18.28	19.00	3
3	256-QAM	1	0	18.23	18.21	18.29	19.00	3
		1	7	18.25	18.25	18.32	19.00	3
		1	14	18.32	18.30	18.28	19.00	3
		8	0	17.20	17.38	17.28	18.00	4
		8	4	17.20	17.28	17.38	18.00	4
		8	7	17.32	17.26	17.34	18.00	4
		15	0	17.36	17.31	17.30	18.00	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)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	21.34	21.19	21.25	22.00	0
		1	2	21.32	21.32	21.30	22.00	0
		1	5	21.25	21.21	21.37	22.00	0
		3	0	20.36	20.32	20.25	22.00	0
		3	2	20.38	20.29	20.29	22.00	0
		3	3	20.22	20.32	20.33	22.00	0
		6	0	20.23	20.32	20.37	21.00	1
1.4	16-QAM	1	0	20.21	20.22	20.24	21.00	1
		1	2	20.35	20.37	20.24	21.00	1
		1	5	20.20	20.27	20.28	21.00	1
		3	0	19.24	19.23	19.20	21.00	1
		3	2	19.20	19.34	19.22	21.00	1
		3	3	19.29	19.21	19.24	21.00	1
		6	0	19.23	19.36	19.26	20.00	2
1.4	64-QAM	1	0	19.28	19.20	19.34	20.00	2
		1	2	19.29	19.22	19.37	20.00	2
		1	5	19.35	19.30	19.35	20.00	2
		3	0	18.31	18.26	18.33	20.00	2
		3	2	18.34	18.36	18.35	20.00	2
		3	3	18.30	18.24	18.38	20.00	2
		6	0	18.35	18.26	18.39	19.00	3
1.4	256-QAM	1	0	18.23	18.39	18.23	19.00	3
		1	2	18.27	18.21	18.33	19.00	3
		1	5	18.28	18.20	18.27	19.00	3
		3	0	17.36	17.35	17.25	19.00	3
		3	2	17.33	17.35	17.29	19.00	3
		3	3	17.36	17.31	17.30	19.00	3
		6	0	17.22	17.23	17.27	18.00	4

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f (886-2) 2298-0488

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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)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	16.56	16.51	16.61	17.00	0
		1	50	16.45	16.33	16.42	17.00	0
		1	99	16.35	16.42	16.47	17.00	0
		50	0	15.31	15.41	15.42	16.00	1
		50	25	15.43	15.39	15.48	16.00	1
		50	50	15.39	15.39	15.48	16.00	1
		100	0	15.30	15.39	15.41	16.00	1
20	16-QAM	1	0	15.35	15.32	15.46	16.00	1
		1	50	15.39	15.43	15.42	16.00	1
		1	99	15.42	15.41	15.47	16.00	1
		50	0	14.41	14.41	14.45	15.00	2
		50	25	14.44	14.34	14.31	15.00	2
		50	50	14.46	14.33	14.42	15.00	2
		100	0	14.42	14.40	14.44	15.00	2
20	64-QAM	1	0	14.35	14.35	14.48	15.00	2
		1	50	14.37	14.30	14.45	15.00	2
		1	99	14.43	14.36	14.48	15.00	2
		50	0	13.43	13.41	13.43	14.00	3
		50	25	13.48	13.36	13.30	14.00	3
		50	50	13.41	13.32	13.31	14.00	3
		100	0	13.29	13.41	13.47	14.00	3
20	256-QAM	1	0	13.32	13.37	13.43	14.00	3
		1	50	13.35	13.32	13.48	14.00	3
		1	99	13.41	13.35	13.39	14.00	3
		50	0	12.30	12.35	12.42	13.00	4
		50	25	12.39	12.30	12.33	13.00	4
		50	50	12.47	12.48	12.34	13.00	4
		100	0	12.39	12.41	12.43	13.00	4

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f (886-2) 2298-0488

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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)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	16.44	16.41	16.47	17.00	0
		1	36	16.44	16.39	16.37	17.00	0
		1	74	16.44	16.46	16.44	17.00	0
		36	0	15.44	15.30	15.35	16.00	1
		36	18	15.47	15.42	15.42	16.00	1
		36	37	15.48	15.47	15.33	16.00	1
		75	0	15.29	15.31	15.30	16.00	1
15	16-QAM	1	0	15.45	15.35	15.40	16.00	1
		1	36	15.37	15.34	15.48	16.00	1
		1	74	15.41	15.44	15.34	16.00	1
		36	0	14.39	14.47	14.29	15.00	2
		36	18	14.32	14.30	14.45	15.00	2
		36	37	14.42	14.30	14.33	15.00	2
		75	0	14.43	14.31	14.35	15.00	2
15	64-QAM	1	0	14.41	14.38	14.44	15.00	2
		1	36	14.36	14.37	14.40	15.00	2
		1	74	14.33	14.40	14.38	15.00	2
		36	0	13.32	13.35	13.49	14.00	3
		36	18	13.46	13.41	13.36	14.00	3
		36	37	13.35	13.40	13.32	14.00	3
		75	0	13.46	13.49	13.45	14.00	3
15	256-QAM	1	0	13.29	13.29	13.34	14.00	3
		1	36	13.41	13.45	13.36	14.00	3
		1	74	13.42	13.40	13.45	14.00	3
		36	0	12.47	12.36	12.40	13.00	4
		36	18	12.41	12.39	12.43	13.00	4
		36	37	12.43	12.31	12.48	13.00	4
		75	0	12.30	12.40	12.44	13.00	4

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f (886-2) 2298-0488

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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)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	16.30	16.41	16.42	17.00	0
		1	25	16.46	16.47	16.32	17.00	0
		1	49	16.44	16.46	16.40	17.00	0
		25	0	15.48	15.41	15.31	16.00	1
		25	12	15.39	15.35	15.31	16.00	1
		25	25	15.33	15.47	15.33	16.00	1
		50	0	15.41	15.46	15.40	16.00	1
10	16-QAM	1	0	15.37	15.43	15.32	16.00	1
		1	25	15.35	15.35	15.38	16.00	1
		1	49	15.47	15.34	15.48	16.00	1
		25	0	14.31	14.35	14.31	15.00	2
		25	12	14.30	14.43	14.35	15.00	2
		25	25	14.31	14.31	14.42	15.00	2
		50	0	14.39	14.48	14.46	15.00	2
10	64-QAM	1	0	14.34	14.46	14.39	15.00	2
		1	25	14.36	14.49	14.38	15.00	2
		1	49	14.35	14.36	14.31	15.00	2
		25	0	13.46	13.35	13.44	14.00	3
		25	12	13.41	13.43	13.35	14.00	3
		25	25	13.45	13.46	13.45	14.00	3
		50	0	13.40	13.32	13.38	14.00	3
10	256-QAM	1	0	13.33	13.39	13.30	14.00	3
		1	25	13.41	13.37	13.34	14.00	3
		1	49	13.35	13.38	13.41	14.00	3
		25	0	12.40	12.43	12.38	13.00	4
		25	12	12.35	12.35	12.32	13.00	4
		25	25	12.30	12.34	12.31	13.00	4
		50	0	12.33	12.29	12.37	13.00	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)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	16.48	16.44	16.34	17.00	0
		1	12	16.42	16.37	16.39	17.00	0
		1	24	16.33	16.36	16.39	17.00	0
		12	0	15.36	15.39	15.40	16.00	1
		12	6	15.31	15.48	15.30	16.00	1
		12	13	15.47	15.44	15.33	16.00	1
		25	0	15.34	15.37	15.43	16.00	1
5	16-QAM	1	0	15.31	15.37	15.30	16.00	1
		1	12	15.47	15.42	15.39	16.00	1
		1	24	15.35	15.44	15.41	16.00	1
		12	0	14.36	14.38	14.46	15.00	2
		12	6	14.40	14.46	14.49	15.00	2
		12	13	14.38	14.36	14.39	15.00	2
		25	0	14.44	14.40	14.31	15.00	2
5	64-QAM	1	0	14.30	14.39	14.40	15.00	2
		1	12	14.48	14.30	14.42	15.00	2
		1	24	14.32	14.31	14.46	15.00	2
		12	0	13.43	13.45	13.43	14.00	3
		12	6	13.37	13.42	13.34	14.00	3
		12	13	13.32	13.39	13.47	14.00	3
		25	0	13.37	13.33	13.34	14.00	3
5	256-QAM	1	0	13.32	13.47	13.29	14.00	3
		1	12	13.44	13.34	13.32	14.00	3
		1	24	13.33	13.46	13.36	14.00	3
		12	0	12.47	12.47	12.40	13.00	4
		12	6	12.48	12.46	12.40	13.00	4
		12	13	12.42	12.48	12.29	13.00	4
		25	0	12.30	12.40	12.29	13.00	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	22.61	22.64	22.66	23.00	0
		1	25	22.47	22.50	22.41	23.00	0
		1	49	22.52	22.45	22.58	23.00	0
		25	0	21.52	21.53	21.51	22.00	1
		25	12	21.44	21.47	21.50	22.00	1
		25	25	21.51	21.57	21.48	22.00	1
		50	0	21.49	21.40	21.42	22.00	1
10	16-QAM	1	0	21.49	21.50	21.53	22.00	1
		1	25	21.57	21.47	21.41	22.00	1
		1	49	21.48	21.43	21.51	22.00	1
		25	0	20.58	20.45	20.56	21.00	2
		25	12	20.42	20.42	20.48	21.00	2
		25	25	20.44	20.40	20.47	21.00	2
		50	0	20.45	20.43	20.57	21.00	2
10	64-QAM	1	0	20.50	20.51	20.46	21.00	2
		1	25	20.47	20.53	20.46	21.00	2
		1	49	20.58	20.48	20.43	21.00	2
		25	0	19.46	19.41	19.43	20.00	3
		25	12	19.53	19.46	19.44	20.00	3
		25	25	19.49	19.49	19.58	20.00	3
		50	0	19.47	19.39	19.49	20.00	3
10	256-QAM	1	0	19.48	19.57	19.44	20.00	3
		1	25	19.40	19.45	19.55	20.00	3
		1	49	19.46	19.41	19.41	20.00	3
		25	0	18.51	18.51	18.44	19.00	4
		25	12	18.53	18.44	18.57	19.00	4
		25	25	18.55	18.39	18.59	19.00	4
		50	0	18.50	18.53	18.57	19.00	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	22.51	22.42	22.41	23.00	0
		1	12	22.57	22.56	22.39	23.00	0
		1	24	22.58	22.40	22.54	23.00	0
		12	0	21.44	21.41	21.52	22.00	1
		12	6	21.48	21.46	21.41	22.00	1
		12	13	21.55	21.57	21.46	22.00	1
		25	0	21.58	21.47	21.41	22.00	1
5	16-QAM	1	0	21.39	21.47	21.43	22.00	1
		1	12	21.50	21.50	21.42	22.00	1
		1	24	21.43	21.44	21.55	22.00	1
		12	0	20.53	20.46	20.59	21.00	2
		12	6	20.45	20.45	20.41	21.00	2
		12	13	20.44	20.51	20.43	21.00	2
		25	0	20.56	20.50	20.59	21.00	2
5	64-QAM	1	0	20.50	20.49	20.47	21.00	2
		1	12	20.47	20.51	20.48	21.00	2
		1	24	20.44	20.48	20.41	21.00	2
		12	0	19.44	19.39	19.40	20.00	3
		12	6	19.54	19.51	19.57	20.00	3
		12	13	19.51	19.52	19.53	20.00	3
		25	0	19.41	19.44	19.46	20.00	3
5	256-QAM	1	0	19.42	19.57	19.47	20.00	3
		1	12	19.48	19.40	19.54	20.00	3
		1	24	19.57	19.42	19.46	20.00	3
		12	0	18.54	18.43	18.49	19.00	4
		12	6	18.42	18.49	18.52	19.00	4
		12	13	18.54	18.49	18.47	19.00	4
		25	0	18.48	18.43	18.56	19.00	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)				700.5	707.5	714.5		
Channel				23025	23095	23165		
3	QPSK	1	0	22.58	22.46	22.49	23.00	0
		1	7	22.39	22.41	22.41	23.00	0
		1	14	22.41	22.48	22.58	23.00	0
		8	0	21.47	21.56	21.40	22.00	1
		8	4	21.39	21.54	21.50	22.00	1
		8	7	21.54	21.54	21.57	22.00	1
		15	0	21.40	21.48	21.52	22.00	1
3	16-QAM	1	0	21.43	21.44	21.49	22.00	1
		1	7	21.48	21.57	21.44	22.00	1
		1	14	21.44	21.55	21.56	22.00	1
		8	0	20.41	20.58	20.48	21.00	2
		8	4	20.55	20.53	20.55	21.00	2
		8	7	20.48	20.54	20.48	21.00	2
		15	0	20.58	20.48	20.57	21.00	2
3	64-QAM	1	0	20.48	20.47	20.47	21.00	2
		1	7	20.39	20.46	20.44	21.00	2
		1	14	20.54	20.43	20.39	21.00	2
		8	0	19.53	19.48	19.58	20.00	3
		8	4	19.53	19.59	19.48	20.00	3
		8	7	19.47	19.56	19.51	20.00	3
		15	0	19.41	19.57	19.41	20.00	3
3	256-QAM	1	0	19.46	19.43	19.46	20.00	3
		1	7	19.58	19.40	19.52	20.00	3
		1	14	19.54	19.49	19.44	20.00	3
		8	0	18.54	18.57	18.58	19.00	4
		8	4	18.58	18.59	18.52	19.00	4
		8	7	18.39	18.42	18.50	19.00	4
		15	0	18.54	18.39	18.53	19.00	4

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台灣檢驗科技股份有限公司

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f (886-2) 2298-0488

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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	22.52	22.50	22.45	23.00	0
		1	2	22.42	22.45	22.50	23.00	0
		1	5	22.42	22.50	22.55	23.00	0
		3	0	21.55	21.58	21.53	23.00	0
		3	2	21.41	21.57	21.42	23.00	0
		3	3	21.51	21.53	21.49	23.00	0
		6	0	21.40	21.52	21.49	22.00	1
1.4	16-QAM	1	0	21.44	21.53	21.51	22.00	1
		1	2	21.52	21.39	21.55	22.00	1
		1	5	21.49	21.52	21.43	22.00	1
		3	0	20.44	20.46	20.55	22.00	1
		3	2	20.51	20.45	20.59	22.00	1
		3	3	20.44	20.47	20.50	22.00	1
		6	0	20.43	20.50	20.40	21.00	2
1.4	64-QAM	1	0	20.54	20.49	20.49	21.00	2
		1	2	20.51	20.56	20.56	21.00	2
		1	5	20.57	20.44	20.45	21.00	2
		3	0	19.50	19.49	19.54	21.00	2
		3	2	19.49	19.47	19.46	21.00	2
		3	3	19.49	19.40	19.51	21.00	2
		6	0	19.56	19.42	19.45	20.00	3
1.4	256-QAM	1	0	19.56	19.44	19.44	20.00	3
		1	2	19.56	19.57	19.53	20.00	3
		1	5	19.47	19.56	19.42	20.00	3
		3	0	18.55	18.49	18.41	20.00	3
		3	2	18.51	18.58	18.46	20.00	3
		3	3	18.55	18.59	18.40	20.00	3
		6	0	18.54	18.54	18.47	19.00	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		21.46		22.00	0
		1	25		21.41		22.00	0
		1	49		21.33		22.00	0
		25	0		20.26		21.00	1
		25	12		20.39		21.00	1
		25	25		20.35		21.00	1
		50	0		20.44		21.00	1
10	16-QAM	1	0		20.43		21.00	1
		1	25		20.36		21.00	1
		1	49		20.29		21.00	1
		25	0		19.30		20.00	2
		25	12		19.32		20.00	2
		25	25		19.30		20.00	2
		50	0		19.42		20.00	2
10	64-QAM	1	0		19.26		20.00	2
		1	25		19.36		20.00	2
		1	49		19.29		20.00	2
		25	0		18.34		19.00	3
		25	12		18.35		19.00	3
		25	25		18.44		19.00	3
		50	0		18.41		19.00	3
10	256-QAM	1	0		18.43		19.00	3
		1	25		18.34		19.00	3
		1	49		18.42		19.00	3
		25	0		17.33		18.00	4
		25	12		17.36		18.00	4
		25	25		17.27		18.00	4
		50	0		17.28		18.00	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	21.37	21.21	21.16	22.00	0
		1	12	21.37	21.17	21.33	22.00	0
		1	24	21.29	21.27	21.32	22.00	0
		12	0	20.44	20.28	20.31	21.00	1
		12	6	20.40	20.16	20.29	21.00	1
		12	13	20.44	20.27	20.20	21.00	1
		25	0	20.43	20.19	20.22	21.00	1
5	16-QAM	1	0	20.36	20.28	20.31	21.00	1
		1	12	20.29	20.15	20.22	21.00	1
		1	24	20.38	20.28	20.21	21.00	1
		12	0	19.31	19.18	19.17	20.00	2
		12	6	19.35	19.25	19.23	20.00	2
		12	13	19.44	19.15	19.25	20.00	2
		25	0	19.39	19.29	19.16	20.00	2
5	64-QAM	1	0	19.28	19.21	19.29	20.00	2
		1	12	19.43	19.32	19.30	20.00	2
		1	24	19.41	19.23	19.21	20.00	2
		12	0	18.25	18.24	18.18	19.00	3
		12	6	18.34	18.21	18.15	19.00	3
		12	13	18.41	18.30	18.30	19.00	3
		25	0	18.35	18.18	18.19	19.00	3
5	256-QAM	1	0	18.31	18.34	18.20	19.00	3
		1	12	18.43	18.22	18.31	19.00	3
		1	24	18.31	18.28	18.31	19.00	3
		12	0	17.28	17.32	17.33	18.00	4
		12	6	17.34	17.34	17.18	18.00	4
		12	13	17.41	17.32	17.16	18.00	4
		25	0	17.28	17.24	17.28	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 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		22.51		23.00	0
		1	25		22.47		23.00	0
		1	49		22.46		23.00	0
		25	0		21.35		22.00	1
		25	12		21.35		22.00	1
		25	25		21.33		22.00	1
		50	0		21.40		22.00	1
10	16-QAM	1	0		21.49		22.00	1
		1	25		21.39		22.00	1
		1	49		21.46		22.00	1
		25	0		20.29		21.00	2
		25	12		20.39		21.00	2
		25	25		20.48		21.00	2
		50	0		20.32		21.00	2
10	64-QAM	1	0		20.37		21.00	2
		1	25		20.31		21.00	2
		1	49		20.46		21.00	2
		25	0		19.46		20.00	3
		25	12		19.45		20.00	3
		25	25		19.48		20.00	3
		50	0		19.36		20.00	3
10	256-QAM	1	0		19.32		20.00	3
		1	25		19.30		20.00	3
		1	49		19.31		20.00	3
		25	0		18.36		19.00	4
		25	12		18.38		19.00	4
		25	25		18.37		19.00	4
		50	0		18.40		19.00	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	22.29	22.32	22.19	23.00	0
		1	12	22.14	22.47	22.27	23.00	0
		1	24	22.27	22.44	22.12	23.00	0
		12	0	21.31	21.45	21.17	22.00	1
		12	6	21.17	21.48	21.17	22.00	1
		12	13	21.24	21.38	21.19	22.00	1
		25	0	21.14	21.39	21.15	22.00	1
5	16-QAM	1	0	21.25	21.39	21.18	22.00	1
		1	12	21.30	21.36	21.24	22.00	1
		1	24	21.30	21.47	21.18	22.00	1
		12	0	20.11	20.47	20.24	21.00	2
		12	6	20.22	20.37	20.23	21.00	2
		12	13	20.22	20.29	20.29	21.00	2
		25	0	20.28	20.42	20.19	21.00	2
5	64-QAM	1	0	20.28	20.48	20.26	21.00	2
		1	12	20.15	20.45	20.29	21.00	2
		1	24	20.13	20.32	20.20	21.00	2
		12	0	19.24	19.34	19.25	20.00	3
		12	6	19.19	19.36	19.27	20.00	3
		12	13	19.26	19.32	19.25	20.00	3
		25	0	19.29	19.44	19.23	20.00	3
5	256-QAM	1	0	19.30	19.41	19.23	20.00	3
		1	12	19.13	19.34	19.28	20.00	3
		1	24	19.31	19.40	19.15	20.00	3
		12	0	18.30	18.34	18.28	19.00	4
		12	6	18.27	18.48	18.18	19.00	4
		12	13	18.22	18.47	18.17	19.00	4
		25	0	18.23	18.42	18.12	19.00	4

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t (886-2) 2299-3279

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	21.64	21.67	21.61	22.00	0
		1	25	21.56	21.55	21.39	22.00	0
		1	49	21.46	21.52	21.48	22.00	0
		25	0	20.57	20.42	20.50	21.00	1
		25	12	20.50	20.58	20.56	21.00	1
		25	25	20.42	20.50	20.57	21.00	1
		50	0	20.57	20.47	20.40	21.00	1
10	16-QAM	1	0	20.40	20.57	20.39	21.00	1
		1	25	20.47	20.47	20.53	21.00	1
		1	49	20.59	20.40	20.45	21.00	1
		25	0	19.43	19.41	19.39	20.00	2
		25	12	19.54	19.51	19.51	20.00	2
		25	25	19.43	19.45	19.45	20.00	2
		50	0	19.56	19.47	19.52	20.00	2
10	64-QAM	1	0	19.57	19.41	19.53	20.00	2
		1	25	19.43	19.51	19.52	20.00	2
		1	49	19.39	19.57	19.41	20.00	2
		25	0	18.46	18.48	18.46	19.00	3
		25	12	18.49	18.59	18.47	19.00	3
		25	25	18.42	18.42	18.55	19.00	3
		50	0	18.57	18.47	18.55	19.00	3
10	256-QAM	1	0	18.51	18.42	18.50	19.00	3
		1	25	18.58	18.56	18.57	19.00	3
		1	49	18.50	18.51	18.52	19.00	3
		25	0	17.59	17.57	17.53	18.00	4
		25	12	17.51	17.57	17.40	18.00	4
		25	25	17.52	17.46	17.51	18.00	4
		50	0	17.51	17.47	17.50	18.00	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	21.49	21.43	21.50	22.00	0
		1	12	21.40	21.48	21.57	22.00	0
		1	24	21.51	21.51	21.57	22.00	0
		12	0	20.53	20.48	20.46	21.00	1
		12	6	20.52	20.54	20.57	21.00	1
		12	13	20.42	20.44	20.50	21.00	1
		25	0	20.47	20.53	20.45	21.00	1
5	16-QAM	1	0	20.43	20.57	20.43	21.00	1
		1	12	20.51	20.49	20.41	21.00	1
		1	24	20.53	20.46	20.55	21.00	1
		12	0	19.46	19.47	19.56	20.00	2
		12	6	19.52	19.57	19.49	20.00	2
		12	13	19.43	19.52	19.59	20.00	2
		25	0	19.51	19.44	19.40	20.00	2
5	64-QAM	1	0	19.54	19.50	19.40	20.00	2
		1	12	19.43	19.50	19.58	20.00	2
		1	24	19.45	19.58	19.49	20.00	2
		12	0	18.42	18.51	18.48	19.00	3
		12	6	18.56	18.44	18.43	19.00	3
		12	13	18.42	18.51	18.51	19.00	3
		25	0	18.53	18.40	18.58	19.00	3
5	256-QAM	1	0	18.48	18.43	18.52	19.00	3
		1	12	18.54	18.47	18.44	19.00	3
		1	24	18.42	18.46	18.47	19.00	3
		12	0	17.50	17.50	17.43	18.00	4
		12	6	17.52	17.56	17.39	18.00	4
		12	13	17.42	17.53	17.57	18.00	4
		25	0	17.54	17.55	17.56	18.00	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	19.99	19.79	19.76	20.00	0
		1	50	19.71	19.70	19.68	20.00	0
		1	99	19.66	19.67	19.67	20.00	0
		50	0	18.63	18.59	18.72	19.00	1
		50	25	18.61	18.64	18.55	19.00	1
		50	50	18.61	18.59	18.68	19.00	1
		100	0	18.67	18.73	18.74	19.00	1
20	16-QAM	1	0	18.68	18.65	18.71	19.00	1
		1	50	18.68	18.54	18.69	19.00	1
		1	99	18.58	18.64	18.69	19.00	1
		50	0	17.71	17.71	17.67	18.00	2
		50	25	17.57	17.67	17.56	18.00	2
		50	50	17.69	17.66	17.62	18.00	2
		100	0	17.55	17.62	17.68	18.00	2
20	64-QAM	1	0	17.72	17.69	17.68	18.00	2
		1	50	17.67	17.68	17.56	18.00	2
		1	99	17.62	17.59	17.60	18.00	2
		50	0	16.65	16.55	16.70	17.00	3
		50	25	16.64	16.70	16.66	17.00	3
		50	50	16.64	16.62	16.59	17.00	3
		100	0	16.55	16.64	16.66	17.00	3
20	256-QAM	1	0	16.67	16.63	16.74	17.00	3
		1	50	16.69	16.66	16.68	17.00	3
		1	99	16.64	16.55	16.58	17.00	3
		50	0	15.63	15.73	15.64	16.00	4
		50	25	15.71	15.57	15.59	16.00	4
		50	50	15.68	15.56	15.74	16.00	4
		100	0	15.58	15.63	15.62	16.00	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	19.67	19.61	19.61	20.00	0
		1	36	19.69	19.57	19.63	20.00	0
		1	74	19.67	19.64	19.69	20.00	0
		36	0	18.54	18.61	18.68	19.00	1
		36	18	18.54	18.62	18.55	19.00	1
		36	37	18.55	18.73	18.68	19.00	1
		75	0	18.56	18.62	18.56	19.00	1
15	16-QAM	1	0	18.58	18.60	18.69	19.00	1
		1	36	18.65	18.62	18.56	19.00	1
		1	74	18.69	18.57	18.66	19.00	1
		36	0	17.67	17.69	17.69	18.00	2
		36	18	17.71	17.73	17.58	18.00	2
		36	37	17.55	17.63	17.58	18.00	2
		75	0	17.71	17.62	17.61	18.00	2
15	64-QAM	1	0	17.66	17.56	17.72	18.00	2
		1	36	17.66	17.74	17.65	18.00	2
		1	74	17.70	17.65	17.59	18.00	2
		36	0	16.56	16.68	16.67	17.00	3
		36	18	16.58	16.63	16.73	17.00	3
		36	37	16.67	16.61	16.71	17.00	3
		75	0	16.54	16.60	16.69	17.00	3
15	256-QAM	1	0	16.58	16.57	16.57	17.00	3
		1	36	16.74	16.72	16.67	17.00	3
		1	74	16.62	16.58	16.57	17.00	3
		36	0	15.58	15.62	15.55	16.00	4
		36	18	15.73	15.69	15.73	16.00	4
		36	37	15.67	15.61	15.55	16.00	4
		75	0	15.58	15.58	15.55	16.00	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	19.57	19.73	19.60	20.00	0
		1	25	19.60	19.68	19.56	20.00	0
		1	49	19.60	19.65	19.69	20.00	0
		25	0	18.59	18.61	18.61	19.00	1
		25	12	18.72	18.66	18.69	19.00	1
		25	25	18.67	18.71	18.62	19.00	1
		50	0	18.62	18.56	18.71	19.00	1
10	16-QAM	1	0	18.73	18.64	18.64	19.00	1
		1	25	18.63	18.64	18.56	19.00	1
		1	49	18.70	18.58	18.73	19.00	1
		25	0	17.57	17.74	17.63	18.00	2
		25	12	17.68	17.54	17.68	18.00	2
		25	25	17.56	17.61	17.59	18.00	2
		50	0	17.68	17.56	17.74	18.00	2
10	64-QAM	1	0	17.61	17.68	17.58	18.00	2
		1	25	17.64	17.72	17.67	18.00	2
		1	49	17.65	17.63	17.68	18.00	2
		25	0	16.71	16.59	16.55	17.00	3
		25	12	16.74	16.62	16.58	17.00	3
		25	25	16.56	16.61	16.56	17.00	3
		50	0	16.59	16.71	16.60	17.00	3
10	256-QAM	1	0	16.61	16.66	16.72	17.00	3
		1	25	16.69	16.64	16.73	17.00	3
		1	49	16.72	16.56	16.68	17.00	3
		25	0	15.65	15.69	15.59	16.00	4
		25	12	15.61	15.56	15.69	16.00	4
		25	25	15.57	15.58	15.57	16.00	4
		50	0	15.57	15.61	15.72	16.00	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)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	19.70	19.69	19.62	20.00	0
		1	12	19.71	19.55	19.63	20.00	0
		1	24	19.57	19.72	19.72	20.00	0
		12	0	18.71	18.55	18.62	19.00	1
		12	6	18.64	18.70	18.55	19.00	1
		12	13	18.63	18.65	18.67	19.00	1
		25	0	18.71	18.69	18.73	19.00	1
5	16-QAM	1	0	18.63	18.66	18.66	19.00	1
		1	12	18.63	18.73	18.73	19.00	1
		1	24	18.70	18.55	18.69	19.00	1
		12	0	17.70	17.73	17.68	18.00	2
		12	6	17.63	17.73	17.65	18.00	2
		12	13	17.73	17.69	17.68	18.00	2
		25	0	17.71	17.65	17.57	18.00	2
5	64-QAM	1	0	17.73	17.56	17.61	18.00	2
		1	12	17.70	17.56	17.55	18.00	2
		1	24	17.56	17.56	17.56	18.00	2
		12	0	16.71	16.67	16.62	17.00	3
		12	6	16.61	16.66	16.62	17.00	3
		12	13	16.68	16.73	16.56	17.00	3
		25	0	16.71	16.56	16.69	17.00	3
5	256-QAM	1	0	16.59	16.72	16.57	17.00	3
		1	12	16.65	16.74	16.71	17.00	3
		1	24	16.56	16.72	16.55	17.00	3
		12	0	15.73	15.55	15.70	16.00	4
		12	6	15.64	15.63	15.69	16.00	4
		12	13	15.57	15.59	15.65	16.00	4
		25	0	15.67	15.58	15.68	16.00	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	19.60	19.61	19.73	20.00	0
		1	7	19.67	19.57	19.63	20.00	0
		1	14	19.71	19.63	19.63	20.00	0
		8	0	18.61	18.60	18.61	19.00	1
		8	4	18.62	18.59	18.54	19.00	1
		8	7	18.66	18.60	18.70	19.00	1
		15	0	18.69	18.61	18.58	19.00	1
3	16-QAM	1	0	18.57	18.68	18.74	19.00	1
		1	7	18.70	18.70	18.70	19.00	1
		1	14	18.59	18.60	18.56	19.00	1
		8	0	17.64	17.61	17.58	18.00	2
		8	4	17.74	17.55	17.58	18.00	2
		8	7	17.61	17.74	17.57	18.00	2
		15	0	17.64	17.54	17.55	18.00	2
3	64-QAM	1	0	17.54	17.56	17.66	18.00	2
		1	7	17.73	17.59	17.72	18.00	2
		1	14	17.68	17.61	17.55	18.00	2
		8	0	16.55	16.60	16.62	17.00	3
		8	4	16.63	16.56	16.73	17.00	3
		8	7	16.71	16.69	16.73	17.00	3
		15	0	16.56	16.58	16.58	17.00	3
3	256-QAM	1	0	16.72	16.73	16.57	17.00	3
		1	7	16.71	16.56	16.59	17.00	3
		1	14	16.62	16.72	16.60	17.00	3
		8	0	15.56	15.62	15.59	16.00	4
		8	4	15.72	15.56	15.58	16.00	4
		8	7	15.57	15.59	15.57	16.00	4
		15	0	15.56	15.73	15.61	16.00	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)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	19.68	19.70	19.54	20.00	0
		1	2	19.63	19.67	19.62	20.00	0
		1	5	19.73	19.61	19.62	20.00	0
		3	0	18.67	18.62	18.69	20.00	0
		3	2	18.57	18.64	18.70	20.00	0
		3	3	18.57	18.68	18.56	20.00	0
		6	0	18.63	18.57	18.63	19.00	1
1.4	16-QAM	1	0	18.55	18.65	18.59	19.00	1
		1	2	18.65	18.55	18.55	19.00	1
		1	5	18.56	18.72	18.60	19.00	1
		3	0	17.60	17.59	17.62	19.00	1
		3	2	17.57	17.74	17.70	19.00	1
		3	3	17.74	17.63	17.54	19.00	1
		6	0	17.74	17.56	17.70	18.00	2
1.4	64-QAM	1	0	17.65	17.61	17.73	18.00	2
		1	2	17.54	17.59	17.61	18.00	2
		1	5	17.62	17.57	17.66	18.00	2
		3	0	16.74	16.58	16.72	18.00	2
		3	2	16.60	16.72	16.72	18.00	2
		3	3	16.60	16.68	16.55	18.00	2
		6	0	16.62	16.55	16.69	17.00	3
1.4	256-QAM	1	0	16.60	16.55	16.67	17.00	3
		1	2	16.62	16.58	16.69	17.00	3
		1	5	16.61	16.69	16.73	17.00	3
		3	0	15.56	15.71	15.73	17.00	3
		3	2	15.69	15.57	15.56	17.00	3
		3	3	15.71	15.55	15.60	17.00	3
		6	0	15.64	15.67	15.65	16.00	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)				821.5	831.5	841.5		
Channel				26765	26865	26965		
15	QPSK	1	0	22.55	22.45	22.38	23.00	0
		1	36	22.35	22.19	22.26	23.00	0
		1	74	22.21	22.17	22.31	23.00	0
		36	0	21.35	21.35	21.34	22.00	1
		36	18	21.26	21.28	21.19	22.00	1
		36	37	21.29	21.30	21.24	22.00	1
		75	0	21.27	21.29	21.34	22.00	1
15	16-QAM	1	0	21.27	21.31	21.32	22.00	1
		1	36	21.20	21.32	21.18	22.00	1
		1	74	21.25	21.32	21.19	22.00	1
		36	0	20.22	20.33	20.26	21.00	2
		36	18	20.28	20.33	20.20	21.00	2
		36	37	20.19	20.16	20.28	21.00	2
		75	0	20.24	20.28	20.30	21.00	2
15	64-QAM	1	0	20.17	20.36	20.32	21.00	2
		1	36	20.36	20.25	20.36	21.00	2
		1	74	20.34	20.27	20.22	21.00	2
		36	0	19.25	19.18	19.30	20.00	3
		36	18	19.33	19.36	19.36	20.00	3
		36	37	19.29	19.31	19.34	20.00	3
		75	0	19.28	19.31	19.21	20.00	3
15	256-QAM	1	0	19.31	19.28	19.36	20.00	3
		1	36	19.29	19.19	19.17	20.00	3
		1	74	19.30	19.32	19.24	20.00	3
		36	0	18.28	18.17	18.25	19.00	4
		36	18	18.21	18.25	18.17	19.00	4
		36	37	18.28	18.27	18.25	19.00	4
		75	0	18.21	18.34	18.31	19.00	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)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	22.34	22.30	22.31	23.00	0
		1	25	22.35	22.25	22.35	23.00	0
		1	49	22.27	22.21	22.23	23.00	0
		25	0	21.29	21.19	21.28	22.00	1
		25	12	21.34	21.26	21.28	22.00	1
		25	25	21.21	21.20	21.19	22.00	1
		50	0	21.17	21.34	21.22	22.00	1
10	16-QAM	1	0	21.20	21.28	21.30	22.00	1
		1	25	21.19	21.33	21.34	22.00	1
		1	49	21.26	21.35	21.27	22.00	1
		25	0	20.34	20.33	20.24	21.00	2
		25	12	20.27	20.24	20.21	21.00	2
		25	25	20.31	20.29	20.22	21.00	2
		50	0	20.35	20.22	20.20	21.00	2
10	64-QAM	1	0	20.30	20.20	20.24	21.00	2
		1	25	20.30	20.20	20.28	21.00	2
		1	49	20.23	20.25	20.27	21.00	2
		25	0	19.28	19.30	19.34	20.00	3
		25	12	19.19	19.32	19.31	20.00	3
		25	25	19.18	19.28	19.34	20.00	3
		50	0	19.35	19.28	19.21	20.00	3
10	256-QAM	1	0	19.24	19.22	19.20	20.00	3
		1	25	19.35	19.19	19.17	20.00	3
		1	49	19.35	19.17	19.31	20.00	3
		25	0	18.31	18.31	18.23	19.00	4
		25	12	18.33	18.30	18.18	19.00	4
		25	25	18.19	18.31	18.25	19.00	4
		50	0	18.21	18.18	18.30	19.00	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	22.34	22.22	22.16	23.00	0
		1	12	22.21	22.30	22.17	23.00	0
		1	24	22.36	22.20	22.22	23.00	0
		12	0	21.21	21.23	21.29	22.00	1
		12	6	21.24	21.16	21.18	22.00	1
		12	13	21.22	21.31	21.30	22.00	1
		25	0	21.34	21.22	21.26	22.00	1
5	16-QAM	1	0	21.25	21.20	21.24	22.00	1
		1	12	21.24	21.19	21.29	22.00	1
		1	24	21.31	21.19	21.32	22.00	1
		12	0	20.22	20.27	20.25	21.00	2
		12	6	20.21	20.33	20.34	21.00	2
		12	13	20.16	20.30	20.20	21.00	2
		25	0	20.29	20.26	20.36	21.00	2
5	64-QAM	1	0	20.32	20.20	20.23	21.00	2
		1	12	20.34	20.18	20.22	21.00	2
		1	24	20.32	20.21	20.18	21.00	2
		12	0	19.18	19.21	19.31	20.00	3
		12	6	19.30	19.33	19.33	20.00	3
		12	13	19.23	19.19	19.31	20.00	3
		25	0	19.34	19.24	19.30	20.00	3
5	256-QAM	1	0	19.25	19.28	19.31	20.00	3
		1	12	19.19	19.33	19.19	20.00	3
		1	24	19.17	19.18	19.19	20.00	3
		12	0	18.24	18.27	18.22	19.00	4
		12	6	18.16	18.19	18.19	19.00	4
		12	13	18.28	18.20	18.32	19.00	4
		25	0	18.31	18.31	18.26	19.00	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)				815.5	831.5	847.5		
Channel				26705	26865	27025		
3	QPSK	1	0	22.28	22.35	22.23	23.00	0
		1	7	22.26	22.21	22.32	23.00	0
		1	14	22.25	22.19	22.23	23.00	0
		8	0	21.27	21.25	21.24	22.00	1
		8	4	21.25	21.29	21.31	22.00	1
		8	7	21.27	21.33	21.17	22.00	1
		15	0	21.18	21.35	21.21	22.00	1
3	16-QAM	1	0	21.30	21.35	21.35	22.00	1
		1	7	21.20	21.28	21.31	22.00	1
		1	14	21.24	21.34	21.35	22.00	1
		8	0	20.26	20.35	20.32	21.00	2
		8	4	20.32	20.29	20.27	21.00	2
		8	7	20.30	20.24	20.16	21.00	2
		15	0	20.26	20.24	20.17	21.00	2
3	64-QAM	1	0	20.22	20.34	20.16	21.00	2
		1	7	20.20	20.25	20.30	21.00	2
		1	14	20.28	20.18	20.25	21.00	2
		8	0	19.25	19.27	19.31	20.00	3
		8	4	19.28	19.33	19.17	20.00	3
		8	7	19.23	19.27	19.24	20.00	3
		15	0	19.32	19.19	19.29	20.00	3
3	256-QAM	1	0	19.19	19.33	19.23	20.00	3
		1	7	19.34	19.27	19.28	20.00	3
		1	14	19.26	19.28	19.20	20.00	3
		8	0	18.31	18.27	18.26	19.00	4
		8	4	18.30	18.24	18.32	19.00	4
		8	7	18.28	18.17	18.31	19.00	4
		15	0	18.35	18.29	18.32	19.00	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)				814.7	831.5	848.3		
Channel				26697	26865	27033		
1.4	QPSK	1	0	22.28	22.29	22.25	23.00	0
		1	2	22.30	22.18	22.34	23.00	0
		1	5	22.34	22.20	22.35	23.00	0
		3	0	21.26	21.17	21.27	23.00	0
		3	2	21.22	21.24	21.31	23.00	0
		3	3	21.17	21.18	21.19	23.00	0
		6	0	21.34	21.20	21.25	22.00	1
1.4	16-QAM	1	0	21.20	21.29	21.19	22.00	1
		1	2	21.22	21.30	21.22	22.00	1
		1	5	21.16	21.22	21.27	22.00	1
		3	0	20.29	20.30	20.24	22.00	1
		3	2	20.25	20.26	20.21	22.00	1
		3	3	20.19	20.30	20.32	22.00	1
		6	0	20.29	20.20	20.19	21.00	2
1.4	64-QAM	1	0	20.23	20.28	20.18	21.00	2
		1	2	20.32	20.28	20.26	21.00	2
		1	5	20.30	20.36	20.23	21.00	2
		3	0	19.35	19.22	19.29	21.00	2
		3	2	19.33	19.17	19.33	21.00	2
		3	3	19.24	19.30	19.27	21.00	2
		6	0	19.24	19.24	19.25	20.00	3
1.4	256-QAM	1	0	19.34	19.17	19.26	20.00	3
		1	2	19.22	19.33	19.17	20.00	3
		1	5	19.27	19.26	19.31	20.00	3
		3	0	18.29	18.35	18.27	20.00	3
		3	2	18.34	18.26	18.35	20.00	3
		3	3	18.23	18.29	18.19	20.00	3
		6	0	18.29	18.21	18.29	19.00	4

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t (886-2) 2299-3279

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		20.32		20.98	0
		1	25		20.14		20.98	0
		1	49		20.22		20.98	0
		25	0		19.25		19.98	1
		25	12		19.23		19.98	1
		25	25		19.15		19.98	1
		50	0		19.29		19.98	1
10	16-QAM	1	0		19.13		19.98	1
		1	25		19.24		19.98	1
		1	49		19.26		19.98	1
		25	0		18.11		18.98	2
		25	12		18.28		18.98	2
		25	25		18.19		18.98	2
		50	0		18.17		18.98	2
10	64-QAM	1	0		18.18		18.98	2
		1	25		18.28		18.98	2
		1	49		18.12		18.98	2
		25	0		17.11		17.98	3
		25	12		17.17		17.98	3
		25	25		17.29		17.98	3
		50	0		17.12		17.98	3
10	256-QAM	1	0		17.28		17.98	3
		1	25		17.30		17.98	3
		1	49		17.14		17.98	3
		25	0		16.28		16.98	4
		25	12		16.27		16.98	4
		25	25		16.30		16.98	4
		50	0		16.12		16.98	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	20.21	20.17	20.17	20.98	0
		1	12	20.17	20.15	20.02	20.98	0
		1	24	20.15	20.07	20.13	20.98	0
		12	0	19.12	19.04	19.14	19.98	1
		12	6	19.26	19.04	19.16	19.98	1
		12	13	19.29	19.07	19.06	19.98	1
		25	0	19.21	19.09	19.05	19.98	1
5	16-QAM	1	0	19.13	19.15	19.18	19.98	1
		1	12	19.11	19.18	19.03	19.98	1
		1	24	19.14	19.15	19.14	19.98	1
		12	0	18.22	18.19	18.15	18.98	2
		12	6	18.20	18.06	17.99	18.98	2
		12	13	18.20	18.17	18.12	18.98	2
		25	0	18.12	18.05	18.18	18.98	2
5	64-QAM	1	0	18.26	18.08	17.99	18.98	2
		1	12	18.24	18.06	18.11	18.98	2
		1	24	18.24	18.08	18.10	18.98	2
		12	0	17.17	17.10	17.10	17.98	3
		12	6	17.27	17.16	17.09	17.98	3
		12	13	17.18	17.01	17.00	17.98	3
		25	0	17.11	17.14	17.16	17.98	3
5	256-QAM	1	0	17.20	17.01	17.01	17.98	3
		1	12	17.25	17.18	17.07	17.98	3
		1	24	17.25	16.99	17.08	17.98	3
		12	0	16.25	16.00	16.02	16.98	4
		12	6	16.12	16.09	16.17	16.98	4
		12	13	16.26	16.16	16.00	16.98	4
		25	0	16.14	16.15	16.03	16.98	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)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	19.37	19.51	19.38	20.00	0
		1	50	19.29	19.21	19.21	20.00	0
		1	99	19.16	19.29	19.29	20.00	0
		50	0	18.16	18.34	18.19	19.00	1
		50	25	18.19	18.23	18.22	19.00	1
		50	50	18.27	18.18	18.24	19.00	1
		100	0	18.28	18.33	18.19	19.00	1
20	16-QAM	1	0	18.23	18.28	18.34	19.00	1
		1	50	18.30	18.23	18.29	19.00	1
		1	99	18.25	18.33	18.19	19.00	1
		50	0	17.29	17.18	17.27	18.00	2
		50	25	17.33	17.28	17.27	18.00	2
		50	50	17.33	17.26	17.18	18.00	2
		100	0	17.32	17.32	17.29	18.00	2
20	64-QAM	1	0	17.26	17.19	17.25	18.00	2
		1	50	17.33	17.34	17.31	18.00	2
		1	99	17.24	17.19	17.28	18.00	2
		50	0	16.19	16.32	16.20	17.00	3
		50	25	16.32	16.30	16.35	17.00	3
		50	50	16.32	16.25	16.27	17.00	3
		100	0	16.27	16.29	16.21	17.00	3
20	256-QAM	1	0	16.32	16.21	16.20	17.00	3
		1	50	16.23	16.33	16.29	17.00	3
		1	99	16.23	16.32	16.20	17.00	3
		50	0	15.33	15.16	15.32	16.00	4
		50	25	15.30	15.21	15.20	16.00	4
		50	50	15.35	15.16	15.18	16.00	4
		100	0	15.33	15.20	15.26	16.00	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)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	19.18	19.33	19.26	20.00	0
		1	36	19.28	19.28	19.35	20.00	0
		1	74	19.33	19.21	19.31	20.00	0
		36	0	18.30	18.32	18.35	19.00	1
		36	18	18.19	18.19	18.34	19.00	1
		36	37	18.18	18.29	18.29	19.00	1
		75	0	18.28	18.20	18.20	19.00	1
15	16-QAM	1	0	18.23	18.29	18.33	19.00	1
		1	36	18.19	18.21	18.29	19.00	1
		1	74	18.31	18.29	18.21	19.00	1
		36	0	17.30	17.32	17.18	18.00	2
		36	18	17.20	17.19	17.20	18.00	2
		36	37	17.35	17.32	17.34	18.00	2
		75	0	17.31	17.33	17.23	18.00	2
15	64-QAM	1	0	17.18	17.31	17.35	18.00	2
		1	36	17.22	17.24	17.23	18.00	2
		1	74	17.34	17.20	17.32	18.00	2
		36	0	16.26	16.22	16.21	17.00	3
		36	18	16.29	16.36	16.33	17.00	3
		36	37	16.36	16.30	16.17	17.00	3
		75	0	16.36	16.24	16.29	17.00	3
15	256-QAM	1	0	16.28	16.19	16.30	17.00	3
		1	36	16.25	16.20	16.21	17.00	3
		1	74	16.34	16.24	16.30	17.00	3
		36	0	15.33	15.20	15.31	16.00	4
		36	18	15.26	15.22	15.28	16.00	4
		36	37	15.28	15.18	15.28	16.00	4
		75	0	15.18	15.23	15.35	16.00	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 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	19.20	19.32	19.31	20.00	0
		1	25	19.25	19.20	19.23	20.00	0
		1	49	19.36	19.26	19.26	20.00	0
		25	0	18.19	18.24	18.28	19.00	1
		25	12	18.16	18.29	18.31	19.00	1
		25	25	18.17	18.27	18.27	19.00	1
		50	0	18.30	18.17	18.30	19.00	1
10	16-QAM	1	0	18.31	18.30	18.28	19.00	1
		1	25	18.20	18.34	18.31	19.00	1
		1	49	18.17	18.34	18.31	19.00	1
		25	0	17.25	17.17	17.31	18.00	2
		25	12	17.29	17.31	17.32	18.00	2
		25	25	17.29	17.27	17.28	18.00	2
		50	0	17.33	17.36	17.19	18.00	2
10	64-QAM	1	0	17.32	17.20	17.33	18.00	2
		1	25	17.29	17.23	17.29	18.00	2
		1	49	17.19	17.27	17.25	18.00	2
		25	0	16.28	16.30	16.34	17.00	3
		25	12	16.19	16.21	16.21	17.00	3
		25	25	16.32	16.33	16.25	17.00	3
		50	0	16.20	16.31	16.28	17.00	3
10	256-QAM	1	0	16.19	16.25	16.32	17.00	3
		1	25	16.29	16.28	16.35	17.00	3
		1	49	16.36	16.27	16.17	17.00	3
		25	0	15.32	15.25	15.26	16.00	4
		25	12	15.28	15.21	15.24	16.00	4
		25	25	15.18	15.22	15.17	16.00	4
		50	0	15.19	15.34	15.26	16.00	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	19.25	19.29	19.17	20.00	0
		1	12	19.17	19.19	19.29	20.00	0
		1	24	19.17	19.18	19.32	20.00	0
		12	0	18.35	18.34	18.26	19.00	1
		12	6	18.25	18.17	18.34	19.00	1
		12	13	18.22	18.31	18.22	19.00	1
		25	0	18.21	18.19	18.17	19.00	1
5	16-QAM	1	0	18.25	18.22	18.20	19.00	1
		1	12	18.33	18.23	18.24	19.00	1
		1	24	18.25	18.36	18.23	19.00	1
		12	0	17.28	17.25	17.27	18.00	2
		12	6	17.36	17.25	17.23	18.00	2
		12	13	17.33	17.19	17.18	18.00	2
		25	0	17.25	17.21	17.31	18.00	2
5	64-QAM	1	0	17.34	17.27	17.18	18.00	2
		1	12	17.19	17.19	17.22	18.00	2
		1	24	17.23	17.18	17.29	18.00	2
		12	0	16.33	16.23	16.17	17.00	3
		12	6	16.21	16.35	16.22	17.00	3
		12	13	16.33	16.34	16.27	17.00	3
		25	0	16.27	16.26	16.26	17.00	3
5	256-QAM	1	0	16.28	16.30	16.19	17.00	3
		1	12	16.35	16.32	16.32	17.00	3
		1	24	16.28	16.36	16.21	17.00	3
		12	0	15.26	15.19	15.33	16.00	4
		12	6	15.19	15.19	15.30	16.00	4
		12	13	15.33	15.21	15.32	16.00	4
		25	0	15.18	15.27	15.33	16.00	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)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	19.17	19.28	19.20	20.00	0
		1	7	19.29	19.18	19.32	20.00	0
		1	14	19.20	19.34	19.34	20.00	0
		8	0	18.23	18.35	18.27	19.00	1
		8	4	18.23	18.22	18.34	19.00	1
		8	7	18.30	18.36	18.18	19.00	1
		15	0	18.30	18.29	18.34	19.00	1
3	16-QAM	1	0	18.26	18.23	18.26	19.00	1
		1	7	18.26	18.17	18.36	19.00	1
		1	14	18.25	18.33	18.20	19.00	1
		8	0	17.35	17.32	17.19	18.00	2
		8	4	17.25	17.28	17.26	18.00	2
		8	7	17.35	17.27	17.19	18.00	2
		15	0	17.23	17.26	17.20	18.00	2
3	64-QAM	1	0	17.32	17.28	17.29	18.00	2
		1	7	17.22	17.20	17.19	18.00	2
		1	14	17.32	17.20	17.22	18.00	2
		8	0	16.17	16.29	16.22	17.00	3
		8	4	16.35	16.25	16.34	17.00	3
		8	7	16.35	16.20	16.30	17.00	3
		15	0	16.31	16.32	16.20	17.00	3
3	256-QAM	1	0	16.22	16.36	16.25	17.00	3
		1	7	16.32	16.20	16.23	17.00	3
		1	14	16.21	16.19	16.26	17.00	3
		8	0	15.32	15.20	15.30	16.00	4
		8	4	15.28	15.21	15.25	16.00	4
		8	7	15.35	15.26	15.27	16.00	4
		15	0	15.30	15.22	15.30	16.00	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)				1710.7	1745	1779.3		
Channel				131979	132322	132665		
1.4	QPSK	1	0	19.24	19.18	19.22	20.00	0
		1	2	19.29	19.26	19.30	20.00	0
		1	5	19.34	19.32	19.22	20.00	0
		3	0	18.19	18.22	18.29	20.00	0
		3	2	18.17	18.30	18.35	20.00	0
		3	3	18.19	18.27	18.19	20.00	0
		6	0	18.25	18.19	18.25	19.00	1
1.4	16-QAM	1	0	18.30	18.35	18.34	19.00	1
		1	2	18.23	18.34	18.20	19.00	1
		1	5	18.26	18.34	18.17	19.00	1
		3	0	17.26	17.31	17.18	19.00	1
		3	2	17.27	17.22	17.22	19.00	1
		3	3	17.33	17.19	17.17	19.00	1
		6	0	17.32	17.32	17.23	18.00	2
1.4	64-QAM	1	0	17.22	17.27	17.27	18.00	2
		1	2	17.25	17.31	17.19	18.00	2
		1	5	17.32	17.23	17.23	18.00	2
		3	0	16.32	16.17	16.35	18.00	2
		3	2	16.28	16.24	16.29	18.00	2
		3	3	16.35	16.20	16.21	18.00	2
		6	0	16.32	16.32	16.29	17.00	3
1.4	256-QAM	1	0	16.19	16.36	16.30	17.00	3
		1	2	16.35	16.26	16.33	17.00	3
		1	5	16.28	16.22	16.30	17.00	3
		3	0	15.20	15.29	15.26	17.00	3
		3	2	15.25	15.29	15.27	17.00	3
		3	3	15.21	15.23	15.21	17.00	3
		6	0	15.36	15.27	15.24	16.00	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		19.13		20.00	0
		1	50		19.10		20.00	0
		1	99		18.95		20.00	0
		50	0		18.02		19.00	1
		50	25		17.99		19.00	1
		50	50		18.08		19.00	1
		100	0		18.08		19.00	1
15	16-QAM	1	0		18.06		19.00	1
		1	50		18.07		19.00	1
		1	99		18.08		19.00	1
		50	0		16.91		18.00	2
		50	25		16.93		18.00	2
		50	50		17.02		18.00	2
		100	0		17.04		18.00	2
15	64-QAM	1	0		17.07		18.00	2
		1	50		17.05		18.00	2
		1	99		16.95		18.00	2
		50	0		15.97		17.00	3
		50	25		15.99		17.00	3
		50	50		15.92		17.00	3
		100	0		16.03		17.00	3
15	256-QAM	1	0		16.09		17.00	3
		1	50		15.97		17.00	3
		1	99		16.03		17.00	3
		50	0		14.97		16.00	4
		50	25		15.06		16.00	4
		50	50		14.96		16.00	4
		100	0		14.94		16.00	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	1705	1715		
Channel				131122	131172	131272		
10	QPSK	1	0	18.96	19.04	18.87	20.00	0
		1	36	18.98	18.99	18.97	20.00	0
		1	74	18.87	18.93	18.90	20.00	0
		36	0	17.88	18.03	18.03	19.00	1
		36	18	17.88	17.93	17.86	19.00	1
		36	37	17.92	18.09	17.88	19.00	1
		75	0	17.90	18.09	17.87	19.00	1
10	16-QAM	1	0	17.92	18.07	17.94	19.00	1
		1	36	17.89	17.98	18.00	19.00	1
		1	74	17.94	18.08	17.86	19.00	1
		36	0	16.97	17.01	16.96	18.00	2
		36	18	17.04	17.00	16.93	18.00	2
		36	37	16.88	17.06	16.91	18.00	2
		75	0	17.00	17.05	16.98	18.00	2
10	64-QAM	1	0	16.88	16.97	16.97	18.00	2
		1	36	17.01	16.97	17.03	18.00	2
		1	74	16.86	17.09	17.01	18.00	2
		36	0	15.97	16.08	15.87	17.00	3
		36	18	15.92	16.03	15.91	17.00	3
		36	37	15.97	15.94	15.93	17.00	3
		75	0	16.03	16.03	15.87	17.00	3
10	256-QAM	1	0	15.86	16.01	15.88	17.00	3
		1	36	15.99	16.07	15.90	17.00	3
		1	74	15.92	15.93	15.89	17.00	3
		36	0	15.01	14.95	14.86	16.00	4
		36	18	14.91	15.00	15.00	16.00	4
		36	37	14.91	15.02	14.89	16.00	4
		75	0	14.97	15.02	14.86	16.00	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)				1697.5	1702.5	1707.5		
Channel				132972	133022	133072		
5	QPSK	1	0	18.94	19.03	19.04	20.00	0
		1	25	19.00	19.10	18.98	20.00	0
		1	49	19.00	19.11	18.88	20.00	0
		25	0	17.85	17.94	17.93	19.00	1
		25	12	17.97	18.00	18.02	19.00	1
		25	25	17.95	18.03	17.88	19.00	1
		50	0	17.92	18.01	17.85	19.00	1
5	16-QAM	1	0	17.85	17.97	18.01	19.00	1
		1	25	18.03	18.08	17.99	19.00	1
		1	49	17.92	18.11	18.02	19.00	1
		25	0	16.85	16.99	16.87	18.00	2
		25	12	16.90	17.08	16.84	18.00	2
		25	25	16.85	16.92	16.91	18.00	2
		50	0	16.97	17.09	16.91	18.00	2
5	64-QAM	1	0	16.85	17.04	17.00	18.00	2
		1	25	16.95	16.98	16.87	18.00	2
		1	49	17.01	17.05	16.91	18.00	2
		25	0	15.96	16.04	15.89	17.00	3
		25	12	15.99	16.01	15.89	17.00	3
		25	25	15.90	15.97	15.92	17.00	3
		50	0	15.96	15.96	15.87	17.00	3
5	256-QAM	1	0	15.84	15.92	15.92	17.00	3
		1	25	15.89	16.04	15.85	17.00	3
		1	49	15.84	15.93	16.01	17.00	3
		25	0	14.99	15.05	14.95	16.00	4
		25	12	14.93	14.99	14.91	16.00	4
		25	25	14.86	15.05	15.00	16.00	4
		50	0	14.96	14.96	14.88	16.00	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)				1696.5	1702.5	1708.5		
Channel				132972	133032	133092		
3	QPSK	1	0	19.00	18.94	18.91	20.00	0
		1	12	18.85	18.94	18.92	20.00	0
		1	24	18.90	19.01	18.88	20.00	0
		12	0	17.90	18.11	18.01	19.00	1
		12	6	17.88	17.95	17.91	19.00	1
		12	13	17.88	18.11	17.95	19.00	1
		25	0	17.97	18.09	17.92	19.00	1
3	16-QAM	1	0	17.99	17.99	17.85	19.00	1
		1	12	17.93	18.01	17.97	19.00	1
		1	24	17.88	17.95	17.86	19.00	1
		12	0	16.92	17.05	16.87	18.00	2
		12	6	16.96	17.08	17.01	18.00	2
		12	13	16.98	17.08	16.95	18.00	2
		25	0	16.93	17.10	16.84	18.00	2
3	64-QAM	1	0	16.91	16.94	16.84	18.00	2
		1	12	17.02	16.96	16.98	18.00	2
		1	24	17.02	17.02	16.86	18.00	2
		12	0	16.02	16.04	16.03	17.00	3
		12	6	15.84	15.94	15.95	17.00	3
		12	13	15.91	16.07	16.02	17.00	3
		25	0	15.94	15.98	16.00	17.00	3
3	256-QAM	1	0	15.90	15.91	15.92	17.00	3
		1	12	15.88	16.08	15.89	17.00	3
		1	24	15.98	16.03	15.95	17.00	3
		12	0	14.97	14.94	14.92	16.00	4
		12	6	14.96	15.07	14.98	16.00	4
		12	13	14.90	14.95	15.03	16.00	4
		25	0	15.01	15.00	15.02	16.00	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)				1695.7	1702.7	1708.3		
Channel				132972	133122	133242		
1.4	QPSK	1	0	19.02	19.07	18.95	20.00	0
		1	7	19.04	18.97	18.87	20.00	0
		1	14	18.91	19.06	19.03	20.00	0
		8	0	17.96	18.04	17.89	19.00	1
		8	4	17.87	18.00	17.87	19.00	1
		8	7	17.97	18.09	17.90	19.00	1
		15	0	18.04	17.94	17.91	19.00	1
1.4	16-QAM	1	0	17.98	17.94	17.93	19.00	1
		1	7	17.93	18.10	17.95	19.00	1
		1	14	17.85	18.09	17.88	19.00	1
		8	0	16.90	16.93	16.94	18.00	2
		8	4	16.93	17.01	16.96	18.00	2
		8	7	16.92	17.01	16.90	18.00	2
		15	0	16.94	16.94	16.96	18.00	2
1.4	64-QAM	1	0	17.03	16.98	16.98	18.00	2
		1	7	16.95	17.07	16.89	18.00	2
		1	14	17.03	16.94	16.84	18.00	2
		8	0	15.87	16.06	16.00	17.00	3
		8	4	15.84	16.07	15.87	17.00	3
		8	7	15.94	16.04	15.88	17.00	3
		15	0	15.95	16.01	15.95	17.00	3
1.4	256-QAM	1	0	15.90	15.92	16.01	17.00	3
		1	7	15.93	16.05	15.94	17.00	3
		1	14	15.97	15.94	15.86	17.00	3
		8	0	14.84	15.03	14.88	16.00	4
		8	4	14.99	15.07	14.89	16.00	4
		8	7	14.94	15.00	14.84	16.00	4
		15	0	14.90	15.10	14.86	16.00	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	22.77	22.67	22.80	23.00	0
		1	50	22.49	22.57	22.52	23.00	0
		1	99	22.54	22.63	22.48	23.00	0
		50	0	21.64	21.52	21.56	22.00	1
		50	25	21.47	21.50	21.51	22.00	1
		50	50	21.61	21.64	21.64	22.00	1
		100	0	21.55	21.51	21.49	22.00	1
20	16-QAM	1	0	21.51	21.64	21.48	22.00	1
		1	50	21.51	21.47	21.55	22.00	1
		1	99	21.56	21.55	21.53	22.00	1
		50	0	20.48	20.53	20.48	21.00	2
		50	25	20.58	20.59	20.51	21.00	2
		50	50	20.49	20.61	20.52	21.00	2
		100	0	20.61	20.59	20.52	21.00	2
20	64-QAM	1	0	20.49	20.47	20.65	21.00	2
		1	50	20.52	20.64	20.62	21.00	2
		1	99	20.48	20.59	20.50	21.00	2
		50	0	19.58	19.49	19.58	20.00	3
		50	25	19.48	19.64	19.54	20.00	3
		50	50	19.47	19.64	19.59	20.00	3
		100	0	19.64	19.57	19.57	20.00	3
20	256-QAM	1	0	19.60	19.48	19.63	20.00	3
		1	50	19.64	19.53	19.47	20.00	3
		1	99	19.60	19.60	19.51	20.00	3
		50	0	18.65	18.48	18.52	19.00	4
		50	25	18.47	18.64	18.47	19.00	4
		50	50	18.53	18.51	18.52	19.00	4
		100	0	18.57	18.64	18.51	19.00	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)				670.5	680.5	690.5		
Channel				133197	133297	133397		
15	QPSK	1	0	22.63	22.56	22.52	23.00	0
		1	36	22.47	22.55	22.46	23.00	0
		1	74	22.54	22.57	22.57	23.00	0
		36	0	21.52	21.61	21.52	22.00	1
		36	18	21.60	21.50	21.61	22.00	1
		36	37	21.56	21.48	21.66	22.00	1
		75	0	21.59	21.48	21.64	22.00	1
15	16-QAM	1	0	21.54	21.64	21.50	22.00	1
		1	36	21.50	21.60	21.53	22.00	1
		1	74	21.64	21.47	21.64	22.00	1
		36	0	20.60	20.51	20.52	21.00	2
		36	18	20.65	20.48	20.54	21.00	2
		36	37	20.51	20.56	20.60	21.00	2
		75	0	20.49	20.58	20.46	21.00	2
15	64-QAM	1	0	20.60	20.49	20.59	21.00	2
		1	36	20.62	20.65	20.62	21.00	2
		1	74	20.52	20.55	20.59	21.00	2
		36	0	19.63	19.54	19.54	20.00	3
		36	18	19.54	19.58	19.47	20.00	3
		36	37	19.60	19.47	19.61	20.00	3
		75	0	19.57	19.55	19.49	20.00	3
15	256-QAM	1	0	19.55	19.50	19.58	20.00	3
		1	36	19.46	19.64	19.54	20.00	3
		1	74	19.56	19.51	19.47	20.00	3
		36	0	18.50	18.62	18.46	19.00	4
		36	18	18.49	18.55	18.54	19.00	4
		36	37	18.60	18.46	18.46	19.00	4
		75	0	18.53	18.54	18.61	19.00	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	22.54	22.51	22.60	23.00	0
		1	25	22.65	22.48	22.54	23.00	0
		1	49	22.53	22.49	22.65	23.00	0
		25	0	21.55	21.54	21.62	22.00	1
		25	12	21.60	21.55	21.63	22.00	1
		25	25	21.53	21.58	21.61	22.00	1
		50	0	21.49	21.60	21.52	22.00	1
10	16-QAM	1	0	21.55	21.56	21.61	22.00	1
		1	25	21.54	21.52	21.48	22.00	1
		1	49	21.54	21.63	21.51	22.00	1
		25	0	20.52	20.59	20.57	21.00	2
		25	12	20.54	20.57	20.51	21.00	2
		25	25	20.64	20.64	20.66	21.00	2
		50	0	20.55	20.64	20.56	21.00	2
10	64-QAM	1	0	20.63	20.51	20.60	21.00	2
		1	25	20.47	20.58	20.65	21.00	2
		1	49	20.57	20.58	20.66	21.00	2
		25	0	19.51	19.56	19.55	20.00	3
		25	12	19.56	19.56	19.56	20.00	3
		25	25	19.60	19.55	19.55	20.00	3
		50	0	19.48	19.65	19.57	20.00	3
10	256-QAM	1	0	19.56	19.47	19.54	20.00	3
		1	25	19.48	19.65	19.54	20.00	3
		1	49	19.49	19.61	19.50	20.00	3
		25	0	18.54	18.50	18.49	19.00	4
		25	12	18.62	18.54	18.62	19.00	4
		25	25	18.61	18.52	18.59	19.00	4
		50	0	18.52	18.65	18.59	19.00	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)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	22.64	22.66	22.53	23.00	0
		1	12	22.64	22.66	22.50	23.00	0
		1	24	22.60	22.53	22.62	23.00	0
		12	0	21.63	21.66	21.61	22.00	1
		12	6	21.54	21.65	21.49	22.00	1
		12	13	21.66	21.52	21.56	22.00	1
		25	0	21.54	21.46	21.57	22.00	1
5	16-QAM	1	0	21.63	21.55	21.61	22.00	1
		1	12	21.62	21.61	21.50	22.00	1
		1	24	21.53	21.64	21.54	22.00	1
		12	0	20.65	20.49	20.55	21.00	2
		12	6	20.63	20.57	20.65	21.00	2
		12	13	20.53	20.57	20.62	21.00	2
		25	0	20.59	20.52	20.63	21.00	2
5	64-QAM	1	0	20.57	20.60	20.47	21.00	2
		1	12	20.60	20.60	20.52	21.00	2
		1	24	20.63	20.63	20.55	21.00	2
		12	0	19.46	19.64	19.65	20.00	3
		12	6	19.59	19.50	19.53	20.00	3
		12	13	19.63	19.51	19.65	20.00	3
		25	0	19.47	19.52	19.50	20.00	3
5	256-QAM	1	0	19.52	19.60	19.54	20.00	3
		1	12	19.58	19.62	19.55	20.00	3
		1	24	19.50	19.66	19.60	20.00	3
		12	0	18.56	18.53	18.57	19.00	4
		12	6	18.48	18.47	18.62	19.00	4
		12	13	18.59	18.57	18.59	19.00	4
		25	0	18.56	18.63	18.53	19.00	4

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7.2 TDD LTE

Full power

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	22.41	22.29	22.52	24.00	0
		1	50	22.23	22.23	22.27	24.00	0
		1	99	22.30	22.24	22.24	24.00	0
		50	0	21.26	21.30	21.27	23.00	1
		50	25	21.40	21.25	21.25	23.00	1
		50	50	21.36	21.28	21.22	23.00	1
		100	0	21.31	21.24	21.33	23.00	1
20	16-QAM	1	0	21.26	21.24	21.29	23.00	1
		1	50	21.34	21.22	21.29	23.00	1
		1	99	21.34	21.30	21.33	23.00	1
		50	0	20.35	20.26	20.36	22.00	2
		50	25	20.24	20.26	20.22	22.00	2
		50	50	20.23	20.40	20.40	22.00	2
		100	0	20.37	20.31	20.24	22.00	2
20	64-QAM	1	0	20.28	20.28	20.24	22.00	2
		1	50	20.24	20.37	20.24	22.00	2
		1	99	20.23	20.24	20.29	22.00	2
		50	0	19.35	19.27	19.39	21.00	3
		50	25	19.38	19.30	19.29	21.00	3
		50	50	19.30	19.26	19.39	21.00	3
		100	0	19.40	19.38	19.22	21.00	3
20	256-QAM	1	0	19.23	19.37	19.27	21.00	3
		1	50	19.26	19.41	19.33	21.00	3
		1	99	19.31	19.28	19.22	21.00	3
		50	0	18.28	18.37	18.21	20.00	4
		50	25	18.23	18.28	18.41	20.00	4
		50	50	18.39	18.32	18.38	20.00	4
		100	0	18.39	18.22	18.24	20.00	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)				2577.5	2595	2612.5		
Channel				37825	38000	38175		
15	QPSK	1	0	22.27	22.24	22.33	24.00	0
		1	36	22.37	22.28	22.24	24.00	0
		1	74	22.22	22.33	22.33	24.00	0
		36	0	21.22	21.39	21.21	23.00	1
		36	18	21.38	21.36	21.25	23.00	1
		36	37	21.37	21.31	21.30	23.00	1
		75	0	21.22	21.22	21.37	23.00	1
15	16-QAM	1	0	21.36	21.33	21.21	23.00	1
		1	36	21.30	21.39	21.41	23.00	1
		1	74	21.22	21.39	21.40	23.00	1
		36	0	20.33	20.34	20.24	22.00	2
		36	18	20.26	20.36	20.25	22.00	2
		36	37	20.24	20.22	20.24	22.00	2
		75	0	20.34	20.22	20.33	22.00	2
15	64-QAM	1	0	20.36	20.29	20.34	22.00	2
		1	36	20.32	20.34	20.37	22.00	2
		1	74	20.33	20.23	20.23	22.00	2
		36	0	19.31	19.33	19.25	21.00	3
		36	18	19.35	19.23	19.40	21.00	3
		36	37	19.25	19.28	19.35	21.00	3
		75	0	19.40	19.22	19.37	21.00	3
15	256-QAM	1	0	19.25	19.33	19.34	21.00	3
		1	36	19.25	19.33	19.32	21.00	3
		1	74	19.31	19.25	19.31	21.00	3
		36	0	18.29	18.34	18.29	20.00	4
		36	18	18.27	18.39	18.41	20.00	4
		36	37	18.39	18.28	18.38	20.00	4
		75	0	18.28	18.24	18.22	20.00	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)				2575	2595	2615		
Channel				37800	38000	38200		
10	QPSK	1	0	22.40	22.35	22.21	24.00	0
		1	25	22.31	22.28	22.40	24.00	0
		1	49	22.39	22.30	22.32	24.00	0
		25	0	21.21	21.27	21.25	23.00	1
		25	12	21.35	21.26	21.25	23.00	1
		25	25	21.29	21.28	21.29	23.00	1
		50	0	21.34	21.30	21.40	23.00	1
10	16-QAM	1	0	21.29	21.29	21.31	23.00	1
		1	25	21.38	21.34	21.22	23.00	1
		1	49	21.27	21.29	21.30	23.00	1
		25	0	20.31	20.29	20.29	22.00	2
		25	12	20.35	20.35	20.28	22.00	2
		25	25	20.27	20.28	20.24	22.00	2
		50	0	20.40	20.30	20.27	22.00	2
10	64-QAM	1	0	20.41	20.22	20.39	22.00	2
		1	25	20.31	20.38	20.28	22.00	2
		1	49	20.34	20.22	20.24	22.00	2
		25	0	19.41	19.28	19.23	21.00	3
		25	12	19.31	19.32	19.26	21.00	3
		25	25	19.28	19.29	19.33	21.00	3
		50	0	19.35	19.26	19.32	21.00	3
10	256-QAM	1	0	19.38	19.29	19.24	21.00	3
		1	25	19.22	19.30	19.36	21.00	3
		1	49	19.31	19.25	19.28	21.00	3
		25	0	18.41	18.35	18.26	20.00	4
		25	12	18.40	18.23	18.32	20.00	4
		25	25	18.25	18.25	18.33	20.00	4
		50	0	18.22	18.26	18.22	20.00	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)				2572.5	2595	2617.5		
Channel				37775	38000	38225		
5	QPSK	1	0	22.28	22.39	22.34	24.00	0
		1	12	22.32	22.25	22.21	24.00	0
		1	24	22.31	22.35	22.26	24.00	0
		12	0	21.24	21.29	21.33	23.00	1
		12	6	21.34	21.37	21.28	23.00	1
		12	13	21.23	21.34	21.28	23.00	1
		25	0	21.32	21.32	21.35	23.00	1
5	16-QAM	1	0	21.25	21.36	21.21	23.00	1
		1	12	21.39	21.35	21.41	23.00	1
		1	24	21.30	21.39	21.31	23.00	1
		12	0	20.40	20.30	20.37	22.00	2
		12	6	20.38	20.39	20.38	22.00	2
		12	13	20.31	20.32	20.38	22.00	2
		25	0	20.41	20.23	20.24	22.00	2
5	64-QAM	1	0	20.39	20.32	20.38	22.00	2
		1	12	20.34	20.30	20.28	22.00	2
		1	24	20.36	20.39	20.28	22.00	2
		12	0	19.23	19.29	19.24	21.00	3
		12	6	19.39	19.31	19.27	21.00	3
		12	13	19.27	19.32	19.39	21.00	3
		25	0	19.23	19.37	19.23	21.00	3
5	256-QAM	1	0	19.26	19.29	19.24	21.00	3
		1	12	19.30	19.34	19.34	21.00	3
		1	24	19.31	19.34	19.24	21.00	3
		12	0	18.37	18.23	18.26	20.00	4
		12	6	18.33	18.31	18.23	20.00	4
		12	13	18.34	18.30	18.35	20.00	4
		25	0	18.40	18.33	18.40	20.00	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	22.29	22.30	22.29	22.28	22.21	24.00	0
		1	50	22.20	22.05	22.17	22.18	22.09	24.00	0
		1	99	22.13	22.19	22.01	22.15	22.10	24.00	0
		50	0	21.12	21.03	21.02	21.08	21.10	23.00	1
		50	25	21.07	21.19	21.19	21.17	21.18	23.00	1
		50	50	21.07	21.19	21.14	21.14	21.09	23.00	1
20	16-QAM	100	0	21.13	21.09	21.09	21.10	21.14	23.00	1
		1	0	21.09	21.12	21.19	21.02	21.06	23.00	1
		1	50	21.16	21.02	21.06	21.17	21.02	23.00	1
		1	99	21.18	21.16	21.11	21.21	21.20	23.00	1
		50	0	20.06	20.16	20.14	20.19	20.15	22.00	2
		50	25	20.10	20.06	20.16	20.09	20.18	22.00	2
20	64-QAM	50	50	20.08	20.18	20.03	20.03	20.02	22.00	2
		100	0	20.07	20.20	20.19	20.09	20.21	22.00	2
		1	0	20.18	20.14	20.20	20.02	20.15	22.00	2
		1	50	20.02	20.20	20.09	20.05	20.17	22.00	2
		1	99	20.06	20.21	20.16	20.06	20.19	22.00	2
		50	0	19.04	19.07	19.07	19.07	19.04	21.00	3
20	256-QAM	50	25	19.07	19.21	19.04	19.03	19.20	21.00	3
		50	50	19.13	19.06	19.13	19.03	19.20	21.00	3
		100	0	19.07	19.19	19.04	19.16	19.09	21.00	3
		1	0	19.21	19.16	19.21	19.06	19.18	21.00	3
		1	50	19.04	19.02	19.09	19.04	19.11	21.00	3
		1	99	19.08	19.17	19.18	19.10	19.10	21.00	3
20		50	0	18.03	18.18	18.17	18.08	18.11	20.00	4
		50	25	18.05	18.20	18.21	18.01	18.16	20.00	4
		50	50	18.09	18.11	18.06	18.07	18.02	20.00	4
		100	0	18.06	18.07	18.05	18.09	18.19	20.00	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	22.10	22.02	22.07	22.17	22.20	24.00	0
		1	36	22.06	22.18	22.04	22.01	22.01	24.00	0
		1	74	22.19	22.04	22.13	22.05	22.16	24.00	0
		36	0	21.01	21.07	21.15	21.19	21.02	23.00	1
		36	18	21.05	21.09	21.17	21.15	21.15	23.00	1
		36	37	21.16	21.20	21.19	21.18	21.10	23.00	1
15	16-QAM	75	0	21.15	21.02	21.07	21.17	21.10	23.00	1
		1	0	21.03	21.16	21.16	21.19	21.06	23.00	1
		1	36	21.19	21.04	21.06	21.01	21.16	23.00	1
		1	74	21.05	21.16	21.10	21.18	21.09	23.00	1
		36	0	20.14	20.06	20.21	20.10	20.04	22.00	2
		36	18	20.10	20.17	20.13	20.16	20.02	22.00	2
15	64-QAM	36	37	20.09	20.06	20.02	20.20	20.08	22.00	2
		75	0	20.14	20.16	20.16	20.03	20.17	22.00	2
		1	0	20.04	20.17	20.19	20.15	20.02	22.00	2
		1	36	20.02	20.06	20.16	20.18	20.06	22.00	2
		1	74	20.11	20.20	20.07	20.15	20.12	22.00	2
		36	0	19.19	19.12	19.20	19.20	19.08	21.00	3
15	256-QAM	36	18	19.03	19.16	19.10	19.14	19.14	21.00	3
		36	37	19.09	19.19	19.16	19.19	19.14	21.00	3
		75	0	19.13	19.19	19.08	19.01	19.01	21.00	3
		1	0	19.08	19.09	19.16	19.07	19.09	21.00	3
		1	36	19.14	19.15	19.16	19.18	19.05	21.00	3
		1	74	19.09	19.06	19.09	19.04	19.20	21.00	3
15		36	0	18.05	18.13	18.17	18.19	18.16	20.00	4
		36	18	18.05	18.02	18.14	18.19	18.04	20.00	4
		36	37	18.10	18.03	18.02	18.15	18.17	20.00	4
		75	0	18.09	18.18	18.21	18.18	18.14	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	22.15	22.16	22.19	22.01	22.21	24.00	0
		1	25	22.02	22.16	22.08	22.08	22.18	24.00	0
		1	49	22.09	22.10	22.05	22.02	22.03	24.00	0
		25	0	21.17	21.03	21.18	21.13	21.07	23.00	1
		25	12	21.14	21.02	21.20	21.08	21.11	23.00	1
		25	25	21.04	21.09	21.09	21.13	21.11	23.00	1
10	16-QAM	50	0	21.16	21.13	21.07	21.10	21.09	23.00	1
		1	0	21.18	21.08	21.06	21.12	21.04	23.00	1
		1	25	21.19	21.12	21.17	21.06	21.05	23.00	1
		1	49	21.08	21.08	21.14	21.08	21.09	23.00	1
		25	0	20.17	20.15	20.04	20.02	20.02	22.00	2
		25	12	20.02	20.19	20.16	20.10	20.12	22.00	2
10	64-QAM	25	25	20.03	20.03	20.15	20.09	20.16	22.00	2
		50	0	20.07	20.12	20.11	20.03	20.06	22.00	2
		1	0	20.07	20.14	20.13	20.16	20.06	22.00	2
		1	25	20.20	20.03	20.20	20.03	20.08	22.00	2
		1	49	20.12	20.11	20.01	20.05	20.15	22.00	2
		25	0	19.18	19.15	19.18	19.19	19.09	21.00	3
10	256-QAM	25	12	19.20	19.01	19.07	19.02	19.17	21.00	3
		25	25	19.06	19.05	19.03	19.03	19.15	21.00	3
		50	0	19.07	19.03	19.18	19.03	19.11	21.00	3
		1	0	19.11	19.09	19.20	19.19	19.15	21.00	3
		1	25	19.05	19.14	19.06	19.08	19.09	21.00	3
		1	49	19.08	19.03	19.13	19.07	19.11	21.00	3
10		25	0	18.06	18.20	18.19	18.18	18.17	20.00	4
		25	12	18.05	18.20	18.16	18.13	18.16	20.00	4
		25	25	18.19	18.07	18.17	18.02	18.02	20.00	4
		50	0	18.14	18.05	18.08	18.15	18.05	20.00	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	22.01	22.04	22.14	22.20	22.03	24.00	0
		1	12	22.03	22.09	22.12	22.03	22.12	24.00	0
		1	24	22.17	22.14	22.02	22.13	22.09	24.00	0
		12	0	21.13	21.15	21.03	21.15	21.19	23.00	1
		12	6	21.10	21.04	21.09	21.07	21.03	23.00	1
		12	13	21.10	21.16	21.21	21.09	21.14	23.00	1
5	16-QAM	25	0	21.02	21.15	21.15	21.04	21.02	23.00	1
		1	0	21.12	21.05	21.10	21.09	21.13	23.00	1
		1	12	21.05	21.05	21.11	21.02	21.20	23.00	1
		1	24	21.11	21.18	21.09	21.16	21.07	23.00	1
		12	0	20.13	20.08	20.11	20.14	20.12	22.00	2
		12	6	20.15	20.06	20.03	20.21	20.19	22.00	2
5	64-QAM	12	13	20.14	20.03	20.13	20.08	20.12	22.00	2
		25	0	20.19	20.03	20.04	20.15	20.18	22.00	2
		1	0	20.13	20.02	20.09	20.18	20.16	22.00	2
		1	12	20.10	20.12	20.12	20.07	20.05	22.00	2
		1	24	20.18	20.10	20.16	20.10	20.21	22.00	2
		12	0	19.19	19.07	19.08	19.05	19.21	21.00	3
5	256-QAM	12	6	19.07	19.06	19.08	19.13	19.11	21.00	3
		12	13	19.12	19.19	19.04	19.15	19.08	21.00	3
		25	0	19.04	19.10	19.02	19.15	19.06	21.00	3
		1	0	19.13	19.12	19.03	19.13	19.11	21.00	3
		1	12	19.14	19.16	19.21	19.13	19.06	21.00	3
		1	24	19.01	19.12	19.03	19.16	19.16	21.00	3
5	256-QAM	12	0	18.02	18.15	18.19	18.04	18.19	20.00	4
		12	6	18.15	18.21	18.04	18.07	18.07	20.00	4
		12	13	18.15	18.19	18.11	18.05	18.19	20.00	4
		25	0	18.12	18.13	18.09	18.09	18.16	20.00	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)				3460	3500	3540		
Channel				42190	42590	42990		
20	QPSK	1	0	21.38	21.75	21.33	22.00	0
		1	50	20.29	20.18	20.20	22.00	0
		1	99	20.21	20.28	20.31	22.00	0
		50	0	19.32	19.23	19.33	21.00	1
		50	25	19.28	19.21	19.20	21.00	1
		50	50	19.21	19.34	19.21	21.00	1
		100	0	19.22	19.37	19.25	21.00	1
20	16-QAM	1	0	19.28	19.27	19.26	21.00	1
		1	50	19.31	19.33	19.31	21.00	1
		1	99	19.37	19.23	19.34	21.00	1
		50	0	18.24	18.21	18.23	20.00	2
		50	25	18.29	18.31	18.25	20.00	2
		50	50	18.28	18.24	18.29	20.00	2
		100	0	18.34	18.18	18.21	20.00	2
20	64-QAM	1	0	18.36	18.22	18.30	20.00	2
		1	50	18.28	18.19	18.30	20.00	2
		1	99	18.33	18.33	18.35	20.00	2
		50	0	17.35	17.24	17.21	19.00	3
		50	25	17.33	17.25	17.23	19.00	3
		50	50	17.30	17.30	17.18	19.00	3
		100	0	17.21	17.32	17.30	19.00	3
20	256-QAM	1	0	17.30	17.33	17.29	19.00	3
		1	50	17.21	17.21	17.23	19.00	3
		1	99	17.30	17.35	17.36	19.00	3
		50	0	16.35	16.31	16.30	18.00	4
		50	25	16.32	16.36	16.36	18.00	4
		50	50	16.25	16.28	16.29	18.00	4
		100	0	16.36	16.26	16.23	18.00	4

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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	20.35	20.32	20.34	22.00	0
		1	36	20.22	20.19	20.38	22.00	0
		1	74	20.20	20.33	20.33	22.00	0
		36	0	19.19	19.37	19.26	21.00	1
		36	18	19.35	19.33	19.27	21.00	1
		36	37	19.36	19.38	19.30	21.00	1
		75	0	19.20	19.32	19.37	21.00	1
15	16-QAM	1	0	19.27	19.25	19.19	21.00	1
		1	36	19.29	19.21	19.28	21.00	1
		1	74	19.38	19.38	19.34	21.00	1
		36	0	18.29	18.38	18.20	20.00	2
		36	18	18.34	18.19	18.33	20.00	2
		36	37	18.32	18.34	18.36	20.00	2
		75	0	18.34	18.32	18.27	20.00	2
15	64-QAM	1	0	18.35	18.35	18.34	20.00	2
		1	36	18.30	18.20	18.36	20.00	2
		1	74	18.23	18.19	18.20	20.00	2
		36	0	17.27	17.31	17.38	19.00	3
		36	18	17.25	17.33	17.23	19.00	3
		36	37	17.19	17.36	17.31	19.00	3
		75	0	17.35	17.36	17.36	19.00	3
15	256-QAM	1	0	17.32	17.29	17.30	19.00	3
		1	36	17.18	17.22	17.19	19.00	3
		1	74	17.30	17.20	17.25	19.00	3
		36	0	16.32	16.33	16.24	18.00	4
		36	18	16.35	16.19	16.26	18.00	4
		36	37	16.24	16.29	16.19	18.00	4
		75	0	16.36	16.33	16.28	18.00	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)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	20.28	20.19	20.30	22.00	0
		1	25	20.19	20.34	20.19	22.00	0
		1	49	20.18	20.18	20.35	22.00	0
		25	0	19.30	19.31	19.33	21.00	1
		25	12	19.28	19.23	19.31	21.00	1
		25	25	19.36	19.37	19.32	21.00	1
		50	0	19.31	19.19	19.20	21.00	1
10	16-QAM	1	0	19.37	19.32	19.21	21.00	1
		1	25	19.22	19.36	19.33	21.00	1
		1	49	19.29	19.31	19.33	21.00	1
		25	0	18.25	18.18	18.29	20.00	2
		25	12	18.27	18.34	18.21	20.00	2
		25	25	18.20	18.23	18.28	20.00	2
		50	0	18.33	18.25	18.24	20.00	2
10	64-QAM	1	0	18.33	18.19	18.31	20.00	2
		1	25	18.22	18.22	18.37	20.00	2
		1	49	18.36	18.37	18.32	20.00	2
		25	0	17.27	17.27	17.26	19.00	3
		25	12	17.28	17.31	17.19	19.00	3
		25	25	17.29	17.38	17.29	19.00	3
		50	0	17.29	17.20	17.20	19.00	3
10	256-QAM	1	0	17.29	17.29	17.25	19.00	3
		1	25	17.20	17.30	17.28	19.00	3
		1	49	17.33	17.29	17.28	19.00	3
		25	0	16.30	16.35	16.22	18.00	4
		25	12	16.27	16.24	16.19	18.00	4
		25	25	16.25	16.37	16.36	18.00	4
		50	0	16.36	16.31	16.25	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)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	20.32	20.23	20.25	22.00	0
		1	12	20.29	20.28	20.24	22.00	0
		1	24	20.38	20.32	20.24	22.00	0
		12	0	19.37	19.19	19.26	21.00	1
		12	6	19.37	19.37	19.34	21.00	1
		12	13	19.32	19.36	19.37	21.00	1
		25	0	19.32	19.35	19.32	21.00	1
5	16-QAM	1	0	19.36	19.33	19.20	21.00	1
		1	12	19.33	19.29	19.23	21.00	1
		1	24	19.35	19.33	19.23	21.00	1
		12	0	18.31	18.21	18.30	20.00	2
		12	6	18.37	18.26	18.21	20.00	2
		12	13	18.34	18.29	18.20	20.00	2
		25	0	18.35	18.36	18.30	20.00	2
5	64-QAM	1	0	18.34	18.22	18.22	20.00	2
		1	12	18.33	18.29	18.26	20.00	2
		1	24	18.26	18.18	18.31	20.00	2
		12	0	17.25	17.34	17.24	19.00	3
		12	6	17.22	17.36	17.26	19.00	3
		12	13	17.35	17.20	17.20	19.00	3
		25	0	17.23	17.31	17.21	19.00	3
5	256-QAM	1	0	17.36	17.23	17.19	19.00	3
		1	12	17.29	17.38	17.21	19.00	3
		1	24	17.34	17.33	17.37	19.00	3
		12	0	16.37	16.24	16.23	18.00	4
		12	6	16.31	16.21	16.19	18.00	4
		12	13	16.28	16.22	16.31	18.00	4
		25	0	16.36	16.25	16.23	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	20.12	20.16	20.15	22.00	0
		1	50	20.06	20.07	20.01	22.00	0
		1	99	20.04	20.10	20.06	22.00	0
		50	0	19.20	19.07	19.22	21.00	1
		50	25	19.22	19.21	19.12	21.00	1
		50	50	19.05	19.05	19.12	21.00	1
		100	0	19.22	19.13	19.03	21.00	1
20	16-QAM	1	0	19.08	19.16	19.11	21.00	1
		1	50	19.10	19.05	19.20	21.00	1
		1	99	19.08	19.14	19.21	21.00	1
		50	0	18.07	18.06	18.21	20.00	2
		50	25	18.17	18.16	18.07	20.00	2
		50	50	18.18	18.04	18.15	20.00	2
		100	0	18.15	18.17	18.15	20.00	2
20	64-QAM	1	0	18.21	18.17	18.09	20.00	2
		1	50	18.08	18.18	18.15	20.00	2
		1	99	18.11	18.14	18.17	20.00	2
		50	0	17.06	17.21	17.19	19.00	3
		50	25	17.04	17.15	17.09	19.00	3
		50	50	17.18	17.16	17.07	19.00	3
		100	0	17.11	17.21	17.10	19.00	3
20	256-QAM	1	0	17.18	17.07	17.11	19.00	3
		1	50	17.09	17.10	17.14	19.00	3
		1	99	17.07	17.11	17.19	19.00	3
		50	0	16.17	16.21	16.03	18.00	4
		50	25	16.11	16.19	16.04	18.00	4
		50	50	16.09	16.09	16.17	18.00	4
		100	0	16.14	16.02	16.12	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)				3557.5	3575	3592.5		
Channel				43165	43340	43515		
15	QPSK	1	0	20.04	20.08	20.10	22.00	0
		1	36	20.10	20.07	20.02	22.00	0
		1	74	20.04	20.04	20.07	22.00	0
		36	0	19.16	19.15	19.17	21.00	1
		36	18	19.07	19.03	19.06	21.00	1
		36	37	19.02	19.22	19.06	21.00	1
		75	0	19.14	19.21	19.18	21.00	1
15	16-QAM	1	0	19.20	19.09	19.12	21.00	1
		1	36	19.06	19.17	19.12	21.00	1
		1	74	19.07	19.03	19.05	21.00	1
		36	0	18.08	18.04	18.10	20.00	2
		36	18	18.09	18.07	18.11	20.00	2
		36	37	18.18	18.21	18.19	20.00	2
		75	0	18.10	18.13	18.16	20.00	2
15	64-QAM	1	0	18.18	18.18	18.02	20.00	2
		1	36	18.11	18.15	18.17	20.00	2
		1	74	18.10	18.11	18.02	20.00	2
		36	0	17.05	17.07	17.14	19.00	3
		36	18	17.05	17.07	17.07	19.00	3
		36	37	17.19	17.13	17.19	19.00	3
		75	0	17.07	17.05	17.09	19.00	3
15	256-QAM	1	0	17.19	17.17	17.10	19.00	3
		1	36	17.03	17.19	17.05	19.00	3
		1	74	17.11	17.07	17.11	19.00	3
		36	0	16.09	16.07	16.06	18.00	4
		36	18	16.18	16.15	16.18	18.00	4
		36	37	16.17	16.06	16.14	18.00	4
		75	0	16.17	16.11	16.04	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)				3555	3575	3595		
Channel				43140	43340	43540		
10	QPSK	1	0	20.05	20.03	20.09	22.00	0
		1	25	20.00	20.10	20.01	22.00	0
		1	49	20.07	20.07	20.00	22.00	0
		25	0	19.13	19.15	19.16	21.00	1
		25	12	19.20	19.06	19.08	21.00	1
		25	25	19.21	19.05	19.18	21.00	1
		50	0	19.16	19.16	19.08	21.00	1
10	16-QAM	1	0	19.10	19.02	19.07	21.00	1
		1	25	19.20	19.15	19.07	21.00	1
		1	49	19.20	19.21	19.15	21.00	1
		25	0	18.16	18.13	18.20	20.00	2
		25	12	18.07	18.14	18.20	20.00	2
		25	25	18.05	18.04	18.17	20.00	2
		50	0	18.16	18.06	18.10	20.00	2
10	64-QAM	1	0	18.18	18.17	18.08	20.00	2
		1	25	18.12	18.10	18.19	20.00	2
		1	49	18.20	18.16	18.20	20.00	2
		25	0	17.15	17.06	17.07	19.00	3
		25	12	17.05	17.11	17.20	19.00	3
		25	25	17.19	17.04	17.17	19.00	3
		50	0	17.15	17.06	17.12	19.00	3
10	256-QAM	1	0	17.10	17.10	17.11	19.00	3
		1	25	17.17	17.10	17.06	19.00	3
		1	49	17.19	17.13	17.17	19.00	3
		25	0	16.05	16.05	16.22	18.00	4
		25	12	16.09	16.10	16.17	18.00	4
		25	25	16.21	16.21	16.21	18.00	4
		50	0	16.06	16.13	16.16	18.00	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)				3552.5	3575	3597.5		
Channel				43115	43340	43565		
5	QPSK	1	0	20.07	20.02	20.03	22.00	0
		1	12	20.05	20.10	20.00	22.00	0
		1	24	20.10	20.05	20.12	22.00	0
		12	0	19.17	19.10	19.16	21.00	1
		12	6	19.18	19.17	19.04	21.00	1
		12	13	19.08	19.07	19.19	21.00	1
		25	0	19.06	19.08	19.18	21.00	1
5	16-QAM	1	0	19.20	19.09	19.04	21.00	1
		1	12	19.08	19.14	19.08	21.00	1
		1	24	19.06	19.21	19.10	21.00	1
		12	0	18.06	18.13	18.12	20.00	2
		12	6	18.05	18.11	18.04	20.00	2
		12	13	18.03	18.19	18.12	20.00	2
		25	0	18.16	18.08	18.20	20.00	2
5	64-QAM	1	0	18.22	18.13	18.11	20.00	2
		1	12	18.07	18.15	18.21	20.00	2
		1	24	18.20	18.18	18.09	20.00	2
		12	0	17.15	17.15	17.13	19.00	3
		12	6	17.22	17.09	17.03	19.00	3
		12	13	17.12	17.14	17.10	19.00	3
		25	0	17.14	17.18	17.20	19.00	3
5	256-QAM	1	0	17.20	17.18	17.17	19.00	3
		1	12	17.09	17.06	17.08	19.00	3
		1	24	17.09	17.06	17.14	19.00	3
		12	0	16.19	16.12	16.11	18.00	4
		12	6	16.21	16.06	16.10	18.00	4
		12	13	16.05	16.12	16.03	18.00	4
		25	0	16.11	16.14	16.15	18.00	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)				3660	3662.5	3665		
Channel				44190	44215	44240		
20	QPSK	1	0	21.92	21.98	21.94	22.00	0
		1	50	21.86	21.84	21.88	22.00	0
		1	99	21.76	21.89	21.91	22.00	0
		50	0	20.83	20.88	20.76	21.00	1
		50	25	20.86	20.92	20.85	21.00	1
		50	50	20.92	20.85	20.90	21.00	1
		100	0	20.82	20.92	20.91	21.00	1
20	16-QAM	1	0	20.77	20.87	20.77	21.00	1
		1	50	20.84	20.86	20.79	21.00	1
		1	99	20.91	20.77	20.76	21.00	1
		50	0	19.92	19.87	19.77	20.00	2
		50	25	19.79	19.77	19.86	20.00	2
		50	50	19.83	19.90	19.78	20.00	2
		100	0	19.87	19.88	19.88	20.00	2
20	64-QAM	1	0	19.79	19.81	19.78	20.00	2
		1	50	19.85	19.81	19.93	20.00	2
		1	99	19.94	19.88	19.82	20.00	2
		50	0	18.75	18.91	18.86	19.00	3
		50	25	18.84	18.86	18.87	19.00	3
		50	50	18.91	18.78	18.81	19.00	3
		100	0	18.92	18.82	18.74	19.00	3
20	256-QAM	1	0	18.94	18.89	18.81	19.00	3
		1	50	18.75	18.77	18.77	19.00	3
		1	99	18.83	18.93	18.82	19.00	3
		50	0	17.87	17.91	17.81	18.00	4
		50	25	17.85	17.91	17.88	18.00	4
		50	50	17.79	17.84	17.92	18.00	4
		100	0	17.90	17.78	17.82	18.00	4

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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)				3657.5	3662.5	3667.5		
Channel				44165	44215	44265		
15	QPSK	1	0	21.90	21.86	21.79	22.00	0
		1	36	21.82	21.93	21.75	22.00	0
		1	74	21.79	21.81	21.89	22.00	0
		36	0	20.81	20.88	20.84	21.00	1
		36	18	20.76	20.75	20.89	21.00	1
		36	37	20.87	20.92	20.75	21.00	1
		75	0	20.85	20.74	20.76	21.00	1
15	16-QAM	1	0	20.89	20.85	20.79	21.00	1
		1	36	20.89	20.78	20.82	21.00	1
		1	74	20.88	20.82	20.78	21.00	1
		36	0	19.93	19.93	19.93	20.00	2
		36	18	19.83	19.87	19.88	20.00	2
		36	37	19.79	19.83	19.91	20.00	2
		75	0	19.80	19.80	19.86	20.00	2
15	64-QAM	1	0	19.89	19.90	19.82	20.00	2
		1	36	19.75	19.92	19.84	20.00	2
		1	74	19.93	19.86	19.78	20.00	2
		36	0	18.87	18.82	18.74	19.00	3
		36	18	18.87	18.76	18.86	19.00	3
		36	37	18.89	18.88	18.78	19.00	3
		75	0	18.83	18.87	18.91	19.00	3
15	256-QAM	1	0	18.75	18.80	18.75	19.00	3
		1	36	18.92	18.80	18.79	19.00	3
		1	74	18.86	18.79	18.90	19.00	3
		36	0	17.75	17.92	17.89	18.00	4
		36	18	17.78	17.82	17.77	18.00	4
		36	37	17.82	17.90	17.90	18.00	4
		75	0	17.93	17.87	17.85	18.00	4

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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)				3655	3662.5	3670		
Channel				44140	44215	44290		
10	QPSK	1	0	21.94	21.94	21.88	22.00	0
		1	25	21.77	21.83	21.75	22.00	0
		1	49	21.81	21.77	21.93	22.00	0
		25	0	20.81	20.77	20.83	21.00	1
		25	12	20.89	20.80	20.74	21.00	1
		25	25	20.75	20.77	20.83	21.00	1
		50	0	20.79	20.89	20.83	21.00	1
10	16-QAM	1	0	20.81	20.78	20.84	21.00	1
		1	25	20.94	20.91	20.74	21.00	1
		1	49	20.78	20.90	20.90	21.00	1
		25	0	19.77	19.88	19.81	20.00	2
		25	12	19.75	19.83	19.78	20.00	2
		25	25	19.85	19.81	19.82	20.00	2
		50	0	19.92	19.79	19.90	20.00	2
10	64-QAM	1	0	19.92	19.76	19.77	20.00	2
		1	25	19.78	19.77	19.81	20.00	2
		1	49	19.75	19.78	19.77	20.00	2
		25	0	18.90	18.84	18.93	19.00	3
		25	12	18.74	18.81	18.82	19.00	3
		25	25	18.78	18.75	18.88	19.00	3
		50	0	18.86	18.87	18.80	19.00	3
10	256-QAM	1	0	18.75	18.92	18.85	19.00	3
		1	25	18.87	18.92	18.92	19.00	3
		1	49	18.92	18.86	18.91	19.00	3
		25	0	17.80	17.83	17.77	18.00	4
		25	12	17.76	17.93	17.87	18.00	4
		25	25	17.74	17.88	17.82	18.00	4
		50	0	17.76	17.78	17.86	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)				3652.5	3662.5	3672.5		
Channel				44115	44215	44315		
5	QPSK	1	0	21.94	21.77	21.89	22.00	0
		1	12	21.79	21.85	21.81	22.00	0
		1	24	21.87	21.93	21.85	22.00	0
		12	0	20.84	20.90	20.88	21.00	1
		12	6	20.87	20.93	20.75	21.00	1
		12	13	20.89	20.85	20.77	21.00	1
		25	0	20.76	20.92	20.86	21.00	1
5	16-QAM	1	0	20.85	20.81	20.78	21.00	1
		1	12	20.93	20.80	20.83	21.00	1
		1	24	20.74	20.85	20.76	21.00	1
		12	0	19.85	19.78	19.85	20.00	2
		12	6	19.83	19.77	19.93	20.00	2
		12	13	19.77	19.75	19.74	20.00	2
		25	0	19.93	19.84	19.91	20.00	2
5	64-QAM	1	0	19.80	19.89	19.82	20.00	2
		1	12	19.90	19.78	19.90	20.00	2
		1	24	19.74	19.79	19.76	20.00	2
		12	0	18.93	18.92	18.83	19.00	3
		12	6	18.83	18.74	18.74	19.00	3
		12	13	18.85	18.86	18.88	19.00	3
		25	0	18.76	18.88	18.75	19.00	3
5	256-QAM	1	0	18.84	18.87	18.86	19.00	3
		1	12	18.92	18.84	18.77	19.00	3
		1	24	18.85	18.81	18.79	19.00	3
		12	0	17.83	17.94	17.76	18.00	4
		12	6	17.87	17.89	17.86	18.00	4
		12	13	17.84	17.84	17.77	18.00	4
		25	0	17.83	17.89	17.87	18.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	20.07	20.13	20.09	20.11	22.00	0
		1	50	20.09	20.12	20.03	20.04	22.00	0
		1	99	20.12	20.11	20.09	20.01	22.00	0
		50	0	19.18	19.05	19.17	19.05	21.00	1
		50	25	19.11	19.18	19.01	19.00	21.00	1
		50	50	19.17	19.19	19.01	19.01	21.00	1
		100	0	19.18	19.18	19.14	19.00	21.00	1
20	16-QAM	1	0	19.15	19.06	19.09	19.08	21.00	1
		1	50	19.15	19.16	19.15	19.13	21.00	1
		1	99	19.17	19.03	19.12	19.09	21.00	1
		50	0	18.03	18.18	18.04	18.00	20.00	2
		50	25	18.10	18.17	18.06	18.11	20.00	2
		50	50	18.08	18.18	18.14	18.07	20.00	2
		100	0	18.11	18.07	18.08	18.12	20.00	2
20	64-QAM	1	0	18.16	18.19	18.03	18.14	20.00	2
		1	50	18.16	18.11	18.06	18.16	20.00	2
		1	99	18.08	18.18	18.15	18.03	20.00	2
		50	0	17.07	17.08	17.10	17.03	19.00	3
		50	25	17.04	17.18	17.10	17.14	19.00	3
		50	50	17.11	17.03	17.08	17.11	19.00	3
		100	0	17.05	17.03	17.13	17.01	19.00	3
20	256-QAM	1	0	17.10	17.12	17.15	17.12	19.00	3
		1	50	17.12	17.18	17.09	17.03	19.00	3
		1	99	17.04	17.13	17.14	17.12	19.00	3
		50	0	16.14	16.14	16.15	16.17	18.00	4
		50	25	16.09	16.14	16.20	16.02	18.00	4
		50	50	16.10	16.14	16.07	16.02	18.00	4
		100	0	16.07	16.06	16.10	16.13	18.00	4

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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	20.07	20.09	20.02	20.05	22.00	0
		1	36	20.05	20.08	20.08	20.03	22.00	0
		1	74	20.04	20.05	20.08	20.09	22.00	0
		36	0	19.10	19.18	19.06	19.14	21.00	1
		36	18	19.09	19.09	19.17	19.06	21.00	1
		36	37	19.04	19.08	19.11	19.19	21.00	1
		75	0	19.04	19.06	19.15	19.02	21.00	1
15	16-QAM	1	0	19.03	19.10	19.08	19.13	21.00	1
		1	36	19.12	19.11	19.10	19.06	21.00	1
		1	74	19.21	19.19	19.12	19.13	21.00	1
		36	0	18.08	18.19	18.05	18.19	20.00	2
		36	18	18.04	18.13	18.15	18.18	20.00	2
		36	37	18.06	18.19	18.19	18.18	20.00	2
		75	0	18.13	18.17	18.01	18.05	20.00	2
15	64-QAM	1	0	18.02	18.14	18.17	18.03	20.00	2
		1	36	18.05	18.10	18.08	18.05	20.00	2
		1	74	18.09	18.19	18.04	18.07	20.00	2
		36	0	17.07	17.10	17.07	17.08	19.00	3
		36	18	17.15	17.03	17.12	17.05	19.00	3
		36	37	17.17	17.20	17.13	17.15	19.00	3
		75	0	17.18	17.07	17.12	17.02	19.00	3
15	256-QAM	1	0	17.07	17.15	17.15	17.20	19.00	3
		1	36	17.20	17.08	17.15	17.06	19.00	3
		1	74	17.01	17.07	17.09	17.14	19.00	3
		36	0	16.01	16.02	16.11	16.04	18.00	4
		36	18	16.10	16.20	16.00	16.01	18.00	4
		36	37	16.08	16.10	16.06	16.05	18.00	4
		75	0	16.05	16.20	16.09	16.06	18.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
Channel				55290	55815	56165	56690		
10	QPSK	1	0	20.08	20.04	20.10	20.10	22.00	0
		1	25	20.07	20.07	20.02	20.12	22.00	0
		1	49	20.09	20.02	20.05	20.10	22.00	0
		25	0	19.06	19.02	19.12	19.05	21.00	1
		25	12	19.06	19.02	19.12	19.14	21.00	1
		25	25	19.15	19.05	19.12	19.10	21.00	1
		50	0	19.02	19.05	19.16	19.19	21.00	1
10	16-QAM	1	0	19.05	19.18	19.03	19.00	21.00	1
		1	25	19.06	19.10	19.11	19.14	21.00	1
		1	49	19.18	19.01	19.09	19.05	21.00	1
		25	0	18.06	18.12	18.15	18.02	20.00	2
		25	12	18.16	18.14	18.11	18.00	20.00	2
		25	25	18.12	18.20	18.09	18.14	20.00	2
		50	0	18.10	18.01	18.11	18.13	20.00	2
10	64-QAM	1	0	18.12	18.09	18.01	18.16	20.00	2
		1	25	18.16	18.19	18.04	18.09	20.00	2
		1	49	18.08	18.09	18.10	18.10	20.00	2
		25	0	17.18	17.14	17.06	17.09	19.00	3
		25	12	17.04	17.06	17.09	17.08	19.00	3
		25	25	17.08	17.07	17.17	17.10	19.00	3
		50	0	17.18	17.04	17.15	17.11	19.00	3
10	256-QAM	1	0	17.03	17.04	17.18	17.13	19.00	3
		1	25	17.07	17.18	17.01	17.19	19.00	3
		1	49	17.12	17.07	17.19	17.01	19.00	3
		25	0	16.07	16.17	16.01	16.03	18.00	4
		25	12	16.08	16.11	16.16	16.02	18.00	4
		25	25	16.02	16.06	16.05	16.14	18.00	4
		50	0	16.03	16.11	16.09	16.12	18.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
Channel				55265	55810	56170	56715		
5	QPSK	1	0	20.04	20.09	20.07	20.04	22.00	0
		1	12	20.03	20.09	20.04	20.05	22.00	0
		1	24	20.01	20.03	20.08	20.01	22.00	0
		12	0	19.03	19.03	19.07	19.15	21.00	1
		12	6	19.09	19.18	19.11	19.18	21.00	1
		12	13	19.04	19.21	19.10	19.02	21.00	1
		25	0	19.21	19.19	19.12	19.08	21.00	1
5	16-QAM	1	0	19.15	19.03	19.06	19.09	21.00	1
		1	12	19.18	19.10	19.12	19.09	21.00	1
		1	24	19.17	19.17	19.00	19.08	21.00	1
		12	0	18.04	18.06	18.18	18.16	20.00	2
		12	6	18.16	18.13	18.03	18.06	20.00	2
		12	13	18.02	18.21	18.08	18.07	20.00	2
		25	0	18.02	18.13	18.01	18.13	20.00	2
5	64-QAM	1	0	18.08	18.12	18.05	18.06	20.00	2
		1	12	18.04	18.05	18.15	18.14	20.00	2
		1	24	18.20	18.03	18.02	18.04	20.00	2
		12	0	17.17	17.08	17.16	17.12	19.00	3
		12	6	17.16	17.21	17.16	17.01	19.00	3
		12	13	17.05	17.09	17.13	17.02	19.00	3
		25	0	17.11	17.13	17.18	17.19	19.00	3
5	256-QAM	1	0	17.12	17.20	17.19	17.12	19.00	3
		1	12	17.21	17.04	17.14	17.09	19.00	3
		1	24	17.18	17.20	17.08	17.11	19.00	3
		12	0	16.18	16.16	16.01	16.01	18.00	4
		12	6	16.09	16.05	16.08	16.14	18.00	4
		12	13	16.04	16.04	16.18	16.19	18.00	4
		25	0	16.05	16.21	16.20	16.07	18.00	4

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Reduced power

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	16.40	16.35	16.52	17.00	0
		1	50	16.30	16.32	16.27	17.00	0
		1	99	16.22	16.25	16.15	17.00	0
		50	0	15.25	15.25	15.28	16.00	1
		50	25	15.24	15.23	15.20	16.00	1
		50	50	15.15	15.17	15.21	16.00	1
		100	0	15.27	15.18	15.22	16.00	1
20	16-QAM	1	0	15.19	15.14	15.20	16.00	1
		1	50	15.22	15.23	15.16	16.00	1
		1	99	15.20	15.24	15.32	16.00	1
		50	0	14.16	14.29	14.19	15.00	2
		50	25	14.21	14.23	14.20	15.00	2
		50	50	14.27	14.16	14.32	15.00	2
		100	0	14.13	14.17	14.21	15.00	2
20	64-QAM	1	0	14.32	14.29	14.13	15.00	2
		1	50	14.24	14.20	14.16	15.00	2
		1	99	14.24	14.18	14.32	15.00	2
		50	0	13.22	13.17	13.32	14.00	3
		50	25	13.16	13.33	13.26	14.00	3
		50	50	13.18	13.23	13.24	14.00	3
		100	0	13.25	13.14	13.32	14.00	3
20	256-QAM	1	0	13.31	13.29	13.18	14.00	3
		1	50	13.24	13.20	13.32	14.00	3
		1	99	13.28	13.20	13.18	14.00	3
		50	0	12.27	12.28	12.29	13.00	4
		50	25	12.20	12.13	12.14	13.00	4
		50	50	12.19	12.25	12.27	13.00	4
		100	0	12.22	12.21	12.21	13.00	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)				2577.5	2595	2612.5		
Channel				37825	38000	38175		
15	QPSK	1	0	16.32	16.18	16.27	17.00	0
		1	36	16.19	16.18	16.26	17.00	0
		1	74	16.29	16.32	16.22	17.00	0
		36	0	15.27	15.23	15.14	16.00	1
		36	18	15.23	15.31	15.23	16.00	1
		36	37	15.27	15.23	15.28	16.00	1
		75	0	15.24	15.30	15.15	16.00	1
15	16-QAM	1	0	15.14	15.31	15.31	16.00	1
		1	36	15.15	15.29	15.23	16.00	1
		1	74	15.16	15.25	15.24	16.00	1
		36	0	14.29	14.31	14.30	15.00	2
		36	18	14.26	14.32	14.33	15.00	2
		36	37	14.16	14.19	14.21	15.00	2
		75	0	14.32	14.26	14.18	15.00	2
15	64-QAM	1	0	14.23	14.22	14.22	15.00	2
		1	36	14.21	14.19	14.29	15.00	2
		1	74	14.19	14.27	14.28	15.00	2
		36	0	13.29	13.22	13.20	14.00	3
		36	18	13.28	13.32	13.28	14.00	3
		36	37	13.13	13.26	13.28	14.00	3
		75	0	13.25	13.20	13.24	14.00	3
15	256-QAM	1	0	13.19	13.19	13.27	14.00	3
		1	36	13.31	13.16	13.29	14.00	3
		1	74	13.22	13.19	13.26	14.00	3
		36	0	12.13	12.25	12.22	13.00	4
		36	18	12.23	12.32	12.14	13.00	4
		36	37	12.17	12.28	12.16	13.00	4
		75	0	12.13	12.18	12.31	13.00	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	16.26	16.17	16.29	17.00	0
		1	25	16.18	16.27	16.22	17.00	0
		1	49	16.29	16.16	16.21	17.00	0
		25	0	15.32	15.26	15.16	16.00	1
		25	12	15.29	15.25	15.19	16.00	1
		25	25	15.30	15.15	15.19	16.00	1
		50	0	15.24	15.22	15.18	16.00	1
10	16-QAM	1	0	15.29	15.22	15.31	16.00	1
		1	25	15.31	15.24	15.19	16.00	1
		1	49	15.16	15.23	15.32	16.00	1
		25	0	14.31	14.20	14.13	15.00	2
		25	12	14.21	14.24	14.21	15.00	2
		25	25	14.32	14.21	14.16	15.00	2
		50	0	14.25	14.15	14.22	15.00	2
10	64-QAM	1	0	14.33	14.26	14.16	15.00	2
		1	25	14.15	14.25	14.27	15.00	2
		1	49	14.15	14.22	14.30	15.00	2
		25	0	13.17	13.14	13.27	14.00	3
		25	12	13.18	13.15	13.30	14.00	3
		25	25	13.30	13.19	13.27	14.00	3
		50	0	13.25	13.19	13.32	14.00	3
10	256-QAM	1	0	13.19	13.26	13.32	14.00	3
		1	25	13.28	13.28	13.14	14.00	3
		1	49	13.31	13.25	13.25	14.00	3
		25	0	12.22	12.24	12.30	13.00	4
		25	12	12.20	12.30	12.24	13.00	4
		25	25	12.33	12.25	12.31	13.00	4
		50	0	12.17	12.32	12.26	13.00	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)				2572.5	2595	2617.5		
Channel				37775	38000	38225		
5	QPSK	1	0	16.16	16.26	16.25	17.00	0
		1	12	16.16	16.24	16.32	17.00	0
		1	24	16.25	16.21	16.21	17.00	0
		12	0	15.27	15.28	15.19	16.00	1
		12	6	15.24	15.33	15.14	16.00	1
		12	13	15.22	15.23	15.18	16.00	1
		25	0	15.14	15.28	15.25	16.00	1
5	16-QAM	1	0	15.25	15.19	15.32	16.00	1
		1	12	15.30	15.21	15.21	16.00	1
		1	24	15.17	15.14	15.32	16.00	1
		12	0	14.19	14.19	14.23	15.00	2
		12	6	14.16	14.28	14.19	15.00	2
		12	13	14.17	14.20	14.28	15.00	2
		25	0	14.18	14.31	14.19	15.00	2
5	64-QAM	1	0	14.20	14.27	14.23	15.00	2
		1	12	14.25	14.26	14.18	15.00	2
		1	24	14.27	14.25	14.18	15.00	2
		12	0	13.29	13.22	13.16	14.00	3
		12	6	13.21	13.23	13.33	14.00	3
		12	13	13.30	13.28	13.20	14.00	3
		25	0	13.17	13.32	13.24	14.00	3
5	256-QAM	1	0	13.26	13.21	13.18	14.00	3
		1	12	13.21	13.15	13.26	14.00	3
		1	24	13.19	13.18	13.29	14.00	3
		12	0	12.25	12.21	12.16	13.00	4
		12	6	12.23	12.19	12.28	13.00	4
		12	13	12.17	12.32	12.27	13.00	4
		25	0	12.19	12.15	12.19	13.00	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	15.69	15.78	15.62	15.56	15.51	16.00	0
		1	50	15.47	15.32	15.46	15.40	15.35	16.00	0
		1	99	15.29	15.37	15.38	15.40	15.38	16.00	0
		50	0	14.37	14.38	14.41	14.45	14.32	15.00	1
		50	25	14.31	14.31	14.41	14.39	14.31	15.00	1
		50	50	14.43	14.30	14.44	14.48	14.40	15.00	1
20	16-QAM	100	0	14.36	14.47	14.30	14.34	14.32	15.00	1
		1	0	14.37	14.30	14.32	14.46	14.47	15.00	1
		1	50	14.45	14.43	14.31	14.38	14.34	15.00	1
		1	99	14.45	14.32	14.45	14.46	14.46	15.00	1
		50	0	13.38	13.30	13.40	13.39	13.35	14.00	2
		50	25	13.43	13.39	13.46	13.33	13.47	14.00	2
20	64-QAM	50	50	13.33	13.35	13.30	13.47	13.41	14.00	2
		100	0	13.31	13.47	13.30	13.48	13.37	14.00	2
		1	0	13.49	13.33	13.34	13.42	13.49	14.00	2
		1	50	13.35	13.35	13.36	13.30	13.40	14.00	2
		1	99	13.49	13.35	13.44	13.38	13.48	14.00	2
		50	0	12.41	12.44	12.45	12.41	12.44	13.00	3
20	256-QAM	50	25	12.40	12.42	12.32	12.40	12.44	13.00	3
		50	50	12.45	12.39	12.39	12.37	12.35	13.00	3
		100	0	12.42	12.42	12.38	12.42	12.45	13.00	3
		1	0	12.49	12.34	12.31	12.37	12.44	13.00	3
		1	50	12.36	12.36	12.31	12.31	12.33	13.00	3
		1	99	12.44	12.48	12.35	12.33	12.35	13.00	3
20		50	0	11.32	11.42	11.44	11.34	11.36	12.00	4
		50	25	11.33	11.33	11.46	11.37	11.39	12.00	4
		50	50	11.40	11.38	11.37	11.42	11.44	12.00	4
		100	0	11.45	11.35	11.39	11.47	11.33	12.00	4

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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)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	15.34	15.37	15.44	15.36	15.31	16.00	0
		1	36	15.42	15.36	15.43	15.41	15.46	16.00	0
		1	74	15.33	15.44	15.44	15.35	15.31	16.00	0
		36	0	14.47	14.31	14.48	14.42	14.30	15.00	1
		36	18	14.41	14.32	14.36	14.34	14.37	15.00	1
		36	37	14.42	14.30	14.45	14.48	14.42	15.00	1
15	16-QAM	75	0	14.36	14.37	14.32	14.30	14.37	15.00	1
		1	0	14.30	14.35	14.37	14.33	14.35	15.00	1
		1	36	14.40	14.36	14.31	14.47	14.43	15.00	1
		1	74	14.40	14.39	14.33	14.47	14.45	15.00	1
		36	0	13.40	13.38	13.43	13.44	13.48	14.00	2
		36	18	13.41	13.41	13.31	13.38	13.33	14.00	2
15	64-QAM	36	37	13.47	13.46	13.47	13.49	13.43	14.00	2
		75	0	13.33	13.35	13.30	13.37	13.31	14.00	2
		1	0	13.38	13.29	13.45	13.31	13.32	14.00	2
		1	36	13.40	13.37	13.45	13.31	13.35	14.00	2
		1	74	13.48	13.39	13.37	13.44	13.48	14.00	2
		36	0	12.31	12.43	12.35	12.33	12.47	13.00	3
15	256-QAM	36	18	12.48	12.45	12.46	12.39	12.32	13.00	3
		36	37	12.39	12.44	12.42	12.29	12.38	13.00	3
		75	0	12.47	12.39	12.44	12.30	12.30	13.00	3
		1	0	12.35	12.37	12.31	12.43	12.45	13.00	3
		1	36	12.33	12.32	12.46	12.48	12.46	13.00	3
		1	74	12.29	12.47	12.43	12.32	12.43	13.00	3
15		36	0	11.46	11.36	11.44	11.31	11.47	12.00	4
		36	18	11.45	11.42	11.44	11.45	11.48	12.00	4
		36	37	11.44	11.47	11.47	11.47	11.41	12.00	4
		75	0	11.34	11.38	11.31	11.45	11.37	12.00	4

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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)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	15.30	15.40	15.30	15.42	15.44	16.00	0
		1	25	15.30	15.32	15.41	15.47	15.29	16.00	0
		1	49	15.37	15.31	15.31	15.46	15.35	16.00	0
		25	0	14.44	14.36	14.48	14.37	14.47	15.00	1
		25	12	14.40	14.45	14.46	14.33	14.48	15.00	1
		25	25	14.40	14.35	14.30	14.44	14.34	15.00	1
10	16-QAM	50	0	14.46	14.31	14.48	14.45	14.46	15.00	1
		1	0	14.40	14.45	14.39	14.45	14.38	15.00	1
		1	25	14.33	14.38	14.48	14.39	14.38	15.00	1
		1	49	14.41	14.33	14.34	14.34	14.31	15.00	1
		25	0	13.41	13.34	13.45	13.47	13.32	14.00	2
		25	12	13.32	13.37	13.48	13.41	13.30	14.00	2
10	64-QAM	25	25	13.32	13.40	13.43	13.30	13.38	14.00	2
		50	0	13.46	13.31	13.46	13.29	13.38	14.00	2
		1	0	13.36	13.30	13.43	13.45	13.47	14.00	2
		1	25	13.37	13.46	13.38	13.30	13.30	14.00	2
		1	49	13.38	13.31	13.43	13.36	13.47	14.00	2
		25	0	12.31	12.45	12.29	12.41	12.30	13.00	3
10	256-QAM	25	12	12.35	12.31	12.33	12.31	12.36	13.00	3
		25	25	12.35	12.33	12.47	12.45	12.38	13.00	3
		50	0	12.37	12.39	12.47	12.36	12.40	13.00	3
		1	0	12.29	12.33	12.31	12.49	12.42	13.00	3
		1	25	12.34	12.40	12.41	12.36	12.34	13.00	3
		1	49	12.43	12.47	12.48	12.47	12.37	13.00	3
10	256-QAM	25	0	11.41	11.40	11.48	11.43	11.35	12.00	4
		25	12	11.36	11.44	11.42	11.42	11.47	12.00	4
		25	25	11.32	11.40	11.35	11.38	11.49	12.00	4
		50	0	11.36	11.38	11.37	11.33	11.37	12.00	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	15.33	15.47	15.43	15.47	15.46	16.00	0
		1	12	15.46	15.45	15.34	15.30	15.45	16.00	0
		1	24	15.36	15.37	15.41	15.39	15.42	16.00	0
		12	0	14.36	14.33	14.32	14.46	14.34	15.00	1
		12	6	14.42	14.31	14.33	14.30	14.38	15.00	1
		12	13	14.36	14.30	14.36	14.39	14.34	15.00	1
5	16-QAM	25	0	14.30	14.31	14.38	14.35	14.45	15.00	1
		1	0	14.36	14.35	14.35	14.33	14.41	15.00	1
		1	12	14.38	14.31	14.47	14.31	14.43	15.00	1
		1	24	14.44	14.32	14.29	14.45	14.43	15.00	1
		12	0	13.47	13.35	13.48	13.29	13.46	14.00	2
		12	6	13.41	13.30	13.42	13.31	13.41	14.00	2
5	64-QAM	12	13	13.36	13.43	13.37	13.36	13.30	14.00	2
		25	0	13.32	13.29	13.44	13.49	13.33	14.00	2
		1	0	13.42	13.31	13.30	13.41	13.43	14.00	2
		1	12	13.39	13.46	13.37	13.46	13.40	14.00	2
		1	24	13.34	13.40	13.33	13.46	13.48	14.00	2
		12	0	12.42	12.44	12.44	12.38	12.42	13.00	3
5	256-QAM	12	6	12.44	12.34	12.47	12.31	12.38	13.00	3
		12	13	12.34	12.37	12.34	12.32	12.37	13.00	3
		25	0	12.33	12.30	12.33	12.44	12.49	13.00	3
		1	0	12.45	12.41	12.31	12.40	12.34	13.00	3
		1	12	12.39	12.42	12.43	12.34	12.46	13.00	3
		1	24	12.36	12.49	12.35	12.34	12.32	13.00	3
5		12	0	11.47	11.33	11.49	11.34	11.37	12.00	4
		12	6	11.30	11.35	11.34	11.33	11.48	12.00	4
		12	13	11.37	11.36	11.44	11.39	11.35	12.00	4
		25	0	11.47	11.30	11.40	11.39	11.29	12.00	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	17.84	17.73	17.70	18.00	0
		1	50	17.58	17.61	17.59	18.00	0
		1	99	17.68	17.51	17.58	18.00	0
		50	0	16.55	16.67	16.60	17.00	1
		50	25	16.64	16.63	16.66	17.00	1
		50	50	16.60	16.53	16.64	17.00	1
		100	0	16.54	16.52	16.48	17.00	1
20	16-QAM	1	0	16.67	16.54	16.51	17.00	1
		1	50	16.58	16.61	16.57	17.00	1
		1	99	16.61	16.57	16.62	17.00	1
		50	0	15.55	15.68	15.54	16.00	2
		50	25	15.61	15.65	15.64	16.00	2
		50	50	15.51	15.61	15.50	16.00	2
		100	0	15.60	15.63	15.52	16.00	2
20	64-QAM	1	0	15.49	15.50	15.51	16.00	2
		1	50	15.48	15.60	15.61	16.00	2
		1	99	15.65	15.53	15.62	16.00	2
		50	0	14.59	14.65	14.64	15.00	3
		50	25	14.52	14.67	14.63	15.00	3
		50	50	14.57	14.66	14.51	15.00	3
		100	0	14.58	14.62	14.55	15.00	3
20	256-QAM	1	0	14.68	14.54	14.67	15.00	3
		1	50	14.59	14.63	14.62	15.00	3
		1	99	14.64	14.58	14.51	15.00	3
		50	0	13.62	13.64	13.50	14.00	4
		50	25	13.61	13.65	13.65	14.00	4
		50	50	13.53	13.49	13.54	14.00	4
		100	0	13.67	13.57	13.60	14.00	4

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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	17.50	17.63	17.56	18.00	0
		1	36	17.64	17.65	17.55	18.00	0
		1	74	17.48	17.65	17.53	18.00	0
		36	0	16.53	16.64	16.49	17.00	1
		36	18	16.57	16.54	16.61	17.00	1
		36	37	16.54	16.63	16.55	17.00	1
		75	0	16.60	16.54	16.57	17.00	1
15	16-QAM	1	0	16.61	16.66	16.67	17.00	1
		1	36	16.57	16.49	16.52	17.00	1
		1	74	16.64	16.62	16.62	17.00	1
		36	0	15.55	15.60	15.57	16.00	2
		36	18	15.49	15.62	15.49	16.00	2
		36	37	15.49	15.52	15.62	16.00	2
		75	0	15.59	15.54	15.66	16.00	2
15	64-QAM	1	0	15.57	15.59	15.64	16.00	2
		1	36	15.52	15.60	15.59	16.00	2
		1	74	15.60	15.57	15.66	16.00	2
		36	0	14.49	14.58	14.51	15.00	3
		36	18	14.64	14.54	14.57	15.00	3
		36	37	14.60	14.57	14.58	15.00	3
		75	0	14.67	14.62	14.55	15.00	3
15	256-QAM	1	0	14.59	14.65	14.53	15.00	3
		1	36	14.49	14.65	14.63	15.00	3
		1	74	14.51	14.65	14.66	15.00	3
		36	0	13.65	13.57	13.64	14.00	4
		36	18	13.54	13.58	13.51	14.00	4
		36	37	13.51	13.67	13.54	14.00	4
		75	0	13.56	13.64	13.56	14.00	4

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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	17.67	17.53	17.48	18.00	0
		1	25	17.62	17.59	17.63	18.00	0
		1	49	17.48	17.59	17.55	18.00	0
		25	0	16.63	16.62	16.61	17.00	1
		25	12	16.57	16.53	16.67	17.00	1
		25	25	16.65	16.60	16.55	17.00	1
		50	0	16.67	16.62	16.59	17.00	1
10	16-QAM	1	0	16.56	16.53	16.55	17.00	1
		1	25	16.58	16.56	16.51	17.00	1
		1	49	16.61	16.66	16.58	17.00	1
		25	0	15.60	15.50	15.55	16.00	2
		25	12	15.56	15.56	15.65	16.00	2
		25	25	15.56	15.55	15.53	16.00	2
		50	0	15.51	15.57	15.63	16.00	2
10	64-QAM	1	0	15.50	15.63	15.49	16.00	2
		1	25	15.59	15.64	15.52	16.00	2
		1	49	15.61	15.60	15.56	16.00	2
		25	0	14.60	14.51	14.63	15.00	3
		25	12	14.59	14.55	14.49	15.00	3
		25	25	14.62	14.51	14.68	15.00	3
		50	0	14.59	14.63	14.59	15.00	3
10	256-QAM	1	0	14.66	14.64	14.49	15.00	3
		1	25	14.61	14.55	14.49	15.00	3
		1	49	14.49	14.62	14.48	15.00	3
		25	0	13.52	13.64	13.62	14.00	4
		25	12	13.66	13.49	13.52	14.00	4
		25	25	13.62	13.58	13.49	14.00	4
		50	0	13.53	13.58	13.58	14.00	4

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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	17.61	17.58	17.64	18.00	0
		1	12	17.48	17.60	17.66	18.00	0
		1	24	17.59	17.58	17.49	18.00	0
		12	0	16.67	16.64	16.60	17.00	1
		12	6	16.49	16.58	16.52	17.00	1
		12	13	16.65	16.50	16.51	17.00	1
		25	0	16.57	16.49	16.55	17.00	1
5	16-QAM	1	0	16.52	16.66	16.58	17.00	1
		1	12	16.68	16.48	16.58	17.00	1
		1	24	16.57	16.64	16.58	17.00	1
		12	0	15.56	15.54	15.60	16.00	2
		12	6	15.65	15.60	15.62	16.00	2
		12	13	15.64	15.59	15.58	16.00	2
		25	0	15.52	15.64	15.58	16.00	2
5	64-QAM	1	0	15.56	15.55	15.64	16.00	2
		1	12	15.59	15.65	15.55	16.00	2
		1	24	15.63	15.49	15.51	16.00	2
		12	0	14.55	14.58	14.60	15.00	3
		12	6	14.66	14.65	14.59	15.00	3
		12	13	14.64	14.51	14.54	15.00	3
		25	0	14.54	14.66	14.66	15.00	3
5	256-QAM	1	0	14.58	14.54	14.65	15.00	3
		1	12	14.68	14.55	14.64	15.00	3
		1	24	14.54	14.68	14.63	15.00	3
		12	0	13.55	13.50	13.63	14.00	4
		12	6	13.67	13.65	13.53	14.00	4
		12	13	13.66	13.57	13.54	14.00	4
		25	0	13.59	13.50	13.49	14.00	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	17.58	17.61	17.63	18.00	0
		1	50	17.37	17.52	17.43	18.00	0
		1	99	17.38	17.47	17.39	18.00	0
		50	0	16.41	16.39	16.37	17.00	1
		50	25	16.39	16.53	16.40	17.00	1
		50	50	16.39	16.41	16.47	17.00	1
		100	0	16.55	16.48	16.51	17.00	1
20	16-QAM	1	0	16.51	16.40	16.55	17.00	1
		1	50	16.44	16.43	16.37	17.00	1
		1	99	16.37	16.55	16.43	17.00	1
		50	0	15.54	15.44	15.37	16.00	2
		50	25	15.52	15.46	15.55	16.00	2
		50	50	15.45	15.38	15.56	16.00	2
		100	0	15.39	15.39	15.49	16.00	2
20	64-QAM	1	0	15.38	15.50	15.46	16.00	2
		1	50	15.55	15.45	15.36	16.00	2
		1	99	15.51	15.43	15.51	16.00	2
		50	0	14.44	14.37	14.55	15.00	3
		50	25	14.50	14.44	14.44	15.00	3
		50	50	14.39	14.44	14.53	15.00	3
		100	0	14.47	14.49	14.44	15.00	3
20	256-QAM	1	0	14.41	14.37	14.55	15.00	3
		1	50	14.43	14.48	14.42	15.00	3
		1	99	14.51	14.42	14.49	15.00	3
		50	0	13.48	13.45	13.46	14.00	4
		50	25	13.39	13.43	13.43	14.00	4
		50	50	13.47	13.49	13.50	14.00	4
		100	0	13.51	13.42	13.53	14.00	4

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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	17.40	17.54	17.50	18.00	0
		1	36	17.45	17.56	17.53	18.00	0
		1	74	17.41	17.52	17.45	18.00	0
		36	0	16.40	16.53	16.42	17.00	1
		36	18	16.47	16.47	16.43	17.00	1
		36	37	16.53	16.55	16.39	17.00	1
		75	0	16.44	16.39	16.46	17.00	1
15	16-QAM	1	0	16.53	16.39	16.41	17.00	1
		1	36	16.51	16.50	16.39	17.00	1
		1	74	16.38	16.38	16.54	17.00	1
		36	0	15.38	15.51	15.56	16.00	2
		36	18	15.41	15.41	15.55	16.00	2
		36	37	15.49	15.52	15.40	16.00	2
		75	0	15.47	15.53	15.51	16.00	2
15	64-QAM	1	0	15.47	15.47	15.52	16.00	2
		1	36	15.38	15.40	15.42	16.00	2
		1	74	15.40	15.52	15.41	16.00	2
		36	0	14.44	14.47	14.50	15.00	3
		36	18	14.51	14.46	14.51	15.00	3
		36	37	14.47	14.41	14.39	15.00	3
		75	0	14.54	14.55	14.42	15.00	3
15	256-QAM	1	0	14.41	14.52	14.49	15.00	3
		1	36	14.50	14.37	14.39	15.00	3
		1	74	14.53	14.54	14.36	15.00	3
		36	0	13.39	13.54	13.42	14.00	4
		36	18	13.43	13.48	13.45	14.00	4
		36	37	13.45	13.51	13.52	14.00	4
		75	0	13.38	13.41	13.55	14.00	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)				3555	3575	3595		
Channel				43140	43340	43540		
10	QPSK	1	0	17.53	17.47	17.54	18.00	0
		1	25	17.56	17.48	17.47	18.00	0
		1	49	17.49	17.55	17.38	18.00	0
		25	0	16.47	16.40	16.53	17.00	1
		25	12	16.39	16.53	16.40	17.00	1
		25	25	16.48	16.41	16.41	17.00	1
		50	0	16.48	16.49	16.42	17.00	1
10	16-QAM	1	0	16.41	16.51	16.43	17.00	1
		1	25	16.41	16.39	16.39	17.00	1
		1	49	16.42	16.53	16.52	17.00	1
		25	0	15.36	15.41	15.45	16.00	2
		25	12	15.48	15.48	15.45	16.00	2
		25	25	15.44	15.45	15.44	16.00	2
		50	0	15.50	15.45	15.49	16.00	2
10	64-QAM	1	0	15.45	15.44	15.39	16.00	2
		1	25	15.55	15.45	15.43	16.00	2
		1	49	15.50	15.43	15.49	16.00	2
		25	0	14.37	14.51	14.51	15.00	3
		25	12	14.53	14.43	14.54	15.00	3
		25	25	14.41	14.41	14.47	15.00	3
		50	0	14.46	14.48	14.38	15.00	3
10	256-QAM	1	0	14.39	14.55	14.44	15.00	3
		1	25	14.52	14.46	14.52	15.00	3
		1	49	14.40	14.42	14.44	15.00	3
		25	0	13.41	13.38	13.54	14.00	4
		25	12	13.41	13.48	13.47	14.00	4
		25	25	13.52	13.42	13.48	14.00	4
		50	0	13.44	13.46	13.55	14.00	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	17.45	17.43	17.55	18.00	0
		1	12	17.44	17.53	17.52	18.00	0
		1	24	17.45	17.43	17.52	18.00	0
		12	0	16.42	16.55	16.36	17.00	1
		12	6	16.42	16.50	16.44	17.00	1
		12	13	16.47	16.50	16.48	17.00	1
		25	0	16.54	16.42	16.43	17.00	1
5	16-QAM	1	0	16.45	16.37	16.48	17.00	1
		1	12	16.48	16.54	16.52	17.00	1
		1	24	16.43	16.43	16.48	17.00	1
		12	0	15.56	15.47	15.46	16.00	2
		12	6	15.37	15.48	15.52	16.00	2
		12	13	15.48	15.39	15.56	16.00	2
		25	0	15.42	15.47	15.47	16.00	2
5	64-QAM	1	0	15.56	15.39	15.49	16.00	2
		1	12	15.53	15.41	15.37	16.00	2
		1	24	15.47	15.50	15.53	16.00	2
		12	0	14.43	14.53	14.45	15.00	3
		12	6	14.54	14.43	14.54	15.00	3
		12	13	14.44	14.45	14.50	15.00	3
		25	0	14.48	14.39	14.37	15.00	3
5	256-QAM	1	0	14.52	14.55	14.40	15.00	3
		1	12	14.45	14.52	14.51	15.00	3
		1	24	14.41	14.50	14.40	15.00	3
		12	0	13.50	13.39	13.43	14.00	4
		12	6	13.42	13.45	13.53	14.00	4
		12	13	13.49	13.48	13.37	14.00	4
		25	0	13.51	13.38	13.37	14.00	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)				3660	3662.5	3665		
Channel				44190	44215	44240		
20	QPSK	1	0	17.35	17.33	17.30	18.00	0
		1	50	17.17	17.11	17.18	18.00	0
		1	99	17.20	17.16	17.13	18.00	0
		50	0	16.20	16.20	16.20	17.00	1
		50	25	16.25	16.12	16.13	17.00	1
		50	50	16.10	16.25	16.26	17.00	1
		100	0	16.21	16.12	16.09	17.00	1
20	16-QAM	1	0	16.20	16.24	16.22	17.00	1
		1	50	16.22	16.17	16.12	17.00	1
		1	99	16.19	16.20	16.18	17.00	1
		50	0	15.15	15.25	15.25	16.00	2
		50	25	15.12	15.10	15.14	16.00	2
		50	50	15.13	15.28	15.08	16.00	2
		100	0	15.17	15.22	15.13	16.00	2
20	64-QAM	1	0	15.12	15.15	15.13	16.00	2
		1	50	15.25	15.23	15.24	16.00	2
		1	99	15.19	15.11	15.16	16.00	2
		50	0	14.15	14.14	14.27	15.00	3
		50	25	14.25	14.24	14.25	15.00	3
		50	50	14.15	14.14	14.24	15.00	3
		100	0	14.19	14.27	14.19	15.00	3
20	256-QAM	1	0	14.17	14.21	14.10	15.00	3
		1	50	14.14	14.26	14.08	15.00	3
		1	99	14.16	14.25	14.13	15.00	3
		50	0	13.20	13.10	13.19	14.00	4
		50	25	13.24	13.19	13.11	14.00	4
		50	50	13.23	13.10	13.14	14.00	4
		100	0	13.25	13.15	13.22	14.00	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)				3657.5	3662.5	3667.5		
Channel				44165	44215	44265		
15	QPSK	1	0	17.11	17.17	17.24	18.00	0
		1	36	17.19	17.10	17.20	18.00	0
		1	74	17.22	17.08	17.19	18.00	0
		36	0	16.21	16.12	16.22	17.00	1
		36	18	16.11	16.10	16.26	17.00	1
		36	37	16.17	16.26	16.11	17.00	1
		75	0	16.23	16.14	16.26	17.00	1
15	16-QAM	1	0	16.12	16.19	16.12	17.00	1
		1	36	16.12	16.27	16.10	17.00	1
		1	74	16.16	16.08	16.13	17.00	1
		36	0	15.09	15.24	15.22	16.00	2
		36	18	15.27	15.23	15.25	16.00	2
		36	37	15.24	15.17	15.17	16.00	2
		75	0	15.20	15.17	15.10	16.00	2
15	64-QAM	1	0	15.28	15.12	15.21	16.00	2
		1	36	15.24	15.13	15.08	16.00	2
		1	74	15.17	15.21	15.18	16.00	2
		36	0	14.23	14.12	14.14	15.00	3
		36	18	14.27	14.26	14.14	15.00	3
		36	37	14.18	14.09	14.22	15.00	3
		75	0	14.13	14.22	14.17	15.00	3
15	256-QAM	1	0	14.11	14.08	14.12	15.00	3
		1	36	14.23	14.19	14.27	15.00	3
		1	74	14.22	14.12	14.10	15.00	3
		36	0	13.13	13.25	13.14	14.00	4
		36	18	13.21	13.17	13.25	14.00	4
		36	37	13.20	13.24	13.14	14.00	4
		75	0	13.21	13.10	13.20	14.00	4

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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)				3655	3662.5	3670		
Channel				44140	44215	44290		
10	QPSK	1	0	17.17	17.27	17.12	18.00	0
		1	25	17.09	17.16	17.14	18.00	0
		1	49	17.18	17.14	17.24	18.00	0
		25	0	16.20	16.20	16.17	17.00	1
		25	12	16.11	16.10	16.18	17.00	1
		25	25	16.23	16.22	16.28	17.00	1
		50	0	16.23	16.15	16.27	17.00	1
10	16-QAM	1	0	16.26	16.22	16.10	17.00	1
		1	25	16.26	16.13	16.23	17.00	1
		1	49	16.27	16.15	16.17	17.00	1
		25	0	15.24	15.24	15.12	16.00	2
		25	12	15.28	15.28	15.20	16.00	2
		25	25	15.17	15.24	15.08	16.00	2
		50	0	15.21	15.18	15.09	16.00	2
10	64-QAM	1	0	15.09	15.24	15.10	16.00	2
		1	25	15.24	15.13	15.10	16.00	2
		1	49	15.11	15.22	15.27	16.00	2
		25	0	14.27	14.19	14.09	15.00	3
		25	12	14.23	14.23	14.20	15.00	3
		25	25	14.25	14.14	14.20	15.00	3
		50	0	14.11	14.26	14.25	15.00	3
10	256-QAM	1	0	14.10	14.21	14.14	15.00	3
		1	25	14.19	14.23	14.19	15.00	3
		1	49	14.27	14.14	14.16	15.00	3
		25	0	13.18	13.26	13.16	14.00	4
		25	12	13.13	13.19	13.23	14.00	4
		25	25	13.22	13.22	13.21	14.00	4
		50	0	13.21	13.24	13.10	14.00	4

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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)				3652.5	3662.5	3672.5		
Channel				44115	44215	44315		
5	QPSK	1	0	17.10	17.14	17.13	18.00	0
		1	12	17.13	17.12	17.21	18.00	0
		1	24	17.14	17.08	17.17	18.00	0
		12	0	16.27	16.27	16.14	17.00	1
		12	6	16.22	16.19	16.16	17.00	1
		12	13	16.22	16.13	16.19	17.00	1
		25	0	16.22	16.20	16.21	17.00	1
5	16-QAM	1	0	16.12	16.26	16.17	17.00	1
		1	12	16.12	16.22	16.09	17.00	1
		1	24	16.26	16.14	16.20	17.00	1
		12	0	15.20	15.19	15.15	16.00	2
		12	6	15.21	15.20	15.23	16.00	2
		12	13	15.12	15.24	15.18	16.00	2
		25	0	15.08	15.22	15.10	16.00	2
5	64-QAM	1	0	15.11	15.13	15.24	16.00	2
		1	12	15.21	15.11	15.21	16.00	2
		1	24	15.21	15.08	15.17	16.00	2
		12	0	14.18	14.26	14.19	15.00	3
		12	6	14.20	14.10	14.15	15.00	3
		12	13	14.23	14.24	14.10	15.00	3
		25	0	14.20	14.20	14.24	15.00	3
5	256-QAM	1	0	14.23	14.25	14.20	15.00	3
		1	12	14.12	14.20	14.08	15.00	3
		1	24	14.26	14.13	14.16	15.00	3
		12	0	13.11	13.28	13.16	14.00	4
		12	6	13.10	13.27	13.22	14.00	4
		12	13	13.23	13.12	13.19	14.00	4
		25	0	13.19	13.13	13.11	14.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	17.21	17.40	17.32	17.39	18.00	0
		1	50	17.13	17.05	17.14	17.01	18.00	0
		1	99	17.13	17.01	17.02	17.13	18.00	0
		50	0	16.01	16.12	16.09	16.19	17.00	1
		50	25	16.11	16.17	15.99	16.01	17.00	1
		50	50	16.18	16.13	16.01	16.10	17.00	1
		100	0	16.02	16.10	16.02	16.16	17.00	1
20	16-QAM	1	0	16.16	16.17	16.02	16.15	17.00	1
		1	50	16.03	16.18	16.09	16.05	17.00	1
		1	99	16.00	16.15	16.06	16.11	17.00	1
		50	0	15.11	15.08	15.00	15.06	16.00	2
		50	25	15.09	15.12	15.10	15.17	16.00	2
		50	50	15.04	15.14	15.06	15.06	16.00	2
		100	0	15.01	15.07	15.06	15.06	16.00	2
20	64-QAM	1	0	15.09	15.16	15.00	15.14	16.00	2
		1	50	15.01	15.01	15.01	15.18	16.00	2
		1	99	15.11	15.03	15.06	15.12	16.00	2
		50	0	14.04	14.15	14.13	14.06	15.00	3
		50	25	14.13	13.99	14.10	14.13	15.00	3
		50	50	14.18	14.02	14.02	14.04	15.00	3
		100	0	14.13	14.04	14.06	14.17	15.00	3
20	256-QAM	1	0	14.12	14.10	14.06	14.04	15.00	3
		1	50	14.10	14.13	14.12	14.02	15.00	3
		1	99	14.18	14.04	14.09	14.07	15.00	3
		50	0	13.13	13.12	13.04	13.18	14.00	4
		50	25	13.08	13.11	13.01	13.07	14.00	4
		50	50	13.14	13.06	13.07	13.11	14.00	4
		100	0	13.09	13.07	13.14	13.06	14.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	17.14	17.01	17.12	17.04	18.00	0
		1	36	17.11	17.16	17.07	17.04	18.00	0
		1	74	17.13	17.14	17.04	17.09	18.00	0
		36	0	16.06	16.13	16.18	16.17	17.00	1
		36	18	16.03	16.12	16.14	16.13	17.00	1
		36	37	16.00	16.15	16.13	16.04	17.00	1
		75	0	16.03	16.15	15.99	16.13	17.00	1
15	16-QAM	1	0	16.10	16.09	16.04	16.03	17.00	1
		1	36	16.14	16.05	16.04	16.10	17.00	1
		1	74	16.07	16.05	15.99	16.04	17.00	1
		36	0	15.12	14.99	15.03	15.02	16.00	2
		36	18	15.09	15.14	15.03	15.12	16.00	2
		36	37	15.12	15.12	15.11	15.05	16.00	2
		75	0	14.99	15.03	15.13	15.06	16.00	2
15	64-QAM	1	0	15.16	15.04	15.01	15.16	16.00	2
		1	36	14.99	15.16	15.06	15.10	16.00	2
		1	74	15.16	15.11	15.13	15.18	16.00	2
		36	0	14.04	14.17	14.03	14.07	15.00	3
		36	18	14.09	14.05	14.03	14.14	15.00	3
		36	37	14.10	14.14	14.02	14.06	15.00	3
		75	0	14.19	14.09	14.09	14.07	15.00	3
15	256-QAM	1	0	14.01	14.06	14.14	14.08	15.00	3
		1	36	14.06	14.13	14.14	14.10	15.00	3
		1	74	14.15	14.09	14.07	14.04	15.00	3
		36	0	13.04	13.04	13.11	13.09	14.00	4
		36	18	13.13	13.11	13.09	13.02	14.00	4
		36	37	13.07	13.05	13.02	13.00	14.00	4
		75	0	13.10	13.19	12.99	13.15	14.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
Channel				55290	55815	56165	56690		
10	QPSK	1	0	17.03	17.11	17.13	17.12	18.00	0
		1	25	17.02	17.11	17.18	17.16	18.00	0
		1	49	17.03	17.09	17.09	17.18	18.00	0
		25	0	16.02	16.11	16.16	16.09	17.00	1
		25	12	16.09	16.16	16.13	16.09	17.00	1
		25	25	16.02	16.12	16.10	16.12	17.00	1
		50	0	16.12	16.00	16.14	16.17	17.00	1
10	16-QAM	1	0	16.00	16.03	16.00	16.06	17.00	1
		1	25	16.04	16.08	16.04	16.14	17.00	1
		1	49	16.04	16.06	16.18	16.11	17.00	1
		25	0	15.13	15.05	15.08	15.16	16.00	2
		25	12	15.07	15.15	15.14	15.00	16.00	2
		25	25	15.10	15.17	15.07	15.04	16.00	2
		50	0	15.09	15.14	15.18	15.07	16.00	2
10	64-QAM	1	0	15.06	15.04	15.18	15.07	16.00	2
		1	25	15.13	15.06	15.14	15.15	16.00	2
		1	49	15.10	15.04	15.02	15.16	16.00	2
		25	0	14.14	14.11	14.17	14.15	15.00	3
		25	12	14.18	14.02	14.00	14.15	15.00	3
		25	25	14.11	13.99	14.14	14.13	15.00	3
		50	0	14.09	14.17	14.08	14.06	15.00	3
10	256-QAM	1	0	14.01	14.09	14.11	14.10	15.00	3
		1	25	14.08	14.14	14.03	14.01	15.00	3
		1	49	14.19	14.18	14.06	14.00	15.00	3
		25	0	13.02	13.12	13.11	13.04	14.00	4
		25	12	13.03	13.09	13.11	13.01	14.00	4
		25	25	13.01	13.05	13.06	13.04	14.00	4
		50	0	13.00	13.03	13.13	13.00	14.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
Channel				55265	55810	56170	56715		
5	QPSK	1	0	16.99	17.12	17.19	17.14	18.00	0
		1	12	17.05	17.07	17.08	16.99	18.00	0
		1	24	17.08	17.01	17.03	17.18	18.00	0
		12	0	16.18	16.09	16.08	16.03	17.00	1
		12	6	16.14	16.00	16.17	16.09	17.00	1
		12	13	16.17	15.99	16.16	16.15	17.00	1
		25	0	16.02	16.14	16.18	16.15	17.00	1
5	16-QAM	1	0	16.08	16.08	16.01	16.06	17.00	1
		1	12	16.04	16.07	16.11	16.02	17.00	1
		1	24	16.17	16.15	16.11	16.07	17.00	1
		12	0	15.16	15.10	15.15	15.02	16.00	2
		12	6	15.16	15.06	15.06	15.12	16.00	2
		12	13	15.07	15.03	15.04	15.16	16.00	2
		25	0	15.06	15.19	15.04	15.13	16.00	2
5	64-QAM	1	0	15.00	15.04	15.18	15.11	16.00	2
		1	12	15.10	15.16	15.15	15.14	16.00	2
		1	24	15.08	15.05	15.09	15.07	16.00	2
		12	0	14.10	14.17	14.01	14.13	15.00	3
		12	6	14.09	14.01	14.08	14.08	15.00	3
		12	13	14.06	14.08	14.16	14.08	15.00	3
		25	0	14.07	14.00	14.03	14.02	15.00	3
5	256-QAM	1	0	14.00	14.15	14.04	14.16	15.00	3
		1	12	14.06	14.09	14.14	14.00	15.00	3
		1	24	14.11	14.13	14.09	14.03	15.00	3
		12	0	13.11	13.15	13.18	13.09	14.00	4
		12	6	13.13	13.10	13.08	13.00	14.00	4
		12	13	13.06	13.06	13.14	13.14	14.00	4
		25	0	13.09	13.12	13.10	13.12	14.00	4

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7.3 FDD NR

Full power

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	23.19	23.05	23.15	24.00	0.0
		1	53	23.13	22.95	22.95	24.00	0.0
		1	104	23.06	22.93	22.97	24.00	0.0
		50	0	22.61	22.51	22.54	23.50	0.5
		50	28	23.10	22.95	23.08	24.00	0.0
		50	56	22.64	22.40	22.63	23.50	0.5
		100	0	22.56	22.45	22.51	23.50	0.5
	QPSK	1	1	23.16	22.93	23.07	24.00	0.0
		1	53	23.14	22.91	23.02	24.00	0.0
		1	104	23.07	22.94	22.96	24.00	0.0
		50	0	22.14	21.95	22.10	23.00	1.0
		50	28	23.16	22.99	22.96	24.00	0.0
		50	56	22.13	21.90	22.12	23.00	1.0
		100	0	22.12	22.03	22.11	23.00	1.0
	16-QAM	1	1	22.16	22.00	22.07	23.00	1.0
	64QAM	1	1	20.61	20.45	20.48	21.50	2.5
	256-QAM	1	1	18.49	18.36	18.49	19.50	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	23.02	22.92	22.95	24.00	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	23.13	22.88	22.95	24.00	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	23.04	22.91	22.98	24.00	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	24.35	24.42	24.44	25.00	0.0
		1	53	24.32	24.39	24.25	25.00	0.0
		1	104	24.28	24.21	24.32	25.00	0.0
		50	0	23.77	23.71	23.92	24.50	0.5
		50	28	24.17	24.36	24.26	25.00	0.0
		50	56	23.65	23.86	23.78	24.50	0.5
		100	0	23.82	23.78	23.85	24.50	0.5
	QPSK	1	1	24.24	24.34	24.27	25.00	0.0
		1	53	24.28	24.29	24.31	25.00	0.0
		1	104	24.21	24.39	24.24	25.00	0.0
		50	0	23.33	23.29	23.41	24.00	1.0
		50	28	24.16	24.40	24.33	25.00	0.0
		50	56	23.25	23.27	23.35	24.00	1.0
		100	0	23.32	23.40	23.28	24.00	1.0
	16-QAM	1	1	23.20	23.27	23.28	24.00	1.0
	64QAM	1	1	21.72	21.80	21.78	22.50	2.5
	256-QAM	1	1	19.76	19.90	19.77	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	24.26	24.31	24.36	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)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	24.23	24.38	24.37	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)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	24.26	24.36	24.23	25.00	0.0

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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)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	23.04	23.01	22.96	24.00	0.0
		1	53	22.97	22.85	22.83	24.00	0.0
		1	104	22.99	22.89	22.85	24.00	0.0
		50	0	22.35	22.41	22.42	23.50	0.5
		50	28	22.93	22.88	22.80	24.00	0.0
		50	56	22.41	22.47	22.34	23.50	0.5
		100	0	22.39	22.40	22.37	23.50	0.5
	QPSK	1	1	23.02	22.83	22.81	24.00	0.0
		1	53	22.86	22.99	22.92	24.00	0.0
		1	104	22.92	22.85	22.94	24.00	0.0
		50	0	22.00	21.88	21.87	23.00	1.0
		50	28	22.98	22.82	22.93	24.00	0.0
		50	56	21.96	21.87	21.95	23.00	1.0
		100	0	21.84	21.86	21.81	23.00	1.0
	16-QAM	1	1	21.92	21.89	21.90	23.00	1.0
	64QAM	1	1	20.44	20.40	20.31	21.50	2.5
	256-QAM	1	1	18.53	18.32	18.38	19.50	4.5
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	23.01	22.98	22.94	24.00	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	22.97	22.86	22.89	24.00	0.0

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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)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	22.92	22.88	22.84	24.00	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	24.37	24.30	24.26	25.00	0.0
		1	40	24.32	24.19	24.11	25.00	0.0
		1	77	24.34	24.26	24.19	25.00	0.0
		36	0	23.68	23.68	23.67	24.50	0.5
		36	22	24.26	24.14	24.10	25.00	0.0
		36	43	23.81	23.77	23.62	24.50	0.5
		75	0	23.80	23.61	23.57	24.50	0.5
	QPSK	1	1	24.20	24.14	24.05	25.00	0.0
		1	40	24.19	24.29	24.16	25.00	0.0
		1	77	24.25	24.24	24.13	25.00	0.0
		36	0	23.24	23.22	23.16	24.00	1.0
		36	22	24.28	24.11	24.05	25.00	0.0
		36	43	23.34	23.24	23.05	24.00	1.0
		75	0	23.17	23.28	23.09	24.00	1.0
	16-QAM	1	1	23.30	23.13	23.20	24.00	1.0
	64QAM	1	1	21.66	21.75	21.69	22.50	2.5
	256-QAM	1	1	19.85	19.64	19.62	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	24.27	24.10	24.06	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	24.30	24.22	24.12	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		23.87		25.00	0.0
		1	26		23.86		25.00	0.0
		1	49		23.69		25.00	0.0
		25	0		23.24		24.50	0.5
		25	13		23.82		25.00	0.0
		25	26		23.25		24.50	0.5
		50	0		23.22		24.50	0.5
	QPSK	1	1		23.69		25.00	0.0
		1	26		23.79		25.00	0.0
		1	49		23.74		25.00	0.0
		25	0		22.69		24.00	1.0
		25	13		23.78		25.00	0.0
		25	26		22.79		24.00	1.0
		50	0		22.71		24.00	1.0
	16-QAM	1	1		22.79		24.00	1.0
	64QAM	1	1		21.31		22.50	2.5
	256-QAM	1	1		19.27		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	23.71	23.76	23.64	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		23.96		25.00	0.0
		1	26		23.83		25.00	0.0
		1	49		23.79		25.00	0.0
		25	0		23.29		24.50	0.5
		25	13		23.80		25.00	0.0
		25	26		23.28		24.50	0.5
		50	0		23.35		24.50	0.5
	QPSK	1	1		23.94		25.00	0.0
		1	26		23.80		25.00	0.0
		1	49		23.85		25.00	0.0
		25	0		22.82		24.00	1.0
		25	13		23.94		25.00	0.0
		25	26		22.87		24.00	1.0
		50	0		22.84		24.00	1.0
	16-QAM	1	1		22.76		24.00	1.0
	64QAM	1	1		21.35		22.50	2.5
	256-QAM	1	1		19.27		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	23.85	23.88	23.82	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	23.19	22.96	22.99	24.00	0.0
		1	53	22.99	22.88	22.87	24.00	0.0
		1	104	23.11	22.87	22.87	24.00	0.0
		50	0	22.58	22.39	22.44	23.50	0.5
		50	28	23.10	22.92	22.82	24.00	0.0
		50	56	22.57	22.30	22.29	23.50	0.5
		100	0	22.56	22.43	22.44	23.50	0.5
	QPSK	1	1	23.00	22.79	22.89	24.00	0.0
		1	53	23.02	22.84	22.82	24.00	0.0
		1	104	23.10	22.84	22.91	24.00	0.0
		50	0	22.09	21.87	21.83	23.00	1.0
		50	28	23.17	22.81	22.94	24.00	0.0
		50	56	22.03	21.82	21.80	23.00	1.0
		100	0	22.17	21.81	21.94	23.00	1.0
	16-QAM	1	1	22.06	21.91	21.81	23.00	1.0
	64QAM	1	1	20.59	20.39	20.31	21.50	2.5
	256-QAM	1	1	18.49	18.30	18.35	19.50	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	23.13	22.88	22.85	24.00	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	23.09	22.76	22.96	24.00	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	23.13	22.89	22.87	24.00	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)				824	831.5	839		
Channel				164800	166300	167800		
20	Pi/2 BPSK	1	1	24.40	24.35	24.38	25.00	0.0
		1	53	24.32	24.17	24.25	25.00	0.0
		1	104	24.21	24.18	24.24	25.00	0.0
		50	0	23.86	23.67	23.78	24.50	0.5
		50	28	24.19	24.28	24.27	25.00	0.0
		50	56	23.81	23.80	23.72	24.50	0.5
		100	0	23.75	23.68	23.75	24.50	0.5
	QPSK	1	1	24.19	24.24	24.19	25.00	0.0
		1	53	24.29	24.22	24.22	25.00	0.0
		1	104	24.20	24.15	24.20	25.00	0.0
		50	0	23.28	23.30	23.24	24.00	1.0
		50	28	24.26	24.24	24.36	25.00	0.0
		50	56	23.21	23.28	23.28	24.00	1.0
		100	0	23.38	23.28	23.22	24.00	1.0
	16-QAM	1	1	23.27	23.21	23.33	24.00	1.0
	64QAM	1	1	21.72	21.82	21.86	22.50	2.5
	256-QAM	1	1	19.76	19.83	19.81	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	24.21	24.17	24.24	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)				819	831.5	844		
Channel				163800	166300	168800		
10	Pi/2 BPSK	1	1	24.31	24.16	24.30	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)				816.5	831.5	846.5		
Channel				163300	166300	169300		
5	Pi/2 BPSK	1	1	24.37	24.32	24.27	25.00	0.0

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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)					2310			
Channel					462000			
10	Pi/2 BPSK	1	1		21.61		22.98	0.0
		1	26		21.52		22.98	0.0
		1	49		21.50		22.98	0.0
		25	0		20.91		22.48	0.5
		25	13		21.59		22.98	0.0
		25	26		21.05		22.48	0.5
		50	0		21.03		22.48	0.5
	QPSK	1	1		21.44		22.98	0.0
		1	26		21.45		22.98	0.0
		1	49		21.44		22.98	0.0
		25	0		20.57		21.98	1.0
		25	13		21.46		22.98	0.0
		25	26		20.50		21.98	1.0
		50	0		20.55		21.98	1.0
	16-QAM	1	1		20.61		21.98	1.0
	64QAM	1	1		19.05		20.48	2.5
	256-QAM	1	1		17.01		18.48	4.5
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	21.47	21.59	21.44	22.98	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	22.91	22.87	22.77	24.00	0.0
		1	53	22.88	22.73	22.57	24.00	0.0
		1	104	22.88	22.77	22.75	24.00	0.0
		50	0	22.22	22.27	22.11	23.50	0.5
		50	28	22.85	22.70	22.65	24.00	0.0
		50	56	22.28	22.18	22.08	23.50	0.5
		100	0	22.23	22.25	22.24	23.50	0.5
	QPSK	1	1	22.71	22.77	22.71	24.00	0.0
		1	53	22.87	22.69	22.64	24.00	0.0
		1	104	22.83	22.74	22.61	24.00	0.0
		50	0	21.73	21.85	21.66	23.00	1.0
		50	28	22.88	22.70	22.59	24.00	0.0
		50	56	21.84	21.75	21.60	23.00	1.0
		100	0	21.80	21.70	21.74	23.00	1.0
	16-QAM	1	1	21.83	21.82	21.74	23.00	1.0
	64QAM	1	1	20.36	20.30	20.24	21.50	2.5
	256-QAM	1	1	18.25	18.31	18.25	19.50	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	22.88	22.72	22.74	24.00	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)				1715	1745	1775		
Channel				343000	349000	355000		
10	Pi/2 BPSK	1	1	22.87	22.70	22.65	24.00	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)				1712.5	1745	1777.5		
Channel				342500	349000	355500		
5	Pi/2 BPSK	1	1	22.80	22.84	22.67	24.00	0.0

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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)					1702.5			
Channel					340500			
15	Pi/2 BPSK	1	1		23.21		24.00	0.0
		1	40		23.01		24.00	0.0
		1	77		23.19		24.00	0.0
		36	0		22.50		23.50	0.5
		36	22		23.03		24.00	0.0
		36	43		22.65		23.50	0.5
		75	0		22.57		23.50	0.5
	QPSK	1	1		23.01		24.00	0.0
		1	40		23.19		24.00	0.0
		1	77		23.06		24.00	0.0
		36	0		22.07		23.00	1.0
		36	22		23.04		24.00	0.0
		36	43		22.11		23.00	1.0
		75	0		22.01		23.00	1.0
	16-QAM	1	1		22.07		23.00	1.0
	64QAM	1	1		20.68		21.50	2.5
	256-QAM	1	1		18.59		19.50	4.5
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	23.08	23.13	22.96	24.00	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	22.89	23.02	22.74	24.00	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	24.40	24.49	24.45	25.00	0.0
		1	53	24.20	24.44	24.43	25.00	0.0
		1	104	24.27	24.35	24.43	25.00	0.0
		50	0	23.77	23.96	23.91	24.50	0.5
		50	28	24.33	24.31	24.36	25.00	0.0
		50	56	23.72	23.97	23.82	24.50	0.5
		100	0	23.83	23.78	23.86	24.50	0.5
	QPSK	1	1	24.24	24.47	24.30	25.00	0.0
		1	53	24.27	24.36	24.30	25.00	0.0
		1	104	24.34	24.37	24.27	25.00	0.0
		50	0	23.31	23.37	23.30	24.00	1.0
		50	28	24.30	24.41	24.34	25.00	0.0
		50	56	23.29	23.32	23.31	24.00	1.0
		100	0	23.38	23.43	23.26	24.00	1.0
	16-QAM	1	1	23.28	23.45	23.24	24.00	1.0
	64QAM	1	1	21.88	21.84	21.81	22.50	2.5
	256-QAM	1	1	19.80	19.84	19.76	20.50	4.5
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	24.24	24.37	24.26	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	24.23	24.36	24.43	25.00	0.0

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5G NR n71_15kHz

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	24.28	24.36	24.38	25.00	0.0

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Reduced power

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	17.40	17.26	17.33	18.00	0.0
		1	53	17.15	17.17	17.16	18.00	0.0
		1	104	17.12	17.23	17.22	18.00	0.0
		50	0	16.60	16.65	16.61	17.50	0.5
		50	28	17.05	17.08	17.11	18.00	0.0
		50	56	16.67	16.64	16.59	17.50	0.5
		100	0	16.60	16.68	16.68	17.50	0.5
	QPSK	1	1	17.10	17.07	17.17	18.00	0.0
		1	53	17.13	17.19	17.13	18.00	0.0
		1	104	17.15	17.10	17.15	18.00	0.0
		50	0	16.09	16.08	16.22	17.00	1.0
		50	28	17.12	17.11	17.06	18.00	0.0
		50	56	16.11	16.20	16.16	17.00	1.0
		100	0	16.23	16.17	16.10	17.00	1.0
	16-QAM	1	1	16.06	16.08	16.14	17.00	1.0
	64QAM	1	1	14.73	14.57	14.67	15.50	2.5
	256-QAM	1	1	12.71	12.63	12.64	13.50	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	17.05	17.16	17.07	18.00	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	17.09	17.20	17.13	18.00	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	17.13	17.19	17.22	18.00	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	22.97	22.90	22.99	23.00	0.0
		1	53	22.70	22.69	22.79	23.00	0.0
		1	104	22.69	22.71	22.79	23.00	0.0
		50	0	22.25	22.18	22.35	22.50	0.5
		50	28	22.86	22.82	22.70	23.00	0.0
		50	56	22.27	22.36	22.31	22.50	0.5
		100	0	22.30	22.25	22.38	22.50	0.5
	QPSK	1	1	22.72	22.83	22.79	23.00	0.0
		1	53	22.71	22.83	22.86	23.00	0.0
		1	104	22.68	22.84	22.78	23.00	0.0
		50	0	21.78	21.73	21.79	22.00	1.0
		50	28	22.74	22.71	22.78	23.00	0.0
		50	56	21.83	21.84	21.73	22.00	1.0
		100	0	21.84	21.83	21.76	22.00	1.0
	16-QAM	1	1	21.81	21.78	21.83	22.00	1.0
	64QAM	1	1	20.33	20.30	20.24	20.50	2.5
	256-QAM	1	1	18.33	18.28	18.29	18.50	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	22.70	22.69	22.86	23.00	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)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	22.75	22.79	22.87	23.00	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)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	22.79	22.75	22.77	23.00	0.0

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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)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	14.45	14.42	14.39	15.00	0.0
		1	53	14.27	14.31	14.31	15.00	0.0
		1	104	14.26	14.33	14.24	15.00	0.0
		50	0	13.77	13.76	13.74	14.50	0.5
		50	28	14.27	14.23	14.32	15.00	0.0
		50	56	13.72	13.75	13.81	14.50	0.5
		100	0	13.67	13.69	13.83	14.50	0.5
	QPSK	1	1	14.20	14.19	14.18	15.00	0.0
		1	53	14.16	14.24	14.19	15.00	0.0
		1	104	14.17	14.35	14.21	15.00	0.0
		50	0	13.31	13.30	13.30	14.00	1.0
		50	28	14.35	14.33	14.19	15.00	0.0
		50	56	13.21	13.34	13.35	14.00	1.0
		100	0	13.16	13.26	13.17	14.00	1.0
	16-QAM	1	1	13.32	13.16	13.16	14.00	1.0
	64QAM	1	1	11.74	11.80	11.79	12.50	2.5
	256-QAM	1	1	9.80	9.79	9.68	10.50	4.5
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	14.22	14.18	14.22	15.00	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	14.34	14.32	14.22	15.00	0.0

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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)				2502.5	2535	2567.5		
Channel				14.21	14.29	14.19		
5	Pi/2 BPSK	1	1	14.31	14.31	14.24	15.00	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	20.48	20.47	20.44	21.00	0.0
		1	40	20.38	20.32	20.31	21.00	0.0
		1	77	20.36	20.24	20.23	21.00	0.0
		36	0	19.86	19.77	19.79	20.50	0.5
		36	22	20.26	20.38	20.23	21.00	0.0
		36	43	19.89	19.89	19.84	20.50	0.5
		75	0	19.78	19.89	19.84	20.50	0.5
	QPSK	1	1	20.40	20.24	20.33	21.00	0.0
		1	40	20.38	20.37	20.29	21.00	0.0
		1	77	20.28	20.22	20.33	21.00	0.0
		36	0	19.31	19.38	19.27	20.00	1.0
		36	22	20.25	20.36	20.35	21.00	0.0
		36	43	19.23	19.38	19.30	20.00	1.0
		75	0	19.25	19.32	19.33	20.00	1.0
	16-QAM	1	1	19.40	19.25	19.27	20.00	1.0
	64QAM	1	1	17.77	17.74	17.77	18.50	2.5
	256-QAM	1	1	15.91	15.79	15.84	16.50	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	20.33	20.23	20.26	21.00	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	20.33	20.32	20.33	21.00	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		21.33		22.00	0.0
		1	26		21.19		22.00	0.0
		1	49		21.16		22.00	0.0
		25	0		20.64		21.50	0.5
		25	13		21.12		22.00	0.0
		25	26		20.65		21.50	0.5
		50	0		20.76		21.50	0.5
	QPSK	1	1		21.27		22.00	0.0
		1	26		21.25		22.00	0.0
		1	49		21.25		22.00	0.0
		25	0		20.31		21.00	1.0
		25	13		21.16		22.00	0.0
		25	26		20.20		21.00	1.0
		50	0		20.28		21.00	1.0
	16-QAM	1	1		20.22		21.00	1.0
	64QAM	1	1		18.80		19.50	2.5
	256-QAM	1	1		16.62		17.50	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	21.02	21.17	21.13	22.00	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		21.32		22.00	0.0
		1	26		21.24		22.00	0.0
		1	49		21.25		22.00	0.0
		25	0		20.78		21.50	0.5
		25	13		21.18		22.00	0.0
		25	26		20.62		21.50	0.5
		50	0		20.65		21.50	0.5
	QPSK	1	1		21.12		22.00	0.0
		1	26		21.22		22.00	0.0
		1	49		21.27		22.00	0.0
		25	0		20.16		21.00	1.0
		25	13		21.13		22.00	0.0
		25	26		20.24		21.00	1.0
		50	0		20.11		21.00	1.0
	16-QAM	1	1		20.10		21.00	1.0
	64QAM	1	1		18.79		19.50	2.5
	256-QAM	1	1		16.62		17.50	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	21.11	21.25	21.15	22.00	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	17.38	17.32	17.30	18.00	0.0
		1	53	17.11	17.20	17.12	18.00	0.0
		1	104	17.23	17.10	17.10	18.00	0.0
		50	0	16.65	16.79	16.63	17.50	0.5
		50	28	17.18	17.16	17.18	18.00	0.0
		50	56	16.75	16.76	16.62	17.50	0.5
		100	0	16.63	16.62	16.76	17.50	0.5
	QPSK	1	1	17.15	17.22	17.16	18.00	0.0
		1	53	17.28	17.16	17.17	18.00	0.0
		1	104	17.18	17.12	17.18	18.00	0.0
		50	0	16.15	16.18	16.24	17.00	1.0
		50	28	17.23	17.15	17.27	18.00	0.0
		50	56	16.23	16.19	16.23	17.00	1.0
		100	0	16.22	16.12	16.23	17.00	1.0
	16-QAM	1	1	16.22	16.09	16.29	17.00	1.0
	64QAM	1	1	14.62	14.74	14.75	15.50	2.5
	256-QAM	1	1	12.77	12.69	12.77	13.50	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	17.22	17.17	17.26	18.00	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	17.10	17.10	17.22	18.00	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	17.15	17.19	17.11	18.00	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)				824	831.5	839		
Channel				164800	166300	167800		
20	Pi/2 BPSK	1	1	20.49	20.46	20.42	21.00	0.0
		1	53	20.32	20.20	20.32	21.00	0.0
		1	104	20.38	20.37	20.31	21.00	0.0
		50	0	19.85	19.74	19.71	20.50	0.5
		50	28	20.34	20.21	20.32	21.00	0.0
		50	56	19.88	19.76	19.80	20.50	0.5
		100	0	19.87	19.88	19.85	20.50	0.5
	QPSK	1	1	20.27	20.20	20.33	21.00	0.0
		1	53	20.29	20.19	20.33	21.00	0.0
		1	104	20.23	20.25	20.21	21.00	0.0
		50	0	19.20	19.20	19.22	20.00	1.0
		50	28	20.25	20.36	20.26	21.00	0.0
		50	56	19.34	19.31	19.29	20.00	1.0
		100	0	19.30	19.27	19.38	20.00	1.0
	16-QAM	1	1	19.30	19.34	19.29	20.00	1.0
	64QAM	1	1	17.81	17.69	17.88	18.50	2.5
	256-QAM	1	1	15.81	15.81	15.80	16.50	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	20.35	20.38	20.30	21.00	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)				819	831.5	844		
Channel				163800	166300	168800		
10	Pi/2 BPSK	1	1	20.38	20.26	20.34	21.00	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)				816.5	831.5	846.5		
Channel				163300	166300	169300		
5	Pi/2 BPSK	1	1	20.28	20.31	20.24	21.00	0.0

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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)					2310			
Channel					462000			
10	Pi/2 BPSK	1	1		20.68		20.98	0.0
		1	26		20.63		20.98	0.0
		1	49		20.55		20.98	0.0
		25	0		20.04		20.48	0.5
		25	13		20.48		20.98	0.0
		25	26		20.17		20.48	0.5
		50	0		20.17		20.48	0.5
	QPSK	1	1		20.58		20.98	0.0
		1	26		20.49		20.98	0.0
		1	49		20.60		20.98	0.0
		25	0		19.59		19.98	1.0
		25	13		20.52		20.98	0.0
		25	26		19.54		19.98	1.0
		50	0		19.49		19.98	1.0
	16-QAM	1	1		19.64		19.98	1.0
	64QAM	1	1		18.14		18.48	2.5
	256-QAM	1	1		16.07		16.48	4.5
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	20.53	20.61	20.48	20.98	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	18.26	18.36	18.15	19.00	0.0
		1	53	18.06	18.16	18.11	19.00	0.0
		1	104	18.23	18.21	18.19	19.00	0.0
		50	0	17.70	17.67	17.66	18.50	0.5
		50	28	18.19	18.23	18.09	19.00	0.0
		50	56	17.64	17.64	17.67	18.50	0.5
		100	0	17.60	17.71	17.74	18.50	0.5
	QPSK	1	1	18.21	18.13	18.13	19.00	0.0
		1	53	18.12	18.14	18.06	19.00	0.0
		1	104	18.14	18.06	18.10	19.00	0.0
		50	0	17.07	17.05	17.10	18.00	1.0
		50	28	18.20	18.07	18.08	19.00	0.0
		50	56	17.16	17.13	17.18	18.00	1.0
		100	0	17.08	17.10	17.13	18.00	1.0
	16-QAM	1	1	17.13	17.17	17.17	18.00	1.0
	64QAM	1	1	15.73	15.56	15.71	16.50	2.5
	256-QAM	1	1	13.66	13.55	13.64	14.50	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	18.18	18.06	18.09	19.00	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)				1715	1745	1775		
Channel				343000	349000	355000		
10	Pi/2 BPSK	1	1	18.23	18.11	18.07	19.00	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)				1712.5	1745	1777.5		
Channel				342500	349000	355500		
5	Pi/2 BPSK	1	1	18.11	18.18	18.07	19.00	0.0

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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)					1702.5			
Channel					340500			
15	Pi/2 BPSK	1	1		18.27		19.00	0.0
		1	40		18.21		19.00	0.0
		1	77		18.22		19.00	0.0
		36	0		17.58		18.50	0.5
		36	22		18.16		19.00	0.0
		36	43		17.66		18.50	0.5
		75	0		17.74		18.50	0.5
	QPSK	1	1		18.05		19.00	0.0
		1	40		18.05		19.00	0.0
		1	77		18.16		19.00	0.0
		36	0		17.17		18.00	1.0
		36	22		18.08		19.00	0.0
		36	43		17.17		18.00	1.0
		75	0		17.17		18.00	1.0
	16-QAM	1	1		17.12		18.00	1.0
	64QAM	1	1		15.68		16.50	2.5
	256-QAM	1	1		13.74		14.50	4.5
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	18.11	18.23	18.14	19.00	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	18.17	18.07	18.15	19.00	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	21.34	21.36	21.42	22.00	0.0
		1	53	21.15	21.11	21.07	22.00	0.0
		1	104	21.07	21.13	21.21	22.00	0.0
		50	0	20.60	20.70	20.72	21.50	0.5
		50	28	21.10	21.06	21.19	22.00	0.0
		50	56	20.63	20.55	20.59	21.50	0.5
		100	0	20.66	20.64	20.55	21.50	0.5
	QPSK	1	1	21.04	21.06	21.16	22.00	0.0
		1	53	21.12	21.03	21.03	22.00	0.0
		1	104	21.11	21.13	21.11	22.00	0.0
		50	0	20.09	20.11	20.07	21.00	1.0
		50	28	21.16	21.21	21.05	22.00	0.0
		50	56	20.21	20.10	20.11	21.00	1.0
		100	0	20.04	20.05	20.07	21.00	1.0
	16-QAM	1	1	20.05	20.13	20.08	21.00	1.0
	64QAM	1	1	18.56	18.55	18.55	19.50	2.5
	256-QAM	1	1	16.57	16.52	16.60	17.50	4.5
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	21.10	21.19	21.04	22.00	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	21.03	21.10	21.09	22.00	0.0

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5G NR n71_15kHz

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	21.21	21.11	21.17	22.00	0.0

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7.4 TDD NR

Full power

5G NR n38_30kHz								
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				516000	519000	522000		
20	Pi/2 BPSK	1	1	23.20	23.18	23.10	24.00	0.0
		1	26	23.14	23.12	22.99	24.00	0.0
		1	49	23.13	23.08	23.05	24.00	0.0
		25	0	22.50	22.49	22.55	23.50	0.5
		25	13	23.01	22.99	22.99	24.00	0.0
		25	26	22.55	22.57	22.51	23.50	0.5
		50	0	22.57	22.48	22.57	23.50	0.5
	QPSK	1	1	23.18	23.15	22.99	24.00	0.0
		1	26	23.18	23.16	22.94	24.00	0.0
		1	49	23.19	23.11	22.97	24.00	0.0
		25	0	22.17	21.99	21.91	23.00	1.0
		25	13	23.06	23.12	22.98	24.00	0.0
		25	26	22.12	22.14	22.08	23.00	1.0
		50	0	22.10	22.02	22.03	23.00	1.0
	16-QAM	1	1	22.15	22.18	21.96	23.00	1.0
	64QAM	1	1	20.58	20.66	20.58	21.50	2.5
	256-QAM	1	1	18.70	18.55	18.51	19.50	4.5
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	23.18	23.15	23.08	24.00	0.0
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	23.18	23.16	23.07	24.00	0.0

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5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	23.15	23.18	22.94	24.00	0.0
		1	26	23.11	23.12	22.89	24.00	0.0
		1	49	23.00	23.04	22.91	24.00	0.0
		25	0	22.55	22.48	22.31	23.50	0.5
		25	13	23.12	23.09	22.87	24.00	0.0
		25	26	22.55	22.54	22.23	23.50	0.5
		50	0	22.56	22.51	22.25	23.50	0.5
	QPSK	1	1	23.01	23.08	22.77	24.00	0.0
		1	26	23.06	23.09	22.82	24.00	0.0
		1	49	22.99	23.11	22.83	24.00	0.0
		25	0	21.94	22.00	21.91	23.00	1.0
		25	13	22.99	23.02	22.74	24.00	0.0
		25	26	22.03	22.12	21.92	23.00	1.0
		50	0	22.12	22.09	21.90	23.00	1.0
	16-QAM	1	1	21.96	22.09	21.84	23.00	1.0
	64QAM	1	1	20.61	20.55	20.24	21.50	2.5
	256-QAM	1	1	18.57	18.64	18.41	19.50	4.5
5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.12	23.16	22.91	24.00	0.0
5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	22.94	23.05	22.90	24.00	0.0

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5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	20.58	20.65	20.87	22.00	0.0
		1	26	20.43	20.57	20.81	22.00	0.0
		1	49	20.46	20.56	20.73	22.00	0.0
		25	0	20.05	19.98	20.19	21.50	0.5
		25	13	20.51	20.50	20.67	22.00	0.0
		25	26	19.95	20.04	20.35	21.50	0.5
		50	0	20.05	20.05	20.19	21.50	0.5
	QPSK	1	1	20.40	20.52	20.79	22.00	0.0
		1	26	20.42	20.63	20.66	22.00	0.0
		1	49	20.57	20.49	20.82	22.00	0.0
		25	0	19.49	19.49	19.74	21.00	1.0
		25	13	20.55	20.59	20.71	22.00	0.0
		25	26	19.55	19.53	19.67	21.00	1.0
		50	0	19.38	19.59	19.84	21.00	1.0
	16-QAM	1	1	19.38	19.60	19.71	21.00	1.0
	64QAM	1	1	18.04	18.06	18.27	19.50	2.5
	256-QAM	1	1	16.06	15.98	16.30	17.50	4.5
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	20.57	20.64	20.86	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	20.53	20.44	20.77	22.00	0.0

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5G NR n48_30kHz

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.51	3625.02	3697.5		
Channel				636834	641668	646500		
5	Pi/2 BPSK	1	1	20.44	20.59	20.83	22.00	0.0

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5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
20	Pi/2 BPSK	1	1	23.10	22.76	22.82	22.52	22.38	24.00	0.0
		1	26	22.94	22.76	22.70	22.41	22.20	24.00	0.0
		1	49	22.95	22.65	22.62	22.35	22.22	24.00	0.0
		25	0	22.48	22.21	22.13	21.85	21.75	23.50	0.5
		25	13	22.92	22.65	22.72	22.47	22.18	24.00	0.0
		25	26	22.53	22.26	22.22	21.94	21.85	23.50	0.5
		50	0	22.43	22.14	22.18	21.96	21.69	23.50	0.5
	QPSK	1	1	22.98	22.76	22.64	22.32	22.22	24.00	0.0
		1	26	23.06	22.69	22.71	22.32	22.33	24.00	0.0
		1	49	23.09	22.66	22.76	22.35	22.21	24.00	0.0
		25	0	22.05	21.59	21.62	21.41	21.23	23.00	1.0
		25	13	23.05	22.73	22.62	22.45	22.34	24.00	0.0
		25	26	22.06	21.59	21.70	21.50	21.27	23.00	1.0
		50	0	22.02	21.72	21.79	21.46	21.36	23.00	1.0
	16-QAM	1	1	22.03	21.60	21.63	21.45	21.30	23.00	1.0
	64QAM	1	1	20.58	20.09	20.29	19.87	19.81	21.50	2.5
	256-QAM	1	1	18.52	18.26	18.29	17.94	17.84	19.50	4.5
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel						656000				
15	Pi/2 BPSK	1	1			22.71			24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel						656000				
10	Pi/2 BPSK	1	1			22.68			24.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3499.995			
Channel					633333			
20	Pi/2 BPSK	1	1		23.39		24.00	0.0
		1	26		23.25		24.00	0.0
		1	49		23.34		24.00	0.0
		25	0		22.79		23.50	0.5
		25	13		23.22		24.00	0.0
		25	26		22.86		23.50	0.5
		50	0		22.72		23.50	0.5
	QPSK	1	1		23.25		24.00	0.0
		1	26		23.21		24.00	0.0
		1	49		23.37		24.00	0.0
		25	0		22.29		23.00	1.0
		25	13		23.20		24.00	0.0
		25	26		22.35		23.00	1.0
		50	0		22.26		23.00	1.0
	16-QAM	1	1		22.37		23.00	1.0
	64QAM	1	1		20.70		21.50	2.5
	256-QAM	1	1		18.68		19.50	4.5

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	Pi/2 BPSK	1	1	23.03	23.11	23.06	24.00	0.0

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	23.14	23.26	23.19	24.00	0.0

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5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					645000			
20	Pi/2 BPSK	1	1		22.74		24.00	0.0
		1	26		22.58		24.00	0.0
		1	49		22.70		24.00	0.0
		25	0		22.22		23.50	0.5
		25	13		22.55		24.00	0.0
		25	26		22.17		23.50	0.5
		50	0		22.09		23.50	0.5
	QPSK	1	1		22.72		24.00	0.0
		1	26		22.66		24.00	0.0
		1	49		22.54		24.00	0.0
		25	0		21.59		23.00	1.0
		25	13		22.66		24.00	0.0
		25	26		21.62		23.00	1.0
		50	0		21.64		23.00	1.0
	16-QAM	1	1		21.61		23.00	1.0
	64QAM	1	1		20.06		21.50	2.5
	256-QAM	1	1		18.16		19.50	4.5
5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	22.53	22.61	22.48	24.00	0.0
5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	Pi/2 BPSK	1	1	22.46	22.34	22.19	24.00	0.0

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Reduced power

5G NR n38_30kHz								
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				516000	519000	522000		
20	Pi/2 BPSK	1	1	18.47	18.49	18.29	18.50	0.0
		1	26	17.69	17.59	17.59	18.50	0.0
		1	49	17.75	17.65	17.69	18.50	0.0
		25	0	17.23	17.10	17.21	18.00	0.5
		25	13	17.73	17.74	17.58	18.50	0.0
		25	26	17.11	17.24	17.26	18.00	0.5
		50	0	17.09	17.12	17.21	18.00	0.5
	QPSK	1	1	17.63	17.73	17.67	18.50	0.0
		1	26	17.60	17.58	17.63	18.50	0.0
		1	49	17.58	17.65	17.70	18.50	0.0
		25	0	16.58	16.73	16.68	17.50	1.0
		25	13	17.63	17.64	17.62	18.50	0.0
		25	26	16.72	16.68	16.65	17.50	1.0
		50	0	16.57	16.60	16.61	17.50	1.0
	16-QAM	1	1	16.60	16.69	16.66	17.50	1.0
	64QAM	1	1	15.25	15.07	15.16	16.00	2.5
	256-QAM	1	1	13.27	13.10	13.20	14.00	4.5
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	17.77	17.64	17.71	18.50	0.0
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	17.73	17.58	17.71	18.50	0.0

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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)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	16.44	16.31	16.20	16.50	0.0
		1	26	15.56	15.51	15.59	16.50	0.0
		1	49	15.63	15.51	15.55	16.50	0.0
		25	0	15.04	15.09	15.01	16.00	0.5
		25	13	15.60	15.60	15.50	16.50	0.0
		25	26	15.07	14.99	15.11	16.00	0.5
		50	0	15.01	15.03	15.10	16.00	0.5
	QPSK	1	1	15.63	15.64	15.50	16.50	0.0
		1	26	15.55	15.61	15.56	16.50	0.0
		1	49	15.53	15.67	15.61	16.50	0.0
		25	0	14.50	14.67	14.66	15.50	1.0
		25	13	15.65	15.59	15.49	16.50	0.0
		25	26	14.54	14.67	14.59	15.50	1.0
		50	0	14.67	14.57	14.61	15.50	1.0
	16-QAM	1	1	14.52	14.48	14.54	15.50	1.0
	64QAM	1	1	13.07	13.05	13.07	14.00	2.5
	256-QAM	1	1	11.06	11.08	11.08	12.00	4.5
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	15.62	15.56	15.50	16.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	15.61	15.67	15.54	16.50	0.0

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5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	17.48	17.52	17.56	18.00	0.0
		1	26	17.35	17.30	17.40	18.00	0.0
		1	49	17.26	17.43	17.38	18.00	0.0
		25	0	16.82	16.81	16.83	17.50	0.5
		25	13	17.41	17.30	17.33	18.00	0.0
		25	26	16.76	16.88	16.90	17.50	0.5
		50	0	16.83	16.83	16.84	17.50	0.5
	QPSK	1	1	17.37	17.29	17.30	18.00	0.0
		1	26	17.30	17.41	17.34	18.00	0.0
		1	49	17.35	17.33	17.41	18.00	0.0
		25	0	16.29	16.44	16.40	17.00	1.0
		25	13	17.43	17.29	17.37	18.00	0.0
		25	26	16.28	16.29	16.26	17.00	1.0
		50	0	16.41	16.39	16.28	17.00	1.0
	16-QAM	1	1	16.39	16.45	16.40	17.00	1.0
	64QAM	1	1	14.80	14.94	14.92	15.50	2.5
	256-QAM	1	1	12.88	12.93	12.87	13.50	4.5
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	17.44	17.35	17.33	18.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted 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	17.42	17.38	17.36	18.00	0.0

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5G NR n48_30kHz

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.51	3625.02	3697.5		
Channel				636834	641668	646500		
5	Pi/2 BPSK	1	1	17.41	17.38	17.27	18.00	0.0

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5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
20	Pi/2 BPSK	1	1	17.57	17.45	17.48	17.51	17.32	18.00	0.0
		1	26	17.18	17.20	17.15	17.09	17.20	18.00	0.0
		1	49	17.29	17.16	17.22	17.16	17.25	18.00	0.0
		25	0	16.76	16.75	16.79	16.62	16.62	17.50	0.5
		25	13	17.16	17.16	17.21	17.15	17.16	18.00	0.0
		25	26	16.70	16.74	16.64	16.61	16.62	17.50	0.5
		50	0	16.72	16.72	16.61	16.70	16.78	17.50	0.5
	QPSK	1	1	17.18	17.09	17.12	17.10	17.09	18.00	0.0
		1	26	17.28	17.14	17.17	17.14	17.20	18.00	0.0
		1	49	17.14	17.13	17.24	17.22	17.11	18.00	0.0
		25	0	16.26	16.17	16.16	16.22	16.26	17.00	1.0
		25	13	17.18	17.27	17.28	17.25	17.14	18.00	0.0
		25	26	16.26	16.13	16.25	16.18	16.15	17.00	1.0
		50	0	16.22	16.18	16.19	16.18	16.28	17.00	1.0
	16-QAM	1	1	16.17	16.19	16.13	16.19	16.25	17.00	1.0
	64QAM	1	1	14.77	14.68	14.63	14.65	14.65	15.50	2.5
	256-QAM	1	1	12.76	12.61	12.67	12.65	12.62	13.50	4.5
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel						656000				
15	Pi/2 BPSK	1	1			17.44			18.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel						656000				
10	Pi/2 BPSK	1	1			17.41			18.00	0.0

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f (886-2) 2298-0488

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5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3499.995			
Channel					633333			
20	Pi/2 BPSK	1	1		17.76		18.00	0.0
		1	26		17.64		18.00	0.0
		1	49		17.69		18.00	0.0
		25	0		17.19		17.50	0.5
		25	13		17.61		18.00	0.0
		25	26		17.19		17.50	0.5
		50	0		17.06		17.50	0.5
	QPSK	1	1		17.66		18.00	0.0
		1	26		17.71		18.00	0.0
		1	49		17.57		18.00	0.0
		25	0		16.70		17.00	1.0
		25	13		17.73		18.00	0.0
		25	26		16.67		17.00	1.0
		50	0		16.54		17.00	1.0
	16-QAM	1	1		16.62		17.00	1.0
	64QAM	1	1		15.07		15.50	2.5
	256-QAM	1	1		13.11		13.50	4.5
5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	Pi/2 BPSK	1	1	17.53	17.61	17.49	18.00	0.0
5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	17.41	17.59	17.38	18.00	0.0

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5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					645000			
20	Pi/2 BPSK	1	1		17.67		18.00	0.0
		1	26		17.62		18.00	0.0
		1	49		17.48		18.00	0.0
		25	0		16.96		17.50	0.5
		25	13		17.51		18.00	0.0
		25	26		17.08		17.50	0.5
		50	0		17.14		17.50	0.5
	QPSK	1	1		17.49		18.00	0.0
		1	26		17.47		18.00	0.0
		1	49		17.50		18.00	0.0
		25	0		16.54		17.00	1.0
		25	13		17.60		18.00	0.0
		25	26		16.46		17.00	1.0
		50	0		16.60		17.00	1.0
	16-QAM	1	1		16.59		17.00	1.0
	64QAM	1	1		15.14		15.50	2.5
	256-QAM	1	1		13.04		13.50	4.5
5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	17.47	17.59	17.47	18.00	0.0
5G NR n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	Pi/2 BPSK	1	1	17.54	17.59	17.46	18.00	0.0

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	15.00	14.96
		6	2437		15.00	14.99
		11	2462		15.00	14.93
	802.11g	1	2412	6Mbps	15.00	14.77
		6	2437		15.00	14.74
		11	2462		15.00	14.65
	802.11n20-HT0	1	2412	MCS0	15.00	14.67
		6	2437		15.00	14.63
		11	2462		15.00	14.76
	802.11ax20-HE0	1	2412	MCS0	15.00	14.73
		6	2437		15.00	14.75
		11	2462		15.00	14.71
	802.11n40-HT0	3	2422	MCS0	15.00	14.69
		6	2437		15.00	14.71
		9	2452		15.00	14.74
	802.11ax40-HE0	3	2422	MCS0	15.00	14.69
		6	2437		15.00	14.71
		9	2452		15.00	14.61

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	13.50	13.29
		40	5200		13.50	13.29
		44	5220		13.50	13.38
		48	5240		13.50	13.40
	802.11n20-HT0	36	5180	MCS0	13.50	13.46
		40	5200		13.50	13.39
		44	5220		13.50	13.34
		48	5240		13.50	13.43
	802.11ac20-VHT0	36	5180	MCS0	13.50	13.32
		40	5200		13.50	13.42
		44	5220		13.50	13.30
		48	5240		13.50	13.37
	802.11ax20-HE0	36	5180	MCS0	13.50	13.32
		40	5200		13.50	13.31
		44	5220		13.50	13.38
		48	5240		13.50	13.39
	802.11n40-HT0	38	5190	MCS0	13.50	13.32
		46	5230		13.50	13.29
	802.11ac40-VHT0	38	5190	MCS0	13.50	13.37
		46	5230		13.50	13.43
	802.11ax40-HE0	38	5190	MCS0	13.50	13.44
		46	5230		13.50	13.33
	802.11ac80-VHT0	42	5210	MCS0	13.50	13.45
	802.11ax80-HE0	42	5210	MCS0	13.50	13.36
	802.11ac160-VHT0	50	5250	MCS0	13.50	13.48
	802.11ax160-HE0	50	5250	MCS0	13.50	13.32

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	13.50	13.45
		56	5280		13.50	13.40
		60	5300		13.50	13.29
		64	5320		13.50	13.28
	802.11n20-HT0	52	5260	MCS0	13.50	13.43
		56	5280		13.50	13.45
		60	5300		13.50	13.31
		64	5320		13.50	13.36
	802.11ac20-VHT0	52	5260	MCS0	13.50	13.42
		56	5280		13.50	13.44
		60	5300		13.50	13.44
		64	5320		13.50	13.39
	802.11ax20-HE0	52	5260	MCS0	13.50	13.45
		56	5280		13.50	13.42
		60	5300		13.50	13.38
		64	5320		13.50	13.32
	802.11n40-HT0	54	5270	MCS0	13.50	13.39
		62	5310		13.50	13.44
	802.11ac40-VHT0	54	5270	MCS0	13.50	13.35
		62	5310		13.50	13.43
	802.11ax40-HE0	54	5270	MCS0	13.50	13.30
		62	5310		13.50	13.31
	802.11ac80-VHT0	58	5290	MCS0	13.50	13.47
	802.11ax80-HE0	58	5290	MCS0	13.50	13.26

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f (886-2) 2298-0488

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.6GHz	802.11a	100	5500	6Mbps	13.50	13.31
		120	5600		13.50	13.27
		140	5700		13.50	13.28
		144	5720		13.50	13.45
	802.11n20-HT0	100	5500	MCS0	13.50	13.32
		120	5600		13.50	13.43
		140	5700		13.50	13.39
		144	5720		13.50	13.33
	802.11ac20-VHT0	100	5500	MCS0	13.50	13.41
		120	5600		13.50	13.27
		140	5700		13.50	13.37
		144	5720		13.50	13.44
	802.11ax20-HE0	100	5500	MCS0	13.50	13.45
		120	5600		13.50	13.37
		140	5700		13.50	13.45
		144	5720		13.50	13.30
	802.11n40-HT0	102	5510	MCS0	13.50	13.30
		118	5590		13.50	13.45
		134	5670		13.50	13.38
		142	5710		13.50	13.39
	802.11ac40-VHT0	102	5510	MCS0	13.50	13.30
		118	5590		13.50	13.43
		134	5670		13.50	13.45
		142	5710		13.50	13.45
	802.11ax40-HE0	102	5510	MCS0	13.50	13.42
		118	5590		13.50	13.34
		134	5670		13.50	13.30
		142	5710		13.50	13.43
	802.11ac80-VHT0	106	5530	MCS0	13.50	13.33
		122	5610		13.50	13.33
		138	5690		13.50	13.40
	802.11ax80-HE0	106	5530	MCS0	13.50	13.46
		122	5610		13.50	13.40
		138	5690		13.50	13.27
	802.11ac160-VHT0	114	5570	MCS0	13.50	13.49
	802.11ax160-HE0	114	5570	MCS0	13.50	13.35

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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	13.50	13.31
		157	5785		13.50	13.31
		165	5825		13.50	13.43
	802.11n20-HT0	149	5745	MCS0	13.50	13.36
		157	5785		13.50	13.37
		165	5825		13.50	13.39
	802.11ac20-VHT0	149	5745	MCS0	13.50	13.42
		157	5785		13.50	13.33
		165	5825		13.50	13.43
	802.11ax20-HE0	149	5745	MCS0	13.50	13.27
		157	5785		13.50	13.39
		165	5825		13.50	13.35
	802.11n40-HT0	151	5755	MCS0	13.50	13.30
		159	5795		13.50	13.43
	802.11ac40-VHT0	151	5755	MCS0	13.50	13.29
		159	5795		13.50	13.42
	802.11ax40-HE0	151	5755	MCS0	13.50	13.29
		159	5795		13.50	13.28
	802.11ac80-VHT0	155	5775	MCS0	13.50	13.48
	802.11ax80-HE0	155	5775	MCS0	13.50	13.32

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.9GHz	802.11a	169	5845	6Mbps	13.50	13.29
		173	5865		13.50	13.45
		177	5885		13.50	13.41
	802.11n20-HT0	169	5845	MCS0	13.50	13.35
		173	5865		13.50	13.35
		177	5885		13.50	13.27
	802.11ac20-VHT0	169	5845	MCS0	13.50	13.33
		173	5865		13.50	13.39
		177	5885		13.50	13.45
	802.11ax20-HE0	169	5845	MCS0	13.50	13.32
		173	5865		13.50	13.42
		177	5885		13.50	13.39
	802.11n40-HT0	167	5835	MCS0	13.50	13.36
		175	5875		13.50	13.34
	802.11ac40-VHT0	167	5835	MCS0	13.50	13.43
		175	5875		13.50	13.44
	802.11ax40-HE0	167	5835	MCS0	13.50	13.30
		175	5875		13.50	13.38
	802.11ac80-VHT0	171	5855	MCS0	13.50	13.35
	802.11ax80-HE0	171	5855	MCS0	13.50	13.40
	802.11ac160-VHT0	163	5815	MCS0	13.50	13.49
	802.11ax160-HE0	163	5815	MCS0	13.50	13.37

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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	15.00	14.99
		6	2437		15.00	14.98
		11	2462		15.00	14.96
	802.11g	1	2412	6Mbps	15.00	14.73
		6	2437		15.00	14.71
		11	2462		15.00	14.70
	802.11n20-HT0	1	2412	MCS0	15.00	14.74
		6	2437		15.00	14.75
		11	2462		15.00	14.60
	802.11ax20-HE0	1	2412	MCS0	15.00	14.74
		6	2437		15.00	14.71
		11	2462		15.00	14.64
	802.11n40-HT0	3	2422	MCS0	15.00	14.74
		6	2437		15.00	14.63
		9	2452		15.00	14.76
	802.11ax40-HE0	3	2422	MCS0	15.00	14.64
		6	2437		15.00	14.65
		9	2452		15.00	14.73

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	13.50	13.44
		40	5200		13.50	13.29
		44	5220		13.50	13.42
		48	5240		13.50	13.31
	802.11n20-HT0	36	5180	MCS0	13.50	13.31
		40	5200		13.50	13.30
		44	5220		13.50	13.45
		48	5240		13.50	13.39
	802.11ac20-VHT0	36	5180	MCS0	13.50	13.37
		40	5200		13.50	13.32
		44	5220		13.50	13.32
		48	5240		13.50	13.33
	802.11ax20-HE0	36	5180	MCS0	13.50	13.32
		40	5200		13.50	13.30
		44	5220		13.50	13.39
		48	5240		13.50	13.27
	802.11n40-HT0	38	5190	MCS0	13.50	13.32
		46	5230		13.50	13.45
	802.11ac40-VHT0	38	5190	MCS0	13.50	13.41
		46	5230		13.50	13.45
	802.11ax40-HE0	38	5190	MCS0	13.50	13.29
		46	5230		13.50	13.38
	802.11ac80-VHT0	42	5210	MCS0	13.50	13.28
	802.11ax80-HE0	42	5210	MCS0	13.50	13.40
	802.11ac160-VHT0	50	5250	MCS0	13.50	13.45
	802.11ax160-HE0	50	5250	MCS0	13.50	13.43

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5.25-5.35 GHz	802.11a	52	5260	6Mbps	13.50	13.43
		56	5280		13.50	13.35
		60	5300		13.50	13.28
		64	5320		13.50	13.33
	802.11n20-HT0	52	5260	MCS0	13.50	13.27
		56	5280		13.50	13.28
		60	5300		13.50	13.43
		64	5320		13.50	13.29
	802.11ac20-VHT0	52	5260	MCS0	13.50	13.33
		56	5280		13.50	13.33
		60	5300		13.50	13.43
		64	5320		13.50	13.43
	802.11ax20-HE0	52	5260	MCS0	13.50	13.34
		56	5280		13.50	13.42
		60	5300		13.50	13.44
		64	5320		13.50	13.41
	802.11n40-HT0	54	5270	MCS0	13.50	13.38
		62	5310		13.50	13.34
	802.11ac40-VHT0	54	5270	MCS0	13.50	13.35
		62	5310		13.50	13.41
	802.11ax40-HE0	54	5270	MCS0	13.50	13.41
		62	5310		13.50	13.33
	802.11ac80-VHT0	58	5290	MCS0	13.50	13.46
	802.11ax80-HE0	58	5290	MCS0	13.50	13.30

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5.6GHz	802.11a	100	5500	6Mbps	13.50	13.40
		120	5600		13.50	13.32
		140	5700		13.50	13.40
		144	5720		13.50	13.39
	802.11n20-HT0	100	5500	MCS0	13.50	13.31
		120	5600		13.50	13.29
		140	5700		13.50	13.27
		144	5720		13.50	13.32
	802.11ac20-VHT0	100	5500	MCS0	13.50	13.32
		120	5600		13.50	13.29
		140	5700		13.50	13.34
		144	5720		13.50	13.44
	802.11ax20-HE0	100	5500	MCS0	13.50	13.31
		120	5600		13.50	13.43
		140	5700		13.50	13.46
		144	5720		13.50	13.42
	802.11n40-HT0	102	5510	MCS0	13.50	13.42
		118	5590		13.50	13.39
		134	5670		13.50	13.43
		142	5710		13.50	13.46
	802.11ac40-VHT0	102	5510	MCS0	13.50	13.29
		118	5590		13.50	13.30
		134	5670		13.50	13.43
		142	5710		13.50	13.43
	802.11ax40-HE0	102	5510	MCS0	13.50	13.34
		118	5590		13.50	13.44
		134	5670		13.50	13.29
		142	5710		13.50	13.44
	802.11ac80-VHT0	106	5530	MCS0	13.50	13.27
		122	5610		13.50	13.42
		138	5690		13.50	13.26
	802.11ax80-HE0	106	5530	MCS0	13.50	13.40
		122	5610		13.50	13.32
		138	5690		13.50	13.43
	802.11ac160-VHT0	114	5570	MCS0	13.50	13.48
	802.11ax160-HE0	114	5570	MCS0	13.50	13.34

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Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	13.50	13.30
		157	5785		13.50	13.27
		165	5825		13.50	13.28
	802.11n20-HT0	149	5745	MCS0	13.50	13.31
		157	5785		13.50	13.43
		165	5825		13.50	13.27
	802.11ac20-VHT0	149	5745	MCS0	13.50	13.35
		157	5785		13.50	13.36
		165	5825		13.50	13.28
	802.11ax20-HE0	149	5745	MCS0	13.50	13.44
		157	5785		13.50	13.42
		165	5825		13.50	13.27
	802.11n40-HT0	151	5755	MCS0	13.50	13.38
		159	5795		13.50	13.28
	802.11ac40-VHT0	151	5755	MCS0	13.50	13.36
		159	5795		13.50	13.43
	802.11ax40-HE0	151	5755	MCS0	13.50	13.31
		159	5795		13.50	13.27
	802.11ac80-VHT0	155	5775	MCS0	13.50	13.43
	802.11ax80-HE0	155	5775	MCS0	13.50	13.28

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Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.9GHz	802.11a	169	5845	6Mbps	13.50	13.33
		173	5865		13.50	13.35
		177	5885		13.50	13.28
	802.11n20-HT0	169	5845	MCS0	13.50	13.42
		173	5865		13.50	13.35
		177	5885		13.50	13.30
	802.11ac20-VHT0	169	5845	MCS0	13.50	13.45
		173	5865		13.50	13.31
		177	5885		13.50	13.35
	802.11ax20-HE0	169	5845	MCS0	13.50	13.28
		173	5865		13.50	13.39
		177	5885		13.50	13.45
	802.11n40-HT0	167	5835	MCS0	13.50	13.27
		175	5875		13.50	13.26
	802.11ac40-VHT0	167	5835	MCS0	13.50	13.39
		175	5875		13.50	13.27
	802.11ax40-HE0	167	5835	MCS0	13.50	13.37
		175	5875		13.50	13.42
	802.11ac80-VHT0	171	5855	MCS0	13.50	13.45
	802.11ax80-HE0	171	5855	MCS0	13.50	13.27
	802.11ac160-VHT0	163	5815	MCS0	13.50	13.48
	802.11ax160-HE0	163	5815	MCS0	13.50	13.44

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7.6 WLAN 6GHz

Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11ax20-HE0	1	5955	MCS0	7.00	6.88
		45	6175		7.00	6.95
		93	6415		7.00	6.82
	802.11ax40-HE0	3	5965	MCS0	10.00	9.85
		43	6165		10.00	9.91
		91	6405		10.00	9.83
	802.11ax80-HE0	7	5985	MCS0	13.00	12.88
		39	6145		13.00	12.97
		87	6385		13.00	12.88
	802.11ax160-HE0	15	6025	MCS0	13.50	13.49
		47	6185		13.50	13.40
		79	6345		13.50	13.49
Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11ax20-HE0	97	6435	MCS0	7.00	6.87
		105	6475		7.00	6.92
		113	6515		7.00	6.86
	802.11ax40-HE0	99	6445	MCS0	10.00	9.83
		107	6485		10.00	9.82
	802.11ax80-HE0	103	6465	MCS0	13.00	12.78
		119	6545		13.00	12.84
	802.11ax160-HE0	111	6505	MCS0	13.50	13.43

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Main						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11ax20-HE0	117	6535	MCS0	7.00	6.87
		149	6695		7.00	6.83
		181	6855		7.00	6.87
	802.11ax40-HE0	115	6525	MCS0	10.00	9.76
		147	6685		10.00	9.83
		179	6845		10.00	9.88
	802.11ax80-HE0	135	6625	MCS0	13.00	12.75
		151	6705		13.00	12.75
		167	6785		13.00	12.83
	802.11ax160-HE0	143	6665	MCS0	13.50	13.49
		175	6825		13.50	13.48
Main						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11ax20-HE0	185	6875	MCS0	7.00	6.97
		209	6995		7.00	6.95
		233	7115		7.00	6.98
	802.11ax40-HE0	187	6885	MCS0	10.00	9.82
		227	7085		10.00	9.94
	802.11ax80-HE0	183	6865	MCS0	13.00	12.86
		199	6945		13.00	12.91
		215	7025		13.00	12.86
	802.11ax160-HE0	207	6985	MCS0	13.50	13.48

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Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11ax20-HE0	1	5955	MCS0	7.00	6.92
		45	6175		7.00	6.78
		93	6415		7.00	6.83
	802.11ax40-HE0	3	5965	MCS0	10.00	9.78
		43	6165		10.00	9.92
		91	6405		10.00	9.80
	802.11ax80-HE0	7	5985	MCS0	13.00	12.93
		39	6145		13.00	12.80
		87	6385		13.00	12.84
	802.11ax160-HE0	15	6025	MCS0	13.50	13.48
		47	6185		13.50	13.47
		79	6345		13.50	13.46
Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11ax20-HE0	97	6435	MCS0	7.00	6.84
		105	6475		7.00	6.83
		113	6515		7.00	6.91
	802.11ax40-HE0	99	6445	MCS0	10.00	9.80
		107	6485		10.00	9.76
	802.11ax80-HE0	103	6465	MCS0	13.00	12.74
		119	6545		13.00	12.81
	802.11ax160-HE0	111	6505	MCS0	13.50	13.42

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Aux						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11ax20-HE0	117	6535	MCS0	7.00	6.74
		149	6695		7.00	6.84
		181	6855		7.00	6.80
	802.11ax40-HE0	115	6525	MCS0	10.00	9.76
		147	6685		10.00	9.91
		179	6845		10.00	9.77
	802.11ax80-HE0	135	6625	MCS0	13.00	12.78
		151	6705		13.00	12.80
		167	6785		13.00	12.93
	802.11ax160-HE0	143	6665	MCS0	13.50	13.43
		175	6825		13.50	13.47
Aux						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11ax20-HE0	185	6875	MCS0	7.00	6.83
		209	6995		7.00	6.82
		233	7115		7.00	6.77
	802.11ax40-HE0	187	6885	MCS0	10.00	9.79
		227	7085		10.00	9.92
	802.11ax80-HE0	183	6865	MCS0	13.00	12.85
		199	6945		13.00	12.75
		215	7025		13.00	12.78
	802.11ax160-HE0	207	6985	MCS0	13.50	13.42

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7.7 Bluetooth

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	10.50	8.89	9.50	7.61	9.50	7.56
	CH 39	2441		9.11		7.82		7.71
	CH 78	2480		9.27		7.91		7.98

7.8 BLE

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	9	8.17
	CH 19	2440		8.37
	CH 39	2480		8.56

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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

WWAN

Full power

Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1	0	Bottom Surface	19	18700	1860	24.00	22.54	139.96%	0.316	0.442	-
LTE Band 2			1	0	Bottom Surface	19	18900	1880	24.00	22.51	140.93%	0.294	0.414	-
LTE Band 2			1	0	Bottom Surface	19	19100	1900	24.00	22.57	139.00%	0.334	0.464	001
LTE Band 2			50	25	Bottom Surface	19	18900	1860	23.00	21.48	141.91%	0.251	0.356	-
LTE Band 2			100RB		Bottom Surface	19	18900	1880	23.00	21.46	142.56%	0.243	0.346	-
LTE Band 4	20MHz	QPSK	1	0	Bottom Surface	19	20050	1720	24.00	22.68	135.52%	0.269	0.365	-
LTE Band 4			1	0	Bottom Surface	19	20175	1732.5	24.00	22.72	134.28%	0.307	0.412	002
LTE Band 4			1	0	Bottom Surface	19	20300	1745	24.00	22.61	137.72%	0.275	0.379	-
LTE Band 4			50	50	Bottom Surface	19	20175	1732.5	23.00	21.70	134.90%	0.257	0.347	-
LTE Band 4			100RB		Bottom Surface	19	20050	1720	23.00	21.60	138.04%	0.233	0.322	-
LTE Band 5	10MHz	QPSK	1	0	Bottom Surface	19	20450	829	25.00	23.56	139.32%	0.317	0.442	-
LTE Band 5			1	0	Bottom Surface	19	20525	836.5	25.00	23.59	138.36%	0.301	0.416	-
LTE Band 5			1	0	Bottom Surface	19	20600	844	25.00	23.62	137.40%	0.329	0.452	003
LTE Band 5			25	12	Bottom Surface	19	20525	836.5	24.00	22.56	139.32%	0.276	0.385	-
LTE Band 5			25	25	Bottom Surface	19	20600	844	24.00	22.56	139.32%	0.264	0.368	-
LTE Band 5			50RB		Bottom Surface	19	20600	844	24.00	22.53	140.28%	0.235	0.330	-
LTE Band 7	20MHz	QPSK	1	0	Bottom Surface	19	20850	2510	24.00	22.58	138.68%	0.557	0.772	004
LTE Band 7			1	50	Bottom Surface	19	21100	2535	24.00	22.56	139.32%	0.516	0.719	-
LTE Band 7			1	99	Bottom Surface	19	21350	2560	24.00	22.57	139.00%	0.544	0.756	-
LTE Band 7			50	50	Bottom Surface	19	21350	2560	23.00	22.56	110.66%	0.463	0.512	-
LTE Band 7			100RB		Bottom Surface	19	21100	2535	23.00	22.56	110.66%	0.446	0.494	-
LTE Band 12	10MHz	QPSK	1	0	Bottom Surface	19	23060	704	25.00	23.73	133.97%	0.230	0.308	005
LTE Band 12			1	0	Bottom Surface	19	23095	707.5	25.00	23.68	135.52%	0.143	0.194	-
LTE Band 12			1	0	Bottom Surface	19	23130	711	25.00	23.70	134.90%	0.176	0.237	-
LTE Band 12			25	25	Bottom Surface	19	23060	704	24.00	23.70	107.15%	0.192	0.206	-
LTE Band 12			25	0	Bottom Surface	19	23130	711	24.00	23.70	107.15%	0.157	0.168	-
LTE Band 12			50RB		Bottom Surface	19	23060	704	24.00	23.62	109.14%	0.153	0.167	-
LTE Band 13	10MHz	QPSK	1	0	Bottom Surface	19	23230	782	25.00	23.63	137.09%	0.312	0.428	006
LTE Band 13			25	0	Bottom Surface	19	23230	782	24.00	23.53	111.43%	0.215	0.240	-
LTE Band 13			50RB		Bottom Surface	19	23230	782	24.00	23.50	112.20%	0.211	0.237	-
LTE Band 14	10MHz	QPSK	1	0	Bottom Surface	19	23330	793	25.00	23.77	132.74%	0.320	0.425	007
LTE Band 14			25	0	Bottom Surface	19	23330	793	24.00	23.66	108.14%	0.266	0.288	-
LTE Band 14			50RB		Bottom Surface	19	23330	793	24.00	23.68	107.69%	0.225	0.242	-
LTE Band 17	10MHz	QPSK	1	49	Bottom Surface	19	23780	709	25.00	23.68	135.52%	0.176	0.239	-
LTE Band 17			1	0	Bottom Surface	19	23790	710	25.00	23.71	134.59%	0.211	0.284	008
LTE Band 17			1	0	Bottom Surface	19	23800	711	25.00	23.67	135.83%	0.193	0.262	-
LTE Band 17			25	12	Bottom Surface	19	23790	710	24.00	23.69	107.40%	0.171	0.184	-
LTE Band 17			25	12	Bottom Surface	19	23800	711	24.00	23.69	107.40%	0.164	0.176	-
LTE Band 17			50RB		Bottom Surface	19	23780	709	24.00	23.68	107.65%	0.155	0.167	-
LTE Band 25	20MHz	QPSK	1	0	Bottom Surface	19	26140	1860	24.00	22.59	138.36%	0.345	0.477	009
LTE Band 25			1	0	Bottom Surface	19	26365	1882.5	24.00	22.53	140.28%	0.246	0.345	-
LTE Band 25			1	0	Bottom Surface	19	26590	1905	24.00	22.47	142.23%	0.297	0.422	-
LTE Band 25			50	0	Bottom Surface	19	26590	1905	23.00	22.50	112.20%	0.290	0.325	-
LTE Band 25			100RB		Bottom Surface	19	26365	1882.5	23.00	22.45	113.50%	0.263	0.299	-
LTE Band 26_FCC	15MHz	QPSK	1	0	Bottom Surface	19	26765	821.5	25.00	23.52	140.60%	0.246	0.346	-
LTE Band 26_FCC			1	0	Bottom Surface	19	26865	831.5	25.00	23.63	137.09%	0.183	0.251	-
LTE Band 26_FCC			1	0	Bottom Surface	19	26965	841.5	25.00	23.90	128.82%	0.279	0.359	010
LTE Band 26_FCC			36	18	Bottom Surface	19	26865	831.5	24.00	23.47	112.98%	0.237	0.268	-
LTE Band 26_FCC			75RB		Bottom Surface	19	26765	821.5	24.00	23.35	116.14%	0.218	0.253	-
LTE Band 30	10MHz	QPSK	1	0	Bottom Surface	19	27710	2310	22.98	21.77	132.13%	0.208	0.275	011
LTE Band 30			25	12	Bottom Surface	19	27710	2310	21.98	20.67	135.21%	0.151	0.204	-
LTE Band 30			50RB		Bottom Surface	19	27710	2310	21.98	20.63	136.46%	0.144	0.196	-
LTE Band 66	20MHz	QPSK	1	0	Bottom Surface	19	132072	1720	24.00	22.77	132.74%	0.314	0.417	012
LTE Band 66			1	0	Bottom Surface	19	132322	1745	24.00	22.45	142.89%	0.283	0.404	-
LTE Band 66			1	0	Bottom Surface	19	132572	1770	24.00	22.47	142.23%	0.245	0.348	-
LTE Band 66			50	0	Bottom Surface	19	132322	1745	23.00	21.44	143.22%	0.255	0.365	-
LTE Band 66			50	0	Bottom Surface	19	132572	1770	23.00	21.44	143.22%	0.248	0.355	-
LTE Band 66			100RB		Bottom Surface	19	132072	1720	23.00	21.44	143.22%	0.217	0.311	-

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LTE Band 70	20MHz	QPSK	1	0	Bottom Surface	19	133047	1702.5	24.00	23.54	111.17%	0.400	0.445	020
LTE Band 70			50	0	Bottom Surface	19	133047	1702.5	23.00	22.38	115.35%	0.370	0.427	-
LTE Band 70			100RB		Bottom Surface	19	133047	1702.5	23.00	22.42	114.29%	0.330	0.377	-
LTE Band 71	20MHz	QPSK	1	0	Bottom Surface	19	133222	673	25.00	23.59	138.36%	0.191	0.264	-
LTE Band 71			1	0	Bottom Surface	19	133297	680.5	25.00	23.79	132.13%	0.249	0.329	013
LTE Band 71			1	0	Bottom Surface	19	133372	688	25.00	23.69	135.21%	0.213	0.288	-
LTE Band 71			50	25	Bottom Surface	19	133372	688	24.00	22.58	138.69%	0.207	0.287	-
LTE Band 71			100RB		Bottom Surface	19	133297	680.5	24.00	22.59	138.36%	0.196	0.271	-
LTE Band 38	20MHz	QPSK	1	0	Bottom Surface	19	37850	2580	24.00	22.41	144.21%	0.213	0.307	-
LTE Band 38			1	0	Bottom Surface	19	38000	2595	24.00	22.29	148.25%	0.197	0.292	-
LTE Band 38			1	0	Bottom Surface	19	38150	2610	24.00	22.52	140.60%	0.251	0.353	014
LTE Band 38			50	25	Bottom Surface	19	37850	2580	23.00	21.40	144.54%	0.209	0.302	-
LTE Band 38			100RB		Bottom Surface	19	38150	2610	23.00	21.33	146.89%	0.191	0.281	-
LTE Band 41_PC3	20MHz	QPSK	1	0	Bottom Surface	19	39750	2506	24.00	22.29	148.25%	0.391	0.580	-
LTE Band 41_PC3			1	0	Bottom Surface	19	40185	2549.5	24.00	22.30	147.91%	0.452	0.669	015
LTE Band 41_PC3			1	0	Bottom Surface	19	40620	2593	24.00	22.29	148.25%	0.384	0.569	-
LTE Band 41_PC3			1	0	Bottom Surface	19	41055	2636.5	24.00	22.28	148.59%	0.412	0.612	-
LTE Band 41_PC3			1	0	Bottom Surface	19	41490	2680	24.00	22.21	151.01%	0.420	0.634	-
LTE Band 41_PC3			50	25	Bottom Surface	19	40185	2549.5	23.00	21.19	151.71%	0.373	0.566	-
LTE Band 41_PC3			50	25	Bottom Surface	19	40620	2593	23.00	21.19	151.71%	0.368	0.558	-
LTE Band 41_PC3			100RB		Bottom Surface	19	41490	2680	23.00	21.14	153.46%	0.326	0.500	-
LTE Band 42_Part1	20MHz	QPSK	1	0	Bottom Surface	19	42190	3460	22.00	21.38	115.35%	0.176	0.203	-
LTE Band 42_Part1			1	0	Bottom Surface	19	42590	3500	22.00	21.75	105.93%	0.195	0.207	016
LTE Band 42_Part1			1	0	Bottom Surface	19	42990	3540	22.00	21.33	116.68%	0.132	0.154	-
LTE Band 42_Part1			50	50	Bottom Surface	19	42590	3500	21.00	19.34	146.55%	0.138	0.202	-
LTE Band 42_Part1			100RB		Bottom Surface	19	42590	3500	21.00	19.37	145.55%	0.136	0.198	-
LTE Band 42_Part2	20MHz	QPSK	1	0	Bottom Surface	19	43190	3560	22.00	20.12	154.17%	0.114	0.176	-
LTE Band 42_Part2			1	0	Bottom Surface	19	43340	3575	22.00	20.16	152.76%	0.161	0.246	017
LTE Band 42_Part2			1	0	Bottom Surface	19	43490	3590	22.00	20.15	153.11%	0.093	0.142	-
LTE Band 42_Part2			50	25	Bottom Surface	19	43190	3560	21.00	19.22	150.66%	0.102	0.154	-
LTE Band 42_Part2			50	0	Bottom Surface	19	43490	3590	21.00	19.22	150.66%	0.093	0.140	-
LTE Band 42_Part2			100RB		Bottom Surface	19	43340	3575	21.00	19.22	150.66%	0.087	0.131	-
LTE Band 43	20MHz	QPSK	1	0	Bottom Surface	19	44190	3660	22.00	21.92	101.86%	0.192	0.196	-
LTE Band 43			1	0	Bottom Surface	19	44215	3662.5	22.00	21.98	100.46%	0.208	0.209	018
LTE Band 43			1	0	Bottom Surface	19	44240	3665	22.00	21.94	101.39%	0.201	0.204	-
LTE Band 43			50	50	Bottom Surface	19	44190	3660	21.00	20.92	101.86%	0.175	0.178	-
LTE Band 43			50	25	Bottom Surface	19	44215	3662.5	21.00	20.92	101.86%	0.167	0.170	-
LTE Band 43			100RB		Bottom Surface	19	44215	3662.5	21.00	20.92	101.86%	0.115	0.117	-
LTE Band 48	20MHz	QPSK	1	99	Bottom Surface	19	55340	3560	22.00	20.12	154.17%	0.117	0.180	-
LTE Band 48			1	0	Bottom Surface	19	55830	3609	22.00	20.13	153.82%	0.200	0.308	019
LTE Band 48			1	0	Bottom Surface	19	56150	3641	22.00	20.09	155.24%	0.136	0.211	-
LTE Band 48			1	0	Bottom Surface	19	56640	3690	22.00	20.11	154.53%	0.189	0.292	-
LTE Band 48			50	50	Bottom Surface	19	55830	3609	21.00	19.19	151.71%	0.166	0.252	-
LTE Band 48			100RB		Bottom Surface	19	55340	3560	21.00	19.18	152.05%	0.154	0.234	-
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
NR n2	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	372000	1860	24.00	23.19	120.50%	0.342	0.412	021
NR n2			1	1	Bottom Surface	19	376000	1880	24.00	23.05	124.45%	0.215	0.268	-
NR n2			1	1	Bottom Surface	19	380000	1900	24.00	23.15	121.62%	0.247	0.300	-
NR n2			50	28	Bottom Surface	19	372000	1860	24.00	23.10	123.03%	0.318	0.391	-
NR n5	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	166800	834	25.00	24.35	116.14%	0.243	0.282	-
NR n5			1	1	Bottom Surface	19	167300	836.5	25.00	24.42	114.29%	0.272	0.311	-
NR n5			1	1	Bottom Surface	19	167800	839	25.00	24.44	113.76%	0.337	0.383	022
NR n5			50	28	Bottom Surface	19	167300	836.5	25.00	24.36	115.88%	0.315	0.365	-
NR n7	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	502000	2510	24.00	23.04	124.74%	0.552	0.689	023
NR n7			1	1	Bottom Surface	19	507000	2535	24.00	23.01	125.60%	0.493	0.619	-
NR n7			1	1	Bottom Surface	19	512000	2560	24.00	22.96	127.06%	0.437	0.555	-
NR n7			50	28	Bottom Surface	19	502000	2510	24.00	22.93	127.94%	0.516	0.660	-
NR n12	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	141300	706.5	25.00	24.37	115.61%	0.214	0.247	024
NR n12			1	1	Bottom Surface	19	141500	707.5	25.00	24.30	117.49%	0.113	0.133	-
NR n12			1	1	Bottom Surface	19	141700	708.5	25.00	24.26	118.58%	0.154	0.183	-
NR n12			36	22	Bottom Surface	19	141300	706.5	25.00	24.26	118.58%	0.194	0.230	-
NR n13	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	156400	782	25.00	23.87	129.72%	0.363	0.471	025
NR n13			25	13	Bottom Surface	19	156400	782	25.00	23.82	131.22%	0.347	0.455	-
NR n13			50	0	Bottom Surface	19	156400	782	24.50	23.22	134.28%	0.308	0.414	-
NR n14	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	158600	793	25.00	23.96	127.06%	0.348	0.442	026
NR n14			25	13	Bottom Surface	19	158600	793	25.00	23.80	131.83%	0.315	0.415	-
NR n14			50	0	Bottom Surface	19	158600	793	24.50	23.35	130.32%	0.297	0.387	-
NR n25	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	372000	1860	24.00	23.19	120.50%	0.402	0.484	027
NR n25			1	1	Bottom Surface	19	376500	1882.5	24.00	22.96	127.06%	0.316	0.402	-
NR n25			1	1	Bottom Surface	19	381000	1905	24.00	22.99	126.18%	0.373	0.471	-
NR n25			50	28	Bottom Surface	19	372000	1860	24.00	23.10	123.03%	0.391	0.481	-
NR n26	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	164800	824	25.00	24.40	114.82%	0.349	0.401	028
NR n26			1	1	Bottom Surface	19	166300	831.5	25.00	24.35	116.14%	0.333	0.387	-
NR n26			1	1	Bottom Surface	19	167800	839	25.00	24.38	115.35%	0.283	0.326	-
NR n26			50	28	Bottom Surface	19	166300	831.5	25.00	24.28	118.03%	0.338	0.399	-

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NR n30	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	462000	2310	22.98	21.61	137.09%	0.177	0.243	029
NR n30			25	13	Bottom Surface	19	462000	2310	22.98	21.59	137.72%	0.153	0.211	-
NR n30			50	0	Bottom Surface	19	462000	2310	22.48	21.03	139.64%	0.112	0.156	-
NR n66	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	344000	1720	24.00	22.91	128.53%	0.341	0.438	030
NR n66			1	1	Bottom Surface	19	349000	1745	24.00	22.87	129.72%	0.247	0.320	-
NR n66			1	1	Bottom Surface	19	354000	1770	24.00	22.77	132.74%	0.269	0.357	-
NR n66			50	28	Bottom Surface	19	344000	1720	24.00	22.85	130.32%	0.310	0.404	-
NR n70	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	340500	1702.5	24.00	23.21	119.95%	0.358	0.429	031
NR n70			36	22	Bottom Surface	19	340500	1702.5	24.00	23.03	125.03%	0.316	0.395	-
NR n70			75	0	Bottom Surface	19	340500	1702.5	23.50	22.57	123.88%	0.283	0.351	-
NR n71	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	19	134600	673	25.00	24.40	114.82%	0.191	0.219	-
NR n71			1	1	Bottom Surface	19	136100	680.5	25.00	24.49	112.46%	0.260	0.292	032
NR n71			1	1	Bottom Surface	19	137600	688	25.00	24.45	113.50%	0.159	0.180	-
NR n71			50	28	Bottom Surface	19	137600	688	25.00	24.36	115.89%	0.245	0.284	-
NR n38	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	19	516000	2580	24.00	23.20	120.23%	0.089	0.107	033
NR n38			1	1	Bottom Surface	19	519000	2595	24.00	23.18	120.78%	0.073	0.088	-
NR n38			1	1	Bottom Surface	19	522000	2610	24.00	23.10	123.03%	0.069	0.085	-
NR n38			25	13	Bottom Surface	19	516000	2580	24.00	23.01	125.60%	0.083	0.104	-
NR n41_PC3	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	19	501204	2506.02	24.00	23.15	121.62%	0.061	0.074	-
NR n41_PC3			1	1	Bottom Surface	19	518598	2592.99	24.00	23.18	120.78%	0.080	0.097	034
NR n41_PC3			1	1	Bottom Surface	19	535998	2679.99	24.00	22.94	127.64%	0.066	0.084	-
NR n41_PC3			25	13	Bottom Surface	19	501204	2506.02	24.00	23.12	122.46%	0.072	0.088	-
NR n48	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	19	637334	3560.01	22.00	20.58	138.68%	0.038	0.053	-
NR n48			1	1	Bottom Surface	19	641668	3625.02	22.00	20.65	136.46%	0.031	0.042	-
NR n48			1	1	Bottom Surface	19	646000	3690	22.00	20.87	129.72%	0.050	0.065	035
NR n48			25	13	Bottom Surface	19	646000	3690	22.00	20.67	135.83%	0.046	0.062	-
NR n77_PC3_FCC	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	19	650000	3750	24.00	23.10	123.03%	0.066	0.081	036
NR n77_PC3_FCC			1	1	Bottom Surface	19	653000	3795	24.00	22.76	133.05%	0.055	0.073	-
NR n77_PC3_FCC			1	1	Bottom Surface	19	656000	3840	24.00	22.82	131.22%	0.034	0.045	-
NR n77_PC3_FCC			1	1	Bottom Surface	19	659000	3885	24.00	22.52	140.60%	0.048	0.067	-
NR n77_PC3_FCC			1	1	Bottom Surface	19	662000	3930	24.00	22.38	145.21%	0.044	0.064	-
NR n77_PC3_FCC			25	13	Bottom Surface	19	650000	3750	24.00	22.92	128.23%	0.061	0.078	-
NR n77 & n78_PC3_FCC	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	19	633333	3499.995	24.00	23.39	115.08%	0.117	0.135	037
NR n77 & n78_PC3_FCC			25	13	Bottom Surface	19	633333	3499.995	24.00	23.22	119.67%	0.098	0.117	-
NR n77 & n78_PC3_FCC			270	0	Bottom Surface	19	633333	3499.995	23.50	22.43	127.94%	0.084	0.107	-
NR n78_PC3_FCC	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	19	645000	3750	24.00	22.74	133.66%	0.063	0.084	038
NR n78_PC3_FCC			25	13	Bottom Surface	19	645000	3750	24.00	22.55	139.64%	0.047	0.066	-

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

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

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SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Reduced power

Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1	0	Bottom Surface	0	18700	1860	20.00	19.94	101.39%	1.180	1.196	039
LTE Band 2			1	0	Bottom Surface	0	18900	1880	20.00	19.83	103.99%	1.140	1.186	-
LTE Band 2			1	0	Bottom Surface	0	19100	1900	20.00	19.81	104.47%	1.090	1.139	-
LTE Band 2			50	25	Bottom Surface	0	18700	1860	19.00	18.79	104.95%	0.979	1.028	-
LTE Band 2			50	50	Bottom Surface	0	18900	1860	19.00	18.65	108.39%	0.944	1.023	-
LTE Band 2			50	25	Bottom Surface	0	19100	1860	19.00	18.76	105.69%	0.952	1.006	-
LTE Band 2			100RB		Bottom Surface	0	18700	1860	19.00	18.76	105.68%	0.986	1.042	-
LTE Band 2			1	0	Bottom Surface*	0	18700	1860	20.00	19.94	101.39%	1.160	1.176	-
LTE Band 4	20MHz	QPSK	1	0	Bottom Surface	0	20050	1720	21.00	20.48	112.72%	0.989	1.115	-
LTE Band 4			1	0	Bottom Surface	0	20175	1732.5	21.00	20.66	108.14%	1.040	1.125	040
LTE Band 4			1	0	Bottom Surface	0	20300	1745	21.00	20.54	111.17%	0.973	1.082	-
LTE Band 4			50	0	Bottom Surface	0	20050	1720	20.00	19.43	114.02%	0.839	0.957	-
LTE Band 4			50	25	Bottom Surface	0	20175	1732.5	20.00	19.44	113.76%	0.845	0.961	-
LTE Band 4			50	25	Bottom Surface	0	20300	1745	20.00	19.36	115.89%	0.824	0.955	-
LTE Band 4			100RB		Bottom Surface	0	20050	1720	20.00	19.40	114.82%	0.868	0.997	-
LTE Band 4			1	0	Bottom Surface*	0	20175	1732.5	21.00	20.66	108.14%	0.992	1.073	-
LTE Band 5	10MHz	QPSK	1	0	Bottom Surface	0	20450	829	22.00	21.46	113.24%	0.834	0.944	-
LTE Band 5			1	0	Bottom Surface	0	20525	836.5	22.00	21.42	114.29%	0.873	0.998	-
LTE Band 5			1	0	Bottom Surface	0	20600	844	22.00	21.55	110.92%	0.906	1.005	041
LTE Band 5			25	25	Bottom Surface	0	20450	829	21.00	20.30	117.49%	0.727	0.854	-
LTE Band 5			25	25	Bottom Surface	0	20525	836.5	21.00	20.36	115.89%	0.743	0.861	-
LTE Band 5			25	0	Bottom Surface	0	20600	844	21.00	20.30	117.49%	0.716	0.841	-
LTE Band 5			50RB		Bottom Surface	0	20450	829	21.00	20.32	116.95%	0.759	0.888	-
LTE Band 7	20MHz	QPSK	1	0	Bottom Surface	0	20850	2510	17.00	16.56	110.66%	1.030	1.140	-
LTE Band 7			1	0	Bottom Surface	0	21100	2535	17.00	16.51	111.94%	1.010	1.131	-
LTE Band 7			1	0	Bottom Surface	0	21350	2560	17.00	16.61	109.40%	1.050	1.149	042
LTE Band 7			50	25	Bottom Surface	0	20850	2510	16.00	15.43	114.02%	0.814	0.928	-
LTE Band 7			50	0	Bottom Surface	0	21100	2535	16.00	15.41	114.55%	0.845	0.968	-
LTE Band 7			50	25	Bottom Surface	0	21350	2560	16.00	15.48	112.72%	0.861	0.971	-
LTE Band 7			100RB		Bottom Surface	0	21350	2560	16.00	15.41	114.55%	0.877	1.005	-
LTE Band 7			1	0	Bottom Surface*	0	21350	2560	17.00	16.61	109.40%	1.020	1.116	-
LTE Band 12	10MHz	QPSK	1	0	Bottom Surface	0	23060	704	23.00	22.61	109.40%	1.010	1.105	-
LTE Band 12			1	0	Bottom Surface	0	23095	707.5	23.00	22.64	108.64%	1.060	1.152	-
LTE Band 12			1	0	Bottom Surface	0	23130	711	23.00	22.66	108.14%	1.100	1.190	043
LTE Band 12			25	0	Bottom Surface	0	23060	704	22.00	21.52	111.69%	0.909	1.015	-
LTE Band 12			25	25	Bottom Surface	0	23095	707.5	22.00	21.57	110.41%	0.926	1.022	-
LTE Band 12			25	0	Bottom Surface	0	23130	711	22.00	21.51	111.94%	0.916	1.025	-
LTE Band 12			50RB		Bottom Surface	0	23060	704	22.00	21.49	112.46%	0.914	1.028	-
LTE Band 12			1	0	Bottom Surface*	0	23130	711	23.00	22.66	108.14%	1.080	1.168	-
LTE Band 13	10MHz	QPSK	1	0	Bottom Surface	0	23230	782	22.00	21.46	113.24%	0.846	0.958	044
LTE Band 13			1	0	Bottom Surface	0	23230	782	22.00	21.46	113.24%	0.812	0.920	-
LTE Band 13			25	0	Bottom Surface	0	23230	782	21.00	20.26	118.58%	0.702	0.832	-
LTE Band 13			25	12	Bottom Surface	0	23230	782	21.00	20.39	115.08%	0.695	0.800	-
LTE Band 13			50RB		Bottom Surface	0	23230	782	21.00	20.44	113.76%	0.691	0.786	-
LTE Band 14	10MHz	QPSK	1	0	Bottom Surface	0	23330	793	23.00	22.51	111.94%	0.953	1.067	045
LTE Band 14			25	0	Bottom Surface	0	23330	793	22.00	21.35	116.14%	0.786	0.913	-
LTE Band 14			50RB		Bottom Surface	0	23330	793	22.00	21.40	114.82%	0.793	0.910	-
LTE Band 17	10MHz	QPSK	1	0	Bottom Surface	0	23780	709	22.00	21.64	108.64%	0.874	0.950	-
LTE Band 17			1	0	Bottom Surface	0	23790	710	22.00	21.67	107.89%	0.908	0.980	046
LTE Band 17			1	0	Bottom Surface	0	23800	711	22.00	21.61	109.40%	0.836	0.915	-
LTE Band 17			25	0	Bottom Surface	0	23780	709	21.00	20.57	110.41%	0.739	0.816	-
LTE Band 17			25	12	Bottom Surface	0	23790	710	21.00	20.58	110.15%	0.752	0.828	-
LTE Band 17			25	25	Bottom Surface	0	23800	711	21.00	20.57	110.41%	0.720	0.795	-
LTE Band 17			50RB		Bottom Surface	0	23780	709	21.00	20.57	110.41%	0.761	0.840	-
LTE Band 25	20MHz	QPSK	1	0	Bottom Surface	0	26140	1860	20.00	19.99	100.23%	1.120	1.123	047
LTE Band 25			1	0	Bottom Surface	0	26365	1882.5	20.00	19.79	104.95%	1.010	1.060	-
LTE Band 25			1	0	Bottom Surface	0	26590	1905	20.00	19.76	105.68%	1.050	1.110	-
LTE Band 25			50	0	Bottom Surface	0	26140	1860	19.00	18.63	108.89%	0.908	0.989	-
LTE Band 25			50	25	Bottom Surface	0	26365	1882.5	19.00	18.64	108.64%	0.903	0.981	-
LTE Band 25			50	0	Bottom Surface	0	26590	1905	19.00	18.72	106.66%	0.928	0.990	-
LTE Band 25			100RB		Bottom Surface	0	26590	1905	19.00	18.74	106.17%	0.931	0.988	-
LTE Band 26_FCC	15MHz	QPSK	1	0	Bottom Surface	0	26765	821.5	23.00	22.55	110.92%	0.936	1.038	048
LTE Band 26_FCC			1	0	Bottom Surface	0	26865	831.5	23.00	22.45	113.50%	0.907	1.029	-
LTE Band 26_FCC			1	0	Bottom Surface	0	26965	841.5	23.00	22.38	115.35%	0.893	1.030	-
LTE Band 26_FCC			36	0	Bottom Surface	0	26765	821.5	22.00	21.35	116.14%	0.786	0.913	-
LTE Band 26_FCC			36	0	Bottom Surface	0	26865	831.5	22.00	21.35	116.14%	0.779	0.905	-
LTE Band 26_FCC			36	0	Bottom Surface	0	26965	841.5	22.00	21.34	116.41%	0.765	0.891	-
LTE Band 26_FCC			75RB		Bottom Surface	0	26965	841.5	22.00	21.34	116.41%	0.791	0.921	-
LTE Band 30	10MHz	QPSK	1	0	Bottom Surface	0	27710	2310	20.98	20.32	116.41%	0.882	1.027	049
LTE Band 30			1	0	Bottom Surface	0	27710	2310	20.98	20.32	116.41%	0.813	0.946	-
LTE Band 30			25	0	Bottom Surface	0	27710	2310	19.98	19.25	118.30%	0.726	0.859	-
LTE Band 30			25	0	Bottom Surface	0	27710	2310	19.98	19.25	118.30%	0.714	0.845	-
LTE Band 30			50RB		Bottom Surface	0	27710	2310	19.98	19.29	117.22%	0.731	0.857	-
LTE Band 30			1	0	Bottom Surface*	0	27710	2310	20.98	20.32	116.41%	0.876	1.020	-
LTE Band 66	20MHz	QPSK	1	0	Bottom Surface	0	132072	1720	20.00	19.37	115.61%	0.681	0.787	-
LTE Band 66			1	0	Bottom Surface	0	132322	1745	20.00	19.51	111.94%	0.707	0.791	050
LTE Band 66			1	0	Bottom Surface	0	132572	1770	20.00	19.38	115.35%	0.653	0.753	-
LTE Band 66			50	0	Bottom Surface	0	132322	1745	19.00	18.34	116.41%	0.583	0.679	-
LTE Band 66			100RB		Bottom Surface	0	132322	1745	19.00	18.33	116.68%	0.579	0.676	-

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LTE Band 70	20MHz	QPSK	1	0	Bottom Surface	0	18700	1860	20.00	19.94	101.39%	0.695	0.705	-
LTE Band 70			1	0	Bottom Surface	0	133047	1702.5	20.00	19.13	122.18%	0.752	0.919	058
LTE Band 70			1	0	Bottom Surface	0	19100	1900	20.00	19.81	104.47%	0.717	0.749	-
LTE Band 70			50	25	Bottom Surface	0	18700	1860	19.00	18.79	104.95%	0.623	0.654	-
LTE Band 70			100RB		Bottom Surface	0	133047	1702.5	19.00	18.08	123.59%	0.618	0.764	-
LTE Band 71	20MHz	QPSK	1	0	Bottom Surface	0	133222	673	23.00	22.77	105.44%	0.973	1.026	-
LTE Band 71			1	0	Bottom Surface	0	133297	680.5	23.00	22.67	107.89%	0.946	1.021	-
LTE Band 71			1	0	Bottom Surface	0	133372	688	23.00	22.80	104.71%	0.981	1.027	051
LTE Band 71			50	0	Bottom Surface	0	133222	673	22.00	21.64	108.64%	0.810	0.880	-
LTE Band 71			50	50	Bottom Surface	0	133297	680.5	22.00	21.64	108.64%	0.806	0.876	-
LTE Band 71			50	50	Bottom Surface	0	133372	688	22.00	21.64	108.64%	0.793	0.862	-
LTE Band 71			100RB		Bottom Surface	0	133222	673	22.00	21.55	110.92%	0.801	0.888	-
LTE Band 38	20MHz	QPSK	1	0	Bottom Surface	0	37850	2580	17.00	16.40	114.82%	0.834	0.958	-
LTE Band 38			1	0	Bottom Surface	0	38000	2595	17.00	16.35	116.14%	0.821	0.954	-
LTE Band 38			1	0	Bottom Surface	0	38150	2610	17.00	16.52	111.69%	0.879	0.982	052
LTE Band 38			50	0	Bottom Surface	0	37850	2580	16.00	15.25	118.85%	0.714	0.849	-
LTE Band 38			50	0	Bottom Surface	0	38000	2595	16.00	15.25	118.85%	0.698	0.830	-
LTE Band 38			50	0	Bottom Surface	0	38150	2610	16.00	15.28	118.03%	0.731	0.863	-
LTE Band 38			100RB		Bottom Surface	0	37850	2580	16.00	15.27	118.30%	0.712	0.842	-
LTE Band 41_PC3	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	16.00	15.69	107.40%	0.733	0.787	-
LTE Band 41_PC3			1	0	Bottom Surface	0	40185	2549.5	16.00	15.78	105.20%	0.812	0.854	053
LTE Band 41_PC3			1	0	Bottom Surface	0	40620	2593	16.00	15.62	109.14%	0.746	0.814	-
LTE Band 41_PC3			1	0	Bottom Surface	0	41055	2636.5	16.00	15.56	110.66%	0.714	0.790	-
LTE Band 41_PC3			1	0	Bottom Surface	0	41490	2680	16.00	15.51	111.94%	0.735	0.823	-
LTE Band 41_PC3			50	50	Bottom Surface	0	41055	2636.5	15.00	14.48	112.72%	0.671	0.756	-
LTE Band 41_PC3			100RB		Bottom Surface	0	40185	2549.5	15.00	14.47	112.98%	0.662	0.748	-
LTE Band 42_Part1	20MHz	QPSK	1	0	Bottom Surface	0	42190	3460	18.00	17.84	103.75%	0.843	0.875	054
LTE Band 42_Part1			1	0	Bottom Surface	0	42590	3500	18.00	17.73	106.41%	0.815	0.867	-
LTE Band 42_Part1			1	0	Bottom Surface	0	42990	3540	18.00	17.70	107.15%	0.794	0.851	-
LTE Band 42_Part1			50	0	Bottom Surface	0	42590	3500	17.00	16.67	107.89%	0.713	0.769	-
LTE Band 42_Part1			100RB		Bottom Surface	0	42190	3460	17.00	16.54	111.17%	0.701	0.779	-
LTE Band 42_Part1			1	0	Bottom Surface*	0	42190	3460	18.00	17.84	103.75%	0.821	0.852	-
LTE Band 42_Part2	20MHz	QPSK	1	0	Bottom Surface	0	43190	3560	18.00	17.58	110.15%	0.917	1.010	-
LTE Band 42_Part2			1	0	Bottom Surface	0	43340	3575	18.00	17.61	109.40%	0.934	1.022	-
LTE Band 42_Part2			1	0	Bottom Surface	0	43490	3590	18.00	17.63	108.89%	0.958	1.043	055
LTE Band 42_Part2			50	0	Bottom Surface	0	43190	3560	17.00	16.41	114.55%	0.789	0.904	-
LTE Band 42_Part2			50	25	Bottom Surface	0	43340	3575	17.00	16.53	111.43%	0.813	0.906	-
LTE Band 42_Part2			50	50	Bottom Surface	0	43490	3590	17.00	16.47	112.98%	0.791	0.894	-
LTE Band 42_Part2			100RB		Bottom Surface	0	43190	3560	17.00	16.55	110.92%	0.804	0.892	-
LTE Band 43	20MHz	QPSK	1	0	Bottom Surface	0	44190	3660	18.00	17.35	116.14%	0.835	0.970	056
LTE Band 43			1	0	Bottom Surface	0	44215	3662.5	18.00	17.33	116.68%	0.812	0.947	-
LTE Band 43			1	0	Bottom Surface	0	44240	3665	18.00	17.30	117.49%	0.824	0.968	-
LTE Band 43			50	25	Bottom Surface	0	44190	3660	17.00	16.25	118.85%	0.677	0.805	-
LTE Band 43			50	50	Bottom Surface	0	44215	3662.5	17.00	16.25	118.85%	0.683	0.812	-
LTE Band 43			50	50	Bottom Surface	0	44240	3665	17.00	16.26	118.58%	0.691	0.819	-
LTE Band 43			100RB		Bottom Surface	0	44190	3660	17.00	16.21	119.95%	0.685	0.822	-
LTE Band 43			1	0	Bottom Surface*	0	44190	3660	18.00	17.35	116.14%	0.825	0.958	-
LTE Band 48	20MHz	QPSK	1	0	Bottom Surface	0	55340	3560	18.00	17.21	119.95%	0.861	1.033	-
LTE Band 48			1	0	Bottom Surface	0	55830	3609	18.00	17.40	114.82%	0.906	1.040	057
LTE Band 48			1	0	Bottom Surface	0	56150	3641	18.00	17.32	116.95%	0.843	0.986	-
LTE Band 48			1	0	Bottom Surface	0	56640	3690	18.00	17.39	115.08%	0.852	0.980	-
LTE Band 48			50	50	Bottom Surface	0	55340	3560	17.00	16.18	120.78%	0.742	0.896	-
LTE Band 48			50	25	Bottom Surface	0	55830	3609	17.00	16.17	121.06%	0.738	0.893	-
LTE Band 48			50	0	Bottom Surface	0	56150	3641	17.00	16.09	123.31%	0.721	0.889	-
LTE Band 48			50	0	Bottom Surface	0	56640	3690	17.00	16.19	120.50%	0.751	0.905	-
LTE Band 48			100RB		Bottom Surface	0	56640	3690	17.00	16.16	121.34%	0.763	0.926	-
LTE Band 48			1	0	Bottom Surface*	0	55340	3560	18.00	17.21	119.95%	0.893	1.071	-

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	18.00	17.40	114.82%	0.720	0.827	059
NR n2			1	1	Bottom Surface	0	376000	1880	18.00	17.26	118.58%	0.692	0.821	-
NR n2			1	1	Bottom Surface	0	380000	1900	18.00	17.33	116.68%	0.614	0.716	-
NR n2			50	28	Bottom Surface	0	372000	1860	18.00	17.05	124.45%	0.558	0.694	-
NR n2			50	28	Bottom Surface	0	376000	1880	18.00	17.08	123.59%	0.623	0.770	-
NR n2			50	28	Bottom Surface	0	380000	1900	18.00	17.11	122.74%	0.657	0.806	-
NR n2			100	0	Bottom Surface	0	376000	1880	17.50	16.68	120.78%	0.593	0.716	-
NR n5	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	166800	834	23.00	22.97	100.69%	1.080	1.087	-
NR n5			1	1	Bottom Surface	0	167300	836.5	23.00	22.90	102.33%	1.030	1.054	-
NR n5			1	1	Bottom Surface	0	167800	839	23.00	22.99	100.23%	1.110	1.113	060
NR n5			50	28	Bottom Surface	0	166800	834	23.00	22.86	103.28%	1.060	1.095	-
NR n5			50	28	Bottom Surface	0	167300	836.5	23.00	22.82	104.23%	1.030	1.074	-
NR n5			50	28	Bottom Surface	0	167800	839	23.00	22.70	107.15%	1.020	1.093	-
NR n5			100	0	Bottom Surface	0	167800	839	22.50	22.38	102.80%	0.989	1.017	-
NR n5			1	1	Bottom Surface*	0	167800	839	23.00	22.99	100.23%	1.090	1.093	-
NR n7	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	502000	2510	15.00	14.45	113.50%	0.700	0.795	061
NR n7			1	1	Bottom Surface	0	507000	2535	15.00	14.42	114.29%	0.632	0.722	-
NR n7			1	1	Bottom Surface	0	512000	2560	15.00	14.39	115.08%	0.651	0.749	-
NR n7			50	28	Bottom Surface	0	512000	2560	15.00	14.32	116.95%	0.672	0.786	-

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NR n12	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	141300	706.5	21.00	20.48	112.72%	0.784	0.884	062
NR n12			1	1	Bottom Surface	0	141500	707.5	21.00	20.47	112.98%	0.715	0.808	-
NR n12			1	1	Bottom Surface	0	141700	708.5	21.00	20.44	113.76%	0.703	0.800	-
NR n12			36	22	Bottom Surface	0	141300	706.5	21.00	20.26	118.58%	0.665	0.789	-
NR n12			36	22	Bottom Surface	0	141500	707.5	21.00	20.38	115.35%	0.695	0.802	-
NR n12			36	22	Bottom Surface	0	141700	708.5	21.00	20.23	119.40%	0.684	0.817	-
NR n12			75	0	Bottom Surface	0	141500	707.5	20.50	19.89	115.08%	0.764	0.879	-
NR n13	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	156400	782	22.00	21.33	116.66%	0.821	0.958	063
NR n13			25	13	Bottom Surface	0	156400	782	22.00	21.12	122.46%	0.773	0.947	-
NR n13			50	0	Bottom Surface	0	156400	782	21.50	20.76	118.58%	0.745	0.883	-
NR n14	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	158600	793	22.00	21.32	116.95%	0.796	0.931	064
NR n14			25	13	Bottom Surface	0	158600	793	22.00	21.18	120.78%	0.698	0.843	-
NR n14			50	0	Bottom Surface	0	158600	793	21.50	20.65	121.62%	0.730	0.888	-
NR n25	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	372000	1860	18.00	17.38	115.35%	0.796	0.918	065
NR n25			1	1	Bottom Surface	0	376500	1882.5	18.00	17.32	116.95%	0.783	0.916	-
NR n25			1	1	Bottom Surface	0	381000	1905	18.00	17.30	117.49%	0.715	0.840	-
NR n25			50	28	Bottom Surface	0	372000	1860	18.00	17.18	120.78%	0.732	0.884	-
NR n25			50	28	Bottom Surface	0	376500	1882.5	18.00	17.16	121.34%	0.727	0.882	-
NR n25			50	28	Bottom Surface	0	381000	1905	18.00	17.18	120.78%	0.738	0.891	-
NR n25			100	0	Bottom Surface	0	381000	1905	17.50	16.76	118.58%	0.710	0.842	-
NR n26	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	164800	824	21.00	20.49	112.46%	0.741	0.833	066
NR n26			1	1	Bottom Surface	0	166300	831.5	21.00	20.46	113.24%	0.681	0.771	-
NR n26			1	1	Bottom Surface	0	167800	839	21.00	20.42	114.29%	0.700	0.800	-
NR n26			50	28	Bottom Surface	0	164800	824	21.00	20.34	116.41%	0.715	0.832	-
NR n26			50	28	Bottom Surface	0	166300	831.5	21.00	20.21	119.95%	0.693	0.831	-
NR n26			50	28	Bottom Surface	0	167800	839	21.00	20.32	116.95%	0.689	0.806	-
NR n26			100	0	Bottom Surface	0	166300	831.5	20.50	19.88	115.35%	0.687	0.792	-
NR n30	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	462000	2310	20.98	20.68	107.15%	0.847	0.908	067
NR n30			25	13	Bottom Surface	0	462000	2310	20.98	20.48	112.20%	0.786	0.882	-
NR n30			50	0	Bottom Surface	0	462000	2310	20.48	20.17	107.40%	0.793	0.852	-
NR n66	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	344000	1720	19.00	18.26	118.58%	0.521	0.618	-
NR n66			1	1	Bottom Surface	0	349000	1745	19.00	18.36	115.88%	0.542	0.628	068
NR n66			1	104	Bottom Surface	0	354000	1770	19.00	18.19	120.50%	0.509	0.613	-
NR n66			50	28	Bottom Surface	0	349000	1745	19.00	18.23	119.40%	0.512	0.611	-
NR n70	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	340500	1702.5	19.00	18.27	118.30%	0.713	0.844	069
NR n70			36	22	Bottom Surface	0	340500	1702.5	19.00	18.16	121.34%	0.658	0.798	-
NR n70			75	0	Bottom Surface	0	340500	1702.5	18.50	17.74	119.12%	0.681	0.811	-
NR n71	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	134600	673	22.00	21.34	116.41%	0.832	0.969	-
NR n71			1	1	Bottom Surface	0	136100	680.5	22.00	21.36	115.88%	0.857	0.993	-
NR n71			1	1	Bottom Surface	0	137600	688	22.00	21.42	114.29%	0.876	1.001	070
NR n71			50	28	Bottom Surface	0	134600	673	22.00	21.10	123.03%	0.719	0.885	-
NR n71			50	28	Bottom Surface	0	136100	680.5	22.00	21.06	124.17%	0.704	0.874	-
NR n71			50	28	Bottom Surface	0	137600	688	22.00	21.19	120.50%	0.711	0.857	-
NR n71			100	0	Bottom Surface	0	134600	673	21.50	20.66	121.34%	0.691	0.838	-
NR n38	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	516000	2580	18.50	18.47	100.69%	0.267	0.269	-
NR n38			1	1	Bottom Surface	0	519000	2595	18.50	18.49	100.23%	0.320	0.321	071
NR n38			1	1	Bottom Surface	0	522000	2610	18.50	18.29	104.95%	0.283	0.297	-
NR n38			25	13	Bottom Surface	0	519000	2595	18.50	17.74	119.12%	0.264	0.314	-
NR n41_PC3	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	501204	2506.02	16.50	16.44	101.39%	0.953	0.966	072
NR n41_PC3			1	1	Bottom Surface	0	518598	2592.99	16.50	16.31	104.47%	0.889	0.929	-
NR n41_PC3			1	1	Bottom Surface	0	535998	2679.99	16.50	16.20	107.15%	0.875	0.938	-
NR n41_PC3			25	13	Bottom Surface	0	501204	2506.02	16.50	15.60	123.03%	0.762	0.937	-
NR n41_PC3			25	13	Bottom Surface	0	518598	2592.99	16.50	15.60	123.03%	0.773	0.951	-
NR n41_PC3			25	13	Bottom Surface	0	535998	2679.99	16.50	15.50	125.89%	0.760	0.957	-
NR n41_PC3			270	0	Bottom Surface	0	535998	2679.99	16.00	15.10	123.03%	0.781	0.961	-
NR n48	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	637334	3560.01	18.00	17.48	112.72%	0.824	0.929	-
NR n48			1	1	Bottom Surface	0	641668	3625.02	18.00	17.52	111.69%	0.819	0.915	-
NR n48			1	1	Bottom Surface	0	646000	3690	18.00	17.56	110.66%	0.879	0.973	073
NR n48			25	13	Bottom Surface	0	637334	3560.01	18.00	17.41	114.55%	0.847	0.970	-
NR n48			25	13	Bottom Surface	0	641668	3625.02	18.00	17.30	117.49%	0.820	0.963	-
NR n48			25	13	Bottom Surface	0	646000	3690	18.00	17.33	116.68%	0.813	0.949	-
NR n48			50	0	Bottom Surface	0	646000	3690	17.50	16.84	116.41%	0.811	0.944	-
NR n77_PC3_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	18.00	17.57	110.41%	0.690	0.762	074
NR n77_PC3_FCC			1	1	Bottom Surface	0	653000	3795	18.00	17.45	113.50%	0.597	0.678	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	656000	3840	18.00	17.48	112.72%	0.603	0.680	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	659000	3885	18.00	17.51	111.94%	0.609	0.682	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	662000	3930	18.00	17.32	116.95%	0.581	0.679	-
NR n77_PC3_FCC			25	13	Bottom Surface	0	656000	3840	18.00	17.21	119.95%	0.573	0.687	-
NR n77 & n78_PC3_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	633333	3499.995	18.00	17.76	105.68%	1.100	1.162	075
NR n77 & n78_PC3_FCC			25	13	Bottom Surface	0	633333	3499.995	18.00	17.61	109.40%	1.040	1.138	-
NR n77 & n78_PC3_FCC			270	0	Bottom Surface	0	633333	3499.995	17.50	16.78	118.03%	0.956	1.128	-
NR n77 & n78_PC3_FCC			1	1	Bottom Surface*	0	633333	3499.995	18.00	17.76	105.68%	1.090	1.152	-
NR n78_PC3_FCC	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	645000	3750	18.00	17.67	107.89%	1.100	1.187	076
NR n78_PC3_FCC			25	13	Bottom Surface	0	645000	3750	18.00	17.51	111.94%	1.050	1.175	-
NR n78_PC3_FCC			270	0	Bottom Surface	0	645000	3750	17.50	17.50	100.00%	1.020	1.020	-
NR n78_PC3_FCC			1	1	Bottom Surface*	0	645000	3750	18.00	17.67	107.89%	1.080	1.165	-

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

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WLAN

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Main	Bottom Surface	0	1	2412	15.00	14.96	1.01	100.93%	0.139	0.142	-
WLAN 802.11b	Main	Bottom Surface	0	6	2437	15.00	14.99	1.01	100.23%	0.157	0.159	077
WLAN 802.11b	Main	Bottom Surface	0	11	2462	15.00	14.93	1.01	101.62%	0.145	0.149	-
WLAN 802.11b	Main	Bottom Surface**	0	6	2437	15.00	14.99	1.01	100.23%	0.140	0.142	-
WLAN 802.11b	Main	Bottom Surface***	0	6	2437	15.00	14.99	1.01	100.23%	0.224	0.227	101
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Main	Bottom Surface	0	50	5250	13.50	13.48	1.02	100.46%	0.317	0.323	078
WLAN 802.11ac(160M) 5.2G	Main	Bottom Surface**	0	50	5250	13.50	13.48	1.02	100.46%	0.233	0.238	-
WLAN 802.11ac(160M) 5.2G	Main	Bottom Surface***	0	50	5250	13.50	13.48	1.02	100.46%	0.253	0.258	102
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Main	Bottom Surface	0	58	5290	13.50	13.47	1.02	100.69%	0.299	0.306	079
WLAN 802.11ac(80M) 5.3G	Main	Bottom Surface**	0	58	5290	13.50	13.47	1.02	100.69%	0.225	0.230	-
WLAN 802.11ac(80M) 5.3G	Main	Bottom Surface***	0	58	5290	13.50	13.47	1.02	100.69%	0.248	0.254	103
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Main	Bottom Surface	0	114	5570	13.50	13.49	1.02	100.23%	0.299	0.304	080
WLAN 802.11ac(160M) 5.6G	Main	Bottom Surface**	0	114	5570	13.50	13.49	1.02	100.23%	0.290	0.295	-
WLAN 802.11ac(160M) 5.6G	Main	Bottom Surface***	0	114	5570	13.50	13.49	1.02	100.23%	0.298	0.303	104
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Main	Bottom Surface	0	155	5775	13.50	13.48	1.02	100.46%	0.297	0.303	081
WLAN 802.11ac(80M) 5.8G	Main	Bottom Surface**	0	155	5775	13.50	13.48	1.02	100.46%	0.192	0.196	-
WLAN 802.11ac(80M) 5.8G	Main	Bottom Surface***	0	155	5775	13.50	13.48	1.02	100.46%	0.321	0.328	105
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.9G	Main	Bottom Surface	0	163	5815	13.50	13.49	1.02	100.23%	0.273	0.278	082
WLAN 802.11ac(160M) 5.9G	Main	Bottom Surface**	0	163	5815	13.50	13.49	1.02	100.23%	0.200	0.203	-
WLAN 802.11ac(160M) 5.9G	Main	Bottom Surface***	0	163	5815	13.50	13.49	1.02	100.23%	0.345	0.351	106
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11b	Aux	Bottom Surface	0	1	2412	15.00	14.99	1.01	100.23%	0.012	0.012	083
WLAN 802.11b	Aux	Bottom Surface	0	6	2437	15.00	14.98	1.01	100.46%	0.007	0.007	-
WLAN 802.11b	Aux	Bottom Surface	0	11	2462	15.00	14.96	1.01	100.93%	0.010	0.010	-
WLAN 802.11b	Aux	Bottom Surface**	0	1	2412	15.00	14.99	1.01	100.23%	0.001	0.001	-
WLAN 802.11b	Aux	Bottom Surface***	0	1	2412	15.00	14.99	1.01	100.23%	0.005	0.005	107
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Aux	Bottom Surface	0	00	2402	10.50	8.89	1.30	144.88%	0.001	0.002	-
Bluetooth(GFSK)	Aux	Bottom Surface	0	39	2441	10.50	9.11	1.30	137.72%	0.001	0.002	-
Bluetooth(GFSK)	Aux	Bottom Surface	0	78	2480	10.50	9.27	1.30	132.74%	0.001	0.002	084
Bluetooth(GFSK)	Aux	Bottom Surface**	0	78	2480	10.50	9.27	1.30	132.74%	0.001	0.002	-
Bluetooth(GFSK)	Aux	Bottom Surface***	0	78	2480	10.50	9.27	1.30	132.74%	0.001	0.002	108
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Aux	Bottom Surface	0	50	5250	13.50	13.45	1.02	101.16%	0.001	0.001	085
WLAN 802.11ac(160M) 5.2G	Aux	Bottom Surface**	0	50	5250	13.50	13.45	1.02	101.16%	0.001	0.001	-
WLAN 802.11ac(160M) 5.2G	Aux	Bottom Surface***	0	50	5250	13.50	13.45	1.02	101.16%	0.001	0.001	109
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Aux	Bottom Surface	0	58	5290	13.50	13.46	1.02	100.93%	0.001	0.001	086
WLAN 802.11ac(80M) 5.3G	Aux	Bottom Surface**	0	58	5290	13.50	13.46	1.02	100.93%	0.001	0.001	-
WLAN 802.11ac(80M) 5.3G	Aux	Bottom Surface***	0	58	5290	13.50	13.46	1.02	100.93%	0.001	0.001	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)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Aux	Bottom Surface	0	114	5570	13.50	13.48	1.02	100.46%	0.001	0.001	087
WLAN 802.11ac(160M) 5.6G	Aux	Bottom Surface**	0	114	5570	13.50	13.48	1.02	100.46%	0.001	0.001	-
WLAN 802.11ac(160M) 5.6G	Aux	Bottom Surface***	0	114	5570	13.50	13.48	1.02	100.46%	0.001	0.001	111

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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) 5.8G	Aux	Bottom Surface	0	155	5775	13.50	13.43	1.02	101.62%	0.001	0.001	088
WLAN 802.11ac(80M) 5.8G	Aux	Bottom Surface**	0	155	5775	13.50	13.43	1.02	101.62%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Aux	Bottom Surface***	0	155	5775	13.50	13.43	1.02	101.62%	0.001	0.001	112
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.9G	Aux	Bottom Surface	0	163	5815	13.50	13.48	1.02	100.46%	0.040	0.041	089
WLAN 802.11ac(160M) 5.9G	Aux	Bottom Surface**	0	163	5815	13.50	13.48	1.02	100.46%	0.001	0.001	-
WLAN 802.11ac(160M) 5.9G	Aux	Bottom Surface***	0	163	5815	13.50	13.48	1.02	100.46%	0.001	0.001	113

Note: ** - Spot Check HighTek

Note: *** - Spot check series model PX112C-L

WLAN_6GHz

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11ax(160M)	Main	Bottom Surface	0	15	6025	13.50	13.49	1.01	100.23%	0.164	0.167	1.160	1.179	090
U-NII-5 6.2GHz 802.11ax(160M)	Main	Bottom Surface	0	47	6185	13.50	13.40	1.01	102.33%	0.153	0.159	1.090	1.131	-
U-NII-5 6.2GHz 802.11ax(160M)	Main	Bottom Surface	0	79	6345	13.50	13.49	1.01	100.23%	0.177	0.180	1.500	1.525	091
U-NII-5 6.2GHz 802.11ax(160M)	Main	Bottom Surface**	0	79	6345	13.50	13.49	1.01	100.23%	0.171	0.174	1.440	1.464	-
U-NII-5 6.2GHz 802.11ax(160M)	Main	Bottom Surface***	0	79	6345	13.50	13.49	1.01	100.23%	0.224	0.228	1.770	1.799	114

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11ax(160M)	Main	Bottom Surface	0	111	6505	13.50	13.43	1.01	101.62%	0.191	0.197	1.630	1.680	092
U-NII-6 6.5GHz 802.11ax(160M)	Main	Bottom Surface**	0	111	6505	13.50	13.43	1.01	101.62%	0.172	0.177	1.550	1.597	-
U-NII-6 6.5GHz 802.11ax(160M)	Main	Bottom Surface***	0	111	6505	13.50	13.43	1.01	101.62%	0.202	0.208	1.590	1.638	115

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-7 6.7GHz 802.11ax(160M)	Main	Bottom Surface	0	143	6665	13.50	13.49	1.01	100.23%	0.148	0.150	1.270	1.291	093
U-NII-7 6.7GHz 802.11ax(160M)	Main	Bottom Surface	0	175	6825	13.50	13.48	1.01	100.46%	0.132	0.134	1.210	1.233	-
U-NII-7 6.7GHz 802.11ax(160M)	Main	Bottom Surface**	0	143	6665	13.50	13.49	1.01	100.23%	0.122	0.124	1.160	1.179	-
U-NII-7 6.7GHz 802.11ax(160M)	Main	Bottom Surface***	0	143	6665	13.50	13.49	1.01	100.23%	0.226	0.230	1.750	1.779	116

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11ax(160M)	Main	Bottom Surface	0	207	6985	13.50	13.48	1.01	100.46%	0.190	0.194	1.470	1.497	094
U-NII-8 7.0GHz 802.11ax(160M)	Main	Bottom Surface**	0	207	6985	13.50	13.48	1.01	100.46%	0.157	0.160	1.320	1.345	-
U-NII-8 7.0GHz 802.11ax(160M)	Main	Bottom Surface***	0	207	6985	13.50	13.48	1.01	100.46%	0.228	0.232	1.630	1.660	117

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Bottom Surface	0	15	6025	13.50	13.48	1.01	100.46%	0.001	0.001	0.001	0.001	095
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Bottom Surface	0	47	6185	13.50	13.47	1.01	100.69%	0.001	0.001	0.001	0.001	096
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Bottom Surface	0	79	6345	13.50	13.46	1.01	100.93%	0.001	0.001	0.001	0.001	-
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Bottom Surface**	0	15	6025	13.50	13.48	1.01	100.46%	0.001	0.001	0.001	0.001	-
U-NII-5 6.2GHz 802.11ax(160M)	Aux	Bottom Surface***	0	15	6025	13.50	13.48	1.01	100.46%	0.001	0.001	0.001	0.001	118

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11ax(160M)	Aux	Bottom Surface	0	111	6505	13.50	13.42	1.01	101.86%	0.001	0.001	0.001	0.001	097
U-NII-6 6.5GHz 802.11ax(160M)	Aux	Bottom Surface**	0	111	6505	13.50	13.42	1.01	101.86%	0.001	0.001	0.001	0.001	-
U-NII-6 6.5GHz 802.11ax(160M)	Aux	Bottom Surface***	0	111	6505	13.50	13.42	1.01	101.86%	0.001	0.001	0.001	0.001	119

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)	Aux	Bottom Surface	0	143	6665	13.50	13.43	1.01	101.62%	0.001	0.001	0.001	0.001	-
U-NII-7 6.7GHz 802.11ax(160M)	Aux	Bottom Surface	0	175	6825	13.50	13.47	1.01	100.69%	0.001	0.001	0.001	0.001	098
U-NII-7 6.7GHz 802.11ax(160M)	Aux	Bottom Surface**	0	175	6825	13.50	13.47	1.01	100.69%	0.001	0.001	0.001	0.001	-
U-NII-7 6.7GHz 802.11ax(160M)	Aux	Bottom Surface***	0	175	6825	13.50	13.47	1.01	100.69%	0.001	0.001	0.001	0.001	120

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		Estimated APD W/m ² (4cm ²)		ID
										Measured	Reported	Measured	Reported	
U-NII-8 7.0GHz 802.11ax(160M)	Aux	Bottom Surface	0	207	6985	13.50	13.42	1.01	101.86%	0.001	0.001	0.001	0.001	099
U-NII-8 7.0GHz 802.11ax(160M)	Aux	Bottom Surface**	0	207	6985	13.50	13.42	1.01	101.86%	0.001	0.001	0.001	0.001	-
U-NII-8 7.0GHz 802.11ax(160M)	Aux	Bottom Surface***	0	207	6985	13.50	13.42	1.01	101.86%	0.001	0.001	0.001	0.001	121

Note: ** - Spot Check HighTek

Note: *** - Spot check series model PX112C-L

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Note:

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

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

8.3 Summary of PD Results

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Tune-up Scaling	Duty cycle scaling	Measurement uncertainty	PD result(4cm)				ID
											Measured Total psPD (W/m ²)	Reported Total psPD (W/m ²)	Measured Normal psPD (W/m ²)	Reported Normal psPD (W/m ²)	
WLAN 6E 802.11ax(160M) U-NII-6	Main	Bottom Surface	2	111	6505	13.50	13.43	101.62%	1.01	1.55	1.410	2.252	0.823	1.315	100
WLAN 6E 802.11ax(160M) U-NII-6	Main	Bottom Surface**	2	111	6505	13.50	13.43	101.62%	1.01	1.55	1.220	1.949	0.796	1.271	-
WLAN 6E 802.11ax(160M) U-NII-6	Main	Bottom Surface***	2	111	6505	13.50	13.43	101.62%	1.01	1.55	1.310	2.092	0.856	1.367	122

Note: ** - Spot Check HighTek**Note: ***** - Spot check series model PX112C-L**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 Main + BT Aux
WWAN+WLAN 2.4GHz Main + WLAN 2.4GHz Aux
WWAN+WLAN 5GHz Main + BT Aux
WWAN+WLAN 5GHz Main + WLAN 5GHz Aux
WWAN+WLAN 5GHz Main + WLAN 5GHz Aux + BT Aux
WWAN+WLAN 6GHz Main + BT Aux
WWAN+WLAN 6GHz Main + WLAN 6GHz Aux
WWAN+WLAN 6GHz Main + WLAN 6GHz Aux + BT Aux

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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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9.2 Estimated SAR calculation

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

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

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

9.3 SPLSR evaluation and analysis

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

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

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

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

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

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f (886-2) 2298-0488

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Simultaneous Transmission Combination

Full power

Exposure Position			FCC-Registered SAR									Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
			1	2	3	4	5	7	8	9	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			WWAN	2.4GHz WLAN Ant 1	2.4GHz WLAN Ant 2	5GHz WLAN Ant 1	5GHz WLAN Ant 2	Bluetooth Ant 2	6GHz WLAN Ant 1	6GHz WLAN Ant 2									
			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)									
LTE Band 2	Bottom Surface	19	0.464	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.622	0.633	0.466	0.783	0.784	0.659	0.659	0.660	0.660
LTE Band 4	Bottom Surface	19	0.412	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.579	0.581	0.414	0.731	0.732	0.607	0.607	0.608	0.608
LTE Band 5	Bottom Surface	19	0.452	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.619	0.621	0.454	0.771	0.772	0.647	0.647	0.648	0.648
LTE Band 7	Bottom Surface	19	0.772	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.939	0.941	0.774	1.091	1.092	0.967	0.967	0.968	0.968
LTE Band 12	Bottom Surface	19	0.908	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.466	0.477	0.319	0.627	0.628	0.503	0.503	0.504	0.504
LTE Band 13	Bottom Surface	19	0.428	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.586	0.597	0.430	0.747	0.748	0.623	0.623	0.624	0.624
LTE Band 14	Bottom Surface	19	0.425	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.583	0.594	0.427	0.744	0.745	0.620	0.620	0.621	0.621
LTE Band 17	Bottom Surface	19	0.284	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.442	0.453	0.286	0.603	0.604	0.479	0.479	0.480	0.480
LTE Band 25	Bottom Surface	19	0.477	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.609	0.646	0.479	0.796	0.797	0.672	0.672	0.673	0.673
LTE Band 26_FCC	Bottom Surface	19	0.599	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.517	0.528	0.363	0.679	0.679	0.554	0.554	0.555	0.555
LTE Band 30	Bottom Surface	19	0.275	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.433	0.444	0.277	0.594	0.595	0.470	0.470	0.471	0.471
LTE Band 66	Bottom Surface	19	0.417	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.575	0.586	0.419	0.736	0.737	0.612	0.612	0.613	0.613
LTE Band 71	Bottom Surface	19	0.329	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.487	0.498	0.331	0.648	0.649	0.524	0.524	0.525	0.525
LTE Band 38	Bottom Surface	19	0.353	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.511	0.522	0.355	0.672	0.673	0.548	0.548	0.549	0.549
LTE Band 41_PC3	Bottom Surface	19	0.669	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.827	0.839	0.671	1.098	1.099	0.864	0.864	0.865	0.865
LTE Band 42_Part1	Bottom Surface	19	0.207	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.365	0.376	0.209	0.526	0.527	0.402	0.402	0.403	0.403
LTE Band 48	Bottom Surface	19	0.908	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.466	0.477	0.319	0.627	0.628	0.503	0.503	0.504	0.504
NR n2	Bottom Surface	19	0.412	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.570	0.581	0.414	0.731	0.732	0.607	0.607	0.608	0.608
NR n5	Bottom Surface	19	0.383	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.541	0.552	0.385	0.702	0.703	0.578	0.578	0.579	0.579
NR n7	Bottom Surface	19	0.689	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.847	0.858	0.691	1.008	1.009	0.884	0.884	0.885	0.885
NR n12	Bottom Surface	19	0.247	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.405	0.416	0.249	0.566	0.567	0.442	0.442	0.443	0.443
NR n13	Bottom Surface	19	0.247	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.405	0.416	0.249	0.566	0.567	0.442	0.442	0.443	0.443
NR n14	Bottom Surface	19	0.247	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.405	0.416	0.249	0.566	0.567	0.442	0.442	0.443	0.443
NR n25	Bottom Surface	19	0.484	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.642	0.653	0.486	0.803	0.804	0.679	0.679	0.680	0.680
NR n26	Bottom Surface	19	0.484	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.642	0.653	0.486	0.803	0.804	0.679	0.679	0.680	0.680
NR n30	Bottom Surface	19	0.243	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.401	0.412	0.245	0.562	0.563	0.438	0.438	0.439	0.439
NR n66	Bottom Surface	19	0.438	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.596	0.607	0.440	0.757	0.758	0.633	0.633	0.634	0.634
NR n70	Bottom Surface	19	0.438	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.596	0.607	0.440	0.757	0.758	0.633	0.633	0.634	0.634
NR n71	Bottom Surface	19	0.285	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.469	0.481	0.294	0.611	0.612	0.487	0.487	0.488	0.488
NR n38	Bottom Surface	19	0.107	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.265	0.276	0.109	0.426	0.427	0.302	0.302	0.303	0.303
NR n41_PC3	Bottom Surface	19	0.097	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.255	0.266	0.099	0.416	0.417	0.292	0.292	0.293	0.293
NR n77_PC3_FCC	Bottom Surface	19	0.081	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.239	0.250	0.083	0.400	0.401	0.276	0.276	0.277	0.277
NR n77 & n78_PC3_FCC	Bottom Surface	19	0.135	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.293	0.304	0.137	0.454	0.455	0.330	0.330	0.331	0.331
NR n78_PC3_FCC	Bottom Surface	19	0.084	0.157	0.012	0.318	0.001	0.001	0.194	0.001	0.242	0.253	0.086	0.403	0.404	0.279	0.279	0.280	0.280

Reduced power

Exposure Position			FCC Reported SAR									Scenario 1		Scenario 2		Scenario 3		Scenario 4		Scenario 5		Scenario 6		Scenario 7		Scenario 8								
			1		2		3		4		5		7		8		9		1+2+7		1+2+3		1+3+7		1+4+5		1+4+5+7		1+7+8		1+8+9		1+7+8+9	
			WWAN		2.4GHz WLAN Main		2.4GHz WLAN Aux		5GHz WLAN Main		5GHz WLAN Aux		Bluetooth Aux		iGnH WLAN Main		iGnH WLAN Aux		Summed		Summed		Summed		Summed		Summed		Summed		Summed		Summed	
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 2	Bottom Surface	0	1.196	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.425	1.435	1.239	1.588	1.590	1.430	1.429	1.431																
LTE Band 4	Bottom Surface	0	1.125	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.354	1.364	1.168	1.517	1.519	1.359	1.358	1.360																
LTE Band 5	Bottom Surface	0	1.005	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.234	1.244	1.040	1.397	1.399	1.239	1.238	1.240																
LTE Band 7	Bottom Surface	0	1.149	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.378	1.388	1.192	1.541	1.543	1.383	1.382	1.384																
LTE Band 12	Bottom Surface	0	1.190	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.419	1.429	1.233	1.582	1.584	1.424	1.423	1.425																
LTE Band 13	Bottom Surface	0	0.958	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.187	1.197	1.001	1.350	1.352	1.192	1.191	1.193																
LTE Band 14	Bottom Surface	0	1.067	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.296	1.306	1.110	1.459	1.461	1.301	1.300	1.302																
LTE Band 17	Bottom Surface	0	0.980	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.209	1.219	1.023	1.372	1.374	1.214	1.213	1.215																
LTE Band 25	Bottom Surface	0	1.123	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.352	1.362	1.166	1.515	1.517	1.357	1.356	1.358																
LTE Band 26_FCC	Bottom Surface	0	1.038	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.267	1.277	1.081	1.430	1.432	1.272	1.271	1.273																
LTE Band 30	Bottom Surface	0	1.027	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.256	1.266	1.070	1.419	1.421	1.261	1.260	1.262																
LTE Band 66	Bottom Surface	0	0.791	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.020	1.030	0.834	1.183	1.185	1.025	1.024	1.026																
LTE Band 71	Bottom Surface	0	1.027	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.256	1.266	1.070	1.419	1.421	1.261	1.260	1.262																
LTE Band 38	Bottom Surface	0	0.982	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.211	1.221	1.025	1.374	1.376	1.216	1.215	1.217																
LTE Band 41_PC3	Bottom Surface	0	0.854	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.083	1.093	0.897	1.246	1.248	1.088	1.087	1.089																
LTE Band 70	Bottom Surface	0	0.919	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.148	1.158	0.962	1.311	1.313	1.153	1.152	1.154																
LTE Band 42_part1	Bottom Surface	0	0.875	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.104	1.114	0.918	1.267	1.269	1.109	1.108	1.110																
LTE Band 48	Bottom Surface	0	1.040	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.269	1.279	1.083	1.432	1.434	1.274	1.273	1.275																
NR n2	Bottom Surface	0	0.827	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.066	1.066	0.870	1.219	1.221	1.061	1.060	1.062																
NR n5	Bottom Surface	0	1.113	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.342	1.352	1.156	1.505	1.507	1.347	1.346	1.348																
NR n7	Bottom Surface	0	0.795	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.024	1.034	0.838	1.187	1.189	1.029	1.028	1.030																
NR n12	Bottom Surface	0	0.984	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.123	1.133	0.978	1.276	1.278	1.118	1.117	1.119																
NR n13	Bottom Surface	0	0.884	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.113	1.123	0.927	1.276	1.278	1.118	1.117	1.119																
NR n14	Bottom Surface	0	0.884	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.113	1.123	0.927	1.276	1.278	1.118	1.117	1.119																
NR n25	Bottom Surface	0	0.918	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.147	1.157	0.961	1.310	1.312	1.152	1.151	1.153																
NR n26	Bottom Surface	0	0.918	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.147	1.157	0.961	1.310	1.312	1.152	1.151	1.153																
NR n30	Bottom Surface	0	0.908	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.137	1.147	0.951	1.300	1.302	1.142	1.141	1.143																
NR n66	Bottom Surface	0	0.628	0.227	0.012	0.351	0.041	0.002	0.232	0.001	0.857	0.867	0.671	1.020	1.022	0.862	0.861	0.863																
NR n70	Bottom Surface	0	0.628	0.227	0.012	0.351	0.041	0.002	0.232	0.001	0.857	0.867	0.671	1.020	1.022	0.862	0.861	0.863																
NR n71	Bottom Surface	0	1.001	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.230	1.240	1.044	1.393	1.395	1.235	1.234	1.236																
NR n38	Bottom Surface	0	0.321	0.227	0.012	0.351	0.041	0.002	0.232	0.001	0.550	0.560	0.384	0.713	0.715	0.555	0.554	0.556																
NR n41_PC3	Bottom Surface	0	0.965	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.285	1.295	1.090	1.385	1.386	1.280	1.279	1.281																
NR n77_PC3_FCC	Bottom Surface	0	0.762	0.227	0.012	0.351	0.041	0.002	0.232	0.001	0.991	1.001	0.805	1.154	1.156	0.995	0.997																	
NR n77 & n78_PC3_FCC	Bottom Surface	0	1.162	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.391	1.401	1.205	1.554	1.556	1.396	1.395	1.397																
NR n78_PC3_FCC	Bottom Surface	0	1.187	0.227	0.012	0.351	0.041	0.002	0.232	0.001	1.416	1.426	1.230	1.579	1.581	1.421	1.420	1.422																

10 INSTRUMENTS LIST

Equipment List					
Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Data acquisition Electronics	DAE4	1719	Jan/20/2025	Jan/19/2026
SPEAG	Dosimetric E-Field Probe	EX3DV4	7823	Jul/29/2025	Jul/28/2025
SPEAG	E-field Probe for Near Field Application	EUmmWV4	9635	Apr/22/2025	Apr/21/2026
SPEAG	System Validation Dipole	D750V3	1015	Sep/26/2025	Sep/25/2026
SPEAG	System Validation Dipole	D835V2	4d063	Sep/09/2025	Sep/08/2026
SPEAG	System Validation Dipole	D1750V2	1008	Sep/28/2025	Sep/27/2026
SPEAG	System Validation Dipole	D1900V2	5d173	Apr/16/2025	Apr/15/2026
SPEAG	System Validation Dipole	D2300V2	1023	Sep/28/2025	Sep/27/2026
SPEAG	System Validation Dipole	D2450V2	727	Apr/15/2025	Apr/14/2026
SPEAG	System Validation Dipole	D2600V2	1005	Jan/14/2025	Jan/13/2026
SPEAG	System Validation Dipole	D3500V2	1009	Sep/26/2025	Sep/25/2026
SPEAG	System Validation Dipole	D3700V2	1057	Nov/21/2024	Nov/20/2025
SPEAG	System Validation Dipole	D3900V2	1032	Nov/22/2024	Nov/21/2025
SPEAG	System Validation Dipole	D5GHzV2	1349	Mar/19/2024	Mar/18/2027
SPEAG	System Validation Dipole	D6.5GHzV2	1006	Aug/12/2025	Aug/11/2025
SPEAG	System Validation Dipole	D7GHzV2	1007	Aug/12/2025	Aug/11/2026
SPEAG	5G Verification Source 10GHz	5G-Veri10	1070	Aug/19/2025	Aug/18/2026
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/17/2025	Feb/16/2026
Keysight	EXA Signal Analyzer	N9010B	MY63440390	Feb/13/2025	Feb/12/2026
R&S	MXG Analog Signal Generator	SMB100A03	182996	Apr/19/2025	Apr/18/2026
Agilent	Dual-directional coupler	772D	MY46151258	Nov/12/2024	May/11/2028
Agilent	Dual-directional coupler	778D	MYS2180302	Nov/06/2024	Nov/05/2025
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	101973	Feb/21/2025	Feb/20/2026
R&S	Power Meter	NRX	102191	Feb/21/2025	Feb/20/2026
R&S	Power Sensor	NRP18S	101974	Nov/11/2024	Nov/10/2025
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	Dec/26/2024	Dec/25/2025
TECPEL	Digital thermometer	DTM-303A	TP131515	May/18/2025	May/17/2026

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

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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.)	3.46%	N	1	1	0.64	0.43	2.21%	1.49%	M
Liquid Conductivity (mea.)	3.89%	N	1	1	0.6	0.49	2.33%	1.91%	M
Combined standard uncertainty		RSS					12.15%	11.95%	
Expant uncertainty (95% confidence interval), K=2							24.30%	23.91%	

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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 Distribution	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
<i>Isotropy, Axial</i>	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Mechanical restrictions									
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.)	2.63%	N	1	1	0.64	0.43	1.68%	1.13%	M
Liquid Conductivity (mea.)	4.19%	N	1	1	0.6	0.49	2.51%	2.05%	M
Combined standard uncertainty		RSS					11.81%	11.65%	
Expanded uncertainty (95% confidence interval), K=2							23.62%	23.29%	

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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.)BB	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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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

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

a	b	c	d		e	f=b * e / d	g
Source of Uncertainty	Uncertainty Value (+dB)	Probability Distribution	Div.	Div. Value	ci	Std. uncertainty (+dB)	(vi) Veff
Uncertainty terms dependent on the measurement system							
Probe calibration	0.49	N	1	1	1	0.49	∞
Probe correction	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Frequency response (BW $\leq$ 1GHz)	0.20	R	$\sqrt{3}$	1.732	1	0.12	∞
Sensor cross coupling	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Isotropy	0.50	R	$\sqrt{3}$	1.732	1	0.29	∞
Linearity	0.20	R	$\sqrt{3}$	1.732	1	0.12	∞
Probe scattering	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Probe positioning offset	0.30	R	$\sqrt{3}$	1.732	1	0.17	∞
Probe positioning repeatability	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Sensor mechanical offset	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Probe spatial resolution	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Field impedance dependance	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Amplitude and phase drift	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Amplitude and phase noise	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Measurement area truncation	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Data acquisition	0.03	N	1	1	1	0.03	∞
Sampling	0.00	R	$\sqrt{3}$	1	1	0.00	∞
Field reconstruction	2.00	R	$\sqrt{3}$	1.732	1	1.15	∞
Forward transformation	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Power density scaling	-	R	$\sqrt{3}$	1.732	1	-	∞
Spatial averaging	0.10	R	$\sqrt{3}$	1.732	1	0.06	∞
System detection limit	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors							
Probe coupling with DUT	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Modulation response	0.40	R	$\sqrt{3}$	1.732	1	0.23	∞
Integration time	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Response time	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Device holder influence	0.10	R	$\sqrt{3}$	1.732	1	0.06	∞
DUT alignment	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
RF ambient conditions	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Ambient reflections	0.04	R	$\sqrt{3}$	1.732	1	0.02	∞
Immunity / secondary reception	0.00	R	$\sqrt{3}$	1.732	1	0.00	∞
Drift of the DUT	-	R	$\sqrt{3}$	1.732	1	-	∞
Combined Std. uncertainty						1.33	
Expanded Std. uncertainty (95% confidence interval), K=2						2.67	

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12 SAR MEASUREMENT RESULTS

Date: 2025/10/24

ID: 001

Report No. :TESA2510000765ES

LTE Band 2 (20MHz)_Body_Bottom Surface_CH 19100_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 40.981$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1900 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.433 W/kg

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

Reference Value = 15.02 V/m; Power Drift = 0.10 dB

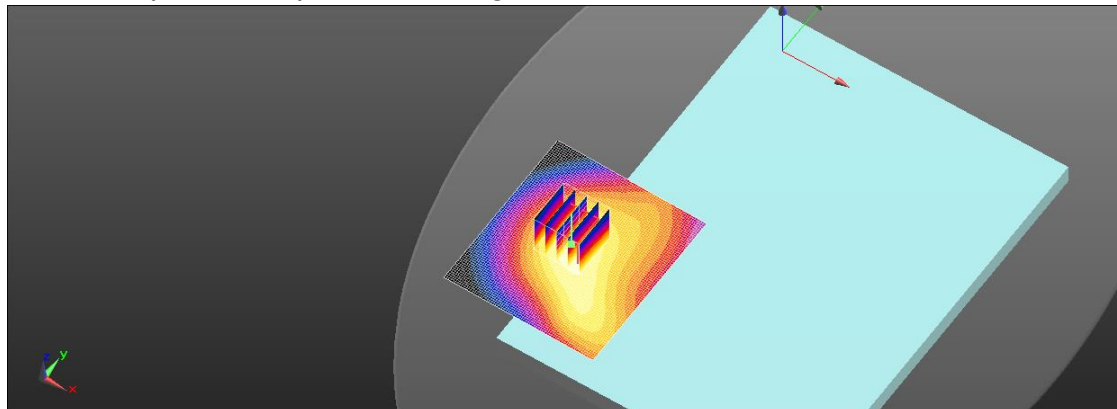
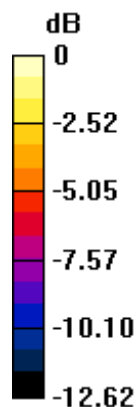
Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.215 W/kg

Smallest distance from peaks to all points 3 dB below = 23.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.9%

Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg = -3.52 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: 2025/10/24

ID: 002

Report No. :TESA2510000765ES

LTE Band 4 (20MHz)_Body_Bottom Surface_CH 20175_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 41.083$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.78, 7.74, 6.92) @ 1732.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.396 W/kg

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

Reference Value = 14.78 V/m; Power Drift = 0.06 dB

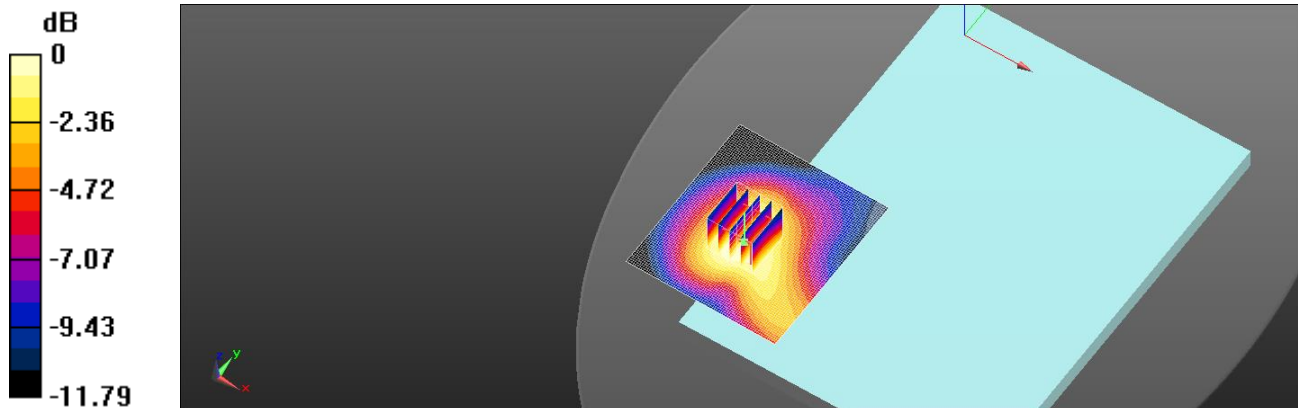
Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.207 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 = 71.9%

Maximum value of SAR (measured) = 0.389 W/kg



0 dB = 0.389 W/kg = -4.10 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/23

ID: 003

Report No. :TESA2510000765ES

LTE Band 5 (10MHz)_Body_Bottom Surface_CH 20600_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 42.512$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

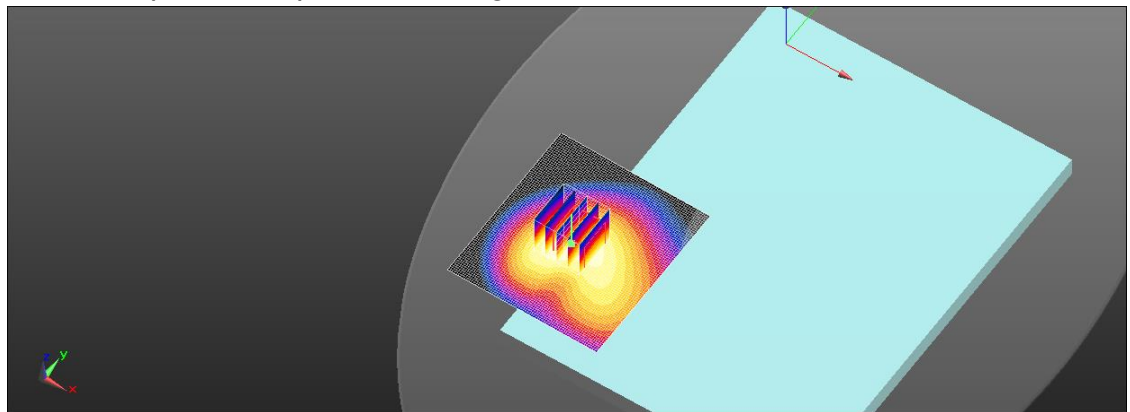
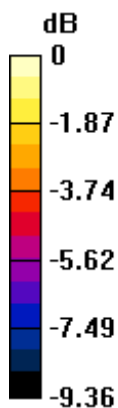
Ambient temperature: 22.1°C ; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 844 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$ Maximum value of SAR (interpolated) = 0.413 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 20.90 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 0.444 W/kg **SAR(1 g) = 0.329 W/kg ; SAR(10 g) = 0.236 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 = 73.7% Maximum value of SAR (measured) = 0.408 W/kg  $0 \text{ dB} = 0.408 \text{ W/kg} = -3.89 \text{ dBW/kg}$

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/27

ID: 004

Report No. :TESA2510000765ES

LTE Band 7 (20MHz)_Body_Bottom Surface_CH 20850_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.927$ S/m; $\epsilon_r = 40.105$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2510 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.788 W/kg

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

Reference Value = 18.23 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.321 W/kg

Smallest distance from peaks to all points 3 dB below = 14.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 0.787 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.23 V/m; Power Drift = 0.03 dB

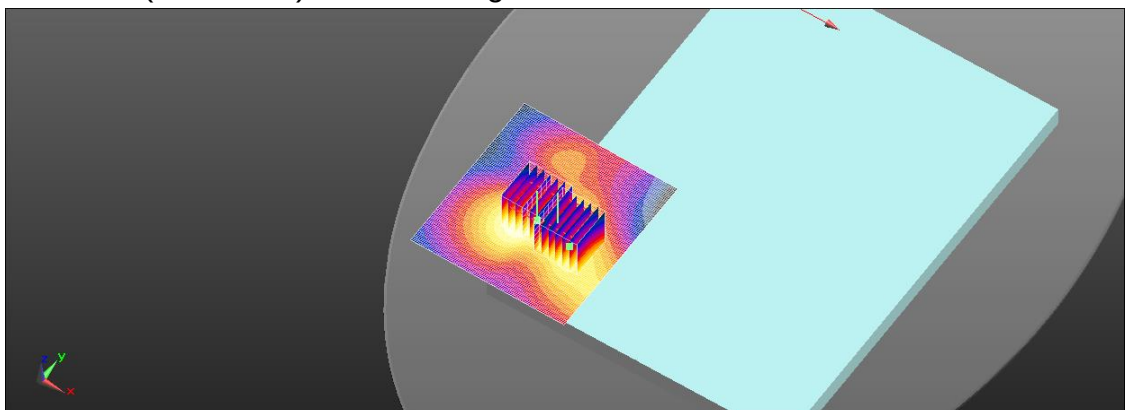
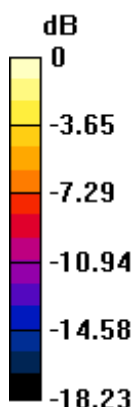
Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.246 W/kg

Smallest distance from peaks to all points 3 dB below = 18 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.696 W/kg = -1.57 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

www.sgs.com.tw

Member of SGS Group

Date: 2025/10/22

ID: 005

Report No. :TESA2510000765ES

LTE Band 12 (10MHz)_Body_Bottom Surface_CH 23060_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 704 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.163$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 704 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

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

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

Reference Value = 18.12 V/m; Power Drift = 0.01 dB

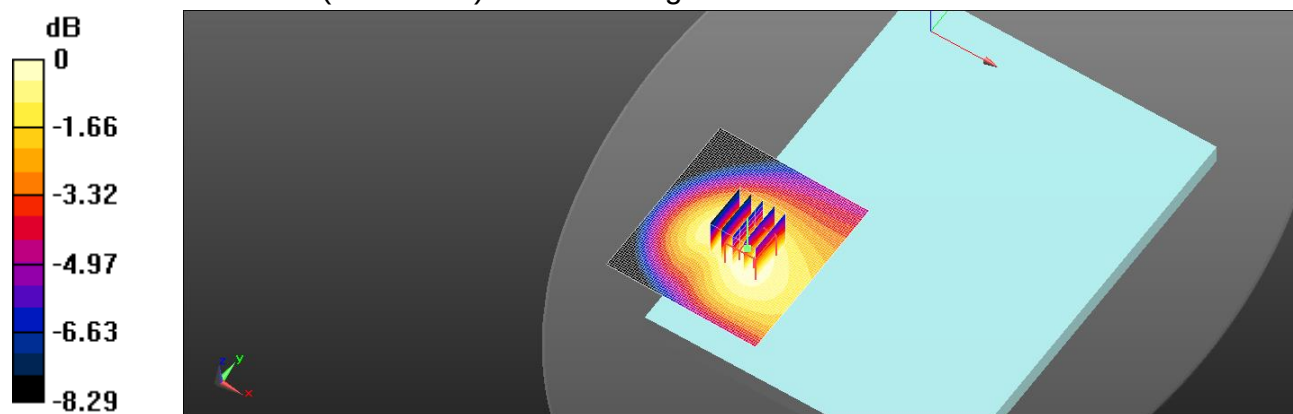
Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.177 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 = 77.7%

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



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

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/22

ID: 006

Report No. :TESA2510000765ES

LTE Band 13 (10MHz)_Body_Bottom Surface_CH 23230_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 42.761$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 782 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.404 W/kg

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

Reference Value = 20.50 V/m; Power Drift = -0.05 dB

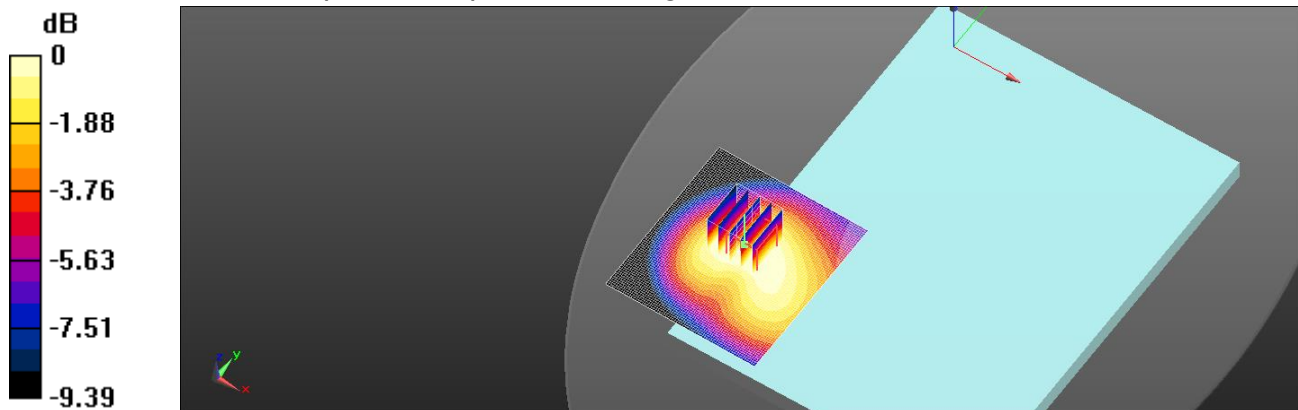
Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.227 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 = 73.7%

Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/22

ID: 007

Report No. :TESA2510000765ES

LTE Band 14 (10MHz)_Body_Bottom Surface_CH 23330_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.907 \text{ S/m}$; $\epsilon_r = 42.696$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 793 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.397 W/kg

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

Reference Value = 20.60 V/m; Power Drift = 0.02 dB

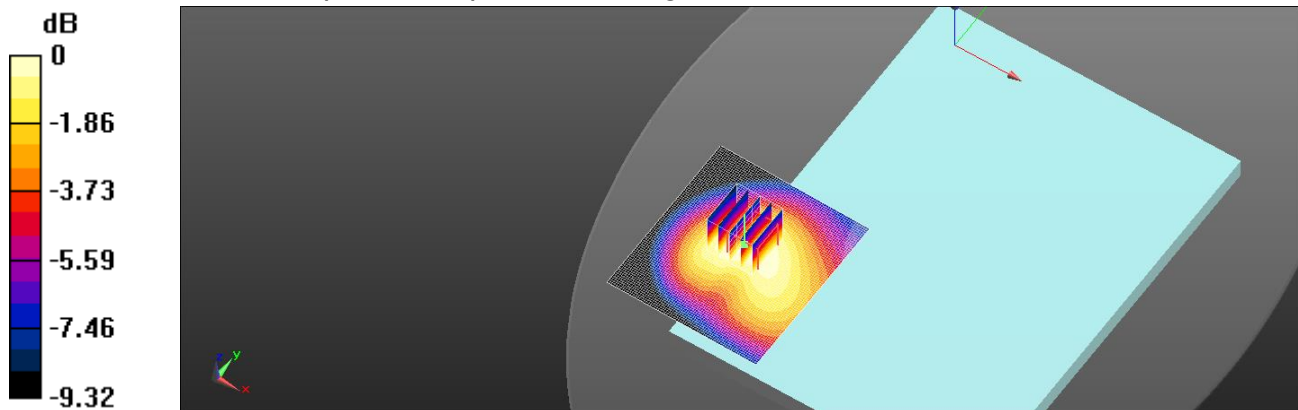
Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.231 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 = 73.9%

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/22

ID: 008

Report No. :TESA2510000765ES

LTE Band 17 (10MHz)_Body_Bottom Surface_CH 23790_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 43.127$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 710 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.257 W/kg

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

Reference Value = 17.38 V/m; Power Drift = -0.01 dB

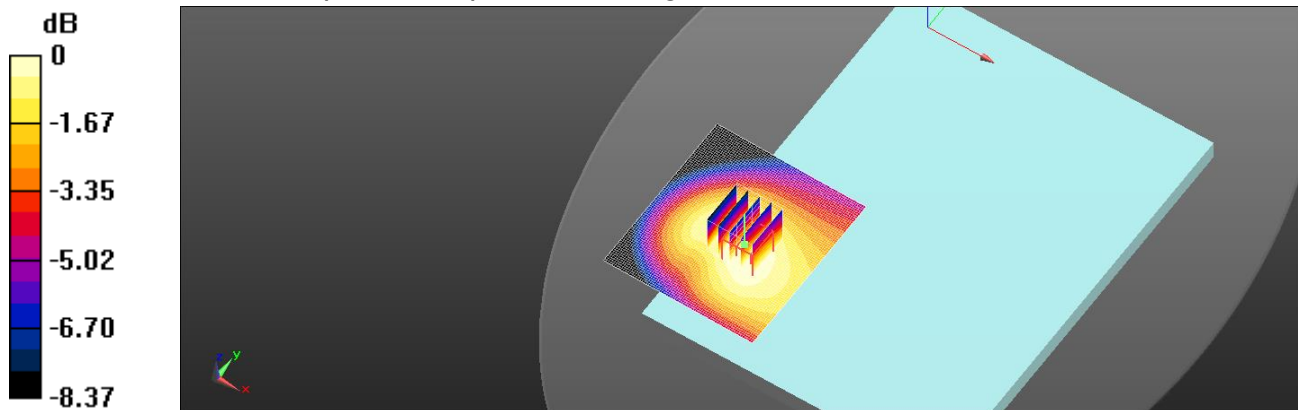
Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.162 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 = 76.8%

Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/24

ID: 009

Report No. :TESA2510000765ES

LTE Band 25 (20MHz)_Body_Bottom Surface_CH 26140_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 40.985$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1860 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.448 W/kg

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

Reference Value = 15.96 V/m; Power Drift = 0.01 dB

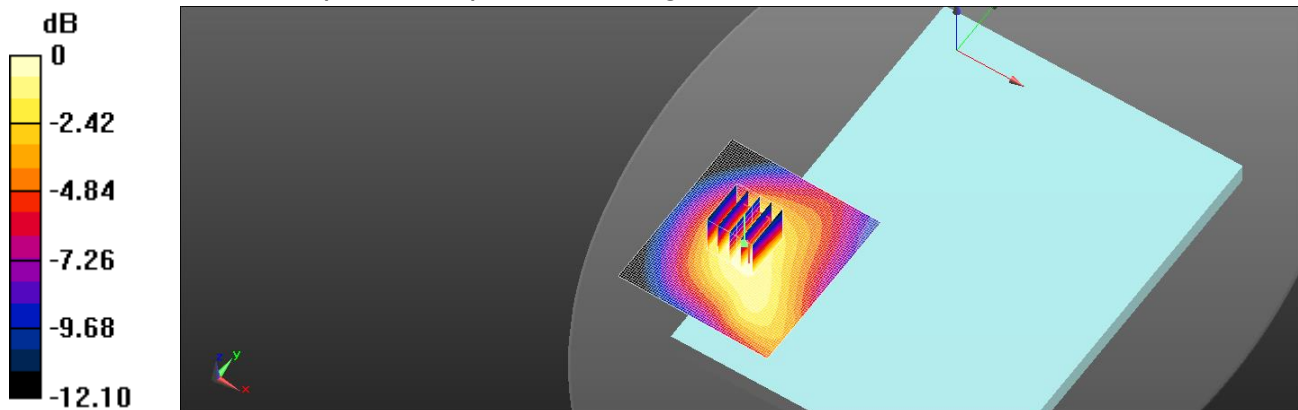
Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.225 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 = 67.7%

Maximum value of SAR (measured) = 0.451 W/kg



0 dB = 0.451 W/kg = -3.46 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/23

ID: 010

Report No. :TESA2510000765ES

LTE Band 26 (15MHz)_Body_Bottom Surface_CH 26965_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 841.5 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 42.514$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.9°C

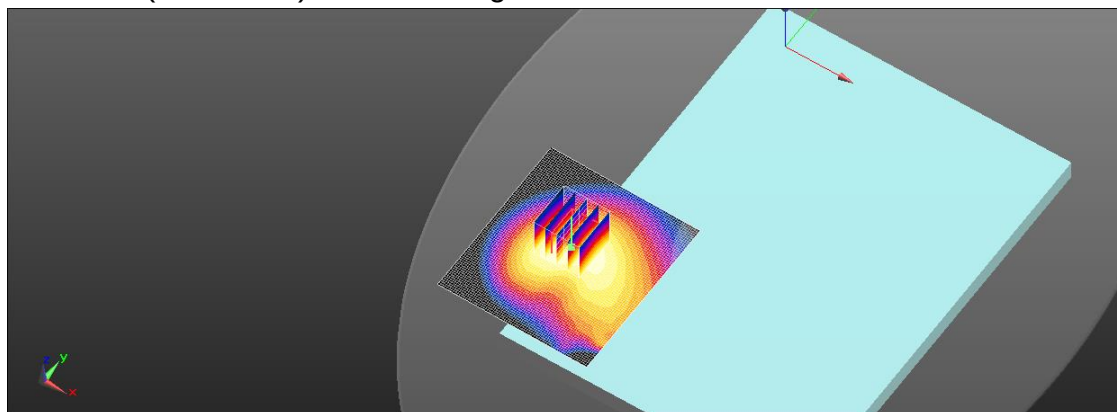
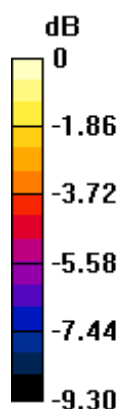
DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 841.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$ Maximum value of SAR (interpolated) = 0.352 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 18.62 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 0.374 W/kg **SAR(1 g) = 0.279 W/kg ; SAR(10 g) = 0.201 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 = 74%

Maximum value of SAR (measured) = 0.345 W/kg  $0 \text{ dB} = 0.345 \text{ W/kg} = -4.62 \text{ dBW/kg}$

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/25

ID: 011

Report No. :TESA2510000765ES

LTE Band 30 (10MHz)_Body_Bottom Surface_CH 27710_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.747$ S/m; $\epsilon_r = 40.431$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.2, 7.16, 6.4) @ 2310 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- 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) = 0.288 W/kg

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

Reference Value = 12.01 V/m; Power Drift = -0.01 dB

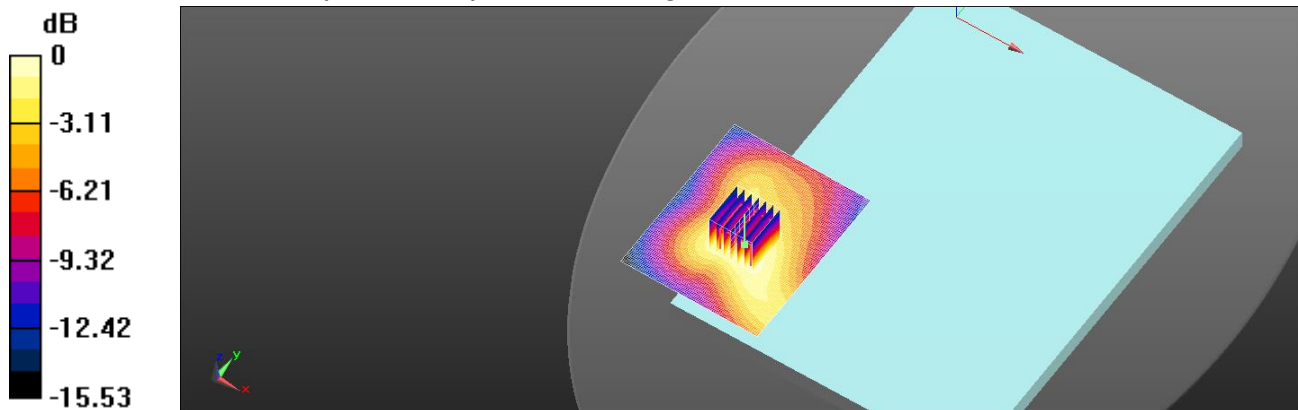
Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.127 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 = 62%

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



0 dB = 0.287 W/kg = -5.42 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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Member of SGS Group

Date: 2025/10/24

ID: 012

Report No. :TESA2510000765ES

LTE Band 66 (20MHz)_Body_Bottom Surface_CH 132072_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 41.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.78, 7.74, 6.92) @ 1720 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.398 W/kg

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

Reference Value = 15.82 V/m; Power Drift = -0.03 dB

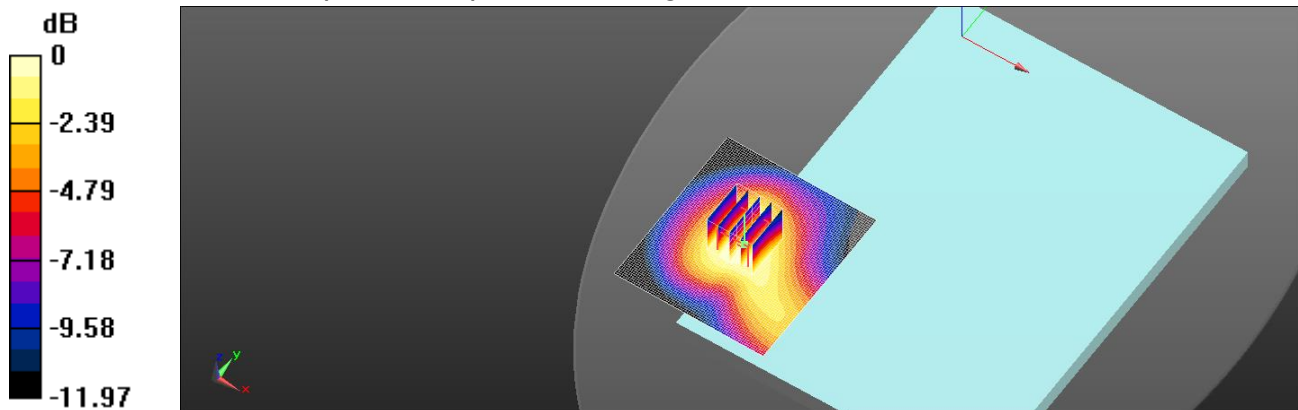
Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.211 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) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

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t (886-2) 2299-3279

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Date: 2025/10/22

ID: 013

Report No. :TESA2510000765ES

LTE Band 71 (20MHz)_Body_Bottom Surface_CH 133297_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 680.5 \text{ MHz}$; $\sigma = 0.862 \text{ S/m}$; $\epsilon_r = 43.322$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 680.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.295 W/kg

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

Reference Value = 18.25 V/m; Power Drift = -0.05 dB

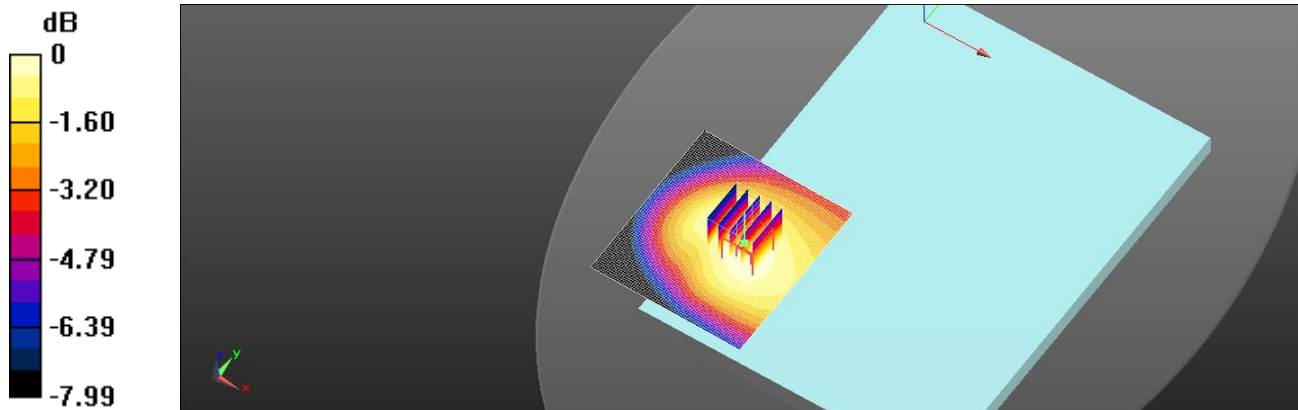
Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.196 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 = 78.8%

Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

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f (886-2) 2298-0488

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Date: 2025/10/27

ID: 014

Report No. :TESA2510000765ES

LTE Band 38 (20MHz)_Body_Bottom Surface_CH 38150_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 2610 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 2610$ MHz; $\sigma = 2.011$ S/m; $\epsilon_r = 39.973$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2610 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- 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) = 0.365 W/kg

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

Reference Value = 11.47 V/m; Power Drift = -0.01 dB

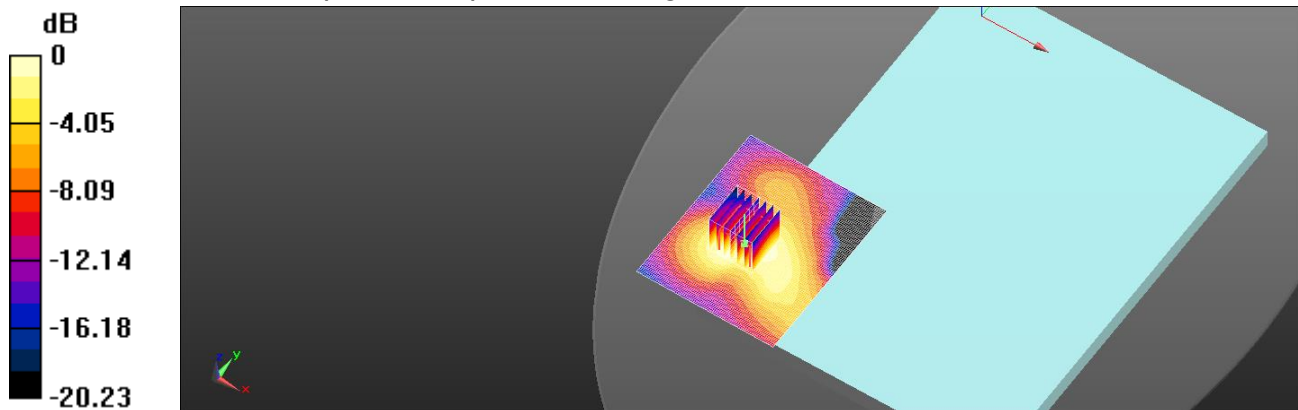
Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.141 W/kg

Smallest distance from peaks to all points 3 dB below = 13.9 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 0.359 W/kg



0 dB = 0.359 W/kg = -4.45 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/27

ID: 015

Report No. :TESA2510000765ES

LTE Band 41_PC3 (20MHz)_Body_Bottom Surface_CH 40185_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 2549.5 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2550$ MHz; $\sigma = 1.955$ S/m; $\epsilon_r = 40.06$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2549.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- 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) = 0.657 W/kg

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

Reference Value = 15.13 V/m; Power Drift = -0.15 dB

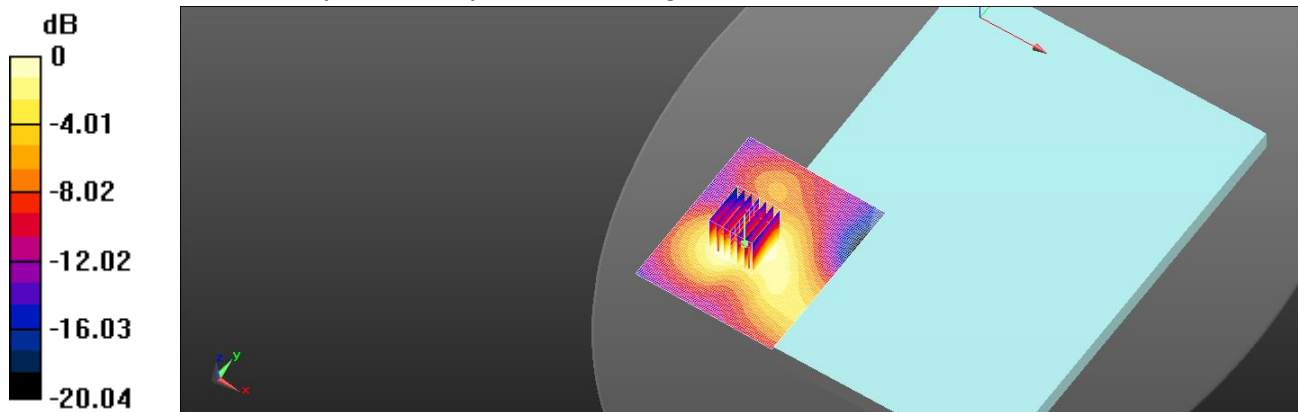
Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.258 W/kg

Smallest distance from peaks to all points 3 dB below = 14.1 mm

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

Maximum value of SAR (measured) = 0.642 W/kg



0 dB = 0.642 W/kg = -1.92 dBW/kg

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f (886-2) 2298-0488

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Date: 2025/10/28

ID: 016

Report No. :TESA2510000765ES

LTE Band 42_Part1 (20MHz)_Body_Bottom Surface_CH 42590_QPSK_1-0_19mm_Main

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

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.905$ S/m; $\epsilon_r = 38.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.47, 6.44, 5.76) @ 3500 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- 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) = 0.324 W/kg

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

Reference Value = 9.748 V/m; Power Drift = -0.13 dB

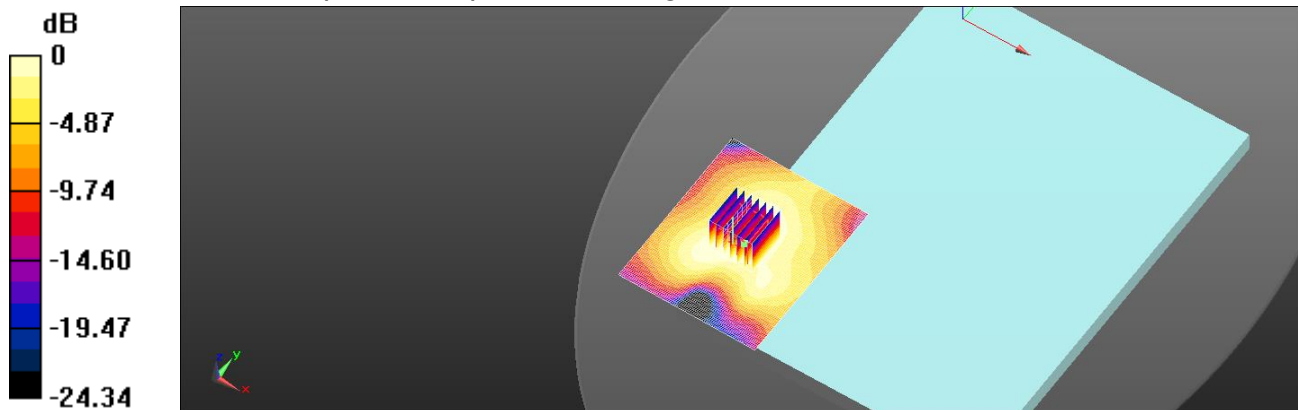
Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.104 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 = 56.3%

Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg

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f (886-2) 2298-0488

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Date: 2025/10/28

ID: 017

Report No. :TESA2510000765ES

LTE Band 42_Part2 (20MHz)_Body_Bottom Surface_CH 43340_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 3575 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 3575$ MHz; $\sigma = 3.04$ S/m; $\epsilon_r = 38.834$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.47, 6.44, 5.76) @ 3575 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- 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) = 0.261 W/kg

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

Reference Value = 9.041 V/m; Power Drift = -0.10 dB

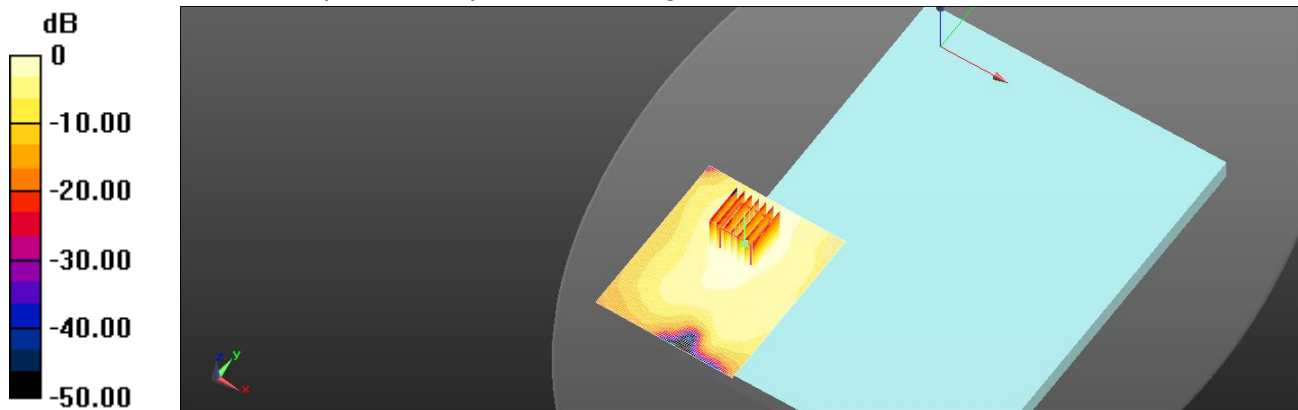
Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.083 W/kg

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

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

Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg = -5.75 dBW/kg

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f (886-2) 2298-0488

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Date: 2025/10/29

ID: 018

Report No. :TESA2510000765ES

LTE Band 43 (20MHz)_Body_Bottom Surface_CH 44215_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 3662.5 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 3662.5$ MHz; $\sigma = 3.139$ S/m; $\epsilon_r = 38.721$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3662.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- 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) = 0.351 W/kg

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

Reference Value = 8.790 V/m; Power Drift = -0.13 dB

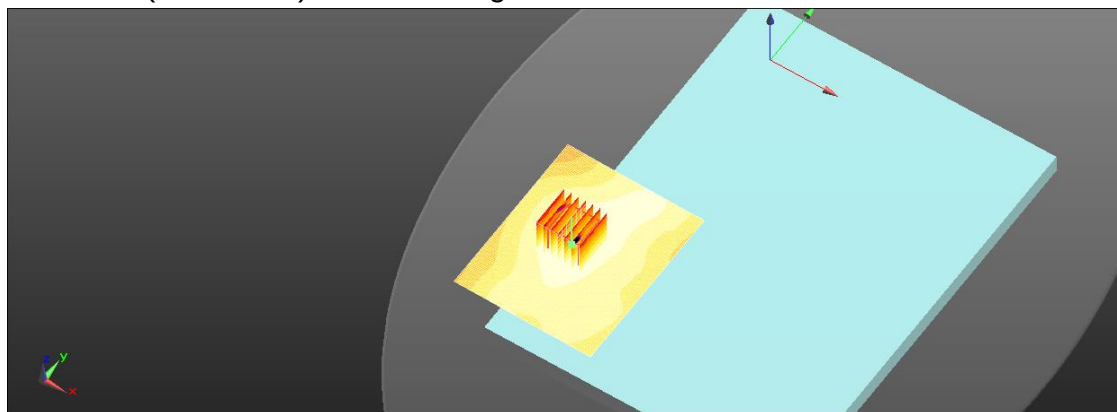
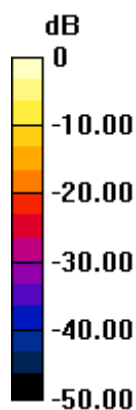
Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below = 20 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

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f (886-2) 2298-0488

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Date: 2025/10/29

ID: 019

Report No. :TESA2510000765ES

LTE Band 48 (20MHz)_Body_Bottom Surface_CH 55830_QPSK_1-0_19mm_Main

Communication System: LTE; Frequency: 3609 MHz;Duty Cycle: 1:1.58

Medium parameters used: $f = 3609$ MHz; $\sigma = 3.081$ S/m; $\epsilon_r = 38.785$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3609 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- 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) = 0.332 W/kg

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

Reference Value = 8.584 V/m; Power Drift = -0.15 dB

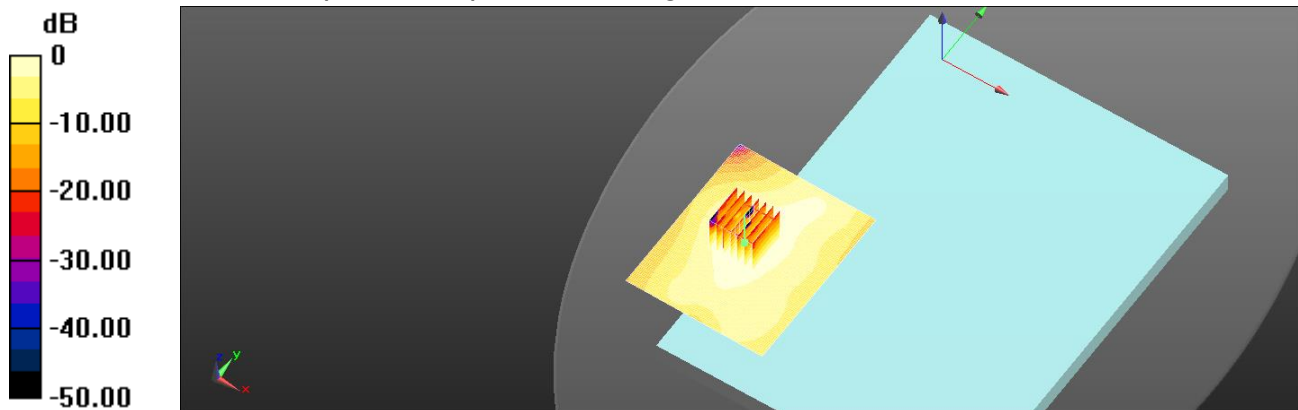
Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.100 W/kg

Smallest distance from peaks to all points 3 dB below = 17.5 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 0.332 W/kg



0 dB = 0.332 W/kg = -4.79 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/24

ID: 020

Report No. :TESA2510000765ES

LTE Band 70 (20MHz)_Body_Bottom Surface_CH 133047_QPSK_1-0_Main_19mm

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

Medium parameters used: $f = 1702.5$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 39.625$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.78, 7.74, 6.92) @ 1702.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.498 W/kg

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

Reference Value = 17.35 V/m; Power Drift = 0.04 dB

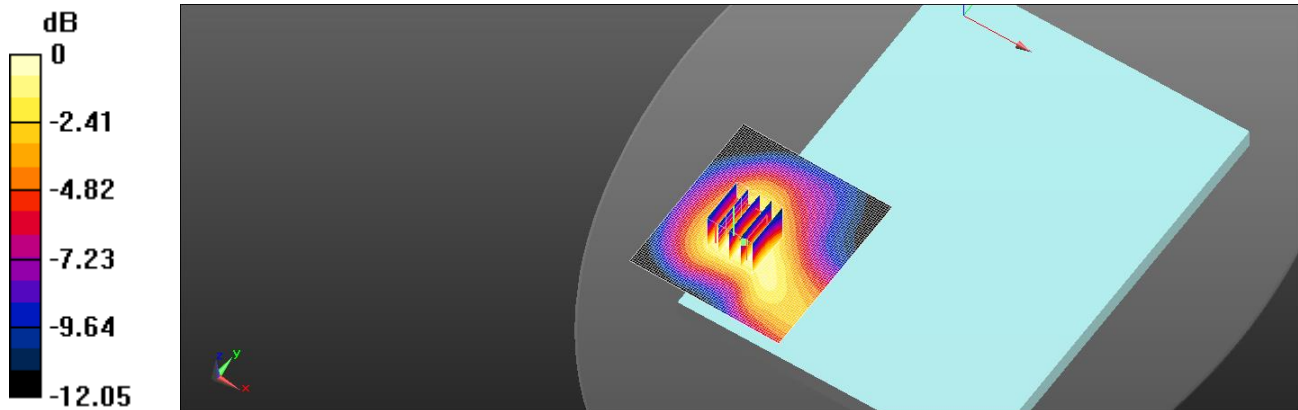
Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.267 W/kg

Smallest distance from peaks to all points 3 dB below = 26.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.4%

Maximum value of SAR (measured) = 0.503 W/kg



0 dB = 0.503 W/kg = -2.98 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/24

ID: 021

Report No. :TESA2510000765ES

NR n2 (20MHz)_Body_Bottom Surface_CH 372000_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 40.985$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1860 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.425 W/kg

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

Reference Value = 16.32 V/m; Power Drift = -0.12 dB

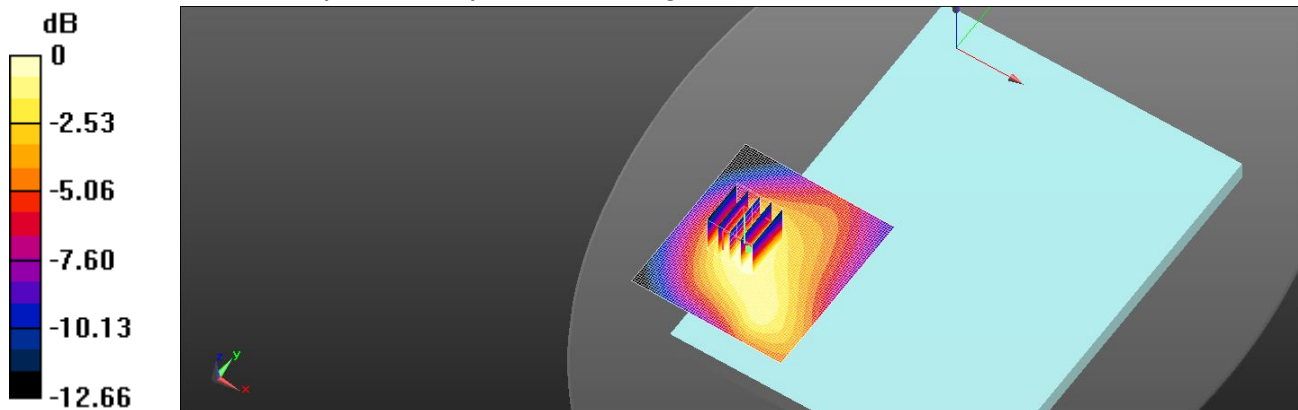
Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.219 W/kg

Smallest distance from peaks to all points 3 dB below = 20.9 mm

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

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



0 dB = 0.429 W/kg = -3.68 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: 2025/10/23

ID: 022

Report No. :TESA2510000765ES

NR n5 (20MHz)_Body_Bottom Surface_CH 167800_BPSK_1-1_19mm_Main

Communication System: 5G NR; Frequency: 839 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 839 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 42.52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.9°C

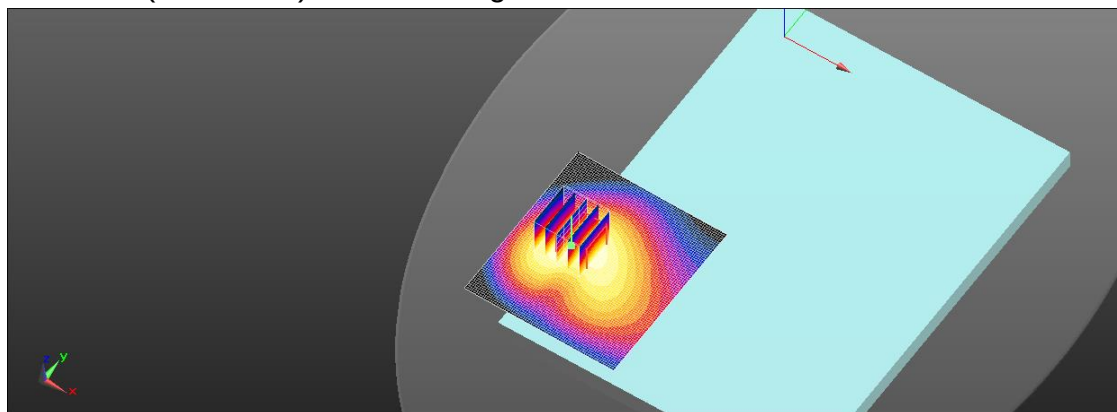
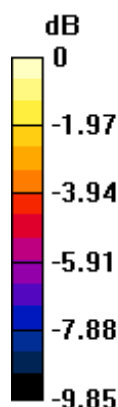
DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 839 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$ Maximum value of SAR (interpolated) = 0.409 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 21.80 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 0.452 W/kg **SAR(1 g) = 0.337 W/kg ; SAR(10 g) = 0.237 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 = 73.2%

Maximum value of SAR (measured) = 0.402 W/kg  $0 \text{ dB} = 0.402 \text{ W/kg} = -3.96 \text{ dBW/kg}$

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/27

ID: 023

Report No. :TESA2510000765ES

NR n7 (20MHz)_Body_Bottom Surface_CH 502000_BPSK_1-1_19mm_Main

Communication System: 5G NR; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.927$ S/m; $\epsilon_r = 40.105$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2510 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.824 W/kg

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

Reference Value = 19.08 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.311 W/kg

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

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

Maximum value of SAR (measured) = 0.804 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.08 V/m; Power Drift = 0.13 dB

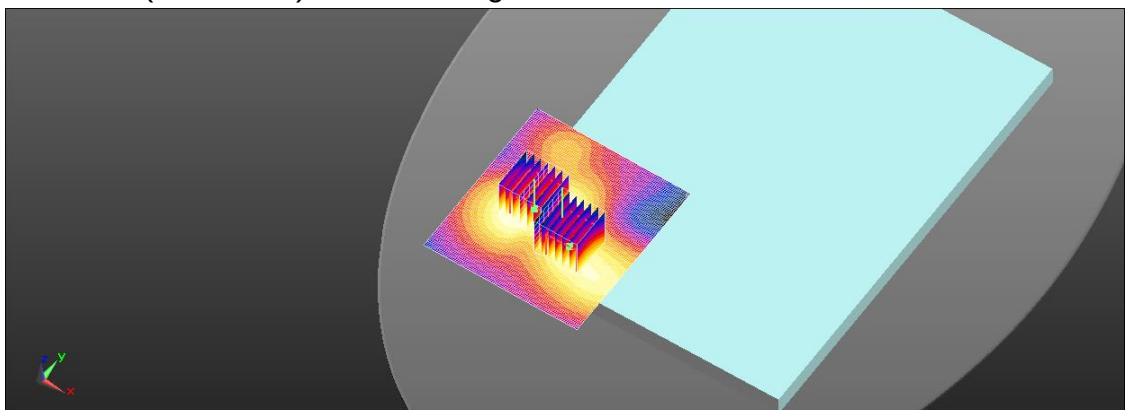
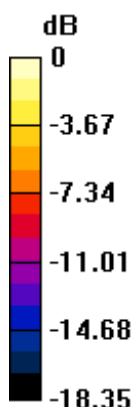
Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.221 W/kg

Smallest distance from peaks to all points 3 dB below = 19 mm

Ratio of SAR at M2 to SAR at M1 = 57.5%

Maximum value of SAR (measured) = 0.608 W/kg



0 dB = 0.608 W/kg = -2.16 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/22

ID: 024

Report No. :TESA2510000765ES

NR n12 (15MHz)_Body_Bottom Surface_CH 141300_BPSK_1-1 _19mm_Main

Communication System: 5G NR; Frequency: 706.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 706.5 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 43.147$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 706.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.259 W/kg

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

Reference Value = 17.22 V/m; Power Drift = 0.13 dB

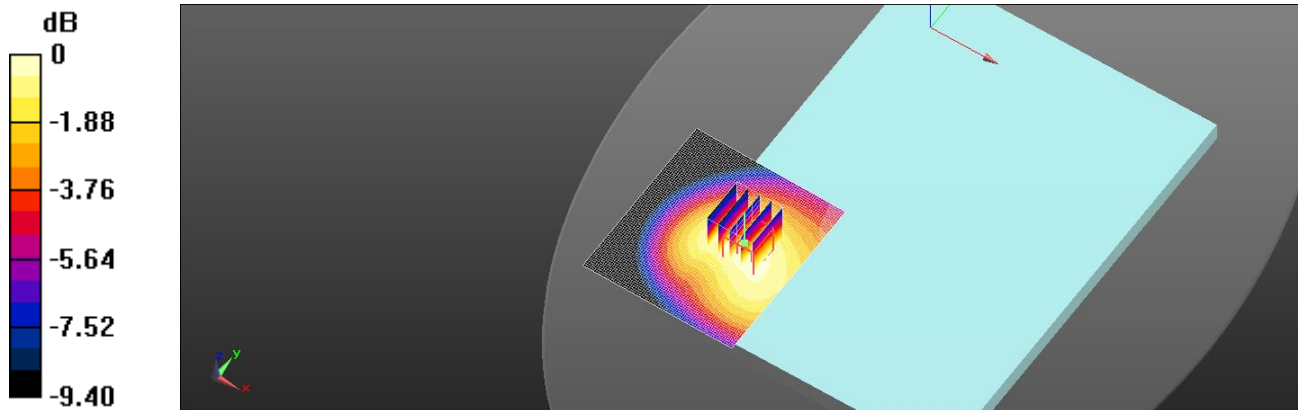
Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.157 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 = 73.4%

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 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: 2025/10/22

ID: 025

Report No. :TESA2510000765ES

NR n13 (10MHz)_Body_Bottom Surface_CH 156400_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 42.761$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 782 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.444 W/kg

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

Reference Value = 22.45 V/m; Power Drift = 0.07 dB

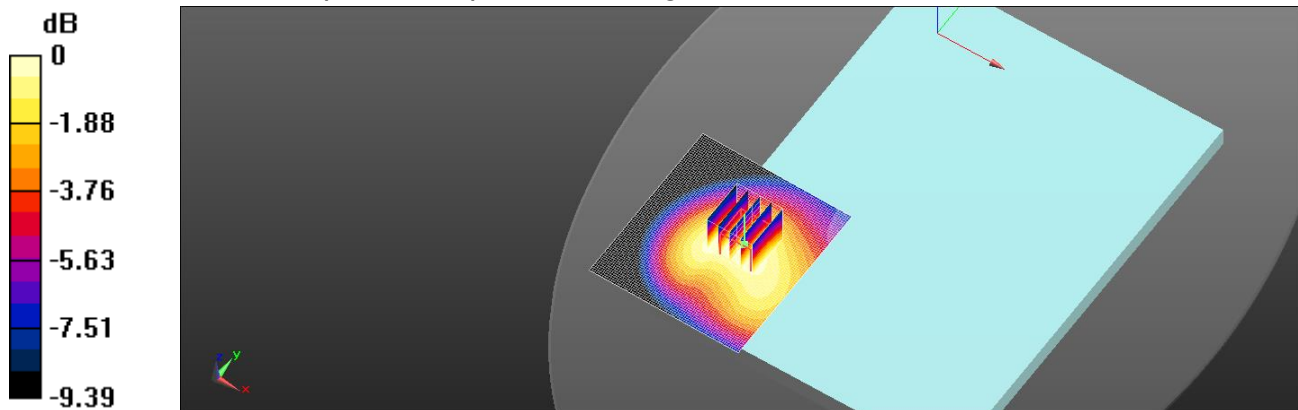
Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.260 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 = 73.1%

Maximum value of SAR (measured) = 0.450 W/kg



0 dB = 0.450 W/kg = -3.47 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/22

ID: 026

Report No. :TESA2510000765ES

NR n14 (10MHz)_Body_Bottom Surface_CH 158600_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.907 \text{ S/m}$; $\epsilon_r = 42.696$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 793 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.431 W/kg

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

Reference Value = 23.71 V/m; Power Drift = -0.09 dB

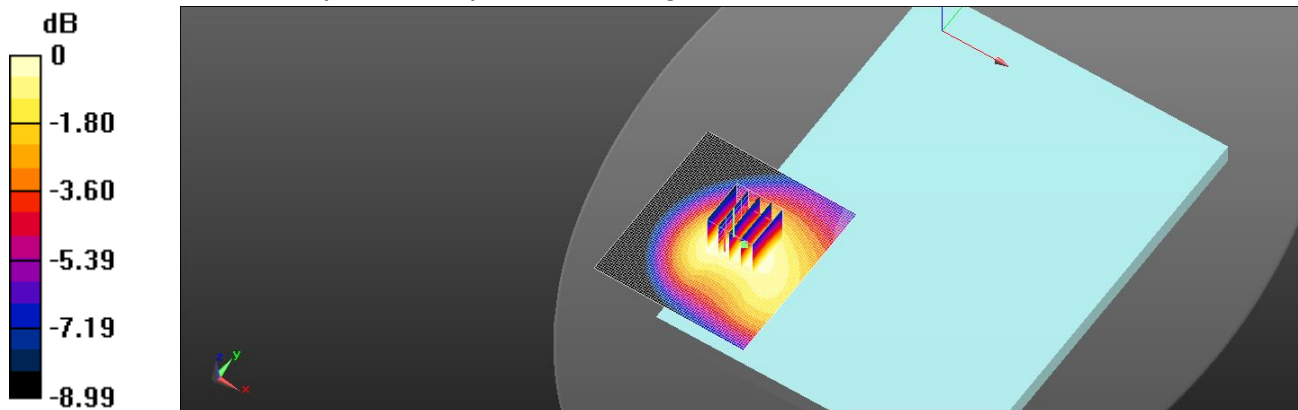
Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.253 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 = 73.7%

Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.426 W/kg = -3.71 dBW/kg

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f (886-2) 2298-0488

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Date: 2025/10/24

ID: 027

Report No. :TESA2510000765ES

NR n25 (20MHz)_Body_Bottom Surface_CH 372000_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 40.985$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1860 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.535 W/kg

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

Reference Value = 18.45 V/m; Power Drift = 0.03 dB

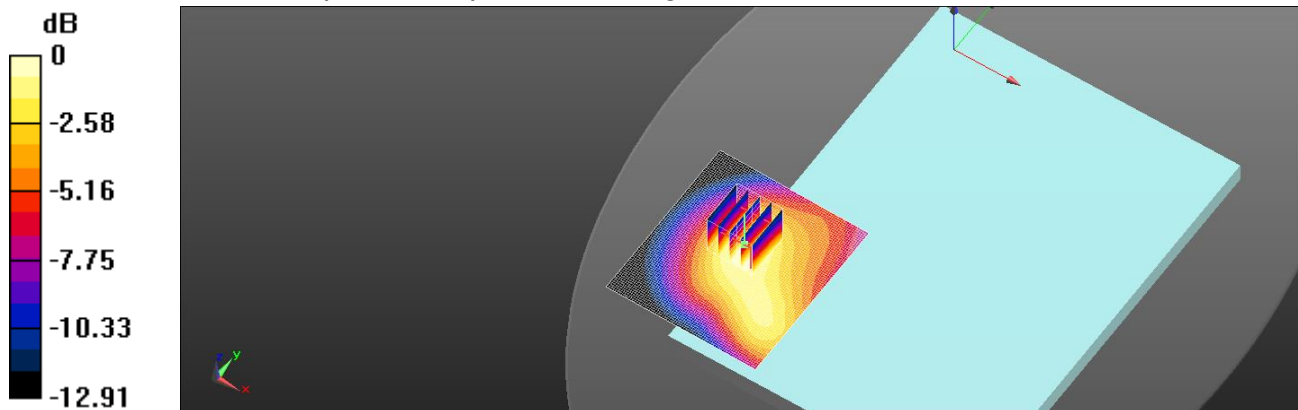
Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.256 W/kg

Smallest distance from peaks to all points 3 dB below = 20 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg

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t (886-2) 2299-3279

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Date: 2025/10/23

ID: 028

Report No. :TESA2510000765ES

NR n26 (20MHz)_Body_Bottom Surface_CH 164800_BPSK_1-1_19mm_Main

Communication System: 5G NR; Frequency: 824 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 42.575$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 824 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.444 W/kg

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

Reference Value = 24.20 V/m; Power Drift = -0.19 dB

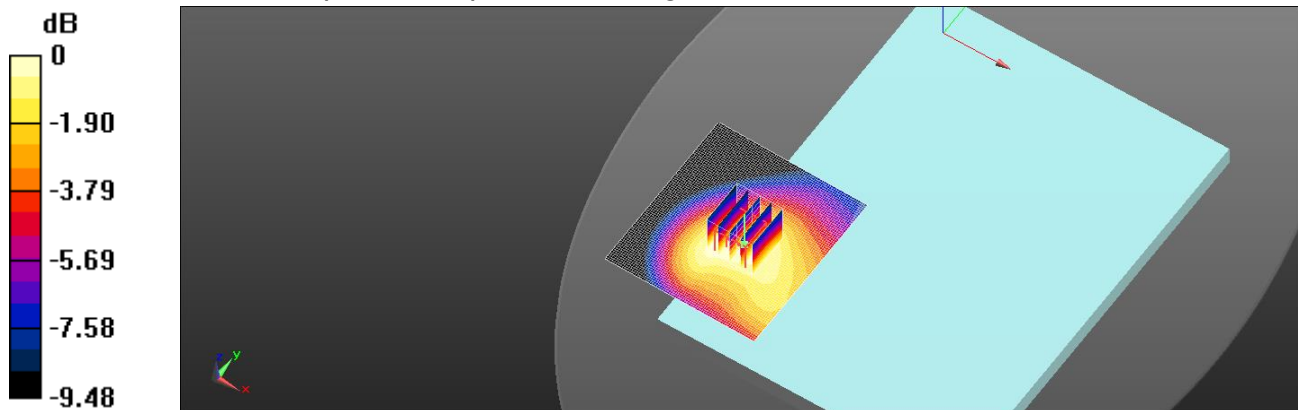
Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.247 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 = 71.4%

Maximum value of SAR (measured) = 0.440 W/kg



0 dB = 0.440 W/kg = -3.57 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/25

ID: 029

Report No. :TESA2510000765ES

NR n30 (10MHz)_Body_Bottom Surface_CH 462000_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.747$ S/m; $\epsilon_r = 40.431$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.2, 7.16, 6.4) @ 2310 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- 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) = 0.244 W/kg

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

Reference Value = 12.06 V/m; Power Drift = 0.10 dB

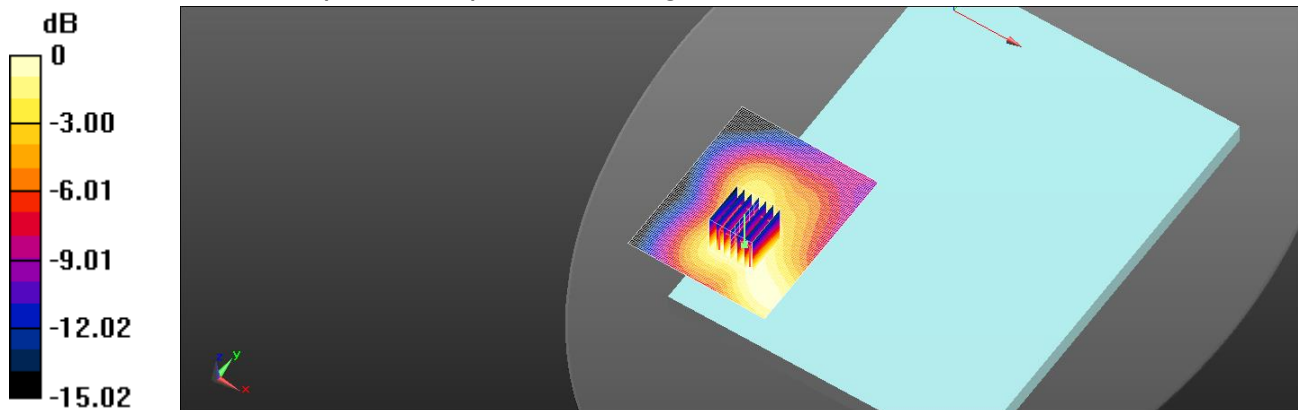
Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.108 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 = 61.7%

Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/24

ID: 030

Report No. :TESA2510000765ES

NR n66 (20MHz)_Body_Bottom Surface_CH 344000_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 41.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.78, 7.74, 6.92) @ 1720 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.435 W/kg

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

Reference Value = 16.69 V/m; Power Drift = -0.09 dB

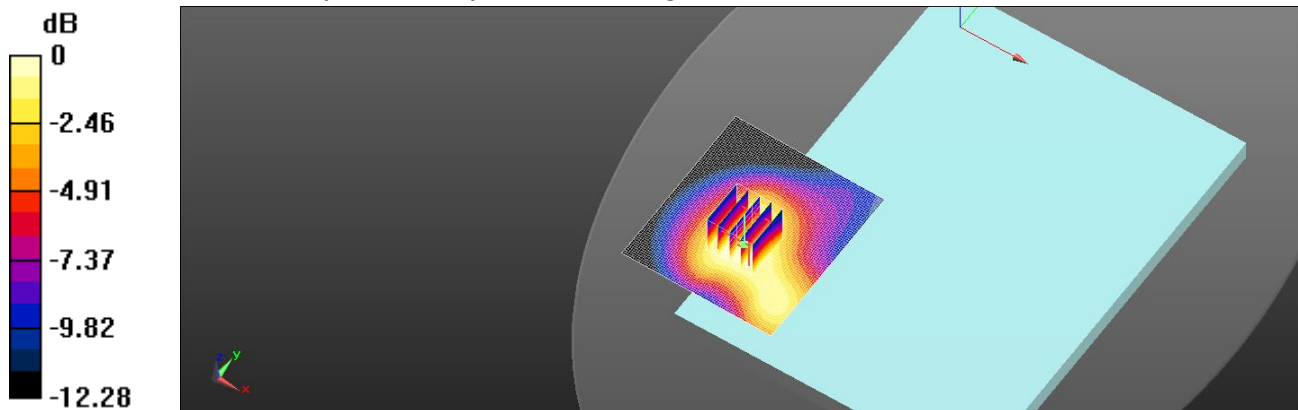
Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.228 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) = 0.435 W/kg



0 dB = 0.435 W/kg = -3.62 dBW/kg

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t (886-2) 2299-3279

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Date: 2025/10/24

ID: 031

Report No. :TESA2510000765ES

NR n70 (15MHz)_Body_Bottom Surface_CH 340500_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 1702.5$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 41.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.78, 7.74, 6.92) @ 1702.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.457 W/kg

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

Reference Value = 17.38 V/m; Power Drift = 0.04 dB

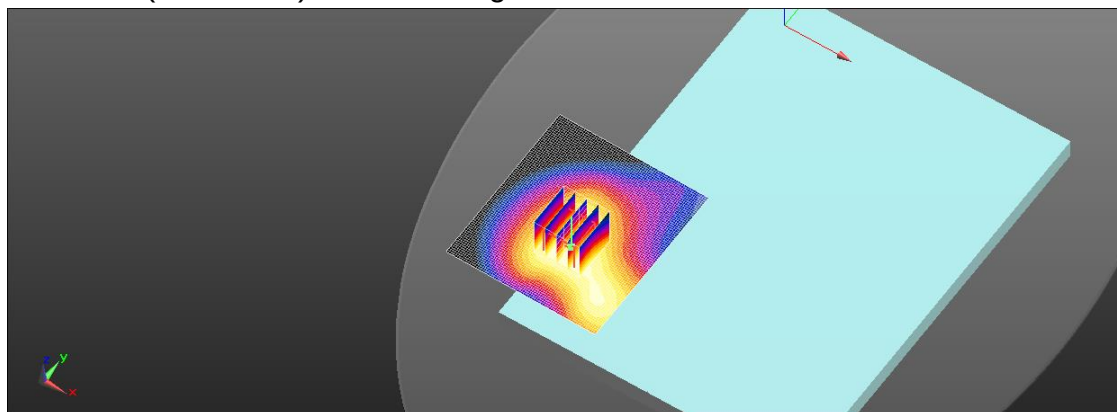
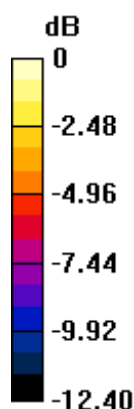
Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.239 W/kg

Smallest distance from peaks to all points 3 dB below = 24.9 mm

Ratio of SAR at M2 to SAR at M1 = 70.6%

Maximum value of SAR (measured) = 0.457 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/22

ID: 032

Report No. :TESA2510000765ES

NR n71 (20MHz)_Body_Bottom Surface_CH 136100_BPSK_1-1 _19mm_Main

Communication System: 5G NR; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.322$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 680.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

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

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

Reference Value = 18.62 V/m; Power Drift = 0.05 dB

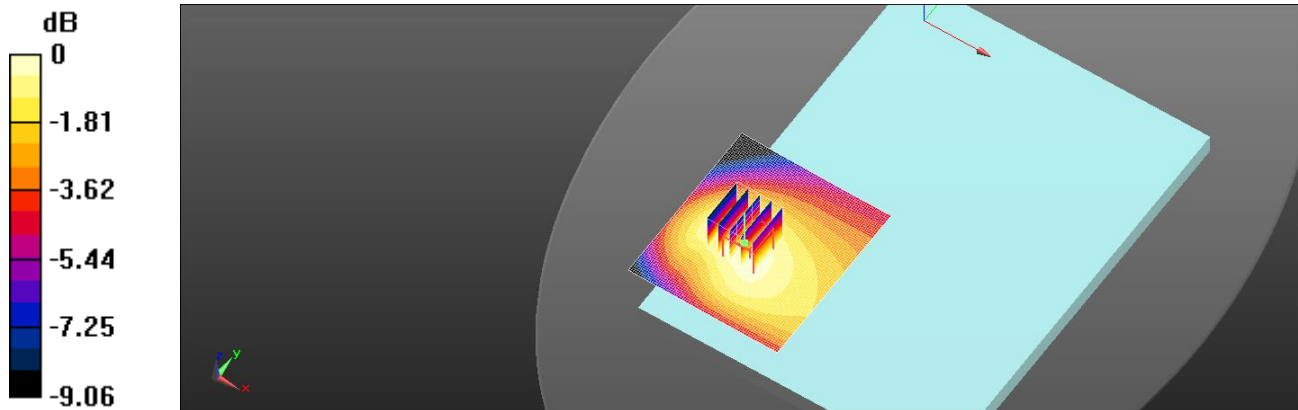
Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.195 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 = 73.9%

Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

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f (886-2) 2298-0488

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Date: 2025/10/27

ID: 033

Report No. :TESA2510000765ES

NR n38 (20MHz)_Body_Bottom Surface_CH 516000_BPSK_1-1_19mm_Main

Communication System: 5G NR; Frequency: 2580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2580 \text{ MHz}$; $\sigma = 1.982 \text{ S/m}$; $\epsilon_r = 40.021$ $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2580 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

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

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

Reference Value = 7.701 V/m; Power Drift = 0.14 dB

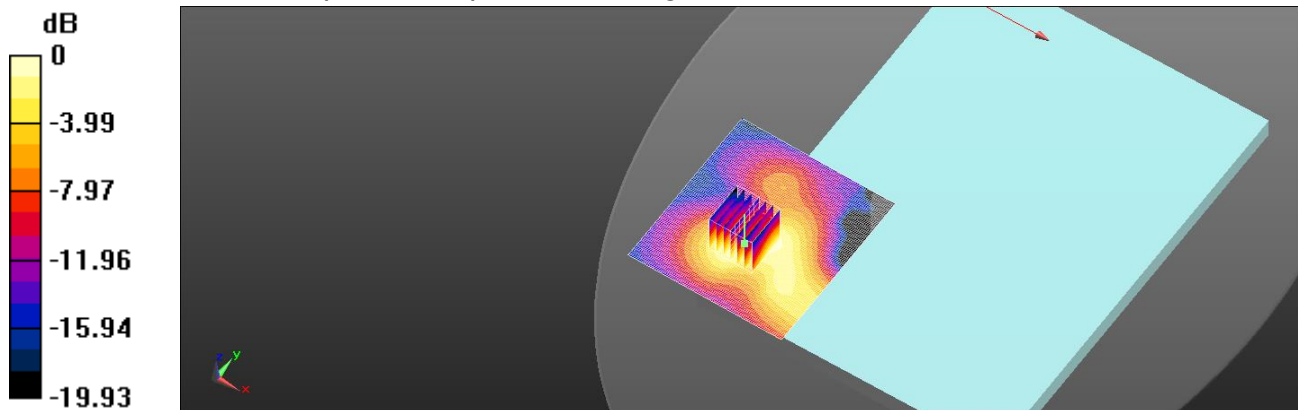
Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.050 W/kg

Smallest distance from peaks to all points 3 dB below = 13.4 mm

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

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: 2025/10/27

ID: 034

Report No. :TESA2510000765ES

NR n41_PC3 (20MHz)_Body_Bottom Surface_CH 518598_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 2592.99$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 40.01$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2592.99 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

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

Reference Value = 7.463 V/m; Power Drift = -0.03 dB

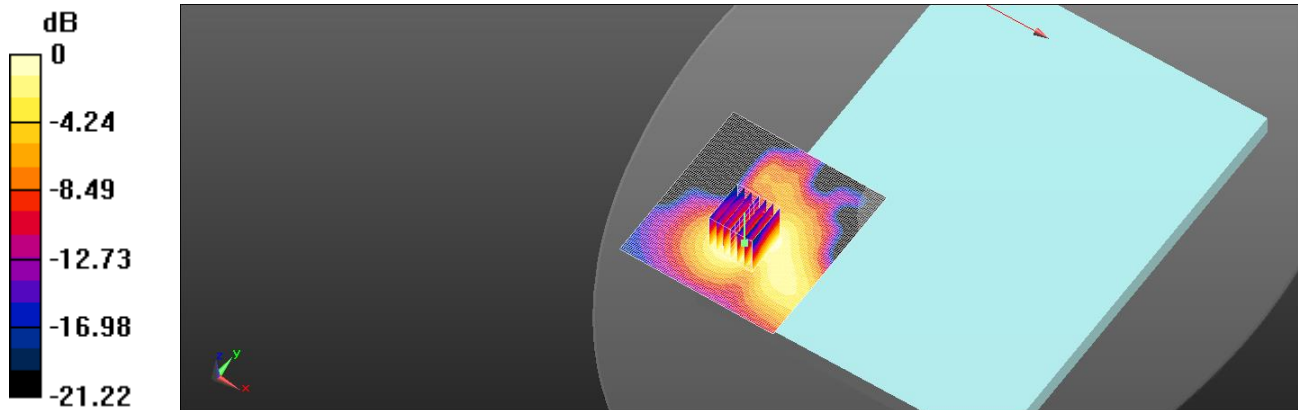
Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.045 W/kg

Smallest distance from peaks to all points 3 dB below = 13.5 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

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Date: 2025/10/29

ID: 035

Report No. :TESA2510000765ES

NR n48 (20MHz)_Body_Bottom Surface_CH 646000_BPSK_1-1_19mm_Main

Communication System: 5G NR; Frequency: 3690 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3690$ MHz; $\sigma = 3.167$ S/m; $\epsilon_r = 38.694$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3690 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0856 W/kg

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

Reference Value = 5.125 V/m; Power Drift = 0.06 dB

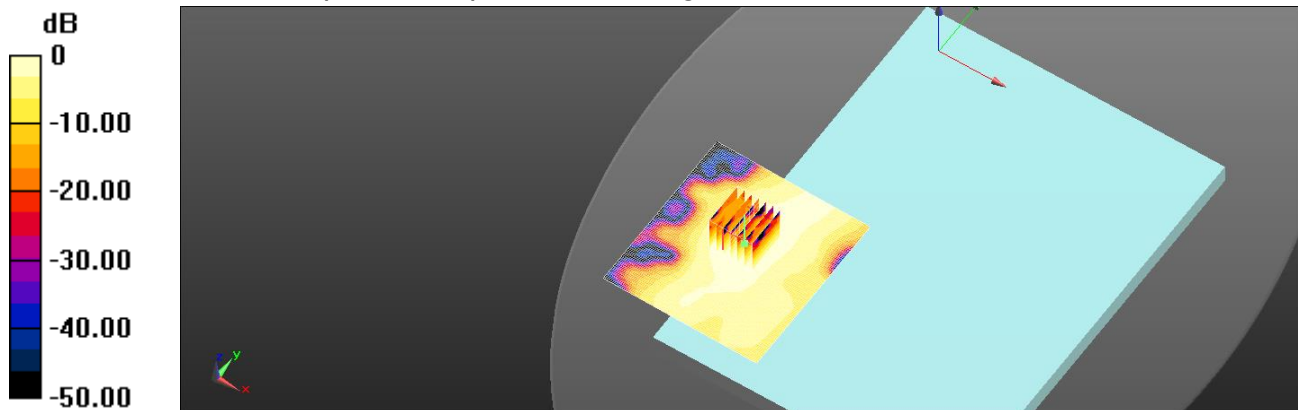
Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.024 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) = 0.0842 W/kg



0 dB = 0.0842 W/kg = -10.75 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/29

ID: 036

Report No. :TESA2510000765ES

NR n77_PC3_FCC (20MHz)_Body_Bottom Surface_CH 650000_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.228$ S/m; $\epsilon_r = 38.62$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3750 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.116 W/kg

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

Reference Value = 6.111 V/m; Power Drift = 0.06 dB

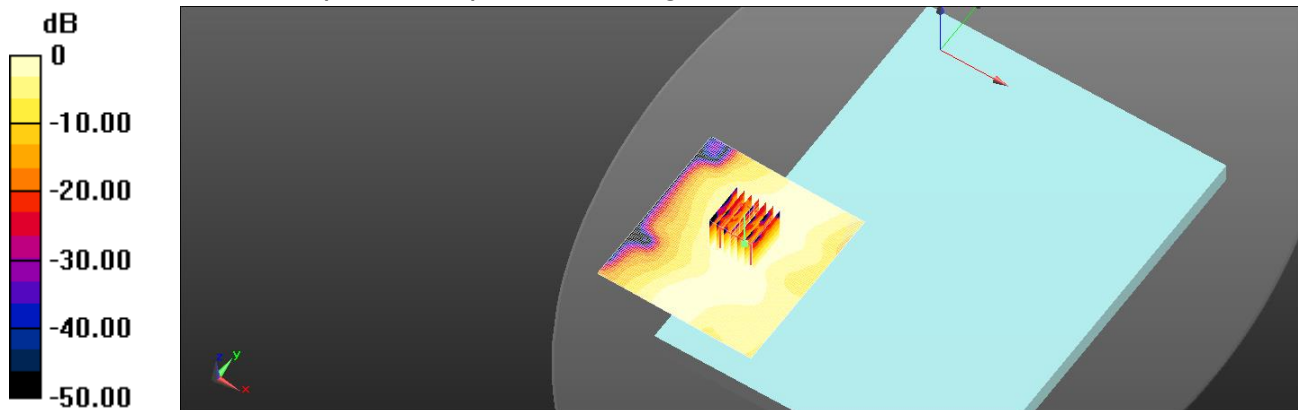
Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.033 W/kg

Smallest distance from peaks to all points 3 dB below = 17.5 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

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



0 dB = 0.114 W/kg = -9.43 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: 2025/10/28

ID: 037

Report No. :TESA2510000765ES

NR n77&78_PC3_FCC (20MHz)_Body_Bottom Surface_CH 633333_BPSK_1-1_19mm_Main

Communication System: 5G NR; Frequency: 3499.99 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.966$ S/m; $\epsilon_r = 38.922$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.47, 6.44, 5.76) @ 3499.99 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.178 W/kg

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

Reference Value = 7.125 V/m; Power Drift = 0.03 dB

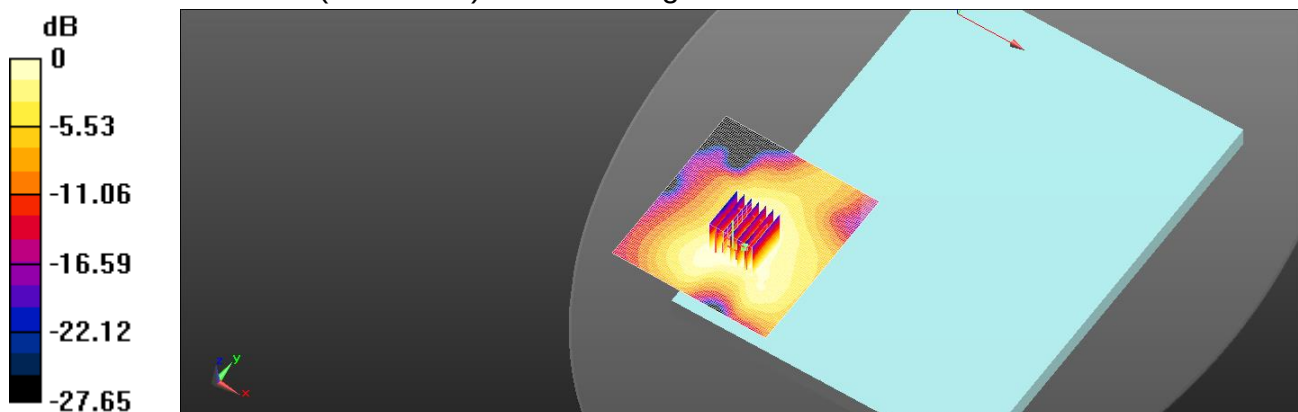
Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.061 W/kg

Smallest distance from peaks to all points 3 dB below = 14.9 mm

Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.185 W/kg = -7.33 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: 2025/10/29

ID: 038

Report No. :TESA2510000765ES

NR n78_PC3_FCC (20MHz)_Body_Bottom Surface_CH 645000_BPSK_1-1_19mm_Main

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

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.228$ S/m; $\epsilon_r = 38.62$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3750 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

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

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

Reference Value = 5.845 V/m; Power Drift = -0.03 dB

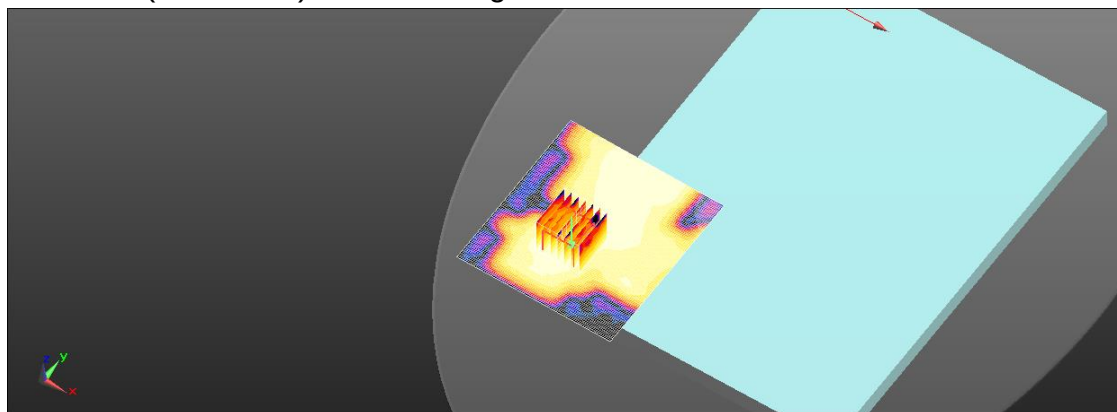
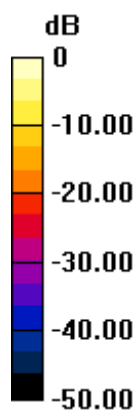
Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.031 W/kg

Smallest distance from peaks to all points 3 dB below = 12.6 mm

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

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



0 dB = 0.107 W/kg = -9.71 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/24

ID: 039

Report No. :TESA2510000765ES

LTE Band 2 (20MHz)_Body_Bottom Surface_CH 18700_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 40.985$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1860 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.78 W/kg

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

Reference Value = 26.57 V/m; Power Drift = -0.03 dB

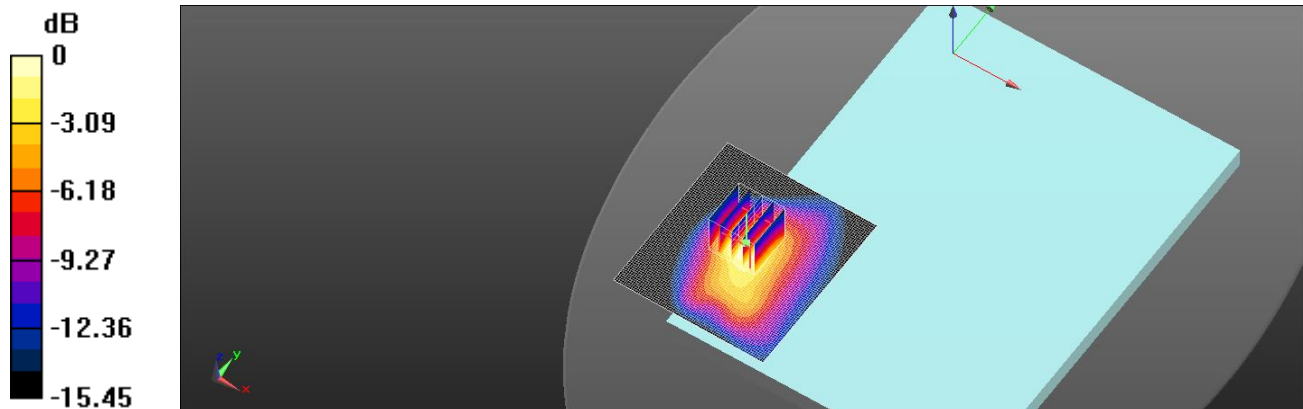
Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.667 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 60.8%

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 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: 2025/10/24

ID: 040

Report No. :TESA2510000765ES

LTE Band 4 (20MHz)_Body_Bottom Surface_CH 20175_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 41.083$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.78, 7.74, 6.92) @ 1732.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

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

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

Reference Value = 27.86 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.637 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 67.2%

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

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.86 V/m; Power Drift = -0.04 dB

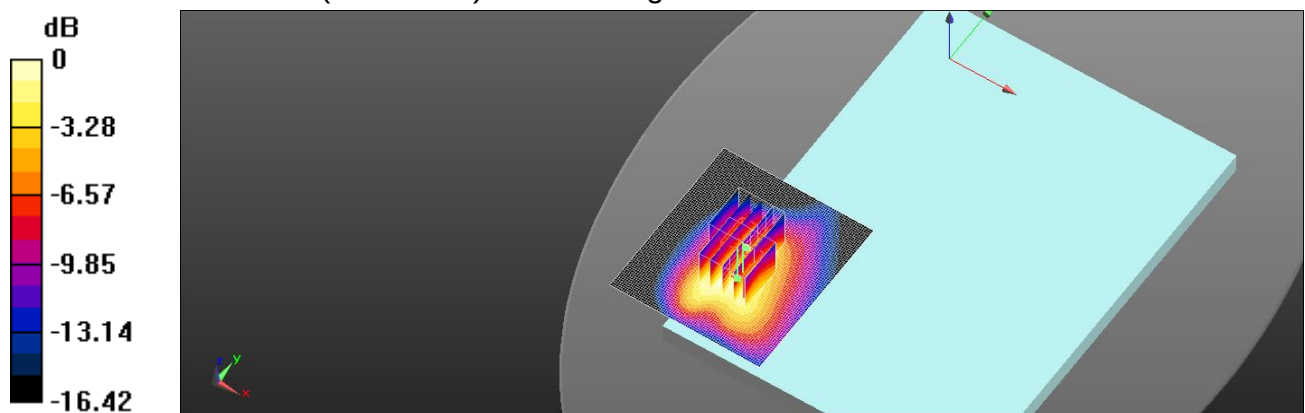
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.591 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

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

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/23

ID: 041

Report No. :TESA2510000765ES

LTE Band 5 (10MHz)_Body_Bottom Surface_CH 20600_QPSK_1-0_0mm_Main

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

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 42.512$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 844 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

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

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

Reference Value = 31.47 V/m; Power Drift = -0.10 dB

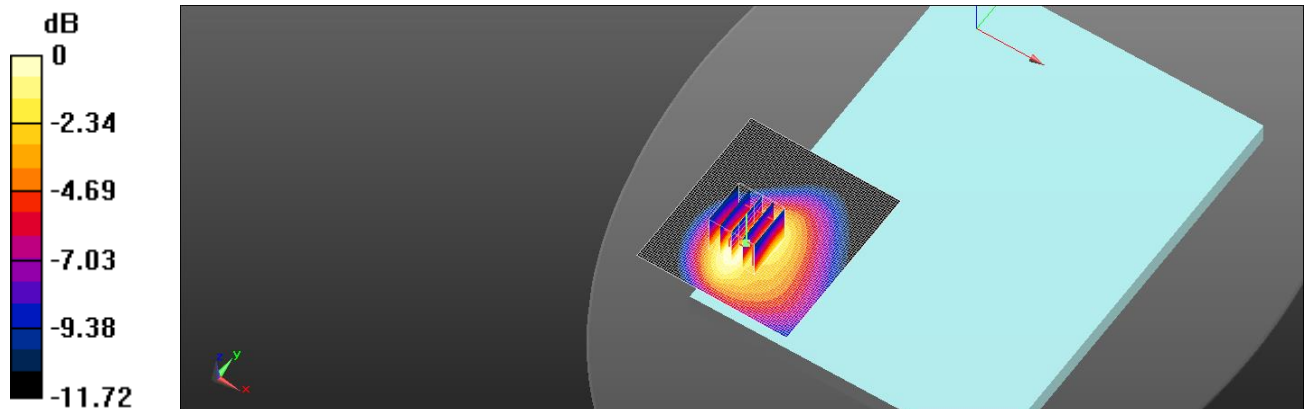
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.582 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Date: 2025/10/27

ID: 042

Report No. :TESA2510000765ES

LTE Band 7 (20MHz)_Body_Bottom Surface_CH 21350_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 40.037$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2560 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.59 W/kg

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

Reference Value = 24.00 V/m; Power Drift = 0.06 dB

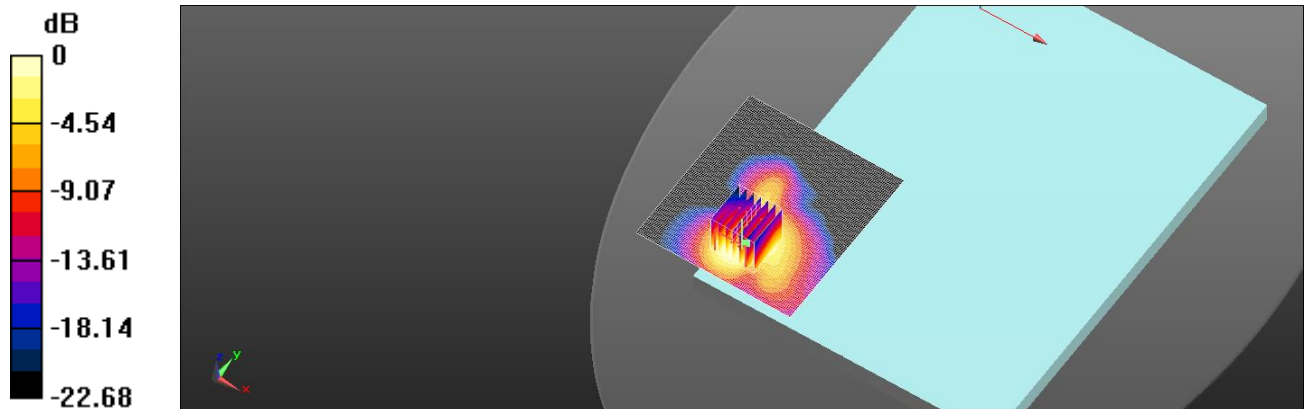
Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.532 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 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

www.sgs.com.tw

Member of SGS Group

Date: 2025/10/22

ID: 043

Report No. :TESA2510000765ES

LTE Band 12 (10MHz)_Body_Bottom Surface_CH 23130_QPSK_1-0_0mm_Main

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

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.903 \text{ S/m}$; $\epsilon_r = 43.122$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 711 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

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

Reference Value = 40.93 V/m; Power Drift = 0.01 dB

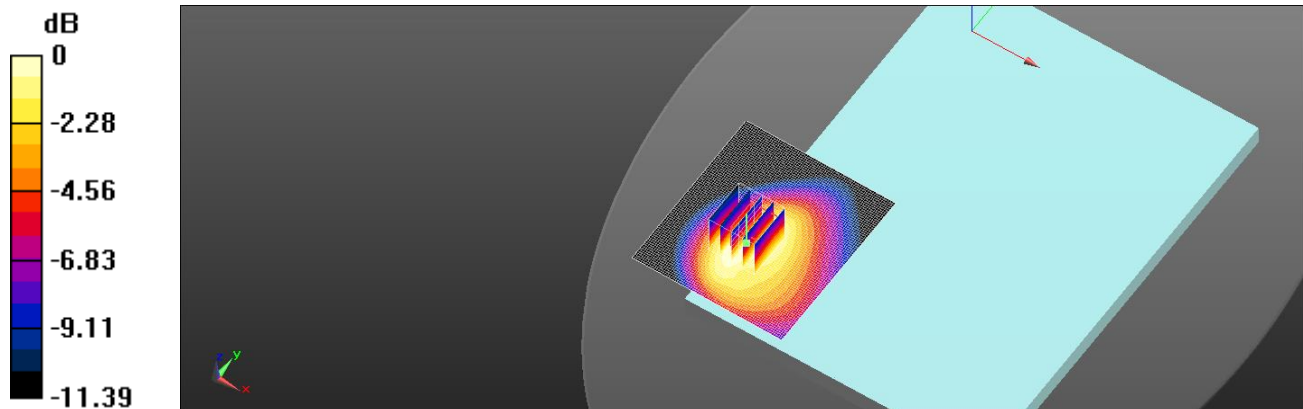
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.748 W/kg

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 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: 2025/10/22

ID: 044

Report No. :TESA2510000765ES

LTE Band 13 (10MHz)_Body_Bottom Surface_CH 23230_QPSK_1-0_0mm_Main

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

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 42.761$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 782 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.19 W/kg

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

Reference Value = 31.14 V/m; Power Drift = -0.03 dB

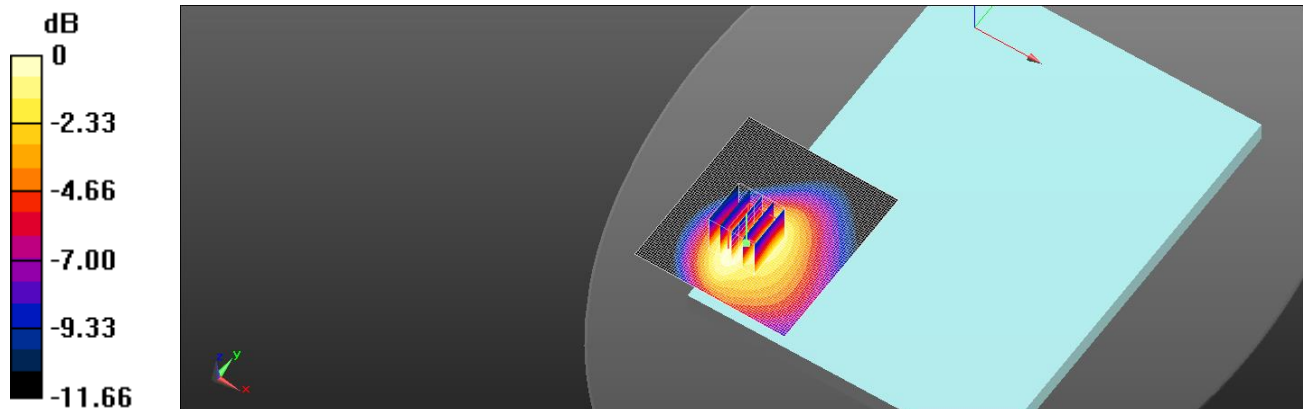
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.562 W/kg

Smallest distance from peaks to all points 3 dB below = 15.1 mm

Ratio of SAR at M2 to SAR at M1 = 67%

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 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: 2025/10/22

ID: 045

Report No. :TESA2510000765ES

LTE Band 14 (10MHz)_Body_Bottom Surface_CH 23330_QPSK_1-0_0mm_Main

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

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.907 \text{ S/m}$; $\epsilon_r = 42.696$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 793 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.33 W/kg

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

Reference Value = 32.70 V/m; Power Drift = -0.06 dB

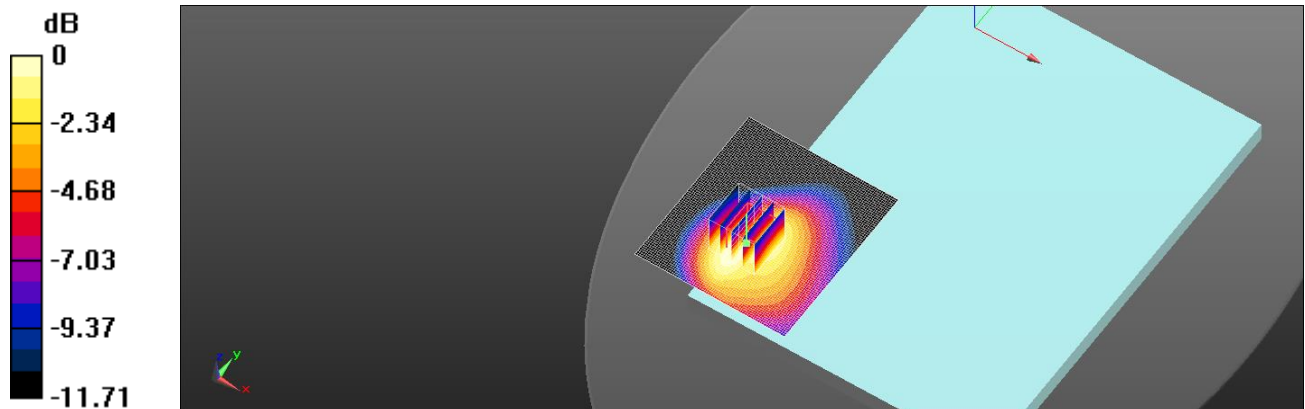
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.629 W/kg

Smallest distance from peaks to all points 3 dB below = 15.1 mm

Ratio of SAR at M2 to SAR at M1 = 66.7%

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 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: 2025/10/22

ID: 046

Report No. :TESA2510000765ES

LTE Band 17 (10MHz)_Body_Bottom Surface_CH 23790_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 43.127$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 710 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 1.25 W/kg

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

Reference Value = 34.33 V/m; Power Drift = -0.09 dB

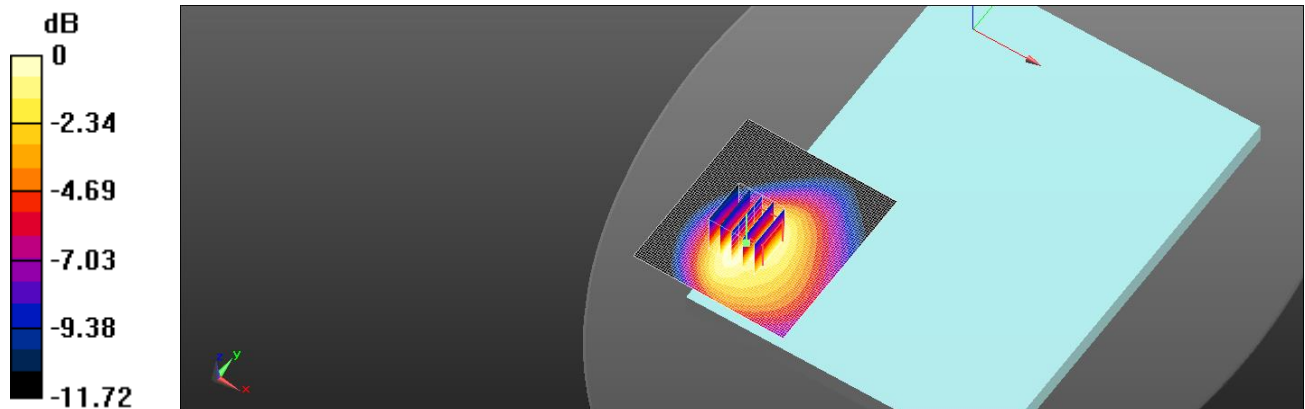
Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.611 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 66.3%

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 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: 2025/10/24

ID: 047

Report No. :TESA2510000765ES

LTE Band 25 (20MHz)_Body_Bottom Surface_CH 26140_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.431 \text{ S/m}$; $\epsilon_r = 40.985$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1860 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2025/01/20
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.70 W/kg

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

Reference Value = 25.29 V/m; Power Drift = -0.04 dB

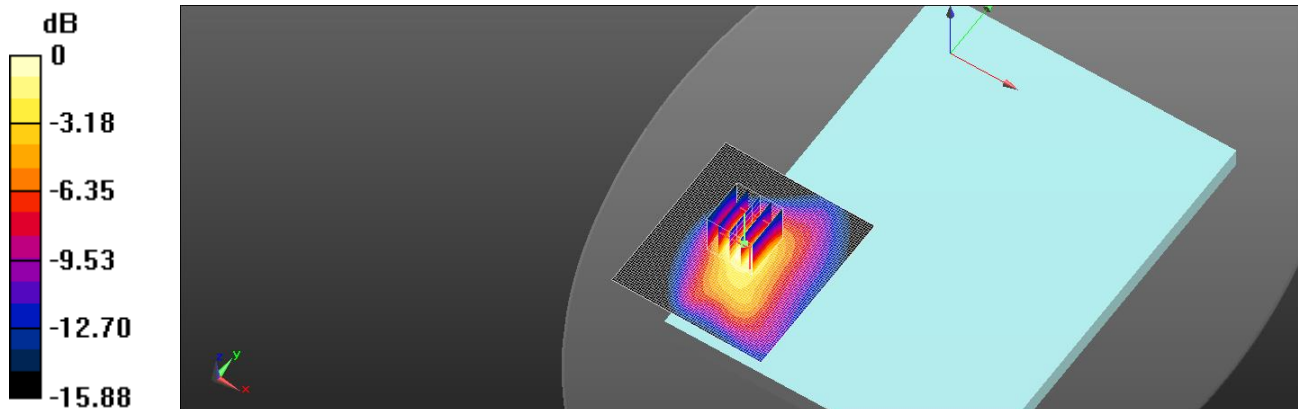
Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.633 W/kg

Smallest distance from peaks to all points 3 dB below = 13.2 mm

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

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

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t (886-2) 2299-3279

f (886-2) 2298-0488

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