RF Exposure report

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

EUT Description	Notebook Computer
Brand Name	HP
Model No.	HSN-I70C
Applicant	HP Inc. 1501 Page Mill Road, Palo Alto, CA 94304, USA
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID	B94HNI70CBVN
Date of EUT Receipt	May. 21, 2026
Date of Test(s)	Jun. 12, 2026 ~ Jul. 01, 2026
Date of Issue	Jul. 15, 2026

Approved By / John Yeh

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
TESA2605000382ES	00	Initial creation of document	Jul. 15, 2026	Cindy Chou	

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.

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1 GENERAL INFORMATION

1.1 Test Methodology

The SAR testing method and procedure for this device is in accordance with the following standards:
IEEE/ANSI C95.1-1992
IEEE 1528-2013
KDB 447498D01v06
KDB 865664D01v01r04
KDB 865664D02v01r02
KDB 616217D04v01r02
KDB 941225D01v03r01
KDB 941225D05v02r05
KDB 941225D05Av01r02
KDB 248227D01v02r01
IEC/IEEE 62209-1528:2020
SPEAG DASY6 System Handbook
SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)
IEC TR 63170:2018
IEC 62479:2010

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1.2 Description of EUT

EUT Description	Notebook Computer	
Brand Name	HP	
Model No.	HSN-I70C	
Integrated WWAN Module	Brand Name: COMPAL Model Name: RMM-G4	
Integrated WLAN Module	Brand Name: MediaTek Model Name: MT7925B14L	
Duty Cycle	WCDMA	1
	LTE FDD	1
	LTE TDD Power Class 3	0.633
	LTE TDD Power Class 2	0.433
	5G NR	1
	WLAN 802.11	Please refer to section 3
	Bluetooth	Please refer to section 3
Supported radios (TX Frequency Range, MHz)	WCDMA Band II	1850-1910
	WCDMA Band IV	1710-1755
	WCDMA Band V	824-849
	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

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Supported radios (TX Frequency Range, MHz)	LTE FDD Band 30	2305-2315
	LTE TDD Band 38 Power Class 2/3	2570-2620
	LTE TDD Band 41 Power Class 2/3	2496-2690
	LTE TDD Band 42 Power Class 2/3	3400-3600
	LTE TDD Band 43	3600-3700
	LTE TDD Band 48 Power Class 2/3	3550-3700
	LTE FDD Band 66	1710-1780
	LTE FDD Band 71	663-698
	n2	1850-1910
	n5	824-849
	n7	2500-2570
	n12	699-716
	n13	777-787
	n14	788-798
	n25	1850-1915
	n26	814-849
	n30	2305-2315
	n38	2570-2620
	n41	2496-2690
	n48	3550-3700
	n66	1710-1780
	n71	663-698
	n77	3700-3980
	n78	3300-3800

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

This device has WLAN module MT7925B14L integrated into the device for this model. The antennas for WLAN module MT7925B14L located at the top of panel which the distance of antenna to human body is over 20cm (refer to antenna location) and according to regulation, it is SAR exclusion.

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1.3 Maximum value

Summary of Maximum SAR Value	
Mode	Highest SAR 1g (W/kg)
NR n77_PC3	1.181

1.4 Antenna Information

WWAN

Vendor		Part Number		Antenna
Vendor 1		6036B0402101 (260-23861)		Ant 5
		6036B0402801 (260-23863)		Ant 8
Band	Frequency(MHz)	Peak Gain (dBi)		
		Ant 5	Ant 8	
WCDMA / LTE / 5G NR 2	1850~1910	0.43	-0.08	
WCDMA / LTE / 5G NR 4	1710~1755	1.39	1.14	
WCDMA / LTE / 5G NR 5	824~849	-0.52	N/A	
LTE / 5G NR 7	2500~2570	2.38	1.45	
LTE / 5G NR 12	699~716	0.11	N/A	
LTE / 5G NR 13	777~787	0.65	N/A	
LTE / 5G NR 14	788~798	-0.16	N/A	
LTE 17	704~716	0.11	N/A	
LTE / 5G NR 25	1850~1915	0.19	-0.80	
LTE / 5G NR 26	814~849	-0.52	N/A	
LTE / 5G NR 30	2305~2315	0.98	0.98	
LTE / 5G NR 38	2570~2620	2.38	1.13	
LTE / 5G NR 41	2496~2690	-1.27	-1.25	
LTE 42	3400~3600	2.91	0.64	
LTE 43	3600~3800	2.85	1.20	
LTE / 5G NR 48	3550~3700	-1.16	-1.10	
LTE / 5G NR 66	1710~1780	1.39	-1.90	
LTE / 5G NR 71	663~698	0.33	N/A	
5G NR 77	3300~4200	2.91	1.20	
5G NR 78	3300~3800	2.91	1.20	

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Vendor		Part Number		Antenna
Vendor 2		6036B0403001 (81EACC15.G65)		Ant 5
		6036B0402501 (81EACC15.G67)		Ant 8
Band	Frequency(MHz)	Peak Gain (dBi)		
		Ant 5	Ant 8	
WCDMA / LTE / 5G NR 2	1850~1910	0.57	0.96	
WCDMA / LTE / 5G NR 4	1710~1755	1.74	-1.82	
WCDMA / LTE / 5G NR 5	824~849	-0.65	N/A	
LTE / 5G NR 7	2500~2570	0.74	-0.47	
LTE / 5G NR 12	699~716	-1.48	N/A	
LTE / 5G NR 13	777~787	0.16	N/A	
LTE / 5G NR 14	788~798	-0.32	N/A	
LTE 17	704~716	-1.48	N/A	
LTE / 5G NR 25	1850~1915	0.57	0.96	
LTE / 5G NR 26	814~849	-0.65	N/A	
LTE / 5G NR 30	2305~2315	0.82	-1.14	
LTE / 5G NR 38	2570~2620	0.25	-0.47	
LTE / 5G NR 41	2496~2690	0.74	-0.47	
LTE 42	3400~3600	-2.69	0.43	
LTE 43	3600~3800	-2.69	0.51	
LTE / 5G NR 48	3550~3700	-2.69	0.51	
LTE / 5G NR 66	1710~1780	1.85	-1.40	
LTE / 5G NR 71	663~698	-2.50	N/A	
5G NR 77	3300~4200	-1.61	0.84	
5G NR 78	3300~3800	-2.69	0.51	

WLAN

Vendor		Part Number		Antenna
Vendor 1_LCD		6036B0402301 (260-23858)		Tx1/Aux
		6036B0402901 (260-23857)		Tx2/Main
Band	Frequency(MHz)	Peak Gain (dBi)		
		Tx1/Aux	Tx2/Main	
2.45GHz	2400~2500	2.18	2.05	
5.2GHz	5150~5250	2.99	2.53	
5.3GHz	5250~5350	2.79	2.73	
5.6GHz	5470~5725	1.75	2.18	
5.8GHz	5725~5850	2.31	2.36	
5.9GHz	5850~5895	2.58	2.19	
6.2GHz	5925~6425	2.26	2.74	
6.5GHz	6425~6525	2.74	2.86	
6.7GHz	6525~6875	2.10	1.80	
7.0GHz	6875~7125	-0.11	0.36	

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Vendor		Part Number		Antenna
Vendor 1_OLED		6036B0402001 (260-23860)		Tx1/Aux
		6036B0402201 (260-23859)		Tx2/Main
Band	Frequency(MHz)	Peak Gain (dBi)		
		Tx1/Aux	Tx2/Main	
2.45GHz	2400~2500	2.13	2.93	
5.2GHz	5150~5250	2.02	1.96	
5.3GHz	5250~5350	2.80	2.35	
5.6GHz	5470~5725	2.82	2.93	
5.8GHz	5725~5850	2.92	2.90	
5.9GHz	5850~5895	2.79	2.95	
6.2GHz	5925~6425	0.83	2.05	
6.5GHz	6425~6525	0.45	1.49	
6.7GHz	6525~6875	1.20	2.31	
7.0GHz	6875~7125	-0.27	0.62	

Vendor		Part Number		Antenna
Vendor 2_LCD		6036B0402701 (81EACC15.G63)		Tx1/Aux
		6036B0403201 (81EACC15.G64)		Tx2/Main
Band	Frequency(MHz)	Peak Gain (dBi)		
		Tx1/Aux	Tx2/Main	
2.45GHz	2400~2500	0.65	0.26	
5.2GHz	5150~5250	1.32	1.90	
5.3GHz	5250~5350	1.32	2.24	
5.6GHz	5470~5725	2.40	1.42	
5.8GHz	5725~5850	1.23	0.01	
5.9GHz	5850~5895	-1.07	-0.24	
6.2GHz	5925~6425	-0.26	1.59	
6.5GHz	6425~6525	-1.63	-1.19	
6.7GHz	6525~6875	-1.87	0.89	
7.0GHz	6875~7125	-1.97	-0.54	

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Vendor	Part Number	Antenna
Vendor 2_OLED	6036B0403101 (81EACC15.G70)	Tx1/Aux
	6036B0402601 (81EACC15.G71)	Tx2/Main

Band	Frequency(MHz)	Peak Gain (dBi)	
		Tx1/Aux	Tx2/Main
2.45GHz	2400~2500	-0.17	-0.25
5.2GHz	5150~5250	-0.22	-0.13
5.3GHz	5250~5350	0.21	1.41
5.6GHz	5470~5725	0.63	2.19
5.8GHz	5725~5850	-0.15	0.63
5.9GHz	5850~5895	-0.34	-0.77
6.2GHz	5925~6425	0.00	0.80
6.5GHz	6425~6525	0.00	0.76
6.7GHz	6525~6875	1.74	1.21
7.0GHz	6875~7125	-0.44	-0.40

Note: Antenna information is provided by the applicant.

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2 MEASUREMENT SYSTEM

2.1 Test Facility

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

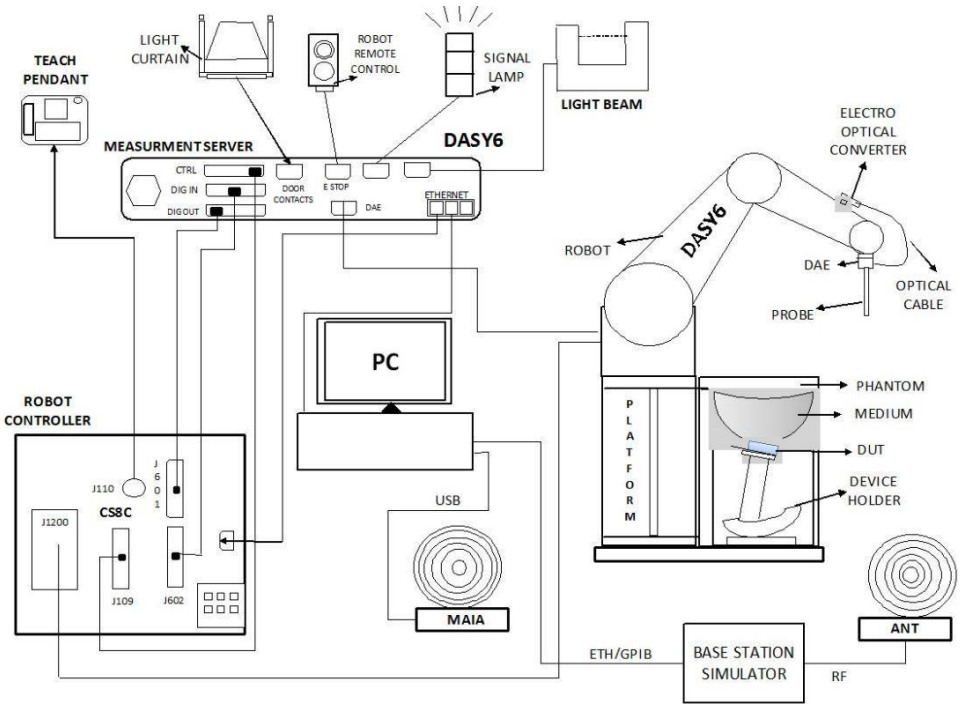
Note: Test site name is remarked on a bolded mark as an indication where measurements occurred in specific test site and address.

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2.2 SAR System

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 750/835/1750/1900/2300/2600/3500/3700/3900 MHz Additional CF for other liquids and frequencies upon request	
Frequency	10 MHz to > 6 GHz	
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)	
Dynamic Range	10 µW/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)	
Dimensions	Tip diameter: 2.5 mm	
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.	

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PHANTOM (ELI)

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

DEVICE HOLDER

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

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3 SAR SYSTEM VERIFICATION

3.1 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 fromeference po the center of the flat phantom to the liquid top surface is larger than 15cm.

3.2 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 ± 5% of the target values.

3.3 Measurement results of Tissue Simulant Liquid

Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ	Limit	Measurement Date
673	42.311	0.885	41.191	0.858	-2.65%	-3.04%	± 5%	Jun. 15, 2026
680.5	42.271	0.885	41.154	0.860	-2.64%	-2.87%	± 5%	
688	42.231	0.886	41.112	0.862	-2.65%	-2.69%	± 5%	
704	42.145	0.887	41.031	0.864	-2.64%	-2.59%	± 5%	
706.5	42.132	0.887	41.010	0.866	-2.66%	-2.38%	± 5%	
707.5	42.127	0.887	41.009	0.867	-2.65%	-2.27%	± 5%	
708.5	42.121	0.887	41.001	0.867	-2.66%	-2.28%	± 5%	
709	42.119	0.887	40.997	0.867	-2.66%	-2.28%	± 5%	
710	42.113	0.887	40.994	0.869	-2.66%	-2.07%	± 5%	
711	42.108	0.887	40.985	0.870	-2.67%	-1.96%	± 5%	
750	41.900	0.890	40.787	0.871	-2.66%	-2.13%	± 5%	
782	41.749	0.894	40.625	0.872	-2.69%	-2.44%	± 5%	
793	41.698	0.895	40.571	0.872	-2.70%	-2.58%	± 5%	
821.5	41.564	0.898	40.452	0.873	-2.67%	-2.83%	± 5%	Jun. 16, 2026
826.4	41.540	0.899	40.429	0.873	-2.68%	-2.89%	± 5%	
829	41.528	0.899	40.410	0.874	-2.69%	-2.81%	± 5%	
831.5	41.516	0.900	40.400	0.878	-2.69%	-2.40%	± 5%	
834	41.505	0.900	40.390	0.884	-2.69%	-1.76%	± 5%	
835	41.500	0.900	40.387	0.885	-2.68%	-1.67%	± 5%	
836.5	41.500	0.902	40.386	0.886	-2.68%	-1.73%	± 5%	
836.6	41.500	0.902	40.379	0.886	-2.70%	-1.74%	± 5%	
839	41.500	0.904	40.377	0.887	-2.71%	-1.91%	± 5%	
841.5	41.500	0.907	40.375	0.887	-2.71%	-2.21%	± 5%	
844	41.500	0.910	40.374	0.888	-2.71%	-2.38%	± 5%	
846.6	41.500	0.912	40.373	0.898	-2.72%	-1.59%	± 5%	

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1712.4	40.134	1.349	39.020	1.327	-2.78%	-1.67%	± 5%	Jun. 17, 2026
1720	40.127	1.354	38.998	1.338	-2.81%	-1.16%	± 5%	
1732.4	40.097	1.361	38.994	1.339	-2.75%	-1.64%	± 5%	
1732.5	40.116	1.360	38.991	1.343	-2.80%	-1.28%	± 5%	
1732.6	40.116	1.361	38.979	1.346	-2.83%	-1.07%	± 5%	
1745	40.105	1.367	38.976	1.346	-2.81%	-1.56%	± 5%	
1750	40.100	1.370	38.974	1.348	-2.81%	-1.61%	± 5%	
1752.6	40.095	1.372	38.966	1.354	-2.82%	-1.28%	± 5%	
1757.5	40.061	1.376	38.949	1.360	-2.78%	-1.14%	± 5%	
1770	40.060	1.382	38.935	1.369	-2.81%	-0.94%	± 5%	
1852.4	40.000	1.400	38.888	1.375	-2.78%	-1.79%	± 5%	Jun. 18, 2026
1860	40.000	1.400	38.887	1.375	-2.78%	-1.79%	± 5%	
1870	40.000	1.400	38.887	1.375	-2.78%	-1.79%	± 5%	
1880	40.000	1.400	38.884	1.376	-2.79%	-1.71%	± 5%	
1882.5	40.000	1.400	38.884	1.377	-2.79%	-1.64%	± 5%	
1890	40.000	1.400	38.876	1.379	-2.81%	-1.50%	± 5%	
1895	40.000	1.400	38.876	1.380	-2.81%	-1.43%	± 5%	
1900	40.000	1.400	38.876	1.381	-2.81%	-1.36%	± 5%	
1905	40.000	1.400	38.876	1.384	-2.81%	-1.14%	± 5%	
1907.6	40.000	1.400	38.873	1.388	-2.82%	-0.86%	± 5%	
2300	39.500	1.670	38.389	1.657	-2.81%	-0.78%	± 5%	
2310	39.480	1.679	38.361	1.664	-2.83%	-0.87%	± 5%	
2506	39.125	1.860	38.002	1.835	-2.87%	-1.33%	± 5%	Jun. 19, 2026
2510	39.120	1.864	37.996	1.842	-2.87%	-1.18%	± 5%	
2525	39.100	1.880	37.976	1.854	-2.87%	-1.38%	± 5%	
2535	39.087	1.891	37.964	1.878	-2.87%	-0.67%	± 5%	
2545	39.073	1.901	37.959	1.878	-2.85%	-1.23%	± 5%	
2546.01	39.072	1.902	37.952	1.880	-2.87%	-1.18%	± 5%	
2549.5	39.067	1.906	37.942	1.882	-2.88%	-1.27%	± 5%	
2560	39.053	1.917	37.940	1.893	-2.85%	-1.27%	± 5%	
2580	39.027	1.939	37.901	1.921	-2.88%	-0.91%	± 5%	
2590.02	39.013	1.949	37.890	1.933	-2.88%	-0.84%	± 5%	
2592.99	39.009	1.953	37.889	1.933	-2.87%	-1.00%	± 5%	
2593	39.009	1.953	37.888	1.933	-2.87%	-1.00%	± 5%	
2595	39.007	1.955	37.887	1.936	-2.87%	-0.95%	± 5%	
2599.98	39.000	1.960	37.883	1.938	-2.86%	-1.12%	± 5%	
2600	39.000	1.960	37.881	1.940	-2.87%	-1.02%	± 5%	
2610	38.988	1.971	37.862	1.955	-2.89%	-0.81%	± 5%	
2636.5	38.954	2.000	37.829	1.974	-2.89%	-1.31%	± 5%	
2640	38.950	2.004	37.829	1.975	-2.88%	-1.45%	± 5%	
2680	38.900	2.048	37.790	1.996	-2.85%	-2.54%	± 5%	

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3410	38.008	2.818	36.898	2.748	-2.92%	-2.49%	± 5%	Jun. 20, 2026
3460	37.948	2.869	36.819	2.814	-2.98%	-1.92%	± 5%	
3499.995	37.900	2.910	36.788	2.839	-2.93%	-2.44%	± 5%	
3500	37.900	2.910	36.775	2.844	-2.97%	-2.27%	± 5%	
3500.01	37.900	2.910	36.771	2.846	-2.98%	-2.20%	± 5%	
3509	37.891	2.919	36.769	2.861	-2.96%	-2.00%	± 5%	
3537.51	37.862	2.949	36.736	2.884	-2.98%	-2.20%	± 5%	
3540	37.860	2.952	36.736	2.887	-2.97%	-2.19%	± 5%	
3541	37.859	2.953	36.735	2.889	-2.97%	-2.16%	± 5%	
3560	37.840	2.972	36.721	2.909	-2.96%	-2.13%	± 5%	
3575	37.825	2.988	36.713	2.919	-2.94%	-2.31%	± 5%	
3575.01	37.825	2.988	36.712	2.922	-2.94%	-2.21%	± 5%	
3590	37.810	3.004	36.696	2.939	-2.95%	-2.15%	± 5%	
3600	37.800	3.014	36.687	2.945	-2.94%	-2.29%	± 5%	
3410	38.008	2.818	36.896	2.759	-2.93%	-2.10%	± 5%	Jun. 21, 2026
3460	37.948	2.869	36.824	2.796	-2.96%	-2.55%	± 5%	
3499.995	37.900	2.910	36.784	2.837	-2.94%	-2.51%	± 5%	
3500	37.900	2.910	36.779	2.851	-2.96%	-2.03%	± 5%	
3500.01	37.900	2.910	36.776	2.854	-2.97%	-1.92%	± 5%	
3509	37.891	2.919	36.774	2.863	-2.95%	-1.93%	± 5%	
3537.51	37.862	2.949	36.746	2.885	-2.95%	-2.17%	± 5%	
3540	37.860	2.952	36.742	2.891	-2.95%	-2.05%	± 5%	
3541	37.859	2.953	36.732	2.891	-2.98%	-2.09%	± 5%	
3560	37.840	2.972	36.729	2.900	-2.94%	-2.44%	± 5%	
3575	37.825	2.988	36.710	2.915	-2.95%	-2.44%	± 5%	
3575.01	37.825	2.988	36.703	2.921	-2.97%	-2.24%	± 5%	
3590	37.810	3.004	36.693	2.930	-2.95%	-2.45%	± 5%	
3600	37.800	3.014	36.677	2.950	-2.97%	-2.12%	± 5%	
3410	38.008	2.818	36.890	2.758	-2.94%	-2.14%	± 5%	Jun. 22, 2026
3460	37.948	2.869	36.834	2.815	-2.94%	-1.89%	± 5%	
3499.995	37.900	2.910	36.790	2.839	-2.93%	-2.44%	± 5%	
3500	37.900	2.910	36.787	2.843	-2.94%	-2.30%	± 5%	
3500.01	37.900	2.910	36.787	2.843	-2.94%	-2.30%	± 5%	
3509	37.891	2.919	36.777	2.850	-2.94%	-2.38%	± 5%	
3537.51	37.862	2.949	36.750	2.886	-2.94%	-2.14%	± 5%	
3540	37.860	2.952	36.744	2.887	-2.95%	-2.19%	± 5%	
3541	37.859	2.953	36.732	2.890	-2.98%	-2.12%	± 5%	
3560	37.840	2.972	36.714	2.902	-2.98%	-2.37%	± 5%	
3575	37.825	2.988	36.706	2.915	-2.96%	-2.44%	± 5%	
3575.01	37.825	2.988	36.700	2.932	-2.97%	-1.87%	± 5%	
3590	37.810	3.004	36.693	2.941	-2.95%	-2.08%	± 5%	
3600	37.800	3.014	36.687	2.949	-2.94%	-2.16%	± 5%	

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3410	38.008	2.818	36.890	2.754	-2.94%	-2.28%	± 5%	Jun. 23, 2026
3460	37.948	2.869	36.837	2.808	-2.93%	-2.13%	± 5%	
3499.995	37.900	2.910	36.788	2.837	-2.93%	-2.51%	± 5%	
3500	37.900	2.910	36.783	2.847	-2.95%	-2.16%	± 5%	
3500.01	37.900	2.910	36.779	2.851	-2.96%	-2.03%	± 5%	
3509	37.891	2.919	36.765	2.853	-2.97%	-2.27%	± 5%	
3537.51	37.862	2.949	36.747	2.886	-2.95%	-2.14%	± 5%	
3540	37.860	2.952	36.735	2.892	-2.97%	-2.02%	± 5%	
3541	37.859	2.953	36.734	2.894	-2.97%	-1.99%	± 5%	
3560	37.840	2.972	36.720	2.901	-2.96%	-2.40%	± 5%	
3575	37.825	2.988	36.705	2.918	-2.96%	-2.34%	± 5%	
3575.01	37.825	2.988	36.696	2.927	-2.98%	-2.04%	± 5%	
3590	37.810	3.004	36.689	2.937	-2.96%	-2.22%	± 5%	
3600	37.800	3.014	36.679	2.951	-2.97%	-2.09%	± 5%	
3609	37.791	3.023	36.669	2.955	-2.97%	-2.26%	± 5%	Jun. 24, 2026
3612.51	37.787	3.027	36.659	2.967	-2.99%	-1.98%	± 5%	
3625.02	37.775	3.040	36.656	2.984	-2.96%	-1.84%	± 5%	
3641	37.759	3.057	36.642	2.995	-2.96%	-2.02%	± 5%	
3649.98	37.750	3.066	36.629	2.996	-2.97%	-2.28%	± 5%	
3650.01	37.750	3.066	36.626	2.998	-2.98%	-2.22%	± 5%	
3660	37.740	3.076	36.620	3.015	-2.97%	-2.00%	± 5%	
3662.5	37.738	3.079	36.618	3.017	-2.97%	-2.01%	± 5%	
3665	37.735	3.082	36.611	3.021	-2.98%	-1.97%	± 5%	
3690	37.710	3.108	36.588	3.045	-2.98%	-2.01%	± 5%	
3700	37.700	3.118	36.582	3.058	-2.97%	-1.92%	± 5%	
3750	37.650	3.170	36.530	3.103	-2.97%	-2.11%	± 5%	
3795	37.605	3.217	36.478	3.149	-3.00%	-2.11%	± 5%	
3609	37.791	3.023	36.661	2.952	-2.99%	-2.36%	± 5%	Jun. 25, 2026
3612.51	37.787	3.027	36.658	2.962	-2.99%	-2.15%	± 5%	
3625.02	37.775	3.040	36.646	2.974	-2.99%	-2.17%	± 5%	
3641	37.759	3.057	36.639	2.999	-2.97%	-1.89%	± 5%	
3649.98	37.750	3.066	36.632	3.005	-2.96%	-1.99%	± 5%	
3650.01	37.750	3.066	36.629	3.006	-2.97%	-1.96%	± 5%	
3660	37.740	3.076	36.627	3.008	-2.95%	-2.22%	± 5%	
3662.5	37.738	3.079	36.623	3.008	-2.95%	-2.31%	± 5%	
3665	37.735	3.082	36.616	3.013	-2.97%	-2.23%	± 5%	
3690	37.710	3.108	36.593	3.036	-2.96%	-2.30%	± 5%	
3700	37.700	3.118	36.574	3.053	-2.99%	-2.08%	± 5%	
3750	37.650	3.170	36.527	3.101	-2.98%	-2.18%	± 5%	
3795	37.605	3.217	36.482	3.150	-2.99%	-2.08%	± 5%	

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3609	37.791	3.023	36.674	2.955	-2.96%	-2.26%	± 5%	
3612.51	37.787	3.027	36.671	2.956	-2.95%	-2.35%	± 5%	
3625.02	37.775	3.040	36.649	2.968	-2.98%	-2.37%	± 5%	
3641	37.759	3.057	36.637	2.996	-2.97%	-1.98%	± 5%	
3649.98	37.750	3.066	36.633	3.002	-2.96%	-2.09%	± 5%	
3650.01	37.750	3.066	36.623	3.007	-2.99%	-1.92%	± 5%	
3660	37.740	3.076	36.621	3.016	-2.97%	-1.96%	± 5%	Jun. 26, 2026
3662.5	37.738	3.079	36.613	3.020	-2.98%	-1.92%	± 5%	
3665	37.735	3.082	36.611	3.027	-2.98%	-1.77%	± 5%	
3690	37.710	3.108	36.594	3.036	-2.96%	-2.30%	± 5%	
3700	37.700	3.118	36.578	3.056	-2.98%	-1.99%	± 5%	
3750	37.650	3.170	36.531	3.114	-2.97%	-1.77%	± 5%	
3795	37.605	3.217	36.479	3.149	-2.99%	-2.11%	± 5%	
3609	37.791	3.023	36.665	2.961	-2.98%	-2.06%	± 5%	
3612.51	37.787	3.027	36.664	2.971	-2.97%	-1.85%	± 5%	
3625.02	37.775	3.040	36.652	2.975	-2.97%	-2.14%	± 5%	
3641	37.759	3.057	36.636	2.993	-2.97%	-2.08%	± 5%	
3649.98	37.750	3.066	36.633	3.004	-2.96%	-2.02%	± 5%	
3650.01	37.750	3.066	36.627	3.005	-2.97%	-1.99%	± 5%	
3660	37.740	3.076	36.618	3.010	-2.97%	-2.16%	± 5%	Jun. 27, 2026
3662.5	37.738	3.079	36.618	3.023	-2.97%	-1.82%	± 5%	
3665	37.735	3.082	36.609	3.025	-2.98%	-1.84%	± 5%	
3690	37.710	3.108	36.595	3.044	-2.96%	-2.05%	± 5%	
3700	37.700	3.118	36.574	3.053	-2.99%	-2.08%	± 5%	
3750	37.650	3.170	36.523	3.099	-2.99%	-2.24%	± 5%	
3795	37.605	3.217	36.482	3.154	-2.99%	-1.95%	± 5%	
3609	37.791	3.023	36.669	2.955	-2.97%	-2.26%	± 5%	
3612.51	37.787	3.027	36.659	2.967	-2.99%	-1.98%	± 5%	
3625.02	37.775	3.040	36.656	2.984	-2.96%	-1.84%	± 5%	
3641	37.759	3.057	36.642	2.995	-2.96%	-2.02%	± 5%	
3649.98	37.750	3.066	36.629	2.996	-2.97%	-2.28%	± 5%	
3650.01	37.750	3.066	36.626	2.998	-2.98%	-2.22%	± 5%	
3660	37.740	3.076	36.620	3.015	-2.97%	-2.00%	± 5%	Jun. 28, 2026
3662.5	37.738	3.079	36.618	3.017	-2.97%	-2.01%	± 5%	
3665	37.735	3.082	36.611	3.021	-2.98%	-1.97%	± 5%	
3690	37.710	3.108	36.588	3.045	-2.98%	-2.01%	± 5%	
3700	37.700	3.118	36.582	3.058	-2.97%	-1.92%	± 5%	
3750	37.650	3.170	36.530	3.103	-2.97%	-2.11%	± 5%	
3795	37.605	3.217	36.478	3.149	-3.00%	-2.11%	± 5%	

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3840	37.560	3.264	36.433	3.215	-3.00%	-1.49%	± 5%	Jun. 29, 2026
3885	37.515	3.310	36.403	3.268	-2.96%	-1.28%	± 5%	
3900	37.500	3.326	36.376	3.269	-3.00%	-1.71%	± 5%	
3930	37.470	3.357	36.360	3.309	-2.96%	-1.44%	± 5%	
2546.01	39.072	1.902	38.063	1.864	-2.58%	-2.02%	± 5%	Jul. 01, 2026
2592.99	39.009	1.953	37.997	1.913	-2.60%	-2.02%	± 5%	
2600	39.000	1.960	37.951	1.926	-2.69%	-1.73%	± 5%	
2640	38.950	2.004	37.894	1.934	-2.71%	-3.49%	± 5%	
3499.995	37.900	2.910	36.892	2.802	-2.66%	-3.71%	± 5%	
3500	37.900	2.910	36.880	2.803	-2.69%	-3.68%	± 5%	
3500.01	37.900	2.910	36.744	2.805	-3.05%	-3.61%	± 5%	
3537.51	37.862	2.949	36.692	2.860	-3.09%	-3.02%	± 5%	
3575.01	37.825	2.988	36.678	2.903	-3.03%	-2.85%	± 5%	
3612.51	37.787	3.027	36.612	2.935	-3.11%	-3.04%	± 5%	
3650.01	37.750	3.066	36.549	2.983	-3.18%	-2.71%	± 5%	
3700	37.700	3.118	36.530	3.041	-3.10%	-2.47%	± 5%	
3750	37.650	3.170	36.516	3.057	-3.01%	-3.56%	± 5%	
3795	37.605	3.217	36.467	3.118	-3.03%	-3.07%	± 5%	
3840	37.560	3.264	36.449	3.144	-2.96%	-3.66%	± 5%	
3885	37.515	3.310	36.428	3.198	-2.90%	-3.40%	± 5%	
3900	37.500	3.326	36.372	3.253	-3.01%	-2.19%	± 5%	
3930	37.470	3.357	36.305	3.260	-3.11%	-2.90%	± 5%	

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3.4 The composition of the tissue simulating liquid:

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

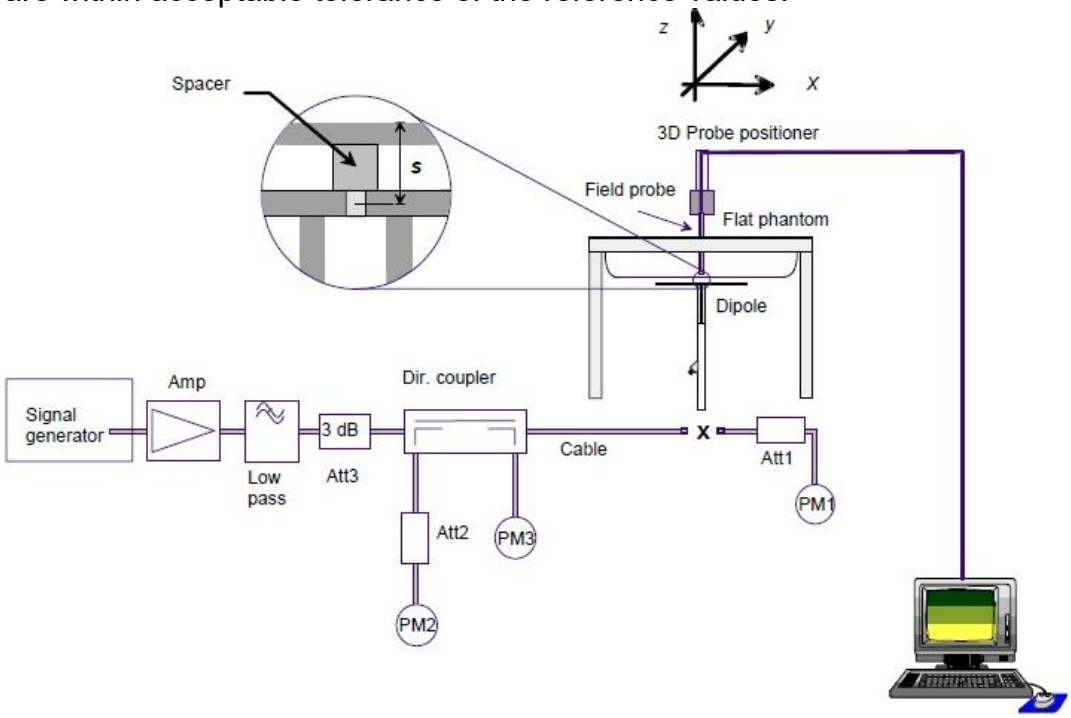
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

3.5 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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3.6 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	2.2	8.8	3.04	± 10%	Jun.15,2026
D835V2	4d063	835	9.47	2.36	9.44	-0.32	± 10%	Jun.16,2026
D1750V2	1008	1750	36.4	8.7	34.8	-4.40	± 10%	Jun.17,2026
D1900V2	5d173	1900	39.8	9.39	37.56	-5.63	± 10%	Jun.18,2026
D2300V2	1023	2300	49.3	12.3	49.2	-0.20	± 10%	Jun.18,2026
D2600V2	1005	2600	55.3	13.2	52.8	-4.52	± 10%	Jun.19,2026
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D3500V2	1009	3500	65.8	6.66	66.6	1.22	± 10%	Jun.20,2026
D3500V2	1009	3500	65.8	6.48	64.8	-1.52	± 10%	Jun.21,2026
D3500V2	1009	3500	65.8	6.49	64.9	-1.37	± 10%	Jun.22,2026
D3500V2	1009	3500	65.8	6.5	65	-1.22	± 10%	Jun.23,2026
D3700V2	1057	3700	67.5	6.73	67.3	-0.30	± 10%	Jun.24,2026
D3700V2	1057	3700	67.5	6.72	67.2	-0.44	± 10%	Jun.25,2026
D3700V2	1057	3700	67.5	6.57	65.7	-2.67	± 10%	Jun.26,2026
D3700V2	1057	3700	67.5	6.46	64.6	-4.30	± 10%	Jun.27,2026
D3900V2	1032	3900	66.9	7.01	70.1	4.78	± 10%	Jun.29,2026
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D2600V2	1005	2600	55.3	13.3	53.2	-3.80	± 10%	Jul.01,2026
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D3500V2	1009	3500	65.8	6.59	65.9	0.15	± 10%	Jul.01,2026
D3700V2	1057	3700	67.5	6.57	65.7	-2.67	± 10%	Jul.01,2026
D3900V2	1032	3900	66.9	6.78	67.8	1.35	± 10%	Jul.01,2026

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4 TEST CONFIGURATIONS

4.1 Test Environment

Ambient Temperature: 22±2° C
Tissue Simulating Liquid: 22±2° C

4.2 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 ≤ 0.8 W/kg, when the transmission band is ≤ 100 MHz. According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is ≥ 0.8 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 ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- **UMTS (HSDPA):** The 3G SAR test reduction procedure is applied to HSDPA with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSDPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSDPA). The following 4 sub-tests were completed according to Release 5 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

Sub-test	β_c	β_d	β_d *(SF)*	β_c/β_d	β_{hs} (1)	CM (dB)(2)
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15(3)	15/15(3)	64	12/15(3)	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 8 ⇔ $A_{hs} = \beta_{hs}/\beta_c$ = 30/15 ⇔ β_{hs}= 30/15 *β_c
Note 2: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15.
Note 3: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

- **UMTS (HSPA):** The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA). The following 5 sub-tests were completed according to Release 6 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

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Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{hs} (1)	β_{ec}	β_{ed}	β_{ed} (SF)	β_{ed} (codes)	CM (2) (dB)	MPR (dB)	AG (4) Index	E-TFCI
1	11/15 (3)	15/15 (3)	64	11/15 (3)	22/15	209/225	1039/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1}: 47/15 β_{ed2}: 47/15	4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15 (4)	15/15 (4)	64	15/15 (4)	30/15	24/15	134/15	4	1	1.0	0.0	21	81

Note 1: Δ_{ACK}, Δ_{NACK} and $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$.
Note 2: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH, HS- DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.
Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to β_c = 10/15 and β_d = 15/15.
Note 4: For subtest 5 the β_c/β_d ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to β_c = 14/15 and β_d = 15/15.
Note 5: Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.
Note 6: β_{ed} cannot be set directly; it is set by Absolute Grant Value.

• **UMTS (HSPA+):** The 3G SAR test reduction procedure is applied to HSPA+ with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA+) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA+). The following 1 sub-test was completed according to Release 7 procedures in section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

Table C.11.1.4: **β values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM**

Sub-test	β_c (Note3)	β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (2xSF2) (Note 4)	β_{ed} (2xSF4) (Note 4)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 4)	E-TFCI (Note 5)	E-TFCI (boost)
1	1	0	30/15	30/15	β_{ed}1: 30/15 β_{ed}2: 30/15	β_{ed}3: 24/15 β_{ed}4: 24/15	3.5	2.5	14	105	105

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with $\beta_{hs} = 30/15 * \beta_c$.
Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).
Note 3: DPDCH is not configured, therefore the β_c is set to 1 and β_d = 0 by default.
Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.
Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

• **UMTS (DC-HSDPA):** The 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable. Since the maximum output power in a secondary mode (DC-HSDPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (DC-HSDPA). The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. A summary of these setting are illustrated below:

The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121, annex C for FDD and 3GPP TS 34.122

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Table C.8.1.12: Fixed Reference Channel H-Set 12

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Processes	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK
Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table.		
Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.		

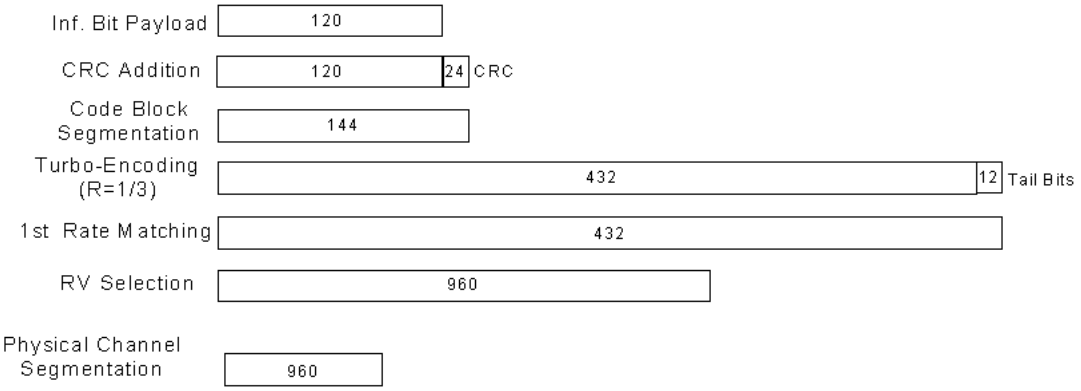


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 sub-tests for HSDPA were completed according to Release 8 procedures in section 5.2 of 3GPP TS34.121. A summary of subtest settings are illustrated below:

Sub-test	β_c	β_d	β_d *(SF)*	β_c/β_d	β_{hs} (1)	CM (dB)(2)
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15(3)	15/15(3)	64	12/15(3)	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 8 ⇔ $A_{hs} = \beta_{hs}/\beta_c$ = 30/15 ⇔ β_{hs}= 30/15 *β_c
Note 2: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15.
Note 3: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

- **LTE:** LTE modes test according to **KDB 941225D05v02r05.**

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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 ≤ 0.8 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 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 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 > ½ 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

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testing in the smaller channel bandwidth is > ½ 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.

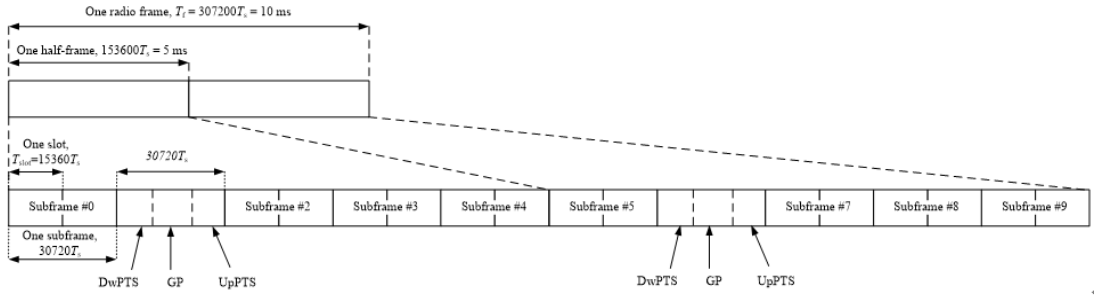


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

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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	$26336 \cdot T_s$			$7680 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$		
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%.

- **LTE downlink CA:** The device supports the carrier aggregation in the downlink. All uplink communications are identical to the Release 8 specifications. Uplink maximum output power is measured with downlink carrier aggregation active, only for the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive. The downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements. The nominal channel spacing is determined by [BW1 + BW2 – 0.1*|BW1 – BW2|]/2 MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration. The downlink PCC channel should be paired with the uplink channel according to normal configurations, as if there is no carrier aggregation. The downlink SCC should be adjacent to the PCC and remain within

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the downlink transmission band for contiguous intra-band CA. For non-contiguous intra-band CA, the SCC should be selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band. For inter-band CA, the SCC should be near the middle of its transmission band. When downlink carrier aggregation is active uplink maximum output power remain within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

- **LTE intra-band UL CA (contiguous):** The device supports LTE intra-band contiguous UL CA. The maximum output power is measured for each UL CA configuration for the required test channels. UL PCC configuration is determined by the required test channel. SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band. SAR for UL CA is required in highest standalone head/body test position and frequency band combination. Since the maximum output for UL CA is ≦ standalone LTE mode (without CA), PCC is configured according to the highest standalone SAR configuration tested, SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.
- **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.
- **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 ½ 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 ½ dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to ensure output power will not ½ 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 ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK

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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 ½ 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.

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4.3 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.

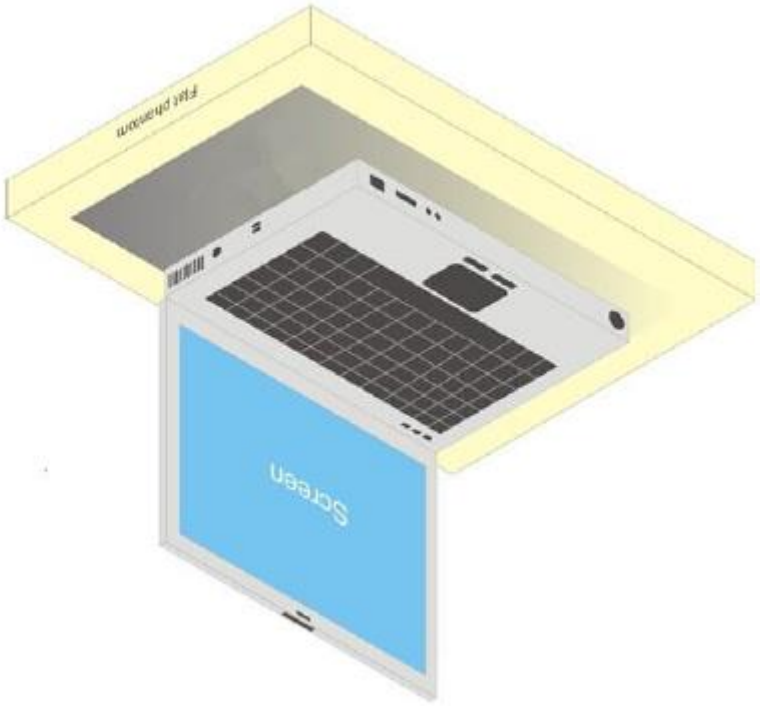


Illustration for Laptop Setup

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4.4 Test limit

§ 2.1093(d)(1)

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

Radiofrequency radiation exposure limits.

§ 1.1310(a)

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

§ 1.1310(b)

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

§ 1.1310(c)

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

Note to paragraphs (a) through (c):

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

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

Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to § 1.1310(e)(1).
According to ANSI/IEEE C95.1-1992, the criteria listed in the following Table shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.
Peak Spatially Averaged Power Density was evaluated over a circular area of 4cm2 per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes

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

f = frequency in MHz. * = Plane-wave equivalent power density.
Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

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5 MAXIMUM OUTPUT POWER

5.1 WCDMA

ANT5

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**22.00**		
3GPP Rel 99	RMC 12.2Kbps	21.54	21.55	21.56
3GPP Rel 5	HSDPA Subtest-1	21.32	21.35	21.44
	HSDPA Subtest-2	21.33	21.29	21.32
	HSDPA Subtest-3	20.79	20.76	20.79
	HSDPA Subtest-4	20.79	20.75	20.88
3GPP Rel 6	HSUPA Subtest-1	21.45	21.35	21.32
	HSUPA Subtest-2	19.41	19.43	19.35
	HSUPA Subtest-3	20.36	20.33	20.31
	HSUPA Subtest-4	19.27	19.25	19.39
	HSUPA Subtest-5	21.29	21.42	21.32
3GPP Rel 7	HSPA+	18.89	18.85	18.80
3GPP Rel 8	DC-HSDPA Subtest-1	21.44	21.36	21.33
	DC-HSDPA Subtest-2	21.25	21.33	21.44
	DC-HSDPA Subtest-3	20.91	20.79	20.88
	DC-HSDPA Subtest-4	20.77	20.88	20.88
Band		WCDMA IV		
TX Channel		1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**21.00**		
3GPP Rel 99	RMC 12.2Kbps	20.58	20.64	20.61
3GPP Rel 5	HSDPA Subtest-1	20.41	20.37	20.39
	HSDPA Subtest-2	20.30	20.30	20.40
	HSDPA Subtest-3	19.85	19.82	19.86
	HSDPA Subtest-4	19.94	19.92	19.78
3GPP Rel 6	HSUPA Subtest-1	20.31	20.39	20.28
	HSUPA Subtest-2	18.45	18.37	18.32
	HSUPA Subtest-3	19.29	19.28	19.30
	HSUPA Subtest-4	18.29	18.44	18.27
	HSUPA Subtest-5	20.44	20.26	20.33
3GPP Rel 7	HSPA+	17.93	17.92	17.85
3GPP Rel 8	DC-HSDPA Subtest-1	20.44	20.44	20.42
	DC-HSDPA Subtest-2	20.36	20.36	20.33
	DC-HSDPA Subtest-3	19.78	19.77	19.94
	DC-HSDPA Subtest-4	19.93	19.93	19.75

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Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**24.00**		
3GPP Rel 99	RMC 12.2Kbps	23.87	23.82	23.78
3GPP Rel 5	HSDPA Subtest-1	23.42	23.33	23.42
	HSDPA Subtest-2	23.26	23.42	23.38
	HSDPA Subtest-3	22.93	22.84	22.77
	HSDPA Subtest-4	22.83	22.94	22.81
3GPP Rel 6	HSUPA Subtest-1	23.44	23.41	23.40
	HSUPA Subtest-2	21.41	21.29	21.41
	HSUPA Subtest-3	22.38	22.39	22.36
	HSUPA Subtest-4	21.43	21.37	21.31
	HSUPA Subtest-5	23.42	23.35	23.36
3GPP Rel 7	HSPA+	20.83	20.93	20.79
3GPP Rel 8	DC-HSDPA Subtest-1	23.40	23.44	23.29
	DC-HSDPA Subtest-2	23.30	23.36	23.25
	DC-HSDPA Subtest-3	22.87	22.89	22.85
	DC-HSDPA Subtest-4	22.81	22.85	22.85

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5.2 FDD LTE

ANT5

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	21.86	21.91	21.90	22.00	0
		1	50	21.74	21.74	21.83	22.00	0
		1	99	21.84	21.72	21.72	22.00	0
		50	0	20.83	20.76	20.70	21.00	1
		50	25	20.80	20.76	20.81	21.00	1
		50	50	20.72	20.77	20.77	21.00	1
		100	0	20.74	20.87	20.85	21.00	1
20	16-QAM	1	0	20.71	20.78	20.72	21.00	1
		1	50	20.77	20.81	20.77	21.00	1
		1	99	20.76	20.79	20.70	21.00	1
		50	0	19.81	19.82	19.74	20.00	2
		50	25	19.73	19.89	19.78	20.00	2
		50	50	19.68	19.78	19.79	20.00	2
		100	0	19.66	19.71	19.85	20.00	2
20	64-QAM	1	0	19.67	19.80	19.86	20.00	2
		1	50	19.70	19.90	19.69	20.00	2
		1	99	19.70	19.87	19.73	20.00	2
		50	0	18.74	18.73	18.78	19.00	3
		50	25	18.79	18.83	18.84	19.00	3
		50	50	18.73	18.77	18.83	19.00	3
		100	0	18.81	18.82	18.89	19.00	3
20	256-QAM	1	0	18.71	18.74	18.77	19.00	3
		1	50	18.67	18.89	18.82	19.00	3
		1	99	18.71	18.71	18.88	19.00	3
		50	0	17.78	17.89	17.84	18.00	4
		50	25	17.67	17.82	17.88	18.00	4
		50	50	17.78	17.72	17.72	18.00	4
		100	0	17.82	17.70	17.83	18.00	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	21.82	21.75	21.82	22.00	0
		1	36	21.83	21.74	21.76	22.00	0
		1	74	21.74	21.73	21.69	22.00	0
		36	0	20.72	20.87	20.76	21.00	1
		36	18	20.76	20.76	20.75	21.00	1
		36	37	20.74	20.74	20.76	21.00	1
		75	0	20.76	20.71	20.79	21.00	1
15	16-QAM	1	0	20.84	20.72	20.75	21.00	1
		1	36	20.71	20.72	20.88	21.00	1
		1	74	20.76	20.76	20.69	21.00	1
		36	0	19.72	19.78	19.79	20.00	2
		36	18	19.82	19.79	19.78	20.00	2
		36	37	19.72	19.77	19.74	20.00	2
		75	0	19.67	19.86	19.77	20.00	2
15	64-QAM	1	0	19.81	19.79	19.75	20.00	2
		1	36	19.71	19.87	19.76	20.00	2
		1	74	19.68	19.85	19.88	20.00	2
		36	0	18.76	18.80	18.83	19.00	3
		36	18	18.79	18.78	18.77	19.00	3
		36	37	18.84	18.76	18.89	19.00	3
		75	0	18.76	18.79	18.74	19.00	3
15	256-QAM	1	0	18.73	18.89	18.87	19.00	3
		1	36	18.67	18.87	18.87	19.00	3
		1	74	18.78	18.78	18.75	19.00	3
		36	0	17.80	17.77	17.84	18.00	4
		36	18	17.70	17.80	17.70	18.00	4
		36	37	17.80	17.79	17.71	18.00	4
		75	0	17.75	17.76	17.87	18.00	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	21.85	21.83	21.85	22.00	0
		1	25	21.81	21.80	21.89	22.00	0
		1	49	21.80	21.88	21.73	22.00	0
		25	0	20.85	20.89	20.77	21.00	1
		25	12	20.72	20.77	20.83	21.00	1
		25	25	20.78	20.71	20.88	21.00	1
		50	0	20.85	20.79	20.87	21.00	1
10	16-QAM	1	0	20.66	20.79	20.84	21.00	1
		1	25	20.85	20.70	20.79	21.00	1
		1	49	20.66	20.79	20.77	21.00	1
		25	0	19.78	19.75	19.72	20.00	2
		25	12	19.77	19.72	19.70	20.00	2
		25	25	19.85	19.85	19.71	20.00	2
		50	0	19.65	19.87	19.77	20.00	2
10	64-QAM	1	0	19.84	19.78	19.87	20.00	2
		1	25	19.83	19.84	19.80	20.00	2
		1	49	19.66	19.77	19.72	20.00	2
		25	0	18.70	18.72	18.74	19.00	3
		25	12	18.81	18.86	18.79	19.00	3
		25	25	18.71	18.77	18.72	19.00	3
		50	0	18.77	18.78	18.75	19.00	3
10	256-QAM	1	0	18.80	18.86	18.78	19.00	3
		1	25	18.79	18.77	18.74	19.00	3
		1	49	18.75	18.75	18.85	19.00	3
		25	0	17.75	17.87	17.77	18.00	4
		25	12	17.65	17.78	17.73	18.00	4
		25	25	17.69	17.84	17.87	18.00	4
		50	0	17.78	17.78	17.79	18.00	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	21.79	21.71	21.86	22.00	0
		1	12	21.70	21.89	21.79	22.00	0
		1	24	21.84	21.80	21.75	22.00	0
		12	0	20.76	20.75	20.78	21.00	1
		12	6	20.80	20.75	20.70	21.00	1
		12	13	20.68	20.81	20.85	21.00	1
		25	0	20.74	20.86	20.76	21.00	1
5	16-QAM	1	0	20.73	20.74	20.85	21.00	1
		1	12	20.73	20.85	20.85	21.00	1
		1	24	20.70	20.79	20.75	21.00	1
		12	0	19.75	19.78	19.78	20.00	2
		12	6	19.78	19.75	19.69	20.00	2
		12	13	19.68	19.81	19.86	20.00	2
		25	0	19.71	19.70	19.78	20.00	2
5	64-QAM	1	0	19.75	19.73	19.72	20.00	2
		1	12	19.78	19.83	19.83	20.00	2
		1	24	19.74	19.76	19.85	20.00	2
		12	0	18.72	18.84	18.79	19.00	3
		12	6	18.66	18.70	18.79	19.00	3
		12	13	18.74	18.73	18.74	19.00	3
		25	0	18.70	18.89	18.70	19.00	3
5	256-QAM	1	0	18.73	18.88	18.87	19.00	3
		1	12	18.74	18.75	18.83	19.00	3
		1	24	18.67	18.70	18.78	19.00	3
		12	0	17.72	17.82	17.78	18.00	4
		12	6	17.84	17.84	17.87	18.00	4
		12	13	17.68	17.75	17.81	18.00	4
		25	0	17.72	17.83	17.72	18.00	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)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	21.82	21.78	21.76	22.00	0
		1	7	21.68	21.72	21.84	22.00	0
		1	14	21.67	21.90	21.86	22.00	0
		8	0	20.75	20.74	20.79	21.00	1
		8	4	20.78	20.87	20.73	21.00	1
		8	7	20.78	20.77	20.86	21.00	1
		15	0	20.83	20.75	20.81	21.00	1
3	16-QAM	1	0	20.70	20.79	20.86	21.00	1
		1	7	20.68	20.83	20.72	21.00	1
		1	14	20.70	20.71	20.70	21.00	1
		8	0	19.75	19.73	19.73	20.00	2
		8	4	19.79	19.72	19.85	20.00	2
		8	7	19.65	19.81	19.77	20.00	2
		15	0	19.78	19.76	19.79	20.00	2
3	64-QAM	1	0	19.72	19.77	19.86	20.00	2
		1	7	19.70	19.87	19.80	20.00	2
		1	14	19.74	19.88	19.88	20.00	2
		8	0	18.75	18.72	18.87	19.00	3
		8	4	18.72	18.80	18.85	19.00	3
		8	7	18.78	18.75	18.73	19.00	3
		15	0	18.79	18.74	18.85	19.00	3
3	256-QAM	1	0	18.75	18.72	18.79	19.00	3
		1	7	18.65	18.86	18.85	19.00	3
		1	14	18.74	18.76	18.85	19.00	3
		8	0	17.71	17.87	17.74	18.00	4
		8	4	17.68	17.84	17.71	18.00	4
		8	7	17.72	17.74	17.84	18.00	4
		15	0	17.69	17.76	17.82	18.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	21.73	21.88	21.87	22.00	0
		1	2	21.66	21.83	21.77	22.00	0
		1	5	21.76	21.75	21.71	22.00	0
		3	0	21.81	21.74	21.75	22.00	0
		3	2	21.74	21.90	21.82	22.00	0
		3	3	21.68	21.86	21.87	22.00	0
		6	0	20.82	20.84	20.72	21.00	1
1.4	16-QAM	1	0	20.82	20.87	20.88	21.00	1
		1	2	20.68	20.81	20.75	21.00	1
		1	5	20.71	20.82	20.83	21.00	1
		3	0	20.80	20.88	20.82	21.00	1
		3	2	20.74	20.74	20.88	21.00	1
		3	3	20.73	20.86	20.73	21.00	1
		6	0	19.67	19.85	19.84	20.00	2
1.4	64-QAM	1	0	19.81	19.86	19.80	20.00	2
		1	2	19.79	19.72	19.78	20.00	2
		1	5	19.83	19.78	19.72	20.00	2
		3	0	19.68	19.71	19.82	20.00	2
		3	2	19.81	19.86	19.77	20.00	2
		3	3	19.68	19.74	19.83	20.00	2
		6	0	18.67	18.87	18.87	19.00	3
1.4	256-QAM	1	0	18.68	18.73	18.89	19.00	3
		1	2	18.74	18.71	18.76	19.00	3
		1	5	18.71	18.74	18.79	19.00	3
		3	0	18.79	18.86	18.80	19.00	3
		3	2	18.65	18.74	18.78	19.00	3
		3	3	18.84	18.84	18.73	19.00	3
		6	0	17.77	17.74	17.70	18.00	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	20.91	20.81	20.87	21.00	0
		1	50	20.83	20.76	20.83	21.00	0
		1	99	20.84	20.71	20.69	21.00	0
		50	0	19.70	19.71	19.80	20.00	1
		50	25	19.89	19.63	19.70	20.00	1
		50	50	19.90	19.78	19.73	20.00	1
		100	0	19.86	19.65	19.74	20.00	1
20	16-QAM	1	0	19.73	19.72	19.73	20.00	1
		1	50	19.80	19.79	19.73	20.00	1
		1	99	19.78	19.61	19.69	20.00	1
		50	0	18.86	18.72	18.85	19.00	2
		50	25	18.71	18.67	18.68	19.00	2
		50	50	18.84	18.70	18.80	19.00	2
		100	0	18.79	18.68	18.78	19.00	2
20	64-QAM	1	0	18.79	18.62	18.81	19.00	2
		1	50	18.88	18.67	18.69	19.00	2
		1	99	18.86	18.64	18.83	19.00	2
		50	0	17.80	17.79	17.78	18.00	3
		50	25	17.74	17.66	17.73	18.00	3
		50	50	17.73	17.63	17.74	18.00	3
		100	0	17.76	17.66	17.76	18.00	3
20	256-QAM	1	0	17.71	17.72	17.67	18.00	3
		1	50	17.82	17.68	17.66	18.00	3
		1	99	17.88	17.63	17.81	18.00	3
		50	0	16.72	16.77	16.80	17.00	4
		50	25	16.76	16.68	16.75	17.00	4
		50	50	16.78	16.60	16.70	17.00	4
		100	0	16.74	16.77	16.73	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	20.77	20.78	20.83	21.00	0
		1	36	20.83	20.76	20.78	21.00	0
		1	74	20.74	20.68	20.67	21.00	0
		36	0	19.75	19.73	19.76	20.00	1
		36	18	19.83	19.68	19.68	20.00	1
		36	37	19.89	19.69	19.72	20.00	1
		75	0	19.83	19.76	19.83	20.00	1
15	16-QAM	1	0	19.78	19.74	19.71	20.00	1
		1	36	19.90	19.74	19.70	20.00	1
		1	74	19.71	19.69	19.69	20.00	1
		36	0	18.77	18.63	18.67	19.00	2
		36	18	18.83	18.78	18.66	19.00	2
		36	37	18.83	18.70	18.77	19.00	2
		75	0	18.75	18.78	18.86	19.00	2
15	64-QAM	1	0	18.71	18.68	18.76	19.00	2
		1	36	18.84	18.66	18.80	19.00	2
		1	74	18.86	18.75	18.78	19.00	2
		36	0	17.85	17.62	17.79	18.00	3
		36	18	17.80	17.73	17.80	18.00	3
		36	37	17.78	17.65	17.72	18.00	3
		75	0	17.81	17.62	17.82	18.00	3
15	256-QAM	1	0	17.84	17.79	17.74	18.00	3
		1	36	17.86	17.70	17.86	18.00	3
		1	74	17.82	17.67	17.79	18.00	3
		36	0	16.84	16.74	16.66	17.00	4
		36	18	16.81	16.66	16.69	17.00	4
		36	37	16.79	16.62	16.77	17.00	4
		75	0	16.79	16.66	16.82	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)				1715	1732.5	1750		
Channel				20000	20175	20350		
10	QPSK	1	0	20.81	20.68	20.79	21.00	0
		1	25	20.74	20.77	20.76	21.00	0
		1	49	20.82	20.75	20.67	21.00	0
		25	0	19.76	19.68	19.85	20.00	1
		25	12	19.75	19.63	19.76	20.00	1
		25	25	19.70	19.76	19.84	20.00	1
		50	0	19.78	19.76	19.84	20.00	1
10	16-QAM	1	0	19.83	19.78	19.78	20.00	1
		1	25	19.70	19.64	19.72	20.00	1
		1	49	19.71	19.67	19.82	20.00	1
		25	0	18.88	18.79	18.84	19.00	2
		25	12	18.81	18.66	18.77	19.00	2
		25	25	18.81	18.71	18.78	19.00	2
		50	0	18.81	18.69	18.77	19.00	2
10	64-QAM	1	0	18.83	18.67	18.69	19.00	2
		1	25	18.72	18.65	18.82	19.00	2
		1	49	18.79	18.78	18.82	19.00	2
		25	0	17.80	17.63	17.69	18.00	3
		25	12	17.85	17.72	17.78	18.00	3
		25	25	17.79	17.70	17.77	18.00	3
		50	0	17.75	17.73	17.78	18.00	3
10	256-QAM	1	0	17.76	17.63	17.80	18.00	3
		1	25	17.88	17.71	17.69	18.00	3
		1	49	17.76	17.75	17.84	18.00	3
		25	0	16.75	16.79	16.75	17.00	4
		25	12	16.89	16.78	16.69	17.00	4
		25	25	16.85	16.76	16.75	17.00	4
		50	0	16.77	16.67	16.82	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)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	20.82	20.64	20.76	21.00	0
		1	12	20.76	20.63	20.69	21.00	0
		1	24	20.88	20.75	20.73	21.00	0
		12	0	19.86	19.72	19.72	20.00	1
		12	6	19.83	19.76	19.75	20.00	1
		12	13	19.81	19.62	19.81	20.00	1
		25	0	19.90	19.62	19.80	20.00	1
5	16-QAM	1	0	19.83	19.66	19.70	20.00	1
		1	12	19.75	19.63	19.83	20.00	1
		1	24	19.71	19.75	19.83	20.00	1
		12	0	18.84	18.73	18.85	19.00	2
		12	6	18.72	18.68	18.85	19.00	2
		12	13	18.82	18.70	18.72	19.00	2
		25	0	18.82	18.72	18.71	19.00	2
5	64-QAM	1	0	18.80	18.67	18.72	19.00	2
		1	12	18.72	18.77	18.79	19.00	2
		1	24	18.73	18.80	18.75	19.00	2
		12	0	17.84	17.71	17.81	18.00	3
		12	6	17.73	17.69	17.78	18.00	3
		12	13	17.87	17.74	17.66	18.00	3
		25	0	17.88	17.66	17.67	18.00	3
5	256-QAM	1	0	17.84	17.63	17.72	18.00	3
		1	12	17.77	17.68	17.71	18.00	3
		1	24	17.77	17.69	17.80	18.00	3
		12	0	16.84	16.69	16.68	17.00	4
		12	6	16.78	16.72	16.81	17.00	4
		12	13	16.77	16.75	16.79	17.00	4
		25	0	16.75	16.79	16.83	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)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	20.90	20.73	20.74	21.00	0
		1	7	20.78	20.64	20.82	21.00	0
		1	14	20.77	20.66	20.81	21.00	0
		8	0	19.83	19.65	19.83	20.00	1
		8	4	19.87	19.62	19.72	20.00	1
		8	7	19.79	19.78	19.70	20.00	1
		15	0	19.83	19.77	19.80	20.00	1
3	16-QAM	1	0	19.79	19.71	19.70	20.00	1
		1	7	19.76	19.65	19.80	20.00	1
		1	14	19.82	19.62	19.73	20.00	1
		8	0	18.79	18.64	18.77	19.00	2
		8	4	18.87	18.76	18.78	19.00	2
		8	7	18.87	18.65	18.71	19.00	2
		15	0	18.85	18.72	18.66	19.00	2
3	64-QAM	1	0	18.84	18.62	18.73	19.00	2
		1	7	18.77	18.64	18.85	19.00	2
		1	14	18.80	18.73	18.75	19.00	2
		8	0	17.74	17.74	17.85	18.00	3
		8	4	17.85	17.68	17.80	18.00	3
		8	7	17.83	17.72	17.79	18.00	3
		15	0	17.72	17.65	17.79	18.00	3
3	256-QAM	1	0	17.76	17.77	17.79	18.00	3
		1	7	17.87	17.65	17.74	18.00	3
		1	14	17.83	17.72	17.71	18.00	3
		8	0	16.87	16.62	16.70	17.00	4
		8	4	16.86	16.76	16.84	17.00	4
		8	7	16.86	16.63	16.84	17.00	4
		15	0	16.89	16.78	16.82	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)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	20.81	20.70	20.67	21.00	0
		1	2	20.77	20.71	20.76	21.00	0
		1	5	20.90	20.71	20.84	21.00	0
		3	0	20.88	20.77	20.81	21.00	0
		3	2	20.80	20.68	20.74	21.00	0
		3	3	20.88	20.74	20.69	21.00	0
		6	0	19.86	19.77	19.86	20.00	1
1.4	16-QAM	1	0	19.74	19.67	19.79	20.00	1
		1	2	19.75	19.65	19.77	20.00	1
		1	5	19.77	19.80	19.85	20.00	1
		3	0	19.85	19.72	19.78	20.00	1
		3	2	19.82	19.75	19.77	20.00	1
		3	3	19.74	19.65	19.68	20.00	1
		6	0	18.89	18.71	18.66	19.00	2
1.4	64-QAM	1	0	18.84	18.61	18.73	19.00	2
		1	2	18.82	18.76	18.70	19.00	2
		1	5	18.73	18.74	18.72	19.00	2
		3	0	18.87	18.65	18.67	19.00	2
		3	2	18.72	18.66	18.84	19.00	2
		3	3	18.76	18.62	18.69	19.00	2
		6	0	17.82	17.71	17.68	18.00	3
1.4	256-QAM	1	0	17.73	17.73	17.73	18.00	3
		1	2	17.82	17.74	17.82	18.00	3
		1	5	17.84	17.61	17.83	18.00	3
		3	0	17.87	17.66	17.68	18.00	3
		3	2	17.82	17.79	17.81	18.00	3
		3	3	17.86	17.70	17.85	18.00	3
		6	0	16.72	16.67	16.69	17.00	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	23.43	23.41	23.40	24.00	0
		1	25	23.24	23.34	23.23	24.00	0
		1	49	23.26	23.20	23.21	24.00	0
		25	0	22.23	22.21	22.35	23.00	1
		25	12	22.42	22.30	22.31	23.00	1
		25	25	22.38	22.22	22.22	23.00	1
		50	0	22.32	22.32	22.20	23.00	1
10	16-QAM	1	0	22.38	22.37	22.32	23.00	1
		1	25	22.31	22.39	22.27	23.00	1
		1	49	22.32	22.23	22.37	23.00	1
		25	0	21.37	21.35	21.29	22.00	2
		25	12	21.31	21.34	21.25	22.00	2
		25	25	21.29	21.36	21.24	22.00	2
		50	0	21.28	21.34	21.24	22.00	2
10	64-QAM	1	0	21.42	21.22	21.22	22.00	2
		1	25	21.27	21.37	21.29	22.00	2
		1	49	21.37	21.26	21.21	22.00	2
		25	0	20.28	20.38	20.39	21.00	3
		25	12	20.25	20.33	20.38	21.00	3
		25	25	20.37	20.29	20.26	21.00	3
		50	0	20.33	20.28	20.24	21.00	3
10	256-QAM	1	0	20.41	20.29	20.25	21.00	3
		1	25	20.28	20.39	20.33	21.00	3
		1	49	20.41	20.32	20.24	21.00	3
		25	0	19.34	19.39	19.21	20.00	4
		25	12	19.42	19.26	19.22	20.00	4
		25	25	19.30	19.34	19.38	20.00	4
		50	0	19.33	19.31	19.25	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)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	23.31	23.32	23.24	24.00	0
		1	12	23.36	23.35	23.26	24.00	0
		1	24	23.34	23.33	23.24	24.00	0
		12	0	22.41	22.40	22.21	23.00	1
		12	6	22.24	22.27	22.27	23.00	1
		12	13	22.37	22.30	22.22	23.00	1
		25	0	22.26	22.27	22.22	23.00	1
5	16-QAM	1	0	22.38	22.24	22.34	23.00	1
		1	12	22.38	22.25	22.27	23.00	1
		1	24	22.29	22.37	22.19	23.00	1
		12	0	21.25	21.31	21.22	22.00	2
		12	6	21.31	21.40	21.34	22.00	2
		12	13	21.25	21.30	21.22	22.00	2
		25	0	21.32	21.35	21.23	22.00	2
5	64-QAM	1	0	21.27	21.29	21.21	22.00	2
		1	12	21.24	21.24	21.33	22.00	2
		1	24	21.24	21.25	21.21	22.00	2
		12	0	20.30	20.23	20.25	21.00	3
		12	6	20.24	20.34	20.23	21.00	3
		12	13	20.42	20.33	20.27	21.00	3
		25	0	20.35	20.23	20.36	21.00	3
5	256-QAM	1	0	20.37	20.29	20.29	21.00	3
		1	12	20.36	20.35	20.34	21.00	3
		1	24	20.42	20.33	20.20	21.00	3
		12	0	19.24	19.32	19.26	20.00	4
		12	6	19.31	19.21	19.22	20.00	4
		12	13	19.24	19.22	19.30	20.00	4
		25	0	19.24	19.26	19.37	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)				825.5	836.5	847.5		
Channel				20415	20525	20635		
3	QPSK	1	0	23.39	23.40	23.26	24.00	0
		1	7	23.37	23.33	23.38	24.00	0
		1	14	23.39	23.40	23.23	24.00	0
		8	0	22.34	22.29	22.23	23.00	1
		8	4	22.34	22.30	22.23	23.00	1
		8	7	22.34	22.32	22.24	23.00	1
		15	0	22.37	22.38	22.31	23.00	1
3	16-QAM	1	0	22.32	22.31	22.22	23.00	1
		1	7	22.38	22.38	22.21	23.00	1
		1	14	22.27	22.25	22.22	23.00	1
		8	0	21.31	21.26	21.37	22.00	2
		8	4	21.30	21.36	21.22	22.00	2
		8	7	21.36	21.36	21.24	22.00	2
		15	0	21.41	21.27	21.25	22.00	2
3	64-QAM	1	0	21.36	21.37	21.33	22.00	2
		1	7	21.25	21.34	21.36	22.00	2
		1	14	21.23	21.33	21.26	22.00	2
		8	0	20.36	20.24	20.36	21.00	3
		8	4	20.35	20.31	20.24	21.00	3
		8	7	20.28	20.34	20.35	21.00	3
		15	0	20.32	20.29	20.31	21.00	3
3	256-QAM	1	0	20.24	20.30	20.27	21.00	3
		1	7	20.26	20.35	20.27	21.00	3
		1	14	20.39	20.34	20.23	21.00	3
		8	0	19.23	19.26	19.33	20.00	4
		8	4	19.33	19.31	19.33	20.00	4
		8	7	19.36	19.32	19.26	20.00	4
		15	0	19.31	19.26	19.36	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)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	23.30	23.25	23.23	24.00	0
		1	2	23.36	23.31	23.30	24.00	0
		1	5	23.36	23.27	23.29	24.00	0
		3	0	23.28	23.22	23.37	24.00	0
		3	2	23.26	23.26	23.33	24.00	0
		3	3	23.34	23.35	23.23	24.00	0
		6	0	22.29	22.29	22.24	23.00	1
1.4	16-QAM	1	0	22.40	22.25	22.33	23.00	1
		1	2	22.26	22.32	22.34	23.00	1
		1	5	22.33	22.25	22.37	23.00	1
		3	0	22.39	22.30	22.39	23.00	1
		3	2	22.39	22.34	22.29	23.00	1
		3	3	22.31	22.20	22.21	23.00	1
		6	0	21.27	21.31	21.25	22.00	2
1.4	64-QAM	1	0	21.29	21.30	21.29	22.00	2
		1	2	21.25	21.20	21.23	22.00	2
		1	5	21.25	21.28	21.30	22.00	2
		3	0	21.33	21.34	21.33	22.00	2
		3	2	21.33	21.26	21.22	22.00	2
		3	3	21.23	21.25	21.23	22.00	2
		6	0	20.27	20.26	20.23	21.00	3
1.4	256-QAM	1	0	20.40	20.22	20.20	21.00	3
		1	2	20.30	20.33	20.27	21.00	3
		1	5	20.32	20.24	20.24	21.00	3
		3	0	20.24	20.31	20.36	21.00	3
		3	2	20.36	20.29	20.22	21.00	3
		3	3	20.23	20.27	20.21	21.00	3
		6	0	19.31	19.26	19.34	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)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	20.49	20.45	20.48	20.50	0
		1	50	20.39	20.43	20.31	20.50	0
		1	99	20.43	20.26	20.41	20.50	0
		50	0	19.34	19.34	19.37	19.50	1
		50	25	19.39	19.35	19.33	19.50	1
		50	50	19.40	19.29	19.44	19.50	1
		100	0	19.42	19.35	19.36	19.50	1
20	16-QAM	1	0	19.40	19.36	19.47	19.50	1
		1	50	19.41	19.33	19.45	19.50	1
		1	99	19.39	19.34	19.44	19.50	1
		50	0	18.30	18.44	18.42	18.50	2
		50	25	18.28	18.40	18.38	18.50	2
		50	50	18.36	18.28	18.28	18.50	2
		100	0	18.32	18.38	18.40	18.50	2
20	64-QAM	1	0	18.34	18.29	18.41	18.50	2
		1	50	18.42	18.31	18.36	18.50	2
		1	99	18.36	18.25	18.38	18.50	2
		50	0	17.29	17.27	17.41	17.50	3
		50	25	17.47	17.39	17.43	17.50	3
		50	50	17.37	17.40	17.35	17.50	3
		100	0	17.30	17.36	17.45	17.50	3
20	256-QAM	1	0	17.41	17.41	17.46	17.50	3
		1	50	17.32	17.27	17.42	17.50	3
		1	99	17.29	17.37	17.40	17.50	3
		50	0	16.35	16.37	16.38	16.50	4
		50	25	16.28	16.35	16.39	16.50	4
		50	50	16.42	16.35	16.34	16.50	4
		100	0	16.35	16.40	16.37	16.50	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)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	20.32	20.29	20.43	20.50	0
		1	36	20.31	20.35	20.30	20.50	0
		1	74	20.37	20.42	20.46	20.50	0
		36	0	19.45	19.31	19.37	19.50	1
		36	18	19.29	19.43	19.30	19.50	1
		36	37	19.43	19.34	19.31	19.50	1
		75	0	19.35	19.41	19.38	19.50	1
15	16-QAM	1	0	19.48	19.28	19.34	19.50	1
		1	36	19.31	19.31	19.32	19.50	1
		1	74	19.42	19.33	19.44	19.50	1
		36	0	18.44	18.28	18.39	18.50	2
		36	18	18.33	18.32	18.31	18.50	2
		36	37	18.33	18.39	18.35	18.50	2
		75	0	18.30	18.28	18.30	18.50	2
15	64-QAM	1	0	18.28	18.40	18.37	18.50	2
		1	36	18.46	18.33	18.35	18.50	2
		1	74	18.43	18.36	18.34	18.50	2
		36	0	17.36	17.26	17.28	17.50	3
		36	18	17.30	17.34	17.31	17.50	3
		36	37	17.45	17.41	17.35	17.50	3
		75	0	17.35	17.42	17.28	17.50	3
15	256-QAM	1	0	17.37	17.36	17.35	17.50	3
		1	36	17.38	17.43	17.42	17.50	3
		1	74	17.42	17.43	17.37	17.50	3
		36	0	16.35	16.41	16.32	16.50	4
		36	18	16.31	16.38	16.28	16.50	4
		36	37	16.33	16.27	16.40	16.50	4
		75	0	16.31	16.38	16.35	16.50	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	20.40	20.43	20.31	20.50	0
		1	25	20.30	20.40	20.31	20.50	0
		1	49	20.30	20.36	20.40	20.50	0
		25	0	19.45	19.39	19.36	19.50	1
		25	12	19.39	19.34	19.41	19.50	1
		25	25	19.39	19.34	19.42	19.50	1
		50	0	19.41	19.30	19.31	19.50	1
10	16-QAM	1	0	19.33	19.42	19.32	19.50	1
		1	25	19.40	19.40	19.38	19.50	1
		1	49	19.45	19.30	19.33	19.50	1
		25	0	18.41	18.32	18.27	18.50	2
		25	12	18.42	18.33	18.32	18.50	2
		25	25	18.28	18.43	18.29	18.50	2
		50	0	18.46	18.31	18.42	18.50	2
10	64-QAM	1	0	18.33	18.41	18.28	18.50	2
		1	25	18.33	18.29	18.38	18.50	2
		1	49	18.32	18.25	18.37	18.50	2
		25	0	17.47	17.36	17.47	17.50	3
		25	12	17.47	17.24	17.30	17.50	3
		25	25	17.45	17.25	17.37	17.50	3
		50	0	17.42	17.36	17.27	17.50	3
10	256-QAM	1	0	17.45	17.27	17.35	17.50	3
		1	25	17.39	17.32	17.46	17.50	3
		1	49	17.39	17.31	17.41	17.50	3
		25	0	16.46	16.41	16.29	16.50	4
		25	12	16.37	16.41	16.35	16.50	4
		25	25	16.41	16.41	16.35	16.50	4
		50	0	16.40	16.39	16.36	16.50	4

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	20.46	20.26	20.36	20.50	0
		1	12	20.30	20.29	20.38	20.50	0
		1	24	20.38	20.39	20.45	20.50	0
		12	0	19.38	19.36	19.35	19.50	1
		12	6	19.42	19.36	19.38	19.50	1
		12	13	19.33	19.38	19.42	19.50	1
		25	0	19.45	19.37	19.47	19.50	1
5	16-QAM	1	0	19.42	19.33	19.31	19.50	1
		1	12	19.48	19.27	19.27	19.50	1
		1	24	19.43	19.34	19.38	19.50	1
		12	0	18.29	18.43	18.37	18.50	2
		12	6	18.41	18.36	18.44	18.50	2
		12	13	18.47	18.27	18.39	18.50	2
		25	0	18.32	18.32	18.42	18.50	2
5	64-QAM	1	0	18.33	18.35	18.37	18.50	2
		1	12	18.43	18.39	18.44	18.50	2
		1	24	18.42	18.36	18.36	18.50	2
		12	0	17.30	17.31	17.37	17.50	3
		12	6	17.43	17.38	17.44	17.50	3
		12	13	17.41	17.39	17.29	17.50	3
		25	0	17.31	17.43	17.31	17.50	3
5	256-QAM	1	0	17.39	17.34	17.30	17.50	3
		1	12	17.43	17.33	17.27	17.50	3
		1	24	17.44	17.26	17.27	17.50	3
		12	0	16.40	16.31	16.46	16.50	4
		12	6	16.30	16.33	16.40	16.50	4
		12	13	16.28	16.41	16.40	16.50	4
		25	0	16.45	16.42	16.38	16.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				704	707.5	711		
Channel				23060	23095	23130		
10	QPSK	1	0	21.50	21.56	21.62	22.50	0
		1	25	21.38	21.51	21.44	22.50	0
		1	49	21.36	21.43	21.58	22.50	0
		25	0	20.38	20.36	20.54	21.50	1
		25	12	20.44	20.54	20.59	21.50	1
		25	25	20.36	20.45	20.46	21.50	1
		50	0	20.30	20.47	20.55	21.50	1
10	16-QAM	1	0	20.36	20.55	20.52	21.50	1
		1	25	20.29	20.37	20.45	21.50	1
		1	49	20.38	20.51	20.60	21.50	1
		25	0	19.34	19.37	19.53	20.50	2
		25	12	19.40	19.52	19.54	20.50	2
		25	25	19.38	19.44	19.56	20.50	2
		50	0	19.44	19.38	19.49	20.50	2
10	64-QAM	1	0	19.45	19.40	19.48	20.50	2
		1	25	19.35	19.39	19.43	20.50	2
		1	49	19.35	19.38	19.51	20.50	2
		25	0	18.36	18.41	18.52	19.50	3
		25	12	18.48	18.43	18.48	19.50	3
		25	25	18.48	18.48	18.45	19.50	3
		50	0	18.47	18.40	18.54	19.50	3
10	256-QAM	1	0	18.30	18.40	18.54	19.50	3
		1	25	18.30	18.54	18.41	19.50	3
		1	49	18.32	18.44	18.57	19.50	3
		25	0	17.35	17.46	17.53	18.50	4
		25	12	17.30	17.50	17.57	18.50	4
		25	25	17.49	17.41	17.44	18.50	4
		50	0	17.40	17.44	17.60	18.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				23035	23095	23155		
5	QPSK	1	0	21.47	21.37	21.47	22.50	0
		1	12	21.47	21.47	21.51	22.50	0
		1	24	21.40	21.40	21.54	22.50	0
		12	0	20.30	20.52	20.60	21.50	1
		12	6	20.30	20.50	20.44	21.50	1
		12	13	20.36	20.45	20.56	21.50	1
		25	0	20.40	20.52	20.52	21.50	1
5	16-QAM	1	0	20.31	20.52	20.42	21.50	1
		1	12	20.47	20.38	20.49	21.50	1
		1	24	20.45	20.53	20.55	21.50	1
		12	0	19.44	19.41	19.53	20.50	2
		12	6	19.29	19.40	19.54	20.50	2
		12	13	19.41	19.39	19.58	20.50	2
		25	0	19.34	19.42	19.43	20.50	2
5	64-QAM	1	0	19.41	19.54	19.46	20.50	2
		1	12	19.33	19.47	19.52	20.50	2
		1	24	19.48	19.52	19.41	20.50	2
		12	0	18.48	18.50	18.59	19.50	3
		12	6	18.41	18.51	18.54	19.50	3
		12	13	18.49	18.55	18.51	19.50	3
		25	0	18.30	18.49	18.58	19.50	3
5	256-QAM	1	0	18.34	18.35	18.57	19.50	3
		1	12	18.30	18.44	18.57	19.50	3
		1	24	18.44	18.38	18.55	19.50	3
		12	0	17.47	17.41	17.52	18.50	4
		12	6	17.40	17.45	17.41	18.50	4
		12	13	17.34	17.44	17.55	18.50	4
		25	0	17.47	17.53	17.42	18.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				700.5	707.5	714.5		
Channel				23025	23095	23165		
3	QPSK	1	0	21.46	21.48	21.57	22.50	0
		1	7	21.45	21.52	21.55	22.50	0
		1	14	21.33	21.45	21.61	22.50	0
		8	0	20.38	20.42	20.60	21.50	1
		8	4	20.31	20.46	20.56	21.50	1
		8	7	20.32	20.37	20.59	21.50	1
		15	0	20.40	20.36	20.46	21.50	1
3	16-QAM	1	0	20.34	20.46	20.48	21.50	1
		1	7	20.39	20.51	20.56	21.50	1
		1	14	20.41	20.43	20.50	21.50	1
		8	0	19.33	19.41	19.46	20.50	2
		8	4	19.40	19.50	19.45	20.50	2
		8	7	19.44	19.41	19.56	20.50	2
		15	0	19.38	19.43	19.57	20.50	2
3	64-QAM	1	0	19.32	19.35	19.54	20.50	2
		1	7	19.35	19.49	19.45	20.50	2
		1	14	19.38	19.35	19.44	20.50	2
		8	0	18.31	18.48	18.60	19.50	3
		8	4	18.45	18.52	18.48	19.50	3
		8	7	18.39	18.48	18.51	19.50	3
		15	0	18.45	18.48	18.59	19.50	3
3	256-QAM	1	0	18.35	18.37	18.54	19.50	3
		1	7	18.32	18.52	18.49	19.50	3
		1	14	18.30	18.44	18.49	19.50	3
		8	0	17.32	17.46	17.48	18.50	4
		8	4	17.31	17.47	17.60	18.50	4
		8	7	17.33	17.39	17.51	18.50	4
		15	0	17.30	17.47	17.59	18.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	21.47	21.41	21.46	22.50	0
		1	2	21.33	21.42	21.43	22.50	0
		1	5	21.36	21.48	21.54	22.50	0
		3	0	21.46	21.50	21.47	22.50	0
		3	2	21.44	21.40	21.58	22.50	0
		3	3	21.36	21.37	21.47	22.50	0
		6	0	20.30	20.38	20.57	21.50	1
1.4	16-QAM	1	0	20.29	20.53	20.53	21.50	1
		1	2	20.32	20.52	20.57	21.50	1
		1	5	20.42	20.39	20.57	21.50	1
		3	0	20.41	20.50	20.47	21.50	1
		3	2	20.32	20.54	20.58	21.50	1
		3	3	20.39	20.50	20.60	21.50	1
		6	0	19.49	19.36	19.59	20.50	2
1.4	64-QAM	1	0	19.40	19.42	19.51	20.50	2
		1	2	19.30	19.54	19.58	20.50	2
		1	5	19.41	19.53	19.56	20.50	2
		3	0	19.37	19.51	19.43	20.50	2
		3	2	19.39	19.49	19.55	20.50	2
		3	3	19.45	19.39	19.42	20.50	2
		6	0	18.44	18.51	18.59	19.50	3
1.4	256-QAM	1	0	18.30	18.54	18.55	19.50	3
		1	2	18.41	18.44	18.57	19.50	3
		1	5	18.40	18.42	18.61	19.50	3
		3	0	18.38	18.45	18.57	19.50	3
		3	2	18.32	18.52	18.51	19.50	3
		3	3	18.34	18.54	18.47	19.50	3
		6	0	17.34	17.50	17.54	18.50	4

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					782			
Channel					23230			
10	QPSK	1	0		22.45		22.50	0
		1	25		22.32		22.50	0
		1	49		22.44		22.50	0
		25	0		21.27		21.50	1
		25	12		21.29		21.50	1
		25	25		21.24		21.50	1
		50	0		21.32		21.50	1
10	16-QAM	1	0		21.25		21.50	1
		1	25		21.37		21.50	1
		1	49		21.39		21.50	1
		25	0		20.28		20.50	2
		25	12		20.28		20.50	2
		25	25		20.35		20.50	2
		50	0		20.34		20.50	2
10	64-QAM	1	0		20.30		20.50	2
		1	25		20.38		20.50	2
		1	49		20.42		20.50	2
		25	0		19.41		19.50	3
		25	12		19.31		19.50	3
		25	25		19.33		19.50	3
		50	0		19.34		19.50	3
10	256-QAM	1	0		19.38		19.50	3
		1	25		19.32		19.50	3
		1	49		19.43		19.50	3
		25	0		18.37		18.50	4
		25	12		18.26		18.50	4
		25	25		18.39		18.50	4
		50	0		18.41		18.50	4

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				779.5	782	784.5		
Channel				23205	23230	23255		
5	QPSK	1	0	22.37	22.26	22.22	22.50	0
		1	12	22.33	22.27	22.32	22.50	0
		1	24	22.29	22.25	22.40	22.50	0
		12	0	21.25	21.34	21.22	21.50	1
		12	6	21.25	21.44	21.35	21.50	1
		12	13	21.34	21.33	21.30	21.50	1
		25	0	21.29	21.29	21.27	21.50	1
5	16-QAM	1	0	21.30	21.24	21.34	21.50	1
		1	12	21.35	21.37	21.40	21.50	1
		1	24	21.31	21.41	21.28	21.50	1
		12	0	20.29	20.37	20.39	20.50	2
		12	6	20.37	20.42	20.39	20.50	2
		12	13	20.34	20.26	20.25	20.50	2
		25	0	20.24	20.32	20.37	20.50	2
5	64-QAM	1	0	20.25	20.26	20.29	20.50	2
		1	12	20.41	20.43	20.36	20.50	2
		1	24	20.27	20.31	20.23	20.50	2
		12	0	19.27	19.29	19.24	19.50	3
		12	6	19.33	19.29	19.22	19.50	3
		12	13	19.24	19.25	19.29	19.50	3
		25	0	19.24	19.36	19.27	19.50	3
5	256-QAM	1	0	19.29	19.38	19.32	19.50	3
		1	12	19.38	19.39	19.29	19.50	3
		1	24	19.24	19.38	19.31	19.50	3
		12	0	18.26	18.36	18.30	18.50	4
		12	6	18.41	18.27	18.40	18.50	4
		12	13	18.25	18.34	18.22	18.50	4
		25	0	18.38	18.36	18.30	18.50	4

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LTE Band 14								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					793			
Channel					23330			
10	QPSK	1	0		23.38		24.00	0
		1	25		23.33		24.00	0
		1	49		23.23		24.00	0
		25	0		22.25		23.00	1
		25	12		22.19		23.00	1
		25	25		22.16		23.00	1
		50	0		22.24		23.00	1
10	16-QAM	1	0		22.24		23.00	1
		1	25		22.16		23.00	1
		1	49		22.19		23.00	1
		25	0		21.25		22.00	2
		25	12		21.28		22.00	2
		25	25		21.26		22.00	2
		50	0		21.15		22.00	2
10	64-QAM	1	0		21.21		22.00	2
		1	25		21.31		22.00	2
		1	49		21.26		22.00	2
		25	0		20.16		21.00	3
		25	12		20.26		21.00	3
		25	25		20.18		21.00	3
		50	0		20.21		21.00	3
10	256-QAM	1	0		20.30		21.00	3
		1	25		20.30		21.00	3
		1	49		20.21		21.00	3
		25	0		19.33		20.00	4
		25	12		19.19		20.00	4
		25	25		19.28		20.00	4
		50	0		19.14		20.00	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	23.27	23.21	23.12	24.00	0
		1	12	23.19	23.14	23.20	24.00	0
		1	24	23.19	23.23	23.29	24.00	0
		12	0	22.18	22.19	22.19	23.00	1
		12	6	22.19	22.21	22.23	23.00	1
		12	13	22.13	22.18	22.21	23.00	1
		25	0	22.22	22.34	22.28	23.00	1
5	16-QAM	1	0	22.26	22.16	22.27	23.00	1
		1	12	22.15	22.16	22.13	23.00	1
		1	24	22.21	22.28	22.25	23.00	1
		12	0	21.18	21.14	21.26	22.00	2
		12	6	21.19	21.14	21.28	22.00	2
		12	13	21.20	21.28	21.14	22.00	2
		25	0	21.19	21.27	21.14	22.00	2
5	64-QAM	1	0	21.13	21.14	21.19	22.00	2
		1	12	21.20	21.18	21.13	22.00	2
		1	24	21.28	21.20	21.29	22.00	2
		12	0	20.30	20.25	20.13	21.00	3
		12	6	20.31	20.30	20.29	21.00	3
		12	13	20.18	20.32	20.17	21.00	3
		25	0	20.17	20.14	20.19	21.00	3
5	256-QAM	1	0	20.25	20.17	20.12	21.00	3
		1	12	20.22	20.32	20.26	21.00	3
		1	24	20.23	20.23	20.23	21.00	3
		12	0	19.15	19.27	19.17	20.00	4
		12	6	19.22	19.29	19.17	20.00	4
		12	13	19.29	19.33	19.12	20.00	4
		25	0	19.15	19.31	19.16	20.00	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	22.47	22.45	22.49	22.50	0
		1	25	22.37	22.36	22.32	22.50	0
		1	49	22.37	22.44	22.34	22.50	0
		25	0	21.41	21.27	21.47	21.50	1
		25	12	21.45	21.39	21.36	21.50	1
		25	25	21.34	21.41	21.41	21.50	1
		50	0	21.30	21.37	21.46	21.50	1
10	16-QAM	1	0	21.34	21.26	21.40	21.50	1
		1	25	21.43	21.31	21.44	21.50	1
		1	49	21.32	21.25	21.35	21.50	1
		25	0	20.33	20.34	20.33	20.50	2
		25	12	20.35	20.40	20.46	20.50	2
		25	25	20.33	20.43	20.35	20.50	2
		50	0	20.29	20.40	20.38	20.50	2
10	64-QAM	1	0	20.30	20.42	20.35	20.50	2
		1	25	20.45	20.28	20.32	20.50	2
		1	49	20.27	20.38	20.47	20.50	2
		25	0	19.39	19.36	19.35	19.50	3
		25	12	19.26	19.31	19.31	19.50	3
		25	25	19.31	19.28	19.46	19.50	3
		50	0	19.36	19.34	19.44	19.50	3
10	256-QAM	1	0	19.40	19.30	19.37	19.50	3
		1	25	19.26	19.39	19.40	19.50	3
		1	49	19.29	19.41	19.47	19.50	3
		25	0	18.31	18.44	18.29	18.50	4
		25	12	18.38	18.38	18.44	18.50	4
		25	25	18.36	18.29	18.34	18.50	4
		50	0	18.36	18.37	18.41	18.50	4

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	710	713.5		
Channel				23755	23790	23825		
5	QPSK	1	0	22.36	22.42	22.33	22.50	0
		1	12	22.45	22.38	22.30	22.50	0
		1	24	22.36	22.28	22.32	22.50	0
		12	0	21.34	21.34	21.30	21.50	1
		12	6	21.39	21.25	21.38	21.50	1
		12	13	21.38	21.39	21.41	21.50	1
		25	0	21.43	21.40	21.32	21.50	1
5	16-QAM	1	0	21.39	21.38	21.38	21.50	1
		1	12	21.30	21.27	21.46	21.50	1
		1	24	21.31	21.36	21.44	21.50	1
		12	0	20.44	20.39	20.32	20.50	2
		12	6	20.36	20.27	20.46	20.50	2
		12	13	20.43	20.32	20.42	20.50	2
		25	0	20.39	20.27	20.39	20.50	2
5	64-QAM	1	0	20.43	20.27	20.46	20.50	2
		1	12	20.33	20.42	20.39	20.50	2
		1	24	20.41	20.31	20.36	20.50	2
		12	0	19.43	19.33	19.33	19.50	3
		12	6	19.29	19.30	19.47	19.50	3
		12	13	19.43	19.35	19.31	19.50	3
		25	0	19.30	19.30	19.37	19.50	3
5	256-QAM	1	0	19.39	19.34	19.45	19.50	3
		1	12	19.45	19.39	19.47	19.50	3
		1	24	19.29	19.39	19.43	19.50	3
		12	0	18.33	18.28	18.44	18.50	4
		12	6	18.26	18.35	18.36	18.50	4
		12	13	18.29	18.26	18.38	18.50	4
		25	0	18.39	18.24	18.41	18.50	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	21.27	21.97	21.94	22.50	0
		1	50	21.14	21.87	21.89	22.50	0
		1	99	21.26	21.85	21.82	22.50	0
		50	0	20.20	20.80	20.78	21.50	1
		50	25	20.16	20.86	20.85	21.50	1
		50	50	20.07	20.89	20.88	21.50	1
		100	0	20.17	20.95	20.88	21.50	1
20	16-QAM	1	0	20.21	20.87	20.92	21.50	1
		1	50	20.09	20.92	20.83	21.50	1
		1	99	20.20	20.77	20.78	21.50	1
		50	0	19.14	19.81	19.81	20.50	2
		50	25	19.08	19.82	19.78	20.50	2
		50	50	19.08	19.88	19.86	20.50	2
		100	0	19.20	19.80	19.74	20.50	2
20	64-QAM	1	0	19.14	19.92	19.76	20.50	2
		1	50	19.18	19.89	19.76	20.50	2
		1	99	19.08	19.83	19.91	20.50	2
		50	0	18.08	18.95	18.87	19.50	3
		50	25	18.23	18.93	18.77	19.50	3
		50	50	18.15	18.88	18.90	19.50	3
		100	0	18.11	18.87	18.75	19.50	3
20	256-QAM	1	0	18.22	18.84	18.91	19.50	3
		1	50	18.23	18.95	18.74	19.50	3
		1	99	18.26	18.96	18.83	19.50	3
		50	0	17.23	17.94	17.85	18.50	4
		50	25	17.10	17.87	17.84	18.50	4
		50	50	17.09	17.96	17.82	18.50	4
		100	0	17.14	17.87	17.87	18.50	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	21.22	21.89	21.93	22.50	0
		1	36	21.17	21.84	21.77	22.50	0
		1	74	21.11	21.90	21.90	22.50	0
		36	0	20.11	20.82	20.84	21.50	1
		36	18	20.17	20.93	20.85	21.50	1
		36	37	20.17	20.87	20.74	21.50	1
		75	0	20.19	20.77	20.86	21.50	1
15	16-QAM	1	0	20.08	20.78	20.81	21.50	1
		1	36	20.16	20.84	20.88	21.50	1
		1	74	20.19	20.87	20.87	21.50	1
		36	0	19.07	19.81	19.76	20.50	2
		36	18	19.14	19.90	19.74	20.50	2
		36	37	19.09	19.94	19.91	20.50	2
		75	0	19.07	19.83	19.93	20.50	2
15	64-QAM	1	0	19.24	19.82	19.75	20.50	2
		1	36	19.22	19.89	19.75	20.50	2
		1	74	19.16	19.87	19.85	20.50	2
		36	0	18.09	18.94	18.82	19.50	3
		36	18	18.12	18.87	18.74	19.50	3
		36	37	18.09	18.95	18.92	19.50	3
		75	0	18.11	18.77	18.79	19.50	3
15	256-QAM	1	0	18.20	18.95	18.90	19.50	3
		1	36	18.13	18.95	18.80	19.50	3
		1	74	18.15	18.95	18.75	19.50	3
		36	0	17.24	17.87	17.82	18.50	4
		36	18	17.23	17.89	17.80	18.50	4
		36	37	17.14	17.90	17.81	18.50	4
		75	0	17.19	17.95	17.83	18.50	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	21.12	21.90	21.88	22.50	0
		1	25	21.13	21.79	21.82	22.50	0
		1	49	21.11	21.93	21.84	22.50	0
		25	0	20.24	20.89	20.84	21.50	1
		25	12	20.21	20.86	20.86	21.50	1
		25	25	20.22	20.95	20.73	21.50	1
		50	0	20.23	20.92	20.81	21.50	1
10	16-QAM	1	0	20.16	20.86	20.73	21.50	1
		1	25	20.19	20.92	20.86	21.50	1
		1	49	20.09	20.82	20.78	21.50	1
		25	0	19.20	19.89	19.81	20.50	2
		25	12	19.24	19.93	19.80	20.50	2
		25	25	19.08	19.94	19.89	20.50	2
		50	0	19.22	19.88	19.77	20.50	2
10	64-QAM	1	0	19.10	19.82	19.93	20.50	2
		1	25	19.18	19.95	19.85	20.50	2
		1	49	19.23	19.76	19.76	20.50	2
		25	0	18.14	18.77	18.80	19.50	3
		25	12	18.06	18.86	18.90	19.50	3
		25	25	18.14	18.90	18.89	19.50	3
		50	0	18.21	18.95	18.92	19.50	3
10	256-QAM	1	0	18.25	18.83	18.82	19.50	3
		1	25	18.20	18.77	18.81	19.50	3
		1	49	18.10	18.84	18.76	19.50	3
		25	0	17.26	17.82	17.80	18.50	4
		25	12	17.15	17.93	17.84	18.50	4
		25	25	17.19	17.96	17.81	18.50	4
		50	0	17.06	17.95	17.85	18.50	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	21.21	21.96	21.88	22.50	0
		1	12	21.18	21.80	21.90	22.50	0
		1	24	21.15	21.88	21.91	22.50	0
		12	0	20.13	20.76	20.83	21.50	1
		12	6	20.18	20.94	20.92	21.50	1
		12	13	20.17	20.93	20.85	21.50	1
		25	0	20.24	20.84	20.89	21.50	1
5	16-QAM	1	0	20.22	20.88	20.76	21.50	1
		1	12	20.15	20.86	20.77	21.50	1
		1	24	20.10	20.80	20.82	21.50	1
		12	0	19.08	19.81	19.77	20.50	2
		12	6	19.07	19.90	19.92	20.50	2
		12	13	19.23	19.88	19.88	20.50	2
		25	0	19.24	19.86	19.87	20.50	2
5	64-QAM	1	0	19.14	19.81	19.82	20.50	2
		1	12	19.15	19.77	19.77	20.50	2
		1	24	19.21	19.93	19.88	20.50	2
		12	0	18.20	18.83	18.83	19.50	3
		12	6	18.06	18.88	18.83	19.50	3
		12	13	18.26	18.80	18.78	19.50	3
		25	0	18.10	18.87	18.88	19.50	3
5	256-QAM	1	0	18.10	18.91	18.84	19.50	3
		1	12	18.17	18.77	18.93	19.50	3
		1	24	18.16	18.95	18.93	19.50	3
		12	0	17.22	17.92	17.84	18.50	4
		12	6	17.20	17.91	17.83	18.50	4
		12	13	17.15	17.87	17.86	18.50	4
		25	0	17.07	17.95	17.89	18.50	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	21.09	21.88	21.78	22.50	0
		1	7	21.14	21.86	21.90	22.50	0
		1	14	21.23	21.83	21.80	22.50	0
		8	0	20.18	20.79	20.75	21.50	1
		8	4	20.17	20.80	20.76	21.50	1
		8	7	20.23	20.87	20.80	21.50	1
		15	0	20.07	20.94	20.84	21.50	1
3	16-QAM	1	0	20.09	20.95	20.82	21.50	1
		1	7	20.13	20.80	20.87	21.50	1
		1	14	20.08	20.85	20.76	21.50	1
		8	0	19.17	19.83	19.84	20.50	2
		8	4	19.24	19.82	19.78	20.50	2
		8	7	19.13	19.92	19.84	20.50	2
		15	0	19.18	19.80	19.79	20.50	2
3	64-QAM	1	0	19.17	19.92	19.82	20.50	2
		1	7	19.22	19.81	19.85	20.50	2
		1	14	19.17	19.85	19.75	20.50	2
		8	0	18.09	18.82	18.91	19.50	3
		8	4	18.24	18.84	18.75	19.50	3
		8	7	18.22	18.91	18.80	19.50	3
		15	0	18.24	18.93	18.83	19.50	3
3	256-QAM	1	0	18.08	18.80	18.73	19.50	3
		1	7	18.21	18.90	18.77	19.50	3
		1	14	18.18	18.89	18.75	19.50	3
		8	0	17.11	17.88	17.77	18.50	4
		8	4	17.12	17.81	17.90	18.50	4
		8	7	17.08	17.95	17.79	18.50	4
		15	0	17.18	17.84	17.82	18.50	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	21.19	21.77	21.78	22.50	0
		1	2	21.09	21.85	21.86	22.50	0
		1	5	21.10	21.96	21.88	22.50	0
		3	0	21.13	21.81	21.83	22.50	0
		3	2	21.18	21.89	21.85	22.50	0
		3	3	21.14	21.94	21.92	22.50	0
		6	0	20.20	20.84	20.85	21.50	1
1.4	16-QAM	1	0	20.21	20.94	20.90	21.50	1
		1	2	20.06	20.93	20.84	21.50	1
		1	5	20.10	20.94	20.83	21.50	1
		3	0	20.07	20.78	20.93	21.50	1
		3	2	20.24	20.80	20.84	21.50	1
		3	3	20.24	20.86	20.90	21.50	1
		6	0	19.11	19.94	19.84	20.50	2
1.4	64-QAM	1	0	19.14	19.95	19.91	20.50	2
		1	2	19.21	19.92	19.92	20.50	2
		1	5	19.10	19.91	19.88	20.50	2
		3	0	19.07	19.91	19.79	20.50	2
		3	2	19.12	19.77	19.89	20.50	2
		3	3	19.17	19.95	19.90	20.50	2
		6	0	18.25	18.93	18.87	19.50	3
1.4	256-QAM	1	0	18.15	18.93	18.79	19.50	3
		1	2	18.13	18.76	18.90	19.50	3
		1	5	18.22	18.82	18.85	19.50	3
		3	0	18.12	18.92	18.76	19.50	3
		3	2	18.18	18.87	18.85	19.50	3
		3	3	18.25	18.80	18.86	19.50	3
		6	0	17.21	17.82	17.78	18.50	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	23.22	23.16	23.14	24.00	0
		1	36	23.17	23.11	23.13	24.00	0
		1	74	23.12	23.01	23.11	24.00	0
		36	0	22.16	21.97	22.07	23.00	1
		36	18	22.04	22.14	22.11	23.00	1
		36	37	22.04	21.95	22.10	23.00	1
		75	0	22.02	22.05	21.95	23.00	1
15	16-QAM	1	0	22.02	22.00	22.06	23.00	1
		1	36	22.10	22.11	22.04	23.00	1
		1	74	22.18	21.96	22.13	23.00	1
		36	0	21.11	21.04	21.09	22.00	2
		36	18	21.16	21.09	20.98	22.00	2
		36	37	21.07	21.02	20.99	22.00	2
		75	0	21.04	21.02	20.96	22.00	2
15	64-QAM	1	0	21.05	21.07	21.12	22.00	2
		1	36	21.08	20.97	21.10	22.00	2
		1	74	21.10	21.15	21.02	22.00	2
		36	0	20.14	20.13	20.05	21.00	3
		36	18	20.21	19.98	19.98	21.00	3
		36	37	20.14	20.02	20.13	21.00	3
		75	0	20.18	20.03	19.96	21.00	3
15	256-QAM	1	0	20.12	20.08	19.99	21.00	3
		1	36	20.15	20.14	20.06	21.00	3
		1	74	20.12	20.01	19.97	21.00	3
		36	0	19.16	19.10	18.95	20.00	4
		36	18	19.13	18.98	18.98	20.00	4
		36	37	19.12	19.05	19.09	20.00	4
		75	0	19.11	18.96	19.12	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)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	23.01	23.00	23.01	24.00	0
		1	25	23.09	22.97	23.03	24.00	0
		1	49	23.09	23.04	23.07	24.00	0
		25	0	22.10	22.07	21.99	23.00	1
		25	12	22.15	22.04	22.12	23.00	1
		25	25	22.14	22.00	22.05	23.00	1
		50	0	22.09	22.03	22.07	23.00	1
10	16-QAM	1	0	22.13	21.98	22.11	23.00	1
		1	25	22.15	22.07	22.07	23.00	1
		1	49	22.05	22.14	22.04	23.00	1
		25	0	21.08	21.12	21.10	22.00	2
		25	12	21.16	21.10	21.00	22.00	2
		25	25	21.11	21.14	21.01	22.00	2
		50	0	21.21	21.11	21.02	22.00	2
10	64-QAM	1	0	21.16	21.03	21.01	22.00	2
		1	25	21.21	21.01	21.02	22.00	2
		1	49	21.08	21.05	21.09	22.00	2
		25	0	20.15	20.08	20.08	21.00	3
		25	12	20.15	19.99	20.01	21.00	3
		25	25	20.15	20.06	20.06	21.00	3
		50	0	20.18	19.99	20.11	21.00	3
10	256-QAM	1	0	20.05	20.10	20.09	21.00	3
		1	25	20.13	20.06	20.00	21.00	3
		1	49	20.02	20.11	20.01	21.00	3
		25	0	19.20	19.03	18.99	20.00	4
		25	12	19.10	19.02	18.93	20.00	4
		25	25	19.09	19.13	19.05	20.00	4
		50	0	19.16	19.02	19.06	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)				816.5	831.5	846.5		
Channel				26715	26865	27015		
5	QPSK	1	0	23.17	23.07	22.99	24.00	0
		1	12	23.03	23.08	23.04	24.00	0
		1	24	23.10	22.96	22.94	24.00	0
		12	0	22.08	21.98	22.03	23.00	1
		12	6	22.20	22.12	21.97	23.00	1
		12	13	22.04	21.99	22.11	23.00	1
		25	0	22.19	22.10	22.09	23.00	1
5	16-QAM	1	0	22.01	22.11	22.08	23.00	1
		1	12	22.10	22.01	21.94	23.00	1
		1	24	22.11	22.07	22.07	23.00	1
		12	0	21.07	21.10	20.97	22.00	2
		12	6	21.09	21.14	21.12	22.00	2
		12	13	21.08	21.11	21.04	22.00	2
		25	0	21.17	21.02	21.09	22.00	2
5	64-QAM	1	0	21.16	21.06	20.95	22.00	2
		1	12	21.09	20.97	21.01	22.00	2
		1	24	21.03	21.13	20.98	22.00	2
		12	0	20.15	20.08	20.06	21.00	3
		12	6	20.08	20.03	20.12	21.00	3
		12	13	20.06	20.11	19.95	21.00	3
		25	0	20.09	20.03	20.11	21.00	3
5	256-QAM	1	0	20.21	20.04	20.00	21.00	3
		1	12	20.06	20.09	19.97	21.00	3
		1	24	20.12	20.00	20.03	21.00	3
		12	0	19.20	19.12	18.95	20.00	4
		12	6	19.12	19.07	18.95	20.00	4
		12	13	19.19	19.06	18.98	20.00	4
		25	0	19.11	18.98	19.05	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)				815.5	831.5	847.5		
Channel				26705	26865	27025		
3	QPSK	1	0	23.04	23.11	23.05	24.00	0
		1	7	23.18	23.03	22.96	24.00	0
		1	14	23.17	22.95	22.94	24.00	0
		8	0	22.19	22.08	22.04	23.00	1
		8	4	22.02	21.96	21.99	23.00	1
		8	7	22.17	22.10	21.93	23.00	1
		15	0	22.18	22.04	22.02	23.00	1
3	16-QAM	1	0	22.18	22.09	21.95	23.00	1
		1	7	22.07	22.13	21.94	23.00	1
		1	14	22.14	22.07	22.10	23.00	1
		8	0	21.03	21.08	21.05	22.00	2
		8	4	21.08	21.02	21.07	22.00	2
		8	7	21.09	21.10	20.96	22.00	2
		15	0	21.14	21.12	21.09	22.00	2
3	64-QAM	1	0	21.19	21.00	20.98	22.00	2
		1	7	21.16	21.04	21.05	22.00	2
		1	14	21.02	21.04	20.96	22.00	2
		8	0	20.04	20.14	20.03	21.00	3
		8	4	20.17	20.10	19.97	21.00	3
		8	7	20.02	20.07	20.00	21.00	3
		15	0	20.16	20.12	20.10	21.00	3
3	256-QAM	1	0	20.11	19.96	20.02	21.00	3
		1	7	20.19	20.02	20.09	21.00	3
		1	14	20.04	20.10	19.97	21.00	3
		8	0	19.12	19.14	19.01	20.00	4
		8	4	19.17	18.96	19.12	20.00	4
		8	7	19.09	19.05	18.94	20.00	4
		15	0	19.09	18.99	19.05	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)				814.7	831.5	848.3		
Channel				26697	26865	27033		
1.4	QPSK	1	0	23.13	22.98	23.02	24.00	0
		1	2	23.21	23.15	22.96	24.00	0
		1	5	23.04	23.10	23.13	24.00	0
		3	0	23.16	22.96	22.95	24.00	0
		3	2	23.18	23.15	22.93	24.00	0
		3	3	23.09	23.10	23.06	24.00	0
		6	0	22.14	22.09	21.95	23.00	1
1.4	16-QAM	1	0	22.19	22.02	21.99	23.00	1
		1	2	22.13	22.01	22.03	23.00	1
		1	5	22.13	21.98	22.10	23.00	1
		3	0	22.14	22.14	22.01	23.00	1
		3	2	22.15	22.01	22.07	23.00	1
		3	3	22.19	22.08	22.06	23.00	1
		6	0	21.04	21.02	21.09	22.00	2
1.4	64-QAM	1	0	21.15	21.15	20.96	22.00	2
		1	2	21.04	21.12	21.11	22.00	2
		1	5	21.10	21.06	20.97	22.00	2
		3	0	21.02	21.15	20.97	22.00	2
		3	2	21.15	20.99	21.12	22.00	2
		3	3	21.03	21.01	21.13	22.00	2
		6	0	20.18	19.98	19.99	21.00	3
1.4	256-QAM	1	0	20.08	20.06	20.04	21.00	3
		1	2	20.16	19.95	20.04	21.00	3
		1	5	20.09	20.01	19.97	21.00	3
		3	0	20.19	20.09	20.00	21.00	3
		3	2	20.10	20.07	20.12	21.00	3
		3	3	20.16	20.04	20.12	21.00	3
		6	0	19.15	19.06	19.07	20.00	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		21.74		22.50	0
		1	25		21.64		22.50	0
		1	49		21.68		22.50	0
		25	0		20.63		21.50	1
		25	12		20.70		21.50	1
		25	25		20.59		21.50	1
		50	0		20.55		21.50	1
10	16-QAM	1	0		20.59		21.50	1
		1	25		20.71		21.50	1
		1	49		20.71		21.50	1
		25	0		19.69		20.50	2
		25	12		19.64		20.50	2
		25	25		19.59		20.50	2
		50	0		19.72		20.50	2
10	64-QAM	1	0		19.67		20.50	2
		1	25		19.63		20.50	2
		1	49		19.60		20.50	2
		25	0		18.53		19.50	3
		25	12		18.60		19.50	3
		25	25		18.65		19.50	3
		50	0		18.59		19.50	3
10	256-QAM	1	0		18.69		19.50	3
		1	25		18.55		19.50	3
		1	49		18.69		19.50	3
		25	0		17.58		18.50	4
		25	12		17.55		18.50	4
		25	25		17.70		18.50	4
		50	0		17.71		18.50	4

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LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				27685	27710	27735		
5	QPSK	1	0	21.67	21.64	21.64	22.50	0
		1	12	21.68	21.64	21.52	22.50	0
		1	24	21.61	21.56	21.52	22.50	0
		12	0	20.64	20.54	20.49	21.50	1
		12	6	20.57	20.71	20.59	21.50	1
		12	13	20.53	20.69	20.50	21.50	1
		25	0	20.55	20.65	20.65	21.50	1
5	16-QAM	1	0	20.53	20.64	20.57	21.50	1
		1	12	20.54	20.56	20.56	21.50	1
		1	24	20.59	20.60	20.48	21.50	1
		12	0	19.59	19.70	19.50	20.50	2
		12	6	19.69	19.65	19.63	20.50	2
		12	13	19.65	19.70	19.61	20.50	2
		25	0	19.66	19.57	19.64	20.50	2
5	64-QAM	1	0	19.55	19.54	19.59	20.50	2
		1	12	19.59	19.55	19.51	20.50	2
		1	24	19.68	19.69	19.52	20.50	2
		12	0	18.58	18.60	18.64	19.50	3
		12	6	18.66	18.59	18.60	19.50	3
		12	13	18.60	18.64	18.60	19.50	3
		25	0	18.51	18.59	18.66	19.50	3
5	256-QAM	1	0	18.68	18.63	18.52	19.50	3
		1	12	18.59	18.62	18.64	19.50	3
		1	24	18.56	18.54	18.62	19.50	3
		12	0	17.51	17.60	17.61	18.50	4
		12	6	17.57	17.68	17.56	18.50	4
		12	13	17.60	17.62	17.67	18.50	4
		25	0	17.62	17.54	17.64	18.50	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	20.87	20.85	20.83	21.00	0
		1	50	20.67	20.75	20.78	21.00	0
		1	99	20.66	20.78	20.67	21.00	0
		50	0	19.85	19.73	19.71	20.00	1
		50	25	19.85	19.74	19.66	20.00	1
		50	50	19.80	19.65	19.76	20.00	1
		100	0	19.75	19.82	19.74	20.00	1
20	16-QAM	1	0	19.79	19.64	19.78	20.00	1
		1	50	19.82	19.64	19.67	20.00	1
		1	99	19.70	19.75	19.82	20.00	1
		50	0	18.80	18.66	18.76	19.00	2
		50	25	18.81	18.73	18.78	19.00	2
		50	50	18.85	18.76	18.70	19.00	2
		100	0	18.72	18.64	18.70	19.00	2
20	64-QAM	1	0	18.80	18.80	18.72	19.00	2
		1	50	18.85	18.76	18.71	19.00	2
		1	99	18.78	18.82	18.78	19.00	2
		50	0	17.79	17.71	17.69	18.00	3
		50	25	17.84	17.65	17.63	18.00	3
		50	50	17.67	17.82	17.65	18.00	3
		100	0	17.79	17.80	17.70	18.00	3
20	256-QAM	1	0	17.72	17.66	17.65	18.00	3
		1	50	17.78	17.79	17.67	18.00	3
		1	99	17.81	17.68	17.67	18.00	3
		50	0	16.73	16.83	16.69	17.00	4
		50	25	16.76	16.83	16.82	17.00	4
		50	50	16.67	16.80	16.78	17.00	4
		100	0	16.72	16.82	16.74	17.00	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	20.78	20.78	20.76	21.00	0
		1	36	20.68	20.83	20.73	21.00	0
		1	74	20.79	20.84	20.68	21.00	0
		36	0	19.80	19.78	19.69	20.00	1
		36	18	19.76	19.73	19.72	20.00	1
		36	37	19.79	19.66	19.71	20.00	1
		75	0	19.76	19.66	19.70	20.00	1
15	16-QAM	1	0	19.80	19.65	19.75	20.00	1
		1	36	19.70	19.76	19.73	20.00	1
		1	74	19.83	19.78	19.72	20.00	1
		36	0	18.71	18.83	18.68	19.00	2
		36	18	18.85	18.73	18.65	19.00	2
		36	37	18.66	18.77	18.72	19.00	2
		75	0	18.71	18.68	18.75	19.00	2
15	64-QAM	1	0	18.82	18.80	18.67	19.00	2
		1	36	18.71	18.79	18.62	19.00	2
		1	74	18.69	18.68	18.71	19.00	2
		36	0	17.84	17.77	17.63	18.00	3
		36	18	17.73	17.75	17.63	18.00	3
		36	37	17.76	17.75	17.79	18.00	3
		75	0	17.73	17.65	17.70	18.00	3
15	256-QAM	1	0	17.71	17.71	17.65	18.00	3
		1	36	17.74	17.73	17.66	18.00	3
		1	74	17.76	17.80	17.74	18.00	3
		36	0	16.86	16.67	16.64	17.00	4
		36	18	16.75	16.75	16.71	17.00	4
		36	37	16.75	16.66	16.78	17.00	4
		75	0	16.66	16.75	16.70	17.00	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	20.82	20.78	20.75	21.00	0
		1	25	20.66	20.71	20.79	21.00	0
		1	49	20.83	20.76	20.71	21.00	0
		25	0	19.81	19.67	19.71	20.00	1
		25	12	19.66	19.68	19.65	20.00	1
		25	25	19.80	19.71	19.79	20.00	1
		50	0	19.71	19.73	19.77	20.00	1
10	16-QAM	1	0	19.83	19.74	19.73	20.00	1
		1	25	19.81	19.69	19.82	20.00	1
		1	49	19.74	19.78	19.80	20.00	1
		25	0	18.76	18.79	18.78	19.00	2
		25	12	18.66	18.80	18.72	19.00	2
		25	25	18.73	18.70	18.80	19.00	2
		50	0	18.78	18.79	18.78	19.00	2
10	64-QAM	1	0	18.69	18.71	18.68	19.00	2
		1	25	18.79	18.73	18.63	19.00	2
		1	49	18.68	18.65	18.64	19.00	2
		25	0	17.71	17.69	17.63	18.00	3
		25	12	17.73	17.66	17.77	18.00	3
		25	25	17.70	17.82	17.81	18.00	3
		50	0	17.85	17.76	17.65	18.00	3
10	256-QAM	1	0	17.70	17.64	17.78	18.00	3
		1	25	17.83	17.78	17.69	18.00	3
		1	49	17.71	17.79	17.70	18.00	3
		25	0	16.71	16.77	16.75	17.00	4
		25	12	16.72	16.82	16.79	17.00	4
		25	25	16.75	16.73	16.66	17.00	4
		50	0	16.77	16.64	16.64	17.00	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)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	20.68	20.82	20.63	21.00	0
		1	12	20.79	20.81	20.64	21.00	0
		1	24	20.80	20.81	20.65	21.00	0
		12	0	19.70	19.71	19.74	20.00	1
		12	6	19.75	19.72	19.64	20.00	1
		12	13	19.76	19.79	19.79	20.00	1
		25	0	19.73	19.66	19.75	20.00	1
5	16-QAM	1	0	19.69	19.80	19.81	20.00	1
		1	12	19.85	19.81	19.79	20.00	1
		1	24	19.68	19.71	19.71	20.00	1
		12	0	18.82	18.82	18.82	19.00	2
		12	6	18.68	18.70	18.65	19.00	2
		12	13	18.77	18.84	18.65	19.00	2
		25	0	18.84	18.76	18.70	19.00	2
5	64-QAM	1	0	18.80	18.76	18.63	19.00	2
		1	12	18.75	18.82	18.75	19.00	2
		1	24	18.74	18.73	18.74	19.00	2
		12	0	17.84	17.74	17.74	18.00	3
		12	6	17.74	17.66	17.63	18.00	3
		12	13	17.78	17.83	17.71	18.00	3
		25	0	17.70	17.74	17.62	18.00	3
5	256-QAM	1	0	17.80	17.67	17.72	18.00	3
		1	12	17.77	17.71	17.65	18.00	3
		1	24	17.66	17.65	17.75	18.00	3
		12	0	16.72	16.83	16.78	17.00	4
		12	6	16.68	16.78	16.71	17.00	4
		12	13	16.81	16.70	16.74	17.00	4
		25	0	16.71	16.72	16.68	17.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	20.68	20.69	20.64	21.00	0
		1	7	20.68	20.77	20.82	21.00	0
		1	14	20.78	20.69	20.82	21.00	0
		8	0	19.86	19.73	19.75	20.00	1
		8	4	19.78	19.80	19.63	20.00	1
		8	7	19.75	19.67	19.71	20.00	1
		15	0	19.80	19.71	19.76	20.00	1
3	16-QAM	1	0	19.73	19.78	19.67	20.00	1
		1	7	19.76	19.79	19.68	20.00	1
		1	14	19.74	19.77	19.64	20.00	1
		8	0	18.70	18.84	18.78	19.00	2
		8	4	18.83	18.73	18.75	19.00	2
		8	7	18.76	18.79	18.74	19.00	2
		15	0	18.84	18.81	18.68	19.00	2
3	64-QAM	1	0	18.68	18.74	18.80	19.00	2
		1	7	18.85	18.82	18.78	19.00	2
		1	14	18.78	18.82	18.65	19.00	2
		8	0	17.68	17.72	17.65	18.00	3
		8	4	17.72	17.74	17.73	18.00	3
		8	7	17.75	17.77	17.66	18.00	3
		15	0	17.83	17.67	17.71	18.00	3
3	256-QAM	1	0	17.67	17.81	17.74	18.00	3
		1	7	17.71	17.74	17.75	18.00	3
		1	14	17.85	17.67	17.66	18.00	3
		8	0	16.76	16.74	16.82	17.00	4
		8	4	16.78	16.80	16.70	17.00	4
		8	7	16.68	16.74	16.65	17.00	4
		15	0	16.84	16.65	16.77	17.00	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	20.70	20.79	20.79	21.00	0
		1	2	20.66	20.83	20.71	21.00	0
		1	5	20.70	20.74	20.80	21.00	0
		3	0	20.84	20.83	20.78	21.00	0
		3	2	20.80	20.82	20.70	21.00	0
		3	3	20.72	20.77	20.75	21.00	0
		6	0	19.80	19.66	19.70	20.00	1
1.4	16-QAM	1	0	19.79	19.71	19.76	20.00	1
		1	2	19.79	19.76	19.63	20.00	1
		1	5	19.69	19.76	19.72	20.00	1
		3	0	19.84	19.73	19.75	20.00	1
		3	2	19.80	19.69	19.71	20.00	1
		3	3	19.82	19.71	19.67	20.00	1
		6	0	18.70	18.82	18.73	19.00	2
1.4	64-QAM	1	0	18.68	18.69	18.81	19.00	2
		1	2	18.67	18.72	18.80	19.00	2
		1	5	18.75	18.74	18.74	19.00	2
		3	0	18.70	18.72	18.71	19.00	2
		3	2	18.80	18.73	18.70	19.00	2
		3	3	18.83	18.79	18.65	19.00	2
		6	0	17.69	17.73	17.67	18.00	3
1.4	256-QAM	1	0	17.80	17.80	17.82	18.00	3
		1	2	17.86	17.84	17.73	18.00	3
		1	5	17.72	17.73	17.79	18.00	3
		3	0	17.78	17.64	17.64	18.00	3
		3	2	17.71	17.81	17.70	18.00	3
		3	3	17.67	17.73	17.63	18.00	3
		6	0	16.81	16.76	16.66	17.00	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)				673	680.5	688		
Channel				133222	133297	133372		
20	QPSK	1	0	22.42	22.40	22.41	22.50	0
		1	50	22.28	22.26	22.33	22.50	0
		1	99	22.37	22.24	22.39	22.50	0
		50	0	21.28	21.33	21.29	21.50	1
		50	25	21.31	21.30	21.33	21.50	1
		50	50	21.31	21.29	21.28	21.50	1
		100	0	21.41	21.25	21.36	21.50	1
20	16-QAM	1	0	21.41	21.32	21.38	21.50	1
		1	50	21.37	21.38	21.22	21.50	1
		1	99	21.29	21.20	21.36	21.50	1
		50	0	20.24	20.31	20.21	20.50	2
		50	25	20.31	20.21	20.40	20.50	2
		50	50	20.39	20.24	20.30	20.50	2
		100	0	20.34	20.20	20.28	20.50	2
20	64-QAM	1	0	20.30	20.36	20.37	20.50	2
		1	50	20.36	20.27	20.38	20.50	2
		1	99	20.33	20.36	20.27	20.50	2
		50	0	19.31	19.32	19.39	19.50	3
		50	25	19.23	19.23	19.38	19.50	3
		50	50	19.39	19.24	19.33	19.50	3
		100	0	19.30	19.32	19.32	19.50	3
20	256-QAM	1	0	19.38	19.25	19.22	19.50	3
		1	50	19.29	19.27	19.30	19.50	3
		1	99	19.40	19.36	19.38	19.50	3
		50	0	18.41	18.37	18.38	18.50	4
		50	25	18.28	18.32	18.21	18.50	4
		50	50	18.25	18.29	18.20	18.50	4
		100	0	18.27	18.38	18.28	18.50	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				133197	133297	133397		
15	QPSK	1	0	22.26	22.35	22.29	22.50	0
		1	36	22.24	22.33	22.34	22.50	0
		1	74	22.27	22.30	22.26	22.50	0
		36	0	21.40	21.22	21.40	21.50	1
		36	18	21.37	21.34	21.29	21.50	1
		36	37	21.31	21.27	21.26	21.50	1
		75	0	21.41	21.20	21.32	21.50	1
15	16-QAM	1	0	21.31	21.21	21.31	21.50	1
		1	36	21.28	21.36	21.23	21.50	1
		1	74	21.37	21.37	21.23	21.50	1
		36	0	20.30	20.33	20.29	20.50	2
		36	18	20.34	20.34	20.23	20.50	2
		36	37	20.27	20.25	20.33	20.50	2
		75	0	20.36	20.19	20.39	20.50	2
15	64-QAM	1	0	20.33	20.35	20.40	20.50	2
		1	36	20.36	20.20	20.27	20.50	2
		1	74	20.25	20.34	20.36	20.50	2
		36	0	19.37	19.23	19.21	19.50	3
		36	18	19.31	19.30	19.21	19.50	3
		36	37	19.39	19.30	19.22	19.50	3
		75	0	19.38	19.21	19.36	19.50	3
15	256-QAM	1	0	19.40	19.21	19.35	19.50	3
		1	36	19.33	19.38	19.24	19.50	3
		1	74	19.22	19.35	19.30	19.50	3
		36	0	18.23	18.33	18.26	18.50	4
		36	18	18.23	18.20	18.31	18.50	4
		36	37	18.32	18.22	18.31	18.50	4
		75	0	18.28	18.37	18.25	18.50	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133172	133297	133422		
10	QPSK	1	0	22.30	22.27	22.32	22.50	0
		1	25	22.37	22.20	22.30	22.50	0
		1	49	22.24	22.21	22.33	22.50	0
		25	0	21.24	21.24	21.31	21.50	1
		25	12	21.31	21.39	21.33	21.50	1
		25	25	21.24	21.27	21.31	21.50	1
		50	0	21.40	21.31	21.26	21.50	1
10	16-QAM	1	0	21.33	21.29	21.38	21.50	1
		1	25	21.34	21.22	21.39	21.50	1
		1	49	21.26	21.27	21.25	21.50	1
		25	0	20.29	20.35	20.36	20.50	2
		25	12	20.28	20.22	20.35	20.50	2
		25	25	20.23	20.24	20.21	20.50	2
		50	0	20.29	20.37	20.31	20.50	2
10	64-QAM	1	0	20.23	20.33	20.35	20.50	2
		1	25	20.32	20.23	20.31	20.50	2
		1	49	20.34	20.33	20.23	20.50	2
		25	0	19.40	19.28	19.38	19.50	3
		25	12	19.36	19.29	19.27	19.50	3
		25	25	19.37	19.29	19.38	19.50	3
		50	0	19.28	19.29	19.31	19.50	3
10	256-QAM	1	0	19.27	19.35	19.23	19.50	3
		1	25	19.23	19.38	19.23	19.50	3
		1	49	19.29	19.22	19.39	19.50	3
		25	0	18.39	18.33	18.35	18.50	4
		25	12	18.29	18.32	18.24	18.50	4
		25	25	18.37	18.27	18.23	18.50	4
		50	0	18.27	18.26	18.24	18.50	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	22.39	22.26	22.34	22.50	0
		1	12	22.31	22.31	22.36	22.50	0
		1	24	22.37	22.27	22.33	22.50	0
		12	0	21.27	21.21	21.30	21.50	1
		12	6	21.34	21.26	21.22	21.50	1
		12	13	21.25	21.25	21.25	21.50	1
		25	0	21.34	21.36	21.25	21.50	1
5	16-QAM	1	0	21.27	21.31	21.36	21.50	1
		1	12	21.28	21.34	21.25	21.50	1
		1	24	21.30	21.28	21.33	21.50	1
		12	0	20.36	20.23	20.23	20.50	2
		12	6	20.35	20.32	20.34	20.50	2
		12	13	20.41	20.35	20.35	20.50	2
		25	0	20.27	20.34	20.32	20.50	2
5	64-QAM	1	0	20.38	20.20	20.20	20.50	2
		1	12	20.22	20.29	20.35	20.50	2
		1	24	20.34	20.27	20.22	20.50	2
		12	0	19.41	19.21	19.30	19.50	3
		12	6	19.22	19.33	19.26	19.50	3
		12	13	19.27	19.24	19.23	19.50	3
		25	0	19.35	19.24	19.25	19.50	3
5	256-QAM	1	0	19.22	19.27	19.20	19.50	3
		1	12	19.36	19.36	19.35	19.50	3
		1	24	19.25	19.39	19.25	19.50	3
		12	0	18.33	18.36	18.28	18.50	4
		12	6	18.28	18.22	18.27	18.50	4
		12	13	18.23	18.36	18.27	18.50	4
		25	0	18.37	18.34	18.23	18.50	4

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ANT8

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	22.64	22.68	22.69	23.00	0
		1	50	22.62	22.53	22.49	23.00	0
		1	99	22.56	22.53	22.54	23.00	0
		50	0	21.60	21.66	21.56	22.00	1
		50	25	21.50	21.49	21.49	22.00	1
		50	50	21.51	21.61	21.54	22.00	1
		100	0	21.58	21.63	21.67	22.00	1
20	16-QAM	1	0	21.45	21.56	21.67	22.00	1
		1	50	21.54	21.63	21.49	22.00	1
		1	99	21.48	21.61	21.52	22.00	1
		50	0	20.51	20.60	20.64	21.00	2
		50	25	20.48	20.58	20.58	21.00	2
		50	50	20.62	20.66	20.58	21.00	2
		100	0	20.51	20.48	20.55	21.00	2
20	64-QAM	1	0	20.62	20.48	20.59	21.00	2
		1	50	20.52	20.51	20.67	21.00	2
		1	99	20.58	20.66	20.49	21.00	2
		50	0	19.46	19.49	19.51	20.00	3
		50	25	19.53	19.61	19.55	20.00	3
		50	50	19.54	19.60	19.51	20.00	3
		100	0	19.53	19.48	19.64	20.00	3
20	256-QAM	1	0	19.57	19.54	19.55	20.00	3
		1	50	19.59	19.65	19.51	20.00	3
		1	99	19.55	19.59	19.54	20.00	3
		50	0	18.56	18.58	18.57	19.00	4
		50	25	18.51	18.51	18.53	19.00	4
		50	50	18.46	18.55	18.57	19.00	4
		100	0	18.44	18.55	18.65	19.00	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	22.54	22.66	22.67	23.00	0
		1	36	22.57	22.49	22.67	23.00	0
		1	74	22.54	22.56	22.65	23.00	0
		36	0	21.57	21.58	21.56	22.00	1
		36	18	21.50	21.48	21.54	22.00	1
		36	37	21.46	21.67	21.58	22.00	1
		75	0	21.53	21.57	21.51	22.00	1
15	16-QAM	1	0	21.46	21.53	21.50	22.00	1
		1	36	21.56	21.52	21.50	22.00	1
		1	74	21.56	21.56	21.68	22.00	1
		36	0	20.48	20.51	20.62	21.00	2
		36	18	20.52	20.58	20.61	21.00	2
		36	37	20.47	20.49	20.64	21.00	2
		75	0	20.53	20.55	20.56	21.00	2
15	64-QAM	1	0	20.54	20.55	20.48	21.00	2
		1	36	20.63	20.49	20.63	21.00	2
		1	74	20.52	20.65	20.62	21.00	2
		36	0	19.62	19.50	19.67	20.00	3
		36	18	19.47	19.52	19.62	20.00	3
		36	37	19.52	19.63	19.62	20.00	3
		75	0	19.45	19.59	19.49	20.00	3
15	256-QAM	1	0	19.53	19.48	19.64	20.00	3
		1	36	19.55	19.54	19.49	20.00	3
		1	74	19.49	19.62	19.62	20.00	3
		36	0	18.50	18.52	18.58	19.00	4
		36	18	18.60	18.55	18.50	19.00	4
		36	37	18.51	18.49	18.56	19.00	4
		75	0	18.46	18.67	18.57	19.00	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	22.52	22.67	22.57	23.00	0
		1	25	22.63	22.56	22.50	23.00	0
		1	49	22.59	22.53	22.52	23.00	0
		25	0	21.60	21.55	21.63	22.00	1
		25	12	21.45	21.63	21.59	22.00	1
		25	25	21.55	21.65	21.56	22.00	1
		50	0	21.43	21.66	21.54	22.00	1
10	16-QAM	1	0	21.43	21.49	21.62	22.00	1
		1	25	21.57	21.51	21.56	22.00	1
		1	49	21.49	21.48	21.63	22.00	1
		25	0	20.50	20.51	20.57	21.00	2
		25	12	20.55	20.53	20.57	21.00	2
		25	25	20.51	20.65	20.57	21.00	2
		50	0	20.60	20.50	20.67	21.00	2
10	64-QAM	1	0	20.50	20.57	20.65	21.00	2
		1	25	20.60	20.66	20.62	21.00	2
		1	49	20.54	20.50	20.68	21.00	2
		25	0	19.57	19.54	19.68	20.00	3
		25	12	19.63	19.60	19.50	20.00	3
		25	25	19.60	19.50	19.54	20.00	3
		50	0	19.63	19.64	19.51	20.00	3
10	256-QAM	1	0	19.49	19.49	19.66	20.00	3
		1	25	19.60	19.50	19.67	20.00	3
		1	49	19.61	19.65	19.64	20.00	3
		25	0	18.54	18.57	18.64	19.00	4
		25	12	18.54	18.54	18.49	19.00	4
		25	25	18.54	18.63	18.57	19.00	4
		50	0	18.56	18.56	18.67	19.00	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	22.49	22.57	22.61	23.00	0
		1	12	22.45	22.63	22.66	23.00	0
		1	24	22.46	22.57	22.62	23.00	0
		12	0	21.52	21.58	21.59	22.00	1
		12	6	21.52	21.54	21.56	22.00	1
		12	13	21.53	21.51	21.59	22.00	1
		25	0	21.43	21.60	21.58	22.00	1
5	16-QAM	1	0	21.48	21.60	21.52	22.00	1
		1	12	21.52	21.61	21.50	22.00	1
		1	24	21.47	21.56	21.53	22.00	1
		12	0	20.49	20.64	20.64	21.00	2
		12	6	20.53	20.56	20.66	21.00	2
		12	13	20.49	20.63	20.57	21.00	2
		25	0	20.44	20.52	20.61	21.00	2
5	64-QAM	1	0	20.51	20.62	20.55	21.00	2
		1	12	20.45	20.48	20.55	21.00	2
		1	24	20.45	20.62	20.59	21.00	2
		12	0	19.48	19.51	19.59	20.00	3
		12	6	19.44	19.52	19.53	20.00	3
		12	13	19.45	19.53	19.50	20.00	3
		25	0	19.47	19.57	19.58	20.00	3
5	256-QAM	1	0	19.44	19.67	19.50	20.00	3
		1	12	19.49	19.60	19.63	20.00	3
		1	24	19.59	19.51	19.54	20.00	3
		12	0	18.53	18.56	18.55	19.00	4
		12	6	18.45	18.57	18.58	19.00	4
		12	13	18.47	18.62	18.65	19.00	4
		25	0	18.46	18.57	18.51	19.00	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)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	22.48	22.67	22.55	23.00	0
		1	7	22.57	22.55	22.62	23.00	0
		1	14	22.57	22.60	22.58	23.00	0
		8	0	21.43	21.61	21.55	22.00	1
		8	4	21.49	21.49	21.51	22.00	1
		8	7	21.56	21.64	21.52	22.00	1
		15	0	21.58	21.58	21.51	22.00	1
3	16-QAM	1	0	21.57	21.64	21.64	22.00	1
		1	7	21.52	21.62	21.48	22.00	1
		1	14	21.43	21.49	21.60	22.00	1
		8	0	20.48	20.52	20.52	21.00	2
		8	4	20.60	20.55	20.57	21.00	2
		8	7	20.58	20.65	20.67	21.00	2
		15	0	20.60	20.60	20.67	21.00	2
3	64-QAM	1	0	20.43	20.66	20.48	21.00	2
		1	7	20.52	20.56	20.62	21.00	2
		1	14	20.60	20.64	20.68	21.00	2
		8	0	19.48	19.65	19.57	20.00	3
		8	4	19.55	19.57	19.62	20.00	3
		8	7	19.55	19.59	19.59	20.00	3
		15	0	19.58	19.64	19.52	20.00	3
3	256-QAM	1	0	19.58	19.60	19.67	20.00	3
		1	7	19.58	19.48	19.51	20.00	3
		1	14	19.53	19.60	19.55	20.00	3
		8	0	18.62	18.48	18.66	19.00	4
		8	4	18.58	18.64	18.54	19.00	4
		8	7	18.52	18.52	18.62	19.00	4
		15	0	18.63	18.56	18.63	19.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	22.61	22.55	22.54	23.00	0
		1	2	22.47	22.64	22.59	23.00	0
		1	5	22.58	22.54	22.55	23.00	0
		3	0	22.49	22.66	22.48	23.00	0
		3	2	22.56	22.56	22.51	23.00	0
		3	3	22.49	22.51	22.54	23.00	0
		6	0	21.57	21.47	21.63	22.00	1
1.4	16-QAM	1	0	21.59	21.57	21.54	22.00	1
		1	2	21.47	21.58	21.64	22.00	1
		1	5	21.49	21.48	21.50	22.00	1
		3	0	21.49	21.54	21.51	22.00	1
		3	2	21.47	21.59	21.54	22.00	1
		3	3	21.56	21.49	21.59	22.00	1
		6	0	20.48	20.65	20.55	21.00	2
1.4	64-QAM	1	0	20.49	20.51	20.55	21.00	2
		1	2	20.46	20.65	20.56	21.00	2
		1	5	20.48	20.48	20.57	21.00	2
		3	0	20.52	20.54	20.53	21.00	2
		3	2	20.60	20.64	20.63	21.00	2
		3	3	20.45	20.47	20.66	21.00	2
		6	0	19.48	19.51	19.65	20.00	3
1.4	256-QAM	1	0	19.53	19.57	19.61	20.00	3
		1	2	19.58	19.52	19.61	20.00	3
		1	5	19.60	19.65	19.57	20.00	3
		3	0	19.45	19.48	19.48	20.00	3
		3	2	19.60	19.49	19.66	20.00	3
		3	3	19.49	19.48	19.59	20.00	3
		6	0	18.59	18.65	18.65	19.00	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	21.64	21.65	21.53	22.00	0
		1	50	21.44	21.47	21.33	22.00	0
		1	99	21.60	21.52	21.47	22.00	0
		50	0	20.50	20.53	20.42	21.00	1
		50	25	20.53	20.45	20.45	21.00	1
		50	50	20.55	20.58	20.45	21.00	1
		100	0	20.55	20.61	20.43	21.00	1
20	16-QAM	1	0	20.47	20.49	20.39	21.00	1
		1	50	20.50	20.55	20.49	21.00	1
		1	99	20.43	20.57	20.39	21.00	1
		50	0	19.50	19.61	19.51	20.00	2
		50	25	19.57	19.45	19.41	20.00	2
		50	50	19.61	19.48	19.51	20.00	2
		100	0	19.62	19.50	19.49	20.00	2
20	64-QAM	1	0	19.53	19.53	19.40	20.00	2
		1	50	19.61	19.55	19.46	20.00	2
		1	99	19.46	19.56	19.49	20.00	2
		50	0	18.55	18.54	18.40	19.00	3
		50	25	18.54	18.49	18.50	19.00	3
		50	50	18.55	18.60	18.36	19.00	3
		100	0	18.44	18.59	18.42	19.00	3
20	256-QAM	1	0	18.52	18.47	18.46	19.00	3
		1	50	18.45	18.46	18.38	19.00	3
		1	99	18.50	18.50	18.50	19.00	3
		50	0	17.52	17.53	17.39	18.00	4
		50	25	17.52	17.52	17.43	18.00	4
		50	50	17.58	17.60	17.36	18.00	4
		100	0	17.57	17.52	17.52	18.00	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	21.56	21.46	21.39	22.00	0
		1	36	21.47	21.47	21.47	22.00	0
		1	74	21.55	21.50	21.35	22.00	0
		36	0	20.49	20.51	20.52	21.00	1
		36	18	20.54	20.49	20.43	21.00	1
		36	37	20.53	20.64	20.45	21.00	1
		75	0	20.57	20.56	20.46	21.00	1
15	16-QAM	1	0	20.58	20.61	20.35	21.00	1
		1	36	20.60	20.59	20.34	21.00	1
		1	74	20.59	20.59	20.47	21.00	1
		36	0	19.62	19.54	19.37	20.00	2
		36	18	19.61	19.55	19.33	20.00	2
		36	37	19.62	19.55	19.39	20.00	2
		75	0	19.51	19.53	19.33	20.00	2
15	64-QAM	1	0	19.53	19.53	19.48	20.00	2
		1	36	19.55	19.45	19.37	20.00	2
		1	74	19.58	19.52	19.48	20.00	2
		36	0	18.56	18.48	18.35	19.00	3
		36	18	18.51	18.63	18.38	19.00	3
		36	37	18.46	18.57	18.34	19.00	3
		75	0	18.58	18.64	18.33	19.00	3
15	256-QAM	1	0	18.62	18.51	18.45	19.00	3
		1	36	18.56	18.46	18.49	19.00	3
		1	74	18.43	18.48	18.38	19.00	3
		36	0	17.54	17.61	17.49	18.00	4
		36	18	17.50	17.58	17.50	18.00	4
		36	37	17.53	17.57	17.40	18.00	4
		75	0	17.49	17.55	17.38	18.00	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		
Channel				20000	20175	20350		
10	QPSK	1	0	21.49	21.52	21.49	22.00	0
		1	25	21.56	21.50	21.35	22.00	0
		1	49	21.57	21.56	21.37	22.00	0
		25	0	20.51	20.53	20.43	21.00	1
		25	12	20.43	20.60	20.48	21.00	1
		25	25	20.51	20.53	20.39	21.00	1
		50	0	20.50	20.56	20.38	21.00	1
10	16-QAM	1	0	20.58	20.63	20.36	21.00	1
		1	25	20.46	20.52	20.41	21.00	1
		1	49	20.48	20.55	20.45	21.00	1
		25	0	19.63	19.52	19.47	20.00	2
		25	12	19.56	19.49	19.41	20.00	2
		25	25	19.46	19.53	19.36	20.00	2
		50	0	19.54	19.49	19.33	20.00	2
10	64-QAM	1	0	19.55	19.46	19.39	20.00	2
		1	25	19.52	19.55	19.44	20.00	2
		1	49	19.43	19.53	19.49	20.00	2
		25	0	18.52	18.58	18.42	19.00	3
		25	12	18.59	18.58	18.45	19.00	3
		25	25	18.60	18.45	18.33	19.00	3
		50	0	18.55	18.47	18.38	19.00	3
10	256-QAM	1	0	18.61	18.49	18.45	19.00	3
		1	25	18.57	18.48	18.37	19.00	3
		1	49	18.59	18.54	18.39	19.00	3
		25	0	17.46	17.59	17.50	18.00	4
		25	12	17.45	17.54	17.37	18.00	4
		25	25	17.46	17.53	17.42	18.00	4
		50	0	17.53	17.44	17.38	18.00	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)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	21.60	21.50	21.38	22.00	0
		1	12	21.57	21.45	21.34	22.00	0
		1	24	21.62	21.52	21.39	22.00	0
		12	0	20.59	20.47	20.44	21.00	1
		12	6	20.48	20.56	20.39	21.00	1
		12	13	20.56	20.51	20.48	21.00	1
		25	0	20.55	20.63	20.44	21.00	1
5	16-QAM	1	0	20.50	20.56	20.38	21.00	1
		1	12	20.58	20.57	20.32	21.00	1
		1	24	20.55	20.53	20.39	21.00	1
		12	0	19.61	19.49	19.39	20.00	2
		12	6	19.56	19.46	19.48	20.00	2
		12	13	19.50	19.49	19.39	20.00	2
		25	0	19.49	19.49	19.40	20.00	2
5	64-QAM	1	0	19.54	19.47	19.35	20.00	2
		1	12	19.49	19.44	19.42	20.00	2
		1	24	19.45	19.63	19.49	20.00	2
		12	0	18.44	18.46	18.52	19.00	3
		12	6	18.54	18.53	18.49	19.00	3
		12	13	18.44	18.50	18.45	19.00	3
		25	0	18.60	18.62	18.47	19.00	3
5	256-QAM	1	0	18.51	18.52	18.42	19.00	3
		1	12	18.57	18.61	18.32	19.00	3
		1	24	18.61	18.62	18.39	19.00	3
		12	0	17.60	17.51	17.49	18.00	4
		12	6	17.59	17.59	17.43	18.00	4
		12	13	17.54	17.47	17.35	18.00	4
		25	0	17.45	17.50	17.46	18.00	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	21.50	21.55	21.34	22.00	0
		1	7	21.45	21.56	21.35	22.00	0
		1	14	21.51	21.62	21.37	22.00	0
		8	0	20.49	20.50	20.48	21.00	1
		8	4	20.49	20.51	20.37	21.00	1
		8	7	20.43	20.48	20.37	21.00	1
		15	0	20.59	20.57	20.49	21.00	1
3	16-QAM	1	0	20.46	20.54	20.40	21.00	1
		1	7	20.46	20.56	20.34	21.00	1
		1	14	20.43	20.54	20.33	21.00	1
		8	0	19.54	19.63	19.50	20.00	2
		8	4	19.56	19.45	19.41	20.00	2
		8	7	19.50	19.56	19.44	20.00	2
		15	0	19.49	19.46	19.49	20.00	2
3	64-QAM	1	0	19.48	19.64	19.35	20.00	2
		1	7	19.51	19.49	19.48	20.00	2
		1	14	19.46	19.56	19.52	20.00	2
		8	0	18.62	18.45	18.47	19.00	3
		8	4	18.56	18.56	18.41	19.00	3
		8	7	18.62	18.58	18.38	19.00	3
		15	0	18.63	18.47	18.33	19.00	3
3	256-QAM	1	0	18.54	18.47	18.50	19.00	3
		1	7	18.60	18.53	18.36	19.00	3
		1	14	18.61	18.45	18.47	19.00	3
		8	0	17.62	17.63	17.34	18.00	4
		8	4	17.52	17.52	17.39	18.00	4
		8	7	17.61	17.62	17.42	18.00	4
		15	0	17.52	17.61	17.38	18.00	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	21.50	21.47	21.45	22.00	0
		1	2	21.53	21.47	21.49	22.00	0
		1	5	21.57	21.63	21.41	22.00	0
		3	0	21.58	21.55	21.50	22.00	0
		3	2	21.63	21.53	21.51	22.00	0
		3	3	21.47	21.61	21.33	22.00	0
		6	0	20.44	20.52	20.34	21.00	1
1.4	16-QAM	1	0	20.49	20.59	20.40	21.00	1
		1	2	20.63	20.56	20.36	21.00	1
		1	5	20.52	20.61	20.52	21.00	1
		3	0	20.53	20.47	20.51	21.00	1
		3	2	20.57	20.45	20.44	21.00	1
		3	3	20.52	20.60	20.33	21.00	1
		6	0	19.61	19.55	19.37	20.00	2
1.4	64-QAM	1	0	19.54	19.52	19.42	20.00	2
		1	2	19.43	19.62	19.50	20.00	2
		1	5	19.43	19.51	19.51	20.00	2
		3	0	19.49	19.46	19.49	20.00	2
		3	2	19.62	19.46	19.32	20.00	2
		3	3	19.62	19.57	19.33	20.00	2
		6	0	18.52	18.49	18.37	19.00	3
1.4	256-QAM	1	0	18.55	18.57	18.37	19.00	3
		1	2	18.54	18.48	18.50	19.00	3
		1	5	18.61	18.56	18.44	19.00	3
		3	0	18.58	18.57	18.32	19.00	3
		3	2	18.48	18.56	18.51	19.00	3
		3	3	18.45	18.47	18.32	19.00	3
		6	0	17.62	17.54	17.52	18.00	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)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	23.88	23.79	23.75	24.00	0
		1	50	23.80	23.62	23.70	24.00	0
		1	99	23.72	23.61	23.68	24.00	0
		50	0	22.79	22.63	22.55	23.00	1
		50	25	22.86	22.76	22.61	23.00	1
		50	50	22.70	22.75	22.68	23.00	1
		100	0	22.78	22.73	22.64	23.00	1
20	16-QAM	1	0	22.68	22.69	22.59	23.00	1
		1	50	22.81	22.66	22.59	23.00	1
		1	99	22.69	22.70	22.57	23.00	1
		50	0	21.78	21.62	21.71	22.00	2
		50	25	21.83	21.75	21.64	22.00	2
		50	50	21.68	21.62	21.69	22.00	2
		100	0	21.82	21.65	21.72	22.00	2
20	64-QAM	1	0	21.86	21.61	21.58	22.00	2
		1	50	21.81	21.68	21.64	22.00	2
		1	99	21.78	21.69	21.67	22.00	2
		50	0	20.78	20.67	20.74	21.00	3
		50	25	20.71	20.76	20.71	21.00	3
		50	50	20.74	20.61	20.54	21.00	3
		100	0	20.73	20.66	20.61	21.00	3
20	256-QAM	1	0	20.71	20.64	20.65	21.00	3
		1	50	20.77	20.62	20.55	21.00	3
		1	99	20.85	20.62	20.65	21.00	3
		50	0	19.69	19.78	19.63	20.00	4
		50	25	19.81	19.59	19.58	20.00	4
		50	50	19.74	19.68	19.66	20.00	4
		100	0	19.84	19.73	19.54	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)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	23.87	23.76	23.72	24.00	0
		1	36	23.79	23.73	23.55	24.00	0
		1	74	23.69	23.74	23.67	24.00	0
		36	0	22.84	22.69	22.66	23.00	1
		36	18	22.72	22.61	22.72	23.00	1
		36	37	22.78	22.69	22.55	23.00	1
		75	0	22.78	22.66	22.58	23.00	1
15	16-QAM	1	0	22.77	22.63	22.59	23.00	1
		1	36	22.78	22.63	22.69	23.00	1
		1	74	22.87	22.64	22.71	23.00	1
		36	0	21.74	21.74	21.67	22.00	2
		36	18	21.72	21.67	21.55	22.00	2
		36	37	21.79	21.73	21.68	22.00	2
		75	0	21.71	21.69	21.68	22.00	2
15	64-QAM	1	0	21.77	21.71	21.71	22.00	2
		1	36	21.84	21.67	21.71	22.00	2
		1	74	21.82	21.76	21.62	22.00	2
		36	0	20.83	20.65	20.63	21.00	3
		36	18	20.81	20.60	20.59	21.00	3
		36	37	20.80	20.62	20.69	21.00	3
		75	0	20.86	20.64	20.57	21.00	3
15	256-QAM	1	0	20.69	20.72	20.64	21.00	3
		1	36	20.75	20.61	20.73	21.00	3
		1	74	20.81	20.58	20.72	21.00	3
		36	0	19.72	19.68	19.62	20.00	4
		36	18	19.84	19.59	19.71	20.00	4
		36	37	19.78	19.64	19.68	20.00	4
		75	0	19.75	19.77	19.65	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	23.77	23.68	23.60	24.00	0
		1	25	23.82	23.76	23.66	24.00	0
		1	49	23.87	23.66	23.61	24.00	0
		25	0	22.86	22.76	22.58	23.00	1
		25	12	22.87	22.67	22.61	23.00	1
		25	25	22.81	22.72	22.60	23.00	1
		50	0	22.73	22.76	22.72	23.00	1
10	16-QAM	1	0	22.81	22.71	22.69	23.00	1
		1	25	22.87	22.63	22.66	23.00	1
		1	49	22.72	22.60	22.73	23.00	1
		25	0	21.68	21.78	21.68	22.00	2
		25	12	21.85	21.68	21.66	22.00	2
		25	25	21.78	21.71	21.65	22.00	2
		50	0	21.68	21.74	21.74	22.00	2
10	64-QAM	1	0	21.67	21.68	21.62	22.00	2
		1	25	21.81	21.67	21.63	22.00	2
		1	49	21.83	21.68	21.66	22.00	2
		25	0	20.73	20.70	20.66	21.00	3
		25	12	20.75	20.61	20.69	21.00	3
		25	25	20.71	20.66	20.61	21.00	3
		50	0	20.78	20.63	20.72	21.00	3
10	256-QAM	1	0	20.79	20.72	20.62	21.00	3
		1	25	20.83	20.76	20.70	21.00	3
		1	49	20.69	20.61	20.57	21.00	3
		25	0	19.74	19.63	19.70	20.00	4
		25	12	19.77	19.71	19.68	20.00	4
		25	25	19.73	19.66	19.66	20.00	4
		50	0	19.78	19.59	19.63	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)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	23.81	23.65	23.62	24.00	0
		1	12	23.81	23.74	23.61	24.00	0
		1	24	23.73	23.75	23.58	24.00	0
		12	0	22.85	22.67	22.63	23.00	1
		12	6	22.73	22.62	22.74	23.00	1
		12	13	22.67	22.66	22.55	23.00	1
		25	0	22.83	22.74	22.55	23.00	1
5	16-QAM	1	0	22.79	22.71	22.62	23.00	1
		1	12	22.82	22.61	22.54	23.00	1
		1	24	22.83	22.61	22.65	23.00	1
		12	0	21.78	21.68	21.54	22.00	2
		12	6	21.79	21.60	21.72	22.00	2
		12	13	21.87	21.67	21.71	22.00	2
		25	0	21.82	21.59	21.59	22.00	2
5	64-QAM	1	0	21.77	21.60	21.66	22.00	2
		1	12	21.73	21.66	21.61	22.00	2
		1	24	21.74	21.66	21.67	22.00	2
		12	0	20.79	20.77	20.72	21.00	3
		12	6	20.71	20.71	20.67	21.00	3
		12	13	20.84	20.69	20.60	21.00	3
		25	0	20.84	20.58	20.59	21.00	3
5	256-QAM	1	0	20.76	20.69	20.66	21.00	3
		1	12	20.75	20.69	20.73	21.00	3
		1	24	20.68	20.59	20.64	21.00	3
		12	0	19.87	19.61	19.62	20.00	4
		12	6	19.78	19.69	19.66	20.00	4
		12	13	19.76	19.76	19.59	20.00	4
		25	0	19.74	19.63	19.62	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)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	23.15	23.20	23.25	23.50	0
		1	50	23.05	23.14	23.21	23.50	0
		1	99	23.07	23.15	23.23	23.50	0
		50	0	22.10	22.06	22.13	22.50	1
		50	25	22.02	22.14	22.04	22.50	1
		50	50	22.05	22.06	22.21	22.50	1
		100	0	21.98	22.02	22.09	22.50	1
20	16-QAM	1	0	21.99	22.04	22.10	22.50	1
		1	50	22.12	22.05	22.20	22.50	1
		1	99	22.00	22.18	22.20	22.50	1
		50	0	21.00	21.13	21.17	21.50	2
		50	25	21.03	21.08	21.11	21.50	2
		50	50	21.05	21.18	21.22	21.50	2
		100	0	21.08	21.01	21.09	21.50	2
20	64-QAM	1	0	21.13	21.10	21.16	21.50	2
		1	50	21.11	21.03	21.17	21.50	2
		1	99	21.14	21.00	21.19	21.50	2
		50	0	20.07	20.01	20.14	20.50	3
		50	25	19.96	20.06	20.07	20.50	3
		50	50	20.14	20.16	20.09	20.50	3
		100	0	20.13	20.03	20.24	20.50	3
20	256-QAM	1	0	20.01	20.16	20.20	20.50	3
		1	50	20.10	20.01	20.11	20.50	3
		1	99	20.02	20.09	20.07	20.50	3
		50	0	19.12	19.17	19.06	19.50	4
		50	25	19.14	19.02	19.09	19.50	4
		50	50	19.00	19.15	19.18	19.50	4
		100	0	18.96	19.03	19.09	19.50	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	23.10	23.01	23.23	23.50	0
		1	36	23.01	23.12	23.21	23.50	0
		1	74	23.11	23.15	23.21	23.50	0
		36	0	22.04	22.06	22.15	22.50	1
		36	18	22.05	22.17	22.12	22.50	1
		36	37	21.94	22.09	22.19	22.50	1
		75	0	21.98	22.03	22.13	22.50	1
15	16-QAM	1	0	22.01	22.02	22.12	22.50	1
		1	36	22.13	22.09	22.16	22.50	1
		1	74	21.97	22.17	22.18	22.50	1
		36	0	20.99	21.18	21.06	21.50	2
		36	18	21.13	21.10	21.04	21.50	2
		36	37	21.01	20.99	21.14	21.50	2
		75	0	21.13	21.08	21.11	21.50	2
15	64-QAM	1	0	21.09	21.13	21.18	21.50	2
		1	36	21.02	21.07	21.07	21.50	2
		1	74	21.09	21.04	21.19	21.50	2
		36	0	20.08	20.09	20.15	20.50	3
		36	18	20.00	20.14	20.10	20.50	3
		36	37	20.05	20.15	20.22	20.50	3
		75	0	19.95	20.18	20.20	20.50	3
15	256-QAM	1	0	19.99	20.16	20.13	20.50	3
		1	36	19.96	20.04	20.18	20.50	3
		1	74	19.97	20.06	20.22	20.50	3
		36	0	19.02	18.99	19.08	19.50	4
		36	18	19.09	19.02	19.08	19.50	4
		36	37	19.04	19.11	19.23	19.50	4
		75	0	18.99	19.15	19.09	19.50	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	22.97	23.10	23.09	23.50	0
		1	25	22.95	23.13	23.15	23.50	0
		1	49	23.13	23.09	23.17	23.50	0
		25	0	22.07	22.14	22.12	22.50	1
		25	12	21.94	22.05	22.20	22.50	1
		25	25	21.94	22.06	22.07	22.50	1
		50	0	22.09	22.16	22.09	22.50	1
10	16-QAM	1	0	22.04	22.11	22.05	22.50	1
		1	25	22.06	22.01	22.14	22.50	1
		1	49	21.99	22.17	22.06	22.50	1
		25	0	20.99	21.07	21.12	21.50	2
		25	12	21.03	21.16	21.08	21.50	2
		25	25	21.07	21.10	21.23	21.50	2
		50	0	20.98	21.05	21.24	21.50	2
10	64-QAM	1	0	21.08	21.12	21.20	21.50	2
		1	25	21.07	21.12	21.05	21.50	2
		1	49	21.14	21.12	21.16	21.50	2
		25	0	19.94	20.13	20.12	20.50	3
		25	12	20.07	20.06	20.23	20.50	3
		25	25	20.09	20.12	20.08	20.50	3
		50	0	19.99	20.08	20.19	20.50	3
10	256-QAM	1	0	20.11	20.03	20.11	20.50	3
		1	25	20.07	20.07	20.06	20.50	3
		1	49	20.14	20.18	20.11	20.50	3
		25	0	19.04	19.18	19.18	19.50	4
		25	12	19.12	19.18	19.14	19.50	4
		25	25	19.03	19.11	19.20	19.50	4
		50	0	19.04	19.08	19.11	19.50	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	23.06	23.15	23.20	23.50	0
		1	12	23.13	23.01	23.09	23.50	0
		1	24	22.98	23.02	23.13	23.50	0
		12	0	22.12	22.10	22.21	22.50	1
		12	6	21.99	22.03	22.14	22.50	1
		12	13	21.98	22.17	22.18	22.50	1
		25	0	22.05	22.15	22.13	22.50	1
5	16-QAM	1	0	22.10	22.14	22.06	22.50	1
		1	12	22.07	22.04	22.23	22.50	1
		1	24	22.11	22.02	22.19	22.50	1
		12	0	21.13	21.07	21.07	21.50	2
		12	6	21.09	21.06	21.18	21.50	2
		12	13	21.13	21.10	21.13	21.50	2
		25	0	21.10	21.10	21.22	21.50	2
5	64-QAM	1	0	20.98	21.01	21.05	21.50	2
		1	12	21.08	21.12	21.13	21.50	2
		1	24	21.05	21.14	21.23	21.50	2
		12	0	19.97	20.18	20.17	20.50	3
		12	6	20.13	20.13	20.21	20.50	3
		12	13	20.08	20.14	20.08	20.50	3
		25	0	19.95	20.04	20.04	20.50	3
5	256-QAM	1	0	20.10	20.03	20.16	20.50	3
		1	12	20.04	20.15	20.14	20.50	3
		1	24	20.00	19.99	20.14	20.50	3
		12	0	19.08	19.10	19.13	19.50	4
		12	6	19.12	19.10	19.18	19.50	4
		12	13	18.94	19.16	19.21	19.50	4
		25	0	19.04	19.17	19.06	19.50	4

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LTE Band 25								
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Frequency (MHz)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	23.04	23.04	23.05	23.50	0
		1	7	22.99	23.03	23.20	23.50	0
		1	14	23.09	23.14	23.21	23.50	0
		8	0	22.11	22.04	22.10	22.50	1
		8	4	22.02	22.10	22.09	22.50	1
		8	7	22.06	22.13	22.18	22.50	1
		15	0	22.00	22.15	22.05	22.50	1
3	16-QAM	1	0	22.09	22.05	22.08	22.50	1
		1	7	22.06	22.04	22.08	22.50	1
		1	14	22.10	22.19	22.17	22.50	1
		8	0	21.08	21.17	21.11	21.50	2
		8	4	20.98	21.00	21.04	21.50	2
		8	7	21.12	21.09	21.13	21.50	2
		15	0	21.10	21.06	21.09	21.50	2
3	64-QAM	1	0	21.00	21.12	21.21	21.50	2
		1	7	20.99	21.10	21.09	21.50	2
		1	14	21.02	20.99	21.09	21.50	2
		8	0	20.03	20.00	20.23	20.50	3
		8	4	20.14	20.05	20.07	20.50	3
		8	7	19.98	20.02	20.19	20.50	3
		15	0	19.99	20.02	20.17	20.50	3
3	256-QAM	1	0	20.07	20.06	20.09	20.50	3
		1	7	20.11	20.12	20.12	20.50	3
		1	14	19.97	20.11	20.06	20.50	3
		8	0	19.11	19.14	19.22	19.50	4
		8	4	19.07	19.02	19.21	19.50	4
		8	7	18.97	19.02	19.11	19.50	4
		15	0	19.11	19.16	19.23	19.50	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	23.14	23.06	23.17	23.50	0
		1	2	23.11	23.07	23.05	23.50	0
		1	5	23.05	23.07	23.17	23.50	0
		3	0	23.03	23.09	23.14	23.50	0
		3	2	23.05	22.99	23.06	23.50	0
		3	3	22.99	23.14	23.17	23.50	0
		6	0	21.95	22.06	22.05	22.50	1
1.4	16-QAM	1	0	21.97	22.03	22.14	22.50	1
		1	2	21.96	22.15	22.17	22.50	1
		1	5	21.99	22.05	22.13	22.50	1
		3	0	22.10	22.10	22.14	22.50	1
		3	2	22.00	22.15	22.07	22.50	1
		3	3	22.08	22.12	22.14	22.50	1
		6	0	21.10	20.99	21.10	21.50	2
1.4	64-QAM	1	0	21.12	21.07	21.20	21.50	2
		1	2	21.13	21.08	21.08	21.50	2
		1	5	21.02	21.19	21.11	21.50	2
		3	0	21.01	21.06	21.05	21.50	2
		3	2	21.04	21.12	21.21	21.50	2
		3	3	21.00	21.15	21.12	21.50	2
		6	0	20.06	20.18	20.22	20.50	3
1.4	256-QAM	1	0	19.96	20.18	20.11	20.50	3
		1	2	20.11	20.17	20.15	20.50	3
		1	5	19.99	20.15	20.19	20.50	3
		3	0	20.02	20.18	20.17	20.50	3
		3	2	20.07	20.16	20.18	20.50	3
		3	3	19.96	20.17	20.14	20.50	3
		6	0	18.95	19.09	19.09	19.50	4

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LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					27710			
10	QPSK	1	0		22.96		23.00	0
		1	25		22.81		23.00	0
		1	49		22.95		23.00	0
		25	0		21.67		22.00	1
		25	12		21.84		22.00	1
		25	25		21.83		22.00	1
		50	0		21.71		22.00	1
10	16-QAM	1	0		21.85		22.00	1
		1	25		21.87		22.00	1
		1	49		21.70		22.00	1
		25	0		20.72		21.00	2
		25	12		20.86		21.00	2
		25	25		20.77		21.00	2
		50	0		20.86		21.00	2
10	64-QAM	1	0		20.89		21.00	2
		1	25		20.94		21.00	2
		1	49		20.89		21.00	2
		25	0		19.69		20.00	3
		25	12		19.71		20.00	3
		25	25		19.87		20.00	3
		50	0		19.79		20.00	3
10	256-QAM	1	0		19.81		20.00	3
		1	25		19.70		20.00	3
		1	49		19.70		20.00	3
		25	0		18.93		19.00	4
		25	12		18.72		19.00	4
		25	25		18.89		19.00	4
		50	0		18.77		19.00	4

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LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				27685	27710	27735		
5	QPSK	1	0	22.81	22.77	22.66	23.00	0
		1	12	22.88	22.70	22.72	23.00	0
		1	24	22.64	22.88	22.66	23.00	0
		12	0	21.73	21.84	21.70	22.00	1
		12	6	21.65	21.87	21.82	22.00	1
		12	13	21.83	21.72	21.76	22.00	1
		25	0	21.90	21.78	21.73	22.00	1
5	16-QAM	1	0	21.77	21.67	21.84	22.00	1
		1	12	21.82	21.80	21.67	22.00	1
		1	24	21.73	21.91	21.77	22.00	1
		12	0	20.71	20.73	20.71	21.00	2
		12	6	20.74	20.77	20.75	21.00	2
		12	13	20.83	20.76	20.66	21.00	2
		25	0	20.66	20.78	20.68	21.00	2
5	64-QAM	1	0	20.78	20.78	20.86	21.00	2
		1	12	20.82	20.96	20.81	21.00	2
		1	24	20.72	20.92	20.77	21.00	2
		12	0	19.85	19.77	19.76	20.00	3
		12	6	19.89	19.88	19.75	20.00	3
		12	13	19.77	19.81	19.71	20.00	3
		25	0	19.73	19.89	19.87	20.00	3
5	256-QAM	1	0	19.73	19.84	19.75	20.00	3
		1	12	19.68	19.80	19.74	20.00	3
		1	24	19.74	19.77	19.79	20.00	3
		12	0	18.85	18.67	18.79	19.00	4
		12	6	18.68	18.89	18.79	19.00	4
		12	13	18.69	18.82	18.69	19.00	4
		25	0	18.72	18.81	18.66	19.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	23.14	23.07	23.12	24.00	0
		1	50	23.07	23.06	22.97	24.00	0
		1	99	22.96	22.96	22.98	24.00	0
		50	0	21.94	21.95	22.02	23.00	1
		50	25	22.01	21.94	21.97	23.00	1
		50	50	22.02	22.02	22.09	23.00	1
		100	0	22.07	21.89	22.09	23.00	1
20	16-QAM	1	0	22.11	21.87	21.95	23.00	1
		1	50	22.10	21.89	21.93	23.00	1
		1	99	21.98	21.87	21.93	23.00	1
		50	0	20.95	21.01	21.00	22.00	2
		50	25	21.04	20.94	21.09	22.00	2
		50	50	21.12	21.01	21.05	22.00	2
		100	0	21.05	20.92	20.99	22.00	2
20	64-QAM	1	0	21.11	20.90	20.98	22.00	2
		1	50	21.09	20.92	20.96	22.00	2
		1	99	21.04	21.00	20.92	22.00	2
		50	0	20.01	19.92	20.07	21.00	3
		50	25	20.03	20.00	20.02	21.00	3
		50	50	19.95	19.99	20.00	21.00	3
		100	0	20.03	20.02	20.09	21.00	3
20	256-QAM	1	0	19.94	19.88	20.08	21.00	3
		1	50	20.12	19.97	20.02	21.00	3
		1	99	19.93	20.01	19.95	21.00	3
		50	0	19.03	19.05	19.04	20.00	4
		50	25	19.08	18.89	19.01	20.00	4
		50	50	19.06	18.86	18.93	20.00	4
		100	0	18.94	18.96	18.91	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)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	23.05	22.97	23.02	24.00	0
		1	36	23.08	23.01	23.03	24.00	0
		1	74	22.94	22.97	22.99	24.00	0
		36	0	22.07	21.87	21.99	23.00	1
		36	18	22.10	21.90	21.94	23.00	1
		36	37	22.08	22.02	22.10	23.00	1
		75	0	22.07	21.98	21.97	23.00	1
15	16-QAM	1	0	22.05	21.93	22.09	23.00	1
		1	36	22.07	22.05	22.05	23.00	1
		1	74	22.06	21.96	22.01	23.00	1
		36	0	21.06	20.90	21.08	22.00	2
		36	18	21.05	20.91	21.03	22.00	2
		36	37	21.07	21.05	20.92	22.00	2
		75	0	20.98	21.02	20.96	22.00	2
15	64-QAM	1	0	21.01	20.89	20.99	22.00	2
		1	36	20.97	20.93	21.10	22.00	2
		1	74	21.02	21.03	20.96	22.00	2
		36	0	20.00	19.98	19.95	21.00	3
		36	18	20.07	19.94	20.07	21.00	3
		36	37	20.04	19.96	20.08	21.00	3
		75	0	19.97	19.97	20.10	21.00	3
15	256-QAM	1	0	20.09	19.91	20.07	21.00	3
		1	36	20.03	19.87	19.96	21.00	3
		1	74	20.04	19.97	20.08	21.00	3
		36	0	19.11	18.89	19.02	20.00	4
		36	18	19.06	18.96	19.05	20.00	4
		36	37	18.93	19.06	18.99	20.00	4
		75	0	19.06	18.89	18.96	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	23.11	23.02	23.01	24.00	0
		1	25	22.94	23.05	23.09	24.00	0
		1	49	23.12	22.91	22.95	24.00	0
		25	0	21.96	22.00	22.07	23.00	1
		25	12	22.07	21.88	21.94	23.00	1
		25	25	22.08	22.02	21.92	23.00	1
		50	0	22.03	21.94	22.00	23.00	1
10	16-QAM	1	0	22.07	22.02	22.09	23.00	1
		1	25	21.99	21.93	22.09	23.00	1
		1	49	22.11	22.06	22.06	23.00	1
		25	0	21.06	20.95	20.92	22.00	2
		25	12	21.13	21.04	21.09	22.00	2
		25	25	21.07	21.02	20.94	22.00	2
		50	0	20.98	21.02	20.91	22.00	2
10	64-QAM	1	0	21.00	21.03	21.09	22.00	2
		1	25	21.01	21.00	21.09	22.00	2
		1	49	21.01	20.96	21.07	22.00	2
		25	0	20.12	19.93	20.04	21.00	3
		25	12	20.09	19.98	20.09	21.00	3
		25	25	19.99	19.91	19.99	21.00	3
		50	0	20.07	20.00	19.93	21.00	3
10	256-QAM	1	0	19.97	19.95	20.06	21.00	3
		1	25	20.13	19.94	20.03	21.00	3
		1	49	19.96	19.97	20.10	21.00	3
		25	0	18.98	18.91	18.99	20.00	4
		25	12	18.99	18.99	19.07	20.00	4
		25	25	19.12	18.89	19.10	20.00	4
		50	0	19.10	18.88	19.11	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)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	23.04	22.97	22.99	24.00	0
		1	12	23.09	22.92	22.92	24.00	0
		1	24	23.10	22.94	22.97	24.00	0
		12	0	22.11	21.87	21.92	23.00	1
		12	6	22.07	22.05	21.97	23.00	1
		12	13	21.99	21.88	22.10	23.00	1
		25	0	21.98	21.91	22.08	23.00	1
5	16-QAM	1	0	22.04	21.95	22.01	23.00	1
		1	12	22.04	22.01	22.04	23.00	1
		1	24	21.97	21.93	22.03	23.00	1
		12	0	21.07	20.97	21.07	22.00	2
		12	6	20.96	20.91	21.02	22.00	2
		12	13	20.98	20.95	21.02	22.00	2
		25	0	21.03	20.91	21.05	22.00	2
5	64-QAM	1	0	21.13	20.87	21.09	22.00	2
		1	12	21.07	21.02	21.05	22.00	2
		1	24	21.00	20.94	20.95	22.00	2
		12	0	20.01	19.91	19.93	21.00	3
		12	6	20.07	19.99	20.09	21.00	3
		12	13	19.97	19.98	19.94	21.00	3
		25	0	19.96	19.96	19.95	21.00	3
5	256-QAM	1	0	20.12	19.94	19.97	21.00	3
		1	12	20.10	20.04	19.97	21.00	3
		1	24	20.00	20.02	19.95	21.00	3
		12	0	18.94	18.95	18.92	20.00	4
		12	6	19.11	18.87	19.02	20.00	4
		12	13	19.11	19.03	19.03	20.00	4
		25	0	18.96	18.88	18.94	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)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	23.06	22.88	22.91	24.00	0
		1	7	23.02	23.02	23.10	24.00	0
		1	14	23.02	23.02	22.95	24.00	0
		8	0	21.99	21.92	22.06	23.00	1
		8	4	22.03	21.94	22.01	23.00	1
		8	7	22.05	21.92	21.92	23.00	1
		15	0	21.97	22.05	21.99	23.00	1
3	16-QAM	1	0	22.01	22.03	22.00	23.00	1
		1	7	22.10	21.94	21.91	23.00	1
		1	14	22.11	21.95	22.03	23.00	1
		8	0	21.01	20.95	21.04	22.00	2
		8	4	21.04	21.05	21.04	22.00	2
		8	7	20.96	21.04	21.04	22.00	2
		15	0	21.04	21.02	20.97	22.00	2
3	64-QAM	1	0	20.97	20.93	20.99	22.00	2
		1	7	21.07	20.91	21.04	22.00	2
		1	14	21.04	20.96	21.03	22.00	2
		8	0	19.94	20.04	20.01	21.00	3
		8	4	20.13	19.93	20.01	21.00	3
		8	7	20.02	19.91	19.99	21.00	3
		15	0	19.97	19.94	20.09	21.00	3
3	256-QAM	1	0	19.94	19.87	19.98	21.00	3
		1	7	20.05	19.88	20.08	21.00	3
		1	14	20.08	19.97	19.97	21.00	3
		8	0	19.06	19.06	19.08	20.00	4
		8	4	19.10	19.06	19.03	20.00	4
		8	7	19.01	19.00	18.96	20.00	4
		15	0	19.07	18.98	18.97	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)				1710.7	1745	1779.3		
Channel				131979	132322	132665		
1.4	QPSK	1	0	22.99	23.05	23.09	24.00	0
		1	2	23.04	22.98	23.02	24.00	0
		1	5	22.94	22.93	22.96	24.00	0
		3	0	23.03	22.96	22.98	24.00	0
		3	2	23.00	22.92	22.92	24.00	0
		3	3	22.93	22.93	22.92	24.00	0
		6	0	22.04	21.93	21.92	23.00	1
1.4	16-QAM	1	0	22.05	22.03	21.99	23.00	1
		1	2	22.12	21.88	21.95	23.00	1
		1	5	22.07	21.89	21.95	23.00	1
		3	0	22.09	22.04	22.07	23.00	1
		3	2	22.12	21.89	22.00	23.00	1
		3	3	21.95	21.87	22.06	23.00	1
		6	0	20.94	20.93	20.91	22.00	2
1.4	64-QAM	1	0	20.98	20.97	21.05	22.00	2
		1	2	20.99	20.90	21.06	22.00	2
		1	5	21.07	20.90	20.98	22.00	2
		3	0	20.99	20.90	21.07	22.00	2
		3	2	21.09	20.92	21.09	22.00	2
		3	3	21.03	21.04	21.04	22.00	2
		6	0	19.98	20.03	20.01	21.00	3
1.4	256-QAM	1	0	20.12	19.91	20.00	21.00	3
		1	2	20.10	19.96	19.99	21.00	3
		1	5	19.98	20.04	19.97	21.00	3
		3	0	20.11	19.95	20.06	21.00	3
		3	2	20.02	19.98	20.01	21.00	3
		3	3	20.12	19.98	19.98	21.00	3
		6	0	19.03	18.86	18.95	20.00	4

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5.3 TDD LTE

ANT5

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	23.84	23.81	23.75	24.00	0
		1	50	23.65	23.78	23.54	24.00	0
		1	99	23.79	23.65	23.58	24.00	0
		50	0	22.81	22.76	22.73	23.00	1
		50	25	22.73	22.62	22.74	23.00	1
		50	50	22.63	22.61	22.55	23.00	1
		100	0	22.75	22.79	22.59	23.00	1
20	16-QAM	1	0	22.66	22.69	22.57	23.00	1
		1	50	22.74	22.64	22.69	23.00	1
		1	99	22.72	22.80	22.63	23.00	1
		50	0	21.80	21.74	21.73	22.00	2
		50	25	21.76	21.71	21.67	22.00	2
		50	50	21.78	21.70	21.62	22.00	2
		100	0	21.79	21.61	21.71	22.00	2
20	64-QAM	1	0	21.81	21.61	21.54	22.00	2
		1	50	21.71	21.76	21.56	22.00	2
		1	99	21.78	21.64	21.71	22.00	2
		50	0	20.69	20.77	20.56	21.00	3
		50	25	20.82	20.74	20.59	21.00	3
		50	50	20.64	20.62	20.72	21.00	3
		100	0	20.80	20.62	20.71	21.00	3
20	256-QAM	1	0	20.68	20.61	20.62	21.00	3
		1	50	20.82	20.64	20.55	21.00	3
		1	99	20.77	20.63	20.59	21.00	3
		50	0	19.78	19.60	19.57	20.00	4
		50	25	19.65	19.68	19.71	20.00	4
		50	50	19.80	19.67	19.54	20.00	4
		100	0	19.81	19.71	19.74	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	23.78	23.80	23.69	24.00	0
		1	36	23.74	23.67	23.61	24.00	0
		1	74	23.77	23.66	23.62	24.00	0
		36	0	22.66	22.76	22.69	23.00	1
		36	18	22.80	22.74	22.57	23.00	1
		36	37	22.64	22.70	22.56	23.00	1
		75	0	22.72	22.76	22.69	23.00	1
15	16-QAM	1	0	22.77	22.74	22.70	23.00	1
		1	36	22.67	22.74	22.66	23.00	1
		1	74	22.66	22.79	22.59	23.00	1
		36	0	21.65	21.76	21.55	22.00	2
		36	18	21.70	21.66	21.66	22.00	2
		36	37	21.80	21.77	21.67	22.00	2
		75	0	21.66	21.70	21.74	22.00	2
15	64-QAM	1	0	21.80	21.64	21.57	22.00	2
		1	36	21.71	21.71	21.68	22.00	2
		1	74	21.76	21.77	21.65	22.00	2
		36	0	20.65	20.63	20.57	21.00	3
		36	18	20.82	20.60	20.68	21.00	3
		36	37	20.69	20.74	20.54	21.00	3
		75	0	20.72	20.61	20.61	21.00	3
15	256-QAM	1	0	20.72	20.69	20.69	21.00	3
		1	36	20.73	20.63	20.71	21.00	3
		1	74	20.64	20.67	20.61	21.00	3
		36	0	19.81	19.72	19.55	20.00	4
		36	18	19.67	19.72	19.57	20.00	4
		36	37	19.72	19.67	19.66	20.00	4
		75	0	19.78	19.74	19.57	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)				2575	2595	2615		
Channel				37800	38000	38200		
10	QPSK	1	0	23.77	23.69	23.61	24.00	0
		1	25	23.64	23.70	23.63	24.00	0
		1	49	23.72	23.80	23.64	24.00	0
		25	0	22.66	22.77	22.60	23.00	1
		25	12	22.83	22.72	22.58	23.00	1
		25	25	22.81	22.68	22.58	23.00	1
		50	0	22.65	22.71	22.61	23.00	1
10	16-QAM	1	0	22.63	22.62	22.62	23.00	1
		1	25	22.83	22.74	22.57	23.00	1
		1	49	22.78	22.75	22.54	23.00	1
		25	0	21.70	21.63	21.61	22.00	2
		25	12	21.79	21.78	21.69	22.00	2
		25	25	21.66	21.65	21.57	22.00	2
		50	0	21.77	21.60	21.61	22.00	2
10	64-QAM	1	0	21.70	21.67	21.63	22.00	2
		1	25	21.65	21.69	21.61	22.00	2
		1	49	21.75	21.70	21.56	22.00	2
		25	0	20.79	20.77	20.65	21.00	3
		25	12	20.67	20.71	20.72	21.00	3
		25	25	20.66	20.74	20.67	21.00	3
		50	0	20.80	20.78	20.63	21.00	3
10	256-QAM	1	0	20.78	20.72	20.58	21.00	3
		1	25	20.65	20.76	20.55	21.00	3
		1	49	20.73	20.63	20.70	21.00	3
		25	0	19.81	19.72	19.66	20.00	4
		25	12	19.65	19.78	19.73	20.00	4
		25	25	19.70	19.62	19.60	20.00	4
		50	0	19.73	19.77	19.64	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	23.65	23.73	23.71	24.00	0
		1	12	23.76	23.63	23.58	24.00	0
		1	24	23.78	23.69	23.60	24.00	0
		12	0	22.64	22.70	22.56	23.00	1
		12	6	22.65	22.68	22.66	23.00	1
		12	13	22.76	22.74	22.72	23.00	1
		25	0	22.68	22.79	22.63	23.00	1
5	16-QAM	1	0	22.64	22.80	22.59	23.00	1
		1	12	22.71	22.70	22.64	23.00	1
		1	24	22.79	22.78	22.63	23.00	1
		12	0	21.70	21.73	21.72	22.00	2
		12	6	21.66	21.76	21.66	22.00	2
		12	13	21.66	21.78	21.72	22.00	2
		25	0	21.80	21.63	21.56	22.00	2
5	64-QAM	1	0	21.83	21.75	21.72	22.00	2
		1	12	21.65	21.69	21.63	22.00	2
		1	24	21.78	21.65	21.59	22.00	2
		12	0	20.74	20.65	20.72	21.00	3
		12	6	20.79	20.77	20.56	21.00	3
		12	13	20.72	20.71	20.62	21.00	3
		25	0	20.82	20.72	20.55	21.00	3
5	256-QAM	1	0	20.76	20.70	20.68	21.00	3
		1	12	20.70	20.62	20.61	21.00	3
		1	24	20.70	20.61	20.56	21.00	3
		12	0	19.80	19.69	19.63	20.00	4
		12	6	19.73	19.61	19.60	20.00	4
		12	13	19.73	19.80	19.58	20.00	4
		25	0	19.67	19.64	19.73	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	21.64	21.65	21.87	21.54	21.39	22.50	0
		1	50	21.58	21.60	21.82	21.50	21.18	22.50	0
		1	99	21.46	21.50	21.77	21.52	21.34	22.50	0
		50	0	20.62	20.52	20.85	20.39	20.21	21.50	1
		50	25	20.44	20.64	20.74	20.47	20.30	21.50	1
		50	50	20.48	20.50	20.69	20.38	20.27	21.50	1
		100	0	20.63	20.51	20.79	20.46	20.29	21.50	1
20	16-QAM	1	0	20.46	20.52	20.75	20.33	20.37	21.50	1
		1	50	20.55	20.58	20.69	20.47	20.32	21.50	1
		1	99	20.54	20.52	20.71	20.33	20.25	21.50	1
		50	0	19.60	19.59	19.77	19.35	19.19	20.50	2
		50	25	19.56	19.63	19.67	19.37	19.36	20.50	2
		50	50	19.56	19.45	19.67	19.35	19.22	20.50	2
		100	0	19.51	19.53	19.71	19.35	19.36	20.50	2
20	64-QAM	1	0	19.57	19.54	19.86	19.45	19.38	20.50	2
		1	50	19.47	19.58	19.74	19.52	19.33	20.50	2
		1	99	19.56	19.48	19.74	19.46	19.31	20.50	2
		50	0	18.51	18.58	18.67	18.38	18.18	19.50	3
		50	25	18.62	18.60	18.68	18.40	18.26	19.50	3
		50	50	18.58	18.47	18.76	18.43	18.20	19.50	3
		100	0	18.53	18.60	18.71	18.48	18.38	19.50	3
20	256-QAM	1	0	18.62	18.52	18.77	18.40	18.31	19.50	3
		1	50	18.60	18.62	18.76	18.46	18.33	19.50	3
		1	99	18.62	18.61	18.68	18.35	18.34	19.50	3
		50	0	17.48	17.48	17.83	17.49	17.26	18.50	4
		50	25	17.47	17.47	17.72	17.50	17.26	18.50	4
		50	50	17.49	17.56	17.70	17.46	17.38	18.50	4
		100	0	17.49	17.61	17.73	17.39	17.27	18.50	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	21.43	21.48	21.85	21.33	21.28	22.50	0
		1	36	21.58	21.53	21.77	21.42	21.35	22.50	0
		1	74	21.62	21.45	21.67	21.36	21.35	22.50	0
		36	0	20.47	20.51	20.75	20.36	20.22	21.50	1
		36	18	20.61	20.55	20.78	20.39	20.26	21.50	1
		36	37	20.57	20.60	20.73	20.46	20.25	21.50	1
		75	0	20.54	20.55	20.85	20.46	20.20	21.50	1
15	16-QAM	1	0	20.52	20.51	20.80	20.36	20.30	21.50	1
		1	36	20.54	20.54	20.73	20.39	20.34	21.50	1
		1	74	20.44	20.52	20.83	20.46	20.33	21.50	1
		36	0	19.51	19.45	19.69	19.38	19.19	20.50	2
		36	18	19.51	19.49	19.82	19.33	19.34	20.50	2
		36	37	19.53	19.46	19.71	19.46	19.23	20.50	2
		75	0	19.44	19.44	19.70	19.41	19.37	20.50	2
15	64-QAM	1	0	19.44	19.51	19.75	19.34	19.37	20.50	2
		1	36	19.49	19.60	19.83	19.34	19.32	20.50	2
		1	74	19.63	19.50	19.86	19.34	19.33	20.50	2
		36	0	18.48	18.63	18.84	18.43	18.23	19.50	3
		36	18	18.51	18.62	18.69	18.52	18.25	19.50	3
		36	37	18.54	18.56	18.83	18.45	18.35	19.50	3
		75	0	18.53	18.55	18.81	18.50	18.24	19.50	3
15	256-QAM	1	0	18.52	18.63	18.79	18.45	18.36	19.50	3
		1	36	18.61	18.64	18.85	18.39	18.21	19.50	3
		1	74	18.53	18.60	18.74	18.46	18.29	19.50	3
		36	0	17.55	17.45	17.82	17.51	17.37	18.50	4
		36	18	17.60	17.47	17.85	17.38	17.19	18.50	4
		36	37	17.52	17.52	17.67	17.43	17.37	18.50	4
		75	0	17.52	17.57	17.75	17.37	17.27	18.50	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	21.50	21.54	21.77	21.45	21.21	22.50	0
		1	25	21.55	21.56	21.80	21.48	21.38	22.50	0
		1	49	21.56	21.58	21.66	21.40	21.20	22.50	0
		25	0	20.51	20.56	20.78	20.38	20.30	21.50	1
		25	12	20.63	20.45	20.68	20.42	20.28	21.50	1
		25	25	20.48	20.55	20.74	20.47	20.20	21.50	1
		50	0	20.57	20.53	20.73	20.35	20.32	21.50	1
10	16-QAM	1	0	20.55	20.55	20.83	20.36	20.36	21.50	1
		1	25	20.45	20.59	20.71	20.45	20.28	21.50	1
		1	49	20.57	20.58	20.84	20.52	20.20	21.50	1
		25	0	19.47	19.59	19.75	19.52	19.31	20.50	2
		25	12	19.54	19.55	19.69	19.45	19.29	20.50	2
		25	25	19.49	19.63	19.77	19.46	19.19	20.50	2
		50	0	19.53	19.62	19.74	19.35	19.30	20.50	2
10	64-QAM	1	0	19.59	19.61	19.70	19.36	19.36	20.50	2
		1	25	19.61	19.54	19.68	19.43	19.33	20.50	2
		1	49	19.59	19.47	19.67	19.37	19.31	20.50	2
		25	0	18.61	18.58	18.78	18.37	18.24	19.50	3
		25	12	18.52	18.61	18.86	18.33	18.28	19.50	3
		25	25	18.62	18.60	18.72	18.53	18.24	19.50	3
		50	0	18.55	18.62	18.73	18.37	18.26	19.50	3
10	256-QAM	1	0	18.48	18.58	18.75	18.49	18.33	19.50	3
		1	25	18.55	18.64	18.68	18.35	18.34	19.50	3
		1	49	18.63	18.61	18.70	18.47	18.33	19.50	3
		25	0	17.53	17.52	17.70	17.47	17.20	18.50	4
		25	12	17.58	17.46	17.81	17.44	17.30	18.50	4
		25	25	17.46	17.58	17.76	17.39	17.34	18.50	4
		50	0	17.59	17.51	17.76	17.53	17.33	18.50	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	21.51	21.52	21.73	21.44	21.31	22.50	0
		1	12	21.50	21.47	21.72	21.51	21.32	22.50	0
		1	24	21.59	21.53	21.76	21.44	21.27	22.50	0
		12	0	20.49	20.48	20.78	20.46	20.19	21.50	1
		12	6	20.49	20.55	20.71	20.50	20.29	21.50	1
		12	13	20.52	20.51	20.80	20.46	20.27	21.50	1
		25	0	20.61	20.61	20.77	20.38	20.26	21.50	1
5	16-QAM	1	0	20.53	20.47	20.81	20.53	20.36	21.50	1
		1	12	20.48	20.52	20.72	20.37	20.20	21.50	1
		1	24	20.54	20.53	20.69	20.48	20.33	21.50	1
		12	0	19.58	19.54	19.81	19.34	19.34	20.50	2
		12	6	19.45	19.55	19.76	19.36	19.25	20.50	2
		12	13	19.53	19.55	19.81	19.42	19.24	20.50	2
		25	0	19.59	19.56	19.84	19.46	19.27	20.50	2
5	64-QAM	1	0	19.59	19.46	19.76	19.48	19.30	20.50	2
		1	12	19.51	19.50	19.80	19.42	19.29	20.50	2
		1	24	19.44	19.49	19.75	19.47	19.25	20.50	2
		12	0	18.56	18.63	18.74	18.47	18.27	19.50	3
		12	6	18.62	18.59	18.85	18.46	18.27	19.50	3
		12	13	18.49	18.63	18.68	18.49	18.32	19.50	3
		25	0	18.43	18.54	18.78	18.40	18.26	19.50	3
5	256-QAM	1	0	18.44	18.45	18.76	18.40	18.22	19.50	3
		1	12	18.62	18.60	18.69	18.45	18.28	19.50	3
		1	24	18.59	18.58	18.81	18.50	18.23	19.50	3
		12	0	17.43	17.61	17.71	17.53	17.25	18.50	4
		12	6	17.47	17.52	17.80	17.43	17.34	18.50	4
		12	13	17.63	17.56	17.80	17.52	17.36	18.50	4
		25	0	17.58	17.57	17.82	17.47	17.23	18.50	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)				3460	3500	3540		
Channel				42190	42590	42990		
20	QPSK	1	0	23.72	23.79	23.74	24.00	0
		1	50	23.59	23.69	23.61	24.00	0
		1	99	23.60	23.67	23.63	24.00	0
		50	0	22.60	22.70	22.61	23.00	1
		50	25	22.70	22.75	22.70	23.00	1
		50	50	22.62	22.69	22.65	23.00	1
		100	0	22.51	22.59	22.57	23.00	1
20	16-QAM	1	0	22.62	22.69	22.65	23.00	1
		1	50	22.55	22.78	22.73	23.00	1
		1	99	22.69	22.59	22.58	23.00	1
		50	0	21.57	21.77	21.71	22.00	2
		50	25	21.61	21.75	21.65	22.00	2
		50	50	21.61	21.73	21.55	22.00	2
		100	0	21.58	21.63	21.64	22.00	2
20	64-QAM	1	0	21.69	21.64	21.65	22.00	2
		1	50	21.60	21.69	21.59	22.00	2
		1	99	21.59	21.77	21.72	22.00	2
		50	0	20.63	20.63	20.56	21.00	3
		50	25	20.59	20.72	20.64	21.00	3
		50	50	20.57	20.68	20.70	21.00	3
		100	0	20.61	20.74	20.64	21.00	3
20	256-QAM	1	0	20.56	20.65	20.64	21.00	3
		1	50	20.67	20.75	20.57	21.00	3
		1	99	20.55	20.72	20.58	21.00	3
		50	0	19.71	19.71	19.61	20.00	4
		50	25	19.63	19.71	19.61	20.00	4
		50	50	19.62	19.70	19.67	20.00	4
		100	0	19.71	19.74	19.71	20.00	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	23.53	23.68	23.67	24.00	0
		1	36	23.52	23.63	23.61	24.00	0
		1	74	23.64	23.62	23.53	24.00	0
		36	0	22.60	22.74	22.66	23.00	1
		36	18	22.55	22.63	22.69	23.00	1
		36	37	22.62	22.60	22.57	23.00	1
		75	0	22.60	22.61	22.66	23.00	1
15	16-QAM	1	0	22.57	22.67	22.71	23.00	1
		1	36	22.63	22.69	22.59	23.00	1
		1	74	22.57	22.78	22.69	23.00	1
		36	0	21.54	21.60	21.53	22.00	2
		36	18	21.61	21.61	21.60	22.00	2
		36	37	21.52	21.77	21.72	22.00	2
		75	0	21.65	21.74	21.71	22.00	2
15	64-QAM	1	0	21.71	21.77	21.58	22.00	2
		1	36	21.71	21.60	21.73	22.00	2
		1	74	21.71	21.68	21.59	22.00	2
		36	0	20.70	20.67	20.66	21.00	3
		36	18	20.52	20.61	20.58	21.00	3
		36	37	20.62	20.67	20.62	21.00	3
		75	0	20.71	20.62	20.60	21.00	3
15	256-QAM	1	0	20.62	20.78	20.72	21.00	3
		1	36	20.69	20.74	20.56	21.00	3
		1	74	20.61	20.60	20.69	21.00	3
		36	0	19.55	19.75	19.57	20.00	4
		36	18	19.63	19.59	19.65	20.00	4
		36	37	19.62	19.60	19.72	20.00	4
		75	0	19.54	19.63	19.62	20.00	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	23.55	23.66	23.70	24.00	0
		1	25	23.71	23.76	23.55	24.00	0
		1	49	23.57	23.64	23.73	24.00	0
		25	0	22.57	22.60	22.72	23.00	1
		25	12	22.64	22.62	22.59	23.00	1
		25	25	22.61	22.58	22.64	23.00	1
		50	0	22.52	22.76	22.68	23.00	1
10	16-QAM	1	0	22.55	22.71	22.70	23.00	1
		1	25	22.57	22.77	22.60	23.00	1
		1	49	22.53	22.60	22.59	23.00	1
		25	0	21.64	21.71	21.67	22.00	2
		25	12	21.64	21.75	21.56	22.00	2
		25	25	21.53	21.63	21.56	22.00	2
		50	0	21.64	21.64	21.69	22.00	2
10	64-QAM	1	0	21.60	21.68	21.69	22.00	2
		1	25	21.59	21.60	21.67	22.00	2
		1	49	21.58	21.76	21.71	22.00	2
		25	0	20.68	20.69	20.59	21.00	3
		25	12	20.53	20.70	20.63	21.00	3
		25	25	20.63	20.65	20.64	21.00	3
		50	0	20.52	20.74	20.70	21.00	3
10	256-QAM	1	0	20.63	20.75	20.58	21.00	3
		1	25	20.65	20.74	20.57	21.00	3
		1	49	20.66	20.62	20.67	21.00	3
		25	0	19.58	19.64	19.69	20.00	4
		25	12	19.57	19.76	19.57	20.00	4
		25	25	19.61	19.69	19.62	20.00	4
		50	0	19.66	19.77	19.53	20.00	4

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LTE Band 42_Part1								
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Frequency (MHz)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	23.67	23.74	23.59	24.00	0
		1	12	23.55	23.71	23.66	24.00	0
		1	24	23.59	23.61	23.66	24.00	0
		12	0	22.70	22.70	22.72	23.00	1
		12	6	22.71	22.75	22.65	23.00	1
		12	13	22.68	22.67	22.53	23.00	1
		25	0	22.59	22.77	22.61	23.00	1
5	16-QAM	1	0	22.52	22.74	22.57	23.00	1
		1	12	22.61	22.67	22.59	23.00	1
		1	24	22.54	22.60	22.56	23.00	1
		12	0	21.53	21.58	21.54	22.00	2
		12	6	21.64	21.63	21.69	22.00	2
		12	13	21.53	21.60	21.64	22.00	2
		25	0	21.67	21.77	21.59	22.00	2
5	64-QAM	1	0	21.64	21.73	21.55	22.00	2
		1	12	21.63	21.73	21.56	22.00	2
		1	24	21.65	21.73	21.68	22.00	2
		12	0	20.64	20.60	20.64	21.00	3
		12	6	20.71	20.66	20.62	21.00	3
		12	13	20.67	20.63	20.64	21.00	3
		25	0	20.59	20.62	20.65	21.00	3
5	256-QAM	1	0	20.54	20.61	20.65	21.00	3
		1	12	20.69	20.74	20.68	21.00	3
		1	24	20.54	20.69	20.55	21.00	3
		12	0	19.56	19.62	19.73	20.00	4
		12	6	19.66	19.59	19.62	20.00	4
		12	13	19.70	19.74	19.69	20.00	4
		25	0	19.69	19.76	19.69	20.00	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	23.75	23.71	23.76	24.00	0
		1	50	23.61	23.64	23.63	24.00	0
		1	99	23.69	23.61	23.61	24.00	0
		50	0	22.61	22.59	22.68	23.00	1
		50	25	22.58	22.68	22.74	23.00	1
		50	50	22.57	22.68	22.74	23.00	1
		100	0	22.59	22.69	22.64	23.00	1
20	16-QAM	1	0	22.61	22.60	22.73	23.00	1
		1	50	22.59	22.65	22.66	23.00	1
		1	99	22.69	22.58	22.73	23.00	1
		50	0	21.69	21.62	21.68	22.00	2
		50	25	21.63	21.58	21.56	22.00	2
		50	50	21.67	21.63	21.65	22.00	2
		100	0	21.73	21.51	21.73	22.00	2
20	64-QAM	1	0	21.57	21.56	21.57	22.00	2
		1	50	21.67	21.50	21.73	22.00	2
		1	99	21.69	21.68	21.70	22.00	2
		50	0	20.62	20.69	20.67	21.00	3
		50	25	20.65	20.57	20.59	21.00	3
		50	50	20.70	20.51	20.74	21.00	3
		100	0	20.67	20.52	20.66	21.00	3
20	256-QAM	1	0	20.60	20.66	20.73	21.00	3
		1	50	20.58	20.55	20.59	21.00	3
		1	99	20.67	20.63	20.66	21.00	3
		50	0	19.55	19.66	19.61	20.00	4
		50	25	19.74	19.61	19.72	20.00	4
		50	50	19.65	19.69	19.65	20.00	4
		100	0	19.56	19.68	19.68	20.00	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	23.58	23.63	23.73	24.00	0
		1	36	23.74	23.65	23.74	24.00	0
		1	74	23.65	23.53	23.65	24.00	0
		36	0	22.68	22.64	22.56	23.00	1
		36	18	22.61	22.61	22.58	23.00	1
		36	37	22.73	22.63	22.70	23.00	1
		75	0	22.67	22.51	22.57	23.00	1
15	16-QAM	1	0	22.65	22.57	22.71	23.00	1
		1	36	22.62	22.56	22.59	23.00	1
		1	74	22.72	22.57	22.58	23.00	1
		36	0	21.56	21.69	21.55	22.00	2
		36	18	21.72	21.57	21.68	22.00	2
		36	37	21.62	21.65	21.60	22.00	2
		75	0	21.66	21.55	21.75	22.00	2
15	64-QAM	1	0	21.60	21.57	21.67	22.00	2
		1	36	21.58	21.66	21.60	22.00	2
		1	74	21.54	21.64	21.62	22.00	2
		36	0	20.73	20.69	20.61	21.00	3
		36	18	20.61	20.55	20.57	21.00	3
		36	37	20.57	20.56	20.69	21.00	3
		75	0	20.74	20.68	20.65	21.00	3
15	256-QAM	1	0	20.63	20.63	20.61	21.00	3
		1	36	20.69	20.65	20.65	21.00	3
		1	74	20.64	20.66	20.70	21.00	3
		36	0	19.66	19.63	19.64	20.00	4
		36	18	19.71	19.57	19.74	20.00	4
		36	37	19.71	19.54	19.73	20.00	4
		75	0	19.64	19.57	19.74	20.00	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	23.56	23.65	23.67	24.00	0
		1	25	23.70	23.66	23.63	24.00	0
		1	49	23.64	23.66	23.58	24.00	0
		25	0	22.70	22.60	22.73	23.00	1
		25	12	22.62	22.58	22.65	23.00	1
		25	25	22.69	22.59	22.65	23.00	1
		50	0	22.60	22.60	22.61	23.00	1
10	16-QAM	1	0	22.61	22.59	22.69	23.00	1
		1	25	22.64	22.66	22.70	23.00	1
		1	49	22.65	22.67	22.69	23.00	1
		25	0	21.69	21.58	21.56	22.00	2
		25	12	21.59	21.64	21.61	22.00	2
		25	25	21.70	21.57	21.58	22.00	2
		50	0	21.67	21.55	21.65	22.00	2
10	64-QAM	1	0	21.61	21.63	21.74	22.00	2
		1	25	21.74	21.55	21.69	22.00	2
		1	49	21.68	21.59	21.74	22.00	2
		25	0	20.68	20.54	20.59	21.00	3
		25	12	20.58	20.51	20.57	21.00	3
		25	25	20.68	20.65	20.66	21.00	3
		50	0	20.56	20.50	20.66	21.00	3
10	256-QAM	1	0	20.70	20.55	20.66	21.00	3
		1	25	20.63	20.63	20.71	21.00	3
		1	49	20.69	20.65	20.74	21.00	3
		25	0	19.61	19.68	19.66	20.00	4
		25	12	19.67	19.59	19.74	20.00	4
		25	25	19.60	19.53	19.74	20.00	4
		50	0	19.71	19.51	19.75	20.00	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	23.58	23.59	23.59	24.00	0
		1	12	23.74	23.59	23.66	24.00	0
		1	24	23.68	23.56	23.75	24.00	0
		12	0	22.63	22.55	22.56	23.00	1
		12	6	22.59	22.66	22.67	23.00	1
		12	13	22.59	22.61	22.57	23.00	1
		25	0	22.55	22.57	22.58	23.00	1
5	16-QAM	1	0	22.68	22.51	22.58	23.00	1
		1	12	22.67	22.65	22.63	23.00	1
		1	24	22.69	22.69	22.64	23.00	1
		12	0	21.63	21.53	21.66	22.00	2
		12	6	21.72	21.59	21.59	22.00	2
		12	13	21.73	21.50	21.56	22.00	2
		25	0	21.67	21.68	21.62	22.00	2
5	64-QAM	1	0	21.60	21.56	21.64	22.00	2
		1	12	21.73	21.54	21.69	22.00	2
		1	24	21.61	21.65	21.57	22.00	2
		12	0	20.69	20.51	20.65	21.00	3
		12	6	20.60	20.66	20.58	21.00	3
		12	13	20.73	20.57	20.60	21.00	3
		25	0	20.61	20.57	20.71	21.00	3
5	256-QAM	1	0	20.68	20.69	20.60	21.00	3
		1	12	20.63	20.52	20.70	21.00	3
		1	24	20.57	20.64	20.57	21.00	3
		12	0	19.61	19.61	19.73	20.00	4
		12	6	19.55	19.54	19.61	20.00	4
		12	13	19.73	19.62	19.67	20.00	4
		25	0	19.66	19.64	19.66	20.00	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)				3660	3662.5	3665		
Channel				44190	44215	44240		
20	QPSK	1	0	22.31	22.39	22.42	22.50	0
		1	50	22.39	22.23	22.39	22.50	0
		1	99	22.30	22.30	22.29	22.50	0
		50	0	21.21	21.39	21.25	21.50	1
		50	25	21.39	21.26	21.35	21.50	1
		50	50	21.36	21.22	21.23	21.50	1
		100	0	21.31	21.33	21.27	21.50	1
20	16-QAM	1	0	21.40	21.35	21.40	21.50	1
		1	50	21.22	21.29	21.25	21.50	1
		1	99	21.35	21.37	21.26	21.50	1
		50	0	20.37	20.21	20.24	20.50	2
		50	25	20.21	20.39	20.24	20.50	2
		50	50	20.35	20.39	20.25	20.50	2
		100	0	20.21	20.23	20.20	20.50	2
20	64-QAM	1	0	20.25	20.24	20.23	20.50	2
		1	50	20.35	20.21	20.36	20.50	2
		1	99	20.22	20.23	20.33	20.50	2
		50	0	19.40	19.36	19.36	19.50	3
		50	25	19.32	19.37	19.29	19.50	3
		50	50	19.38	19.36	19.39	19.50	3
		100	0	19.30	19.26	19.34	19.50	3
20	256-QAM	1	0	19.21	19.35	19.27	19.50	3
		1	50	19.34	19.24	19.37	19.50	3
		1	99	19.21	19.32	19.20	19.50	3
		50	0	18.27	18.29	18.22	18.50	4
		50	25	18.29	18.28	18.29	18.50	4
		50	50	18.31	18.25	18.29	18.50	4
		100	0	18.24	18.36	18.28	18.50	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	22.38	22.21	22.23	22.50	0
		1	36	22.31	22.28	22.25	22.50	0
		1	74	22.36	22.37	22.23	22.50	0
		36	0	21.29	21.27	21.34	21.50	1
		36	18	21.37	21.22	21.34	21.50	1
		36	37	21.39	21.32	21.26	21.50	1
		75	0	21.35	21.21	21.29	21.50	1
15	16-QAM	1	0	21.34	21.31	21.33	21.50	1
		1	36	21.27	21.23	21.36	21.50	1
		1	74	21.36	21.24	21.30	21.50	1
		36	0	20.24	20.38	20.25	20.50	2
		36	18	20.37	20.31	20.30	20.50	2
		36	37	20.31	20.36	20.36	20.50	2
		75	0	20.35	20.38	20.37	20.50	2
15	64-QAM	1	0	20.30	20.39	20.38	20.50	2
		1	36	20.23	20.27	20.31	20.50	2
		1	74	20.23	20.29	20.20	20.50	2
		36	0	19.25	19.39	19.33	19.50	3
		36	18	19.28	19.32	19.38	19.50	3
		36	37	19.36	19.31	19.36	19.50	3
		75	0	19.24	19.34	19.34	19.50	3
15	256-QAM	1	0	19.35	19.29	19.35	19.50	3
		1	36	19.31	19.31	19.33	19.50	3
		1	74	19.25	19.33	19.24	19.50	3
		36	0	18.39	18.21	18.25	18.50	4
		36	18	18.23	18.29	18.29	18.50	4
		36	37	18.22	18.38	18.25	18.50	4
		75	0	18.35	18.20	18.29	18.50	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)				3655	3662.5	3670		
Channel				44140	44215	44290		
10	QPSK	1	0	22.39	22.31	22.30	22.50	0
		1	25	22.30	22.35	22.25	22.50	0
		1	49	22.37	22.32	22.35	22.50	0
		25	0	21.23	21.22	21.34	21.50	1
		25	12	21.29	21.35	21.28	21.50	1
		25	25	21.23	21.38	21.23	21.50	1
		50	0	21.24	21.34	21.31	21.50	1
10	16-QAM	1	0	21.31	21.31	21.25	21.50	1
		1	25	21.24	21.30	21.29	21.50	1
		1	49	21.33	21.37	21.21	21.50	1
		25	0	20.37	20.38	20.34	20.50	2
		25	12	20.38	20.21	20.24	20.50	2
		25	25	20.28	20.27	20.30	20.50	2
		50	0	20.34	20.20	20.35	20.50	2
10	64-QAM	1	0	20.33	20.38	20.28	20.50	2
		1	25	20.37	20.28	20.25	20.50	2
		1	49	20.32	20.27	20.27	20.50	2
		25	0	19.34	19.35	19.31	19.50	3
		25	12	19.24	19.21	19.20	19.50	3
		25	25	19.33	19.33	19.34	19.50	3
		50	0	19.29	19.26	19.30	19.50	3
10	256-QAM	1	0	19.24	19.37	19.35	19.50	3
		1	25	19.22	19.23	19.31	19.50	3
		1	49	19.34	19.22	19.38	19.50	3
		25	0	18.22	18.33	18.20	18.50	4
		25	12	18.22	18.27	18.40	18.50	4
		25	25	18.32	18.40	18.30	18.50	4
		50	0	18.21	18.28	18.23	18.50	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	22.28	22.26	22.25	22.50	0
		1	12	22.24	22.22	22.23	22.50	0
		1	24	22.26	22.39	22.30	22.50	0
		12	0	21.37	21.32	21.27	21.50	1
		12	6	21.31	21.37	21.25	21.50	1
		12	13	21.20	21.28	21.26	21.50	1
		25	0	21.24	21.38	21.24	21.50	1
5	16-QAM	1	0	21.23	21.23	21.20	21.50	1
		1	12	21.39	21.38	21.22	21.50	1
		1	24	21.23	21.29	21.29	21.50	1
		12	0	20.36	20.37	20.21	20.50	2
		12	6	20.39	20.22	20.31	20.50	2
		12	13	20.34	20.25	20.21	20.50	2
		25	0	20.39	20.36	20.30	20.50	2
5	64-QAM	1	0	20.36	20.37	20.29	20.50	2
		1	12	20.30	20.28	20.34	20.50	2
		1	24	20.31	20.38	20.31	20.50	2
		12	0	19.32	19.25	19.35	19.50	3
		12	6	19.37	19.21	19.25	19.50	3
		12	13	19.31	19.39	19.26	19.50	3
		25	0	19.36	19.33	19.30	19.50	3
5	256-QAM	1	0	19.32	19.38	19.31	19.50	3
		1	12	19.31	19.25	19.32	19.50	3
		1	24	19.33	19.34	19.39	19.50	3
		12	0	18.30	18.34	18.24	18.50	4
		12	6	18.40	18.21	18.32	18.50	4
		12	13	18.32	18.35	18.22	18.50	4
		25	0	18.27	18.23	18.32	18.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	21.76	21.71	21.67	21.70	22.00	0
		1	50	21.72	21.59	21.63	21.51	22.00	0
		1	99	21.57	21.68	21.60	21.53	22.00	0
		50	0	20.62	20.66	20.56	20.62	21.00	1
		50	25	20.60	20.64	20.63	20.66	21.00	1
		50	50	20.69	20.55	20.58	20.65	21.00	1
		100	0	20.71	20.58	20.59	20.56	21.00	1
20	16-QAM	1	0	20.67	20.68	20.59	20.50	21.00	1
		1	50	20.62	20.59	20.60	20.63	21.00	1
		1	99	20.57	20.65	20.51	20.67	21.00	1
		50	0	19.63	19.59	19.63	19.61	20.00	2
		50	25	19.58	19.54	19.52	19.57	20.00	2
		50	50	19.65	19.62	19.63	19.57	20.00	2
		100	0	19.68	19.52	19.60	19.59	20.00	2
20	64-QAM	1	0	19.59	19.64	19.58	19.64	20.00	2
		1	50	19.63	19.57	19.47	19.53	20.00	2
		1	99	19.66	19.59	19.48	19.58	20.00	2
		50	0	18.70	18.59	18.55	18.58	19.00	3
		50	25	18.61	18.56	18.48	18.67	19.00	3
		50	50	18.62	18.59	18.56	18.50	19.00	3
		100	0	18.72	18.52	18.58	18.67	19.00	3
20	256-QAM	1	0	18.56	18.70	18.65	18.52	19.00	3
		1	50	18.68	18.61	18.55	18.53	19.00	3
		1	99	18.73	18.54	18.52	18.54	19.00	3
		50	0	17.68	17.62	17.57	17.68	18.00	4
		50	25	17.72	17.57	17.64	17.59	18.00	4
		50	50	17.61	17.53	17.54	17.57	18.00	4
		100	0	17.59	17.56	17.64	17.59	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)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	21.65	21.62	21.65	21.58	22.00	0
		1	36	21.61	21.67	21.48	21.53	22.00	0
		1	74	21.61	21.58	21.50	21.54	22.00	0
		36	0	20.68	20.60	20.50	20.51	21.00	1
		36	18	20.74	20.58	20.61	20.59	21.00	1
		36	37	20.74	20.55	20.54	20.68	21.00	1
		75	0	20.64	20.59	20.51	20.51	21.00	1
15	16-QAM	1	0	20.58	20.63	20.64	20.54	21.00	1
		1	36	20.65	20.58	20.66	20.65	21.00	1
		1	74	20.63	20.63	20.50	20.62	21.00	1
		36	0	19.73	19.55	19.58	19.67	20.00	2
		36	18	19.74	19.53	19.53	19.52	20.00	2
		36	37	19.58	19.51	19.55	19.52	20.00	2
		75	0	19.67	19.57	19.51	19.61	20.00	2
15	64-QAM	1	0	19.68	19.63	19.51	19.60	20.00	2
		1	36	19.70	19.58	19.54	19.64	20.00	2
		1	74	19.73	19.66	19.56	19.54	20.00	2
		36	0	18.74	18.64	18.49	18.62	19.00	3
		36	18	18.60	18.63	18.47	18.65	19.00	3
		36	37	18.58	18.57	18.64	18.68	19.00	3
		75	0	18.56	18.53	18.58	18.65	19.00	3
15	256-QAM	1	0	18.64	18.67	18.58	18.50	19.00	3
		1	36	18.63	18.62	18.47	18.54	19.00	3
		1	74	18.72	18.52	18.59	18.65	19.00	3
		36	0	17.62	17.65	17.66	17.55	18.00	4
		36	18	17.67	17.62	17.55	17.55	18.00	4
		36	37	17.68	17.63	17.61	17.53	18.00	4
		75	0	17.67	17.68	17.54	17.65	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	21.64	21.65	21.62	21.56	22.00	0
		1	25	21.69	21.58	21.52	21.49	22.00	0
		1	49	21.69	21.67	21.55	21.52	22.00	0
		25	0	20.73	20.59	20.54	20.66	21.00	1
		25	12	20.59	20.60	20.57	20.67	21.00	1
		25	25	20.59	20.52	20.50	20.51	21.00	1
		50	0	20.73	20.56	20.48	20.54	21.00	1
10	16-QAM	1	0	20.59	20.69	20.50	20.52	21.00	1
		1	25	20.74	20.55	20.61	20.50	21.00	1
		1	49	20.73	20.68	20.61	20.63	21.00	1
		25	0	19.72	19.56	19.50	19.51	20.00	2
		25	12	19.67	19.67	19.54	19.54	20.00	2
		25	25	19.74	19.51	19.61	19.56	20.00	2
		50	0	19.64	19.67	19.65	19.65	20.00	2
10	64-QAM	1	0	19.66	19.67	19.51	19.63	20.00	2
		1	25	19.61	19.53	19.62	19.67	20.00	2
		1	49	19.65	19.54	19.66	19.63	20.00	2
		25	0	18.56	18.54	18.46	18.60	19.00	3
		25	12	18.75	18.58	18.63	18.62	19.00	3
		25	25	18.62	18.69	18.60	18.60	19.00	3
		50	0	18.61	18.65	18.49	18.61	19.00	3
10	256-QAM	1	0	18.72	18.63	18.57	18.50	19.00	3
		1	25	18.69	18.63	18.54	18.55	19.00	3
		1	49	18.56	18.69	18.62	18.62	19.00	3
		25	0	17.69	17.65	17.48	17.56	18.00	4
		25	12	17.64	17.68	17.56	17.59	18.00	4
		25	25	17.65	17.57	17.60	17.68	18.00	4
		50	0	17.59	17.55	17.48	17.66	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	21.60	21.61	21.48	21.51	22.00	0
		1	12	21.65	21.53	21.50	21.54	22.00	0
		1	24	21.71	21.67	21.61	21.53	22.00	0
		12	0	20.57	20.62	20.56	20.60	21.00	1
		12	6	20.66	20.59	20.57	20.64	21.00	1
		12	13	20.65	20.63	20.49	20.50	21.00	1
		25	0	20.68	20.57	20.64	20.53	21.00	1
5	16-QAM	1	0	20.64	20.60	20.56	20.63	21.00	1
		1	12	20.68	20.60	20.64	20.68	21.00	1
		1	24	20.63	20.60	20.52	20.61	21.00	1
		12	0	19.63	19.55	19.51	19.51	20.00	2
		12	6	19.56	19.59	19.61	19.62	20.00	2
		12	13	19.68	19.51	19.58	19.54	20.00	2
		25	0	19.67	19.51	19.54	19.56	20.00	2
5	64-QAM	1	0	19.55	19.69	19.54	19.64	20.00	2
		1	12	19.58	19.58	19.65	19.53	20.00	2
		1	24	19.71	19.60	19.47	19.54	20.00	2
		12	0	18.61	18.66	18.56	18.66	19.00	3
		12	6	18.64	18.67	18.65	18.67	19.00	3
		12	13	18.62	18.57	18.63	18.51	19.00	3
		25	0	18.58	18.53	18.52	18.56	19.00	3
5	256-QAM	1	0	18.72	18.70	18.52	18.57	19.00	3
		1	12	18.62	18.68	18.60	18.61	19.00	3
		1	24	18.62	18.66	18.64	18.59	19.00	3
		12	0	17.56	17.54	17.63	17.57	18.00	4
		12	6	17.60	17.58	17.46	17.61	18.00	4
		12	13	17.63	17.60	17.61	17.57	18.00	4
		25	0	17.56	17.57	17.59	17.69	18.00	4

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ANT8

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	23.50	23.42	23.45	24.00	0
		1	50	23.48	23.35	23.45	24.00	0
		1	99	23.40	23.30	23.28	24.00	0
		50	0	22.94	22.93	22.88	23.00	1
		50	25	22.81	22.91	22.84	23.00	1
		50	50	22.97	22.88	22.94	23.00	1
		100	0	22.82	22.95	22.92	23.00	1
20	16-QAM	1	0	22.87	22.95	22.96	23.00	1
		1	50	22.92	22.85	22.94	23.00	1
		1	99	22.85	22.88	22.97	23.00	1
		50	0	21.88	21.91	21.98	22.00	2
		50	25	21.84	21.91	21.91	22.00	2
		50	50	21.78	21.87	21.90	22.00	2
		100	0	21.97	21.91	21.85	22.00	2
20	64-QAM	1	0	21.82	21.85	21.90	22.00	2
		1	50	21.83	21.97	21.81	22.00	2
		1	99	21.80	21.94	21.83	22.00	2
		50	0	20.90	20.78	20.82	21.00	3
		50	25	20.94	20.84	20.84	21.00	3
		50	50	20.95	20.88	20.94	21.00	3
		100	0	20.86	20.89	20.97	21.00	3
20	256-QAM	1	0	20.92	20.95	20.91	21.00	3
		1	50	20.82	20.98	20.86	21.00	3
		1	99	20.92	20.88	20.80	21.00	3
		50	0	19.88	19.81	19.91	20.00	4
		50	25	19.84	19.93	19.79	20.00	4
		50	50	19.86	19.80	19.90	20.00	4
		100	0	19.82	19.83	19.88	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	23.42	23.35	23.43	24.00	0
		1	36	23.30	23.39	23.31	24.00	0
		1	74	23.17	23.23	23.11	24.00	0
		36	0	22.87	22.85	22.95	23.00	1
		36	18	22.84	22.91	22.79	23.00	1
		36	37	22.93	22.97	22.96	23.00	1
		75	0	22.85	22.92	22.88	23.00	1
15	16-QAM	1	0	22.93	22.90	22.84	23.00	1
		1	36	22.80	22.79	22.83	23.00	1
		1	74	22.81	22.88	22.93	23.00	1
		36	0	21.91	21.95	21.98	22.00	2
		36	18	21.83	21.80	21.81	22.00	2
		36	37	21.89	21.92	21.92	22.00	2
		75	0	21.96	21.90	21.79	22.00	2
15	64-QAM	1	0	21.85	21.81	21.87	22.00	2
		1	36	21.95	21.89	21.80	22.00	2
		1	74	21.80	21.93	21.85	22.00	2
		36	0	20.89	20.82	20.93	21.00	3
		36	18	20.79	20.97	20.90	21.00	3
		36	37	20.92	20.81	20.85	21.00	3
		75	0	20.96	20.88	20.78	21.00	3
15	256-QAM	1	0	20.82	20.82	20.88	21.00	3
		1	36	20.88	20.91	20.92	21.00	3
		1	74	20.94	20.89	20.88	21.00	3
		36	0	19.85	19.83	19.91	20.00	4
		36	18	19.92	19.94	19.81	20.00	4
		36	37	19.97	19.98	19.97	20.00	4
		75	0	19.90	19.83	19.87	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)				2575	2595	2615		
Channel				37800	38000	38200		
10	QPSK	1	0	23.44	23.48	23.32	24.00	0
		1	25	23.33	23.32	23.35	24.00	0
		1	49	23.16	23.28	23.28	24.00	0
		25	0	22.80	22.80	22.92	23.00	1
		25	12	22.86	22.90	22.83	23.00	1
		25	25	22.79	22.79	22.79	23.00	1
		50	0	22.85	22.79	22.81	23.00	1
10	16-QAM	1	0	22.96	22.96	22.95	23.00	1
		1	25	22.92	22.92	22.79	23.00	1
		1	49	22.87	22.80	22.92	23.00	1
		25	0	21.85	21.86	21.80	22.00	2
		25	12	21.81	21.82	21.97	22.00	2
		25	25	21.96	21.85	21.84	22.00	2
		50	0	21.79	21.85	21.92	22.00	2
10	64-QAM	1	0	21.84	21.95	21.88	22.00	2
		1	25	21.95	21.85	21.80	22.00	2
		1	49	21.93	21.97	21.86	22.00	2
		25	0	20.80	20.82	20.97	21.00	3
		25	12	20.92	20.96	20.91	21.00	3
		25	25	20.89	20.94	20.82	21.00	3
		50	0	20.94	20.92	20.80	21.00	3
10	256-QAM	1	0	20.88	20.86	20.87	21.00	3
		1	25	20.87	20.91	20.90	21.00	3
		1	49	20.90	20.83	20.96	21.00	3
		25	0	19.89	19.85	19.91	20.00	4
		25	12	19.95	19.82	19.80	20.00	4
		25	25	19.84	19.88	19.96	20.00	4
		50	0	19.95	19.87	19.80	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	23.32	23.33	23.46	24.00	0
		1	12	23.48	23.41	23.35	24.00	0
		1	24	23.43	23.30	23.30	24.00	0
		12	0	22.80	22.92	22.85	23.00	1
		12	6	22.83	22.95	22.89	23.00	1
		12	13	22.83	22.78	22.95	23.00	1
		25	0	22.91	22.85	22.93	23.00	1
5	16-QAM	1	0	22.84	22.89	22.83	23.00	1
		1	12	22.98	22.89	22.81	23.00	1
		1	24	22.86	22.88	22.87	23.00	1
		12	0	21.86	21.88	21.96	22.00	2
		12	6	21.89	21.87	21.97	22.00	2
		12	13	21.90	21.80	21.85	22.00	2
		25	0	21.93	21.90	21.88	22.00	2
5	64-QAM	1	0	21.80	21.93	21.86	22.00	2
		1	12	21.90	21.85	21.80	22.00	2
		1	24	21.95	21.80	21.78	22.00	2
		12	0	20.85	20.87	20.86	21.00	3
		12	6	20.85	20.97	20.80	21.00	3
		12	13	20.89	20.97	20.79	21.00	3
		25	0	20.92	20.87	20.82	21.00	3
5	256-QAM	1	0	20.89	20.92	20.85	21.00	3
		1	12	20.82	20.79	20.80	21.00	3
		1	24	20.95	20.91	20.81	21.00	3
		12	0	19.88	19.81	19.93	20.00	4
		12	6	19.90	19.88	19.80	20.00	4
		12	13	19.80	19.85	19.87	20.00	4
		25	0	19.95	19.97	19.94	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	23.73	23.66	23.48	23.46	23.49	24.00	0
		1	50	23.33	23.35	23.33	23.35	23.42	24.00	0
		1	99	23.20	23.14	23.19	23.14	23.20	24.00	0
		50	0	22.88	22.82	22.98	22.87	22.95	23.00	1
		50	25	22.79	22.82	22.90	22.97	22.93	23.00	1
		50	50	22.90	22.91	22.90	22.92	22.97	23.00	1
		100	0	22.88	22.80	22.79	22.95	22.81	23.00	1
20	16-QAM	1	0	22.80	22.91	22.92	22.89	22.89	23.00	1
		1	50	22.80	22.98	22.85	22.93	22.92	23.00	1
		1	99	22.78	22.98	22.93	22.87	22.82	23.00	1
		50	0	21.97	21.87	21.80	21.96	21.87	22.00	2
		50	25	21.81	21.89	21.83	21.84	21.89	22.00	2
		50	50	21.93	21.93	21.95	21.85	21.81	22.00	2
		100	0	21.80	21.98	21.79	21.85	21.87	22.00	2
20	64-QAM	1	0	21.87	21.79	21.97	21.92	21.92	22.00	2
		1	50	21.87	21.80	21.90	21.80	21.93	22.00	2
		1	99	21.87	21.83	21.86	21.81	21.84	22.00	2
		50	0	20.84	20.95	20.97	20.82	20.84	21.00	3
		50	25	20.84	20.93	20.92	20.94	20.96	21.00	3
		50	50	20.91	20.86	20.98	20.98	20.94	21.00	3
		100	0	20.89	20.86	20.93	20.91	20.86	21.00	3
20	256-QAM	1	0	20.95	20.78	20.95	20.83	20.81	21.00	3
		1	50	20.91	20.92	20.98	20.80	20.98	21.00	3
		1	99	20.95	20.94	20.92	20.95	20.95	21.00	3
		50	0	19.78	19.98	19.86	19.80	19.83	20.00	4
		50	25	19.83	19.92	19.95	19.87	19.80	20.00	4
		50	50	19.85	19.95	19.89	19.95	19.92	20.00	4
		100	0	19.98	19.80	19.98	19.84	19.90	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	23.38	23.35	23.48	23.35	23.38	24.00	0
		1	36	23.44	23.46	23.29	23.40	23.32	24.00	0
		1	74	23.35	23.39	23.07	23.23	23.13	24.00	0
		36	0	22.88	22.83	22.91	22.80	22.84	23.00	1
		36	18	22.82	22.94	22.87	22.82	22.85	23.00	1
		36	37	22.90	22.82	22.90	22.85	22.91	23.00	1
		75	0	22.97	22.83	22.81	22.92	22.88	23.00	1
15	16-QAM	1	0	22.97	22.78	22.94	22.81	22.88	23.00	1
		1	36	22.89	22.98	22.83	22.88	22.90	23.00	1
		1	74	22.94	22.87	22.79	22.90	22.97	23.00	1
		36	0	21.98	21.81	21.93	21.97	21.89	22.00	2
		36	18	21.91	21.95	21.87	21.88	21.90	22.00	2
		36	37	21.92	21.88	21.94	21.91	21.89	22.00	2
		75	0	21.93	21.86	21.94	21.85	21.91	22.00	2
15	64-QAM	1	0	21.83	21.87	21.92	21.90	21.91	22.00	2
		1	36	21.85	21.92	21.95	21.96	21.79	22.00	2
		1	74	21.91	21.85	21.95	21.96	21.93	22.00	2
		36	0	20.80	20.92	20.95	20.92	20.85	21.00	3
		36	18	20.92	20.92	20.88	20.86	20.82	21.00	3
		36	37	20.78	20.87	20.93	20.80	20.82	21.00	3
		75	0	20.87	20.80	20.86	20.85	20.87	21.00	3
15	256-QAM	1	0	20.91	20.83	20.87	20.84	20.81	21.00	3
		1	36	20.83	20.79	20.91	20.93	20.81	21.00	3
		1	74	20.98	20.80	20.85	20.93	20.91	21.00	3
		36	0	19.78	19.82	19.96	19.78	19.80	20.00	4
		36	18	19.84	19.92	19.84	19.79	19.85	20.00	4
		36	37	19.91	19.86	19.95	19.83	19.95	20.00	4
		75	0	19.90	19.88	19.89	19.79	19.79	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	23.34	23.47	23.43	23.40	23.39	24.00	0
		1	25	23.43	23.39	23.32	23.45	23.47	24.00	0
		1	49	23.33	23.36	23.21	23.36	23.35	24.00	0
		25	0	22.80	22.84	22.85	22.96	22.83	23.00	1
		25	12	22.87	22.92	22.79	22.91	22.79	23.00	1
		25	25	22.97	22.82	22.93	22.95	22.97	23.00	1
		50	0	22.87	22.85	22.79	22.90	22.86	23.00	1
10	16-QAM	1	0	22.82	22.90	22.84	22.87	22.94	23.00	1
		1	25	22.81	22.82	22.86	22.81	22.80	23.00	1
		1	49	22.88	22.86	22.82	22.86	22.90	23.00	1
		25	0	21.88	21.95	21.95	21.82	21.88	22.00	2
		25	12	21.89	21.84	21.92	21.87	21.87	22.00	2
		25	25	21.88	21.83	21.94	21.81	21.92	22.00	2
		50	0	21.86	21.84	21.91	21.83	21.86	22.00	2
10	64-QAM	1	0	21.87	21.81	21.90	21.90	21.84	22.00	2
		1	25	21.88	21.95	21.84	21.96	21.96	22.00	2
		1	49	21.90	21.91	21.84	21.94	21.80	22.00	2
		25	0	20.79	20.83	20.82	20.97	20.96	21.00	3
		25	12	20.92	20.80	20.88	20.83	20.92	21.00	3
		25	25	20.85	20.82	20.94	20.92	20.97	21.00	3
		50	0	20.82	20.80	20.82	20.83	20.92	21.00	3
10	256-QAM	1	0	20.86	20.90	20.81	20.90	20.80	21.00	3
		1	25	20.80	20.84	20.79	20.83	20.95	21.00	3
		1	49	20.82	20.90	20.78	20.88	20.90	21.00	3
		25	0	19.93	19.97	19.97	19.85	19.95	20.00	4
		25	12	19.79	19.90	19.82	19.93	19.91	20.00	4
		25	25	19.87	19.97	19.82	19.89	19.89	20.00	4
		50	0	19.86	19.84	19.90	19.91	19.90	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)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	23.46	23.48	23.33	23.44	23.38	24.00	0
		1	12	23.37	23.46	23.46	23.33	23.32	24.00	0
		1	24	23.27	23.35	23.39	23.16	23.11	24.00	0
		12	0	22.86	22.81	22.89	22.92	22.80	23.00	1
		12	6	22.86	22.95	22.91	22.87	22.84	23.00	1
		12	13	22.87	22.88	22.80	22.81	22.83	23.00	1
		25	0	22.92	22.96	22.97	22.98	22.90	23.00	1
5	16-QAM	1	0	22.93	22.80	22.95	22.98	22.96	23.00	1
		1	12	22.93	22.94	22.97	22.90	22.93	23.00	1
		1	24	22.92	22.98	22.82	22.92	22.81	23.00	1
		12	0	21.95	21.80	21.81	21.98	21.80	22.00	2
		12	6	21.98	21.84	21.91	21.82	21.91	22.00	2
		12	13	21.86	21.83	21.93	21.86	21.79	22.00	2
		25	0	21.79	21.91	21.80	21.84	21.97	22.00	2
5	64-QAM	1	0	21.80	21.89	21.80	21.80	21.84	22.00	2
		1	12	21.85	21.89	21.90	21.85	21.82	22.00	2
		1	24	21.88	21.91	21.81	21.91	21.81	22.00	2
		12	0	20.83	20.90	20.92	20.84	20.85	21.00	3
		12	6	20.87	20.81	20.94	20.78	20.94	21.00	3
		12	13	20.84	20.81	20.84	20.89	20.81	21.00	3
		25	0	20.97	20.97	20.93	20.78	20.88	21.00	3
5	256-QAM	1	0	20.86	20.90	20.91	20.94	20.89	21.00	3
		1	12	20.88	20.85	20.84	20.93	20.88	21.00	3
		1	24	20.89	20.90	20.80	20.90	20.84	21.00	3
		12	0	19.82	19.79	19.78	19.89	19.90	20.00	4
		12	6	19.83	19.97	19.97	19.95	19.78	20.00	4
		12	13	19.87	19.84	19.90	19.93	19.86	20.00	4
		25	0	19.91	19.97	19.92	19.89	19.85	20.00	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)				3460	3500	3540		
Channel				42190	42590	42990		
20	QPSK	1	0	23.34	23.42	23.51	24.00	0
		1	50	23.48	23.31	23.42	24.00	0
		1	99	23.32	23.20	23.29	24.00	0
		50	0	22.88	22.95	22.92	23.00	1
		50	25	22.87	22.89	22.80	23.00	1
		50	50	22.94	22.81	22.79	23.00	1
		100	0	22.80	22.80	22.85	23.00	1
20	16-QAM	1	0	22.86	22.79	22.78	23.00	1
		1	50	22.95	22.82	22.87	23.00	1
		1	99	22.96	22.97	22.85	23.00	1
		50	0	21.92	21.94	21.84	22.00	2
		50	25	21.86	21.80	21.78	22.00	2
		50	50	21.92	21.92	21.80	22.00	2
		100	0	21.90	21.94	21.90	22.00	2
20	64-QAM	1	0	21.93	21.86	21.79	22.00	2
		1	50	21.82	21.88	21.80	22.00	2
		1	99	21.90	21.94	21.89	22.00	2
		50	0	20.85	20.82	20.89	21.00	3
		50	25	20.79	20.94	20.95	21.00	3
		50	50	20.96	20.81	20.92	21.00	3
		100	0	20.85	20.78	20.89	21.00	3
20	256-QAM	1	0	20.97	20.90	20.95	21.00	3
		1	50	20.96	20.89	20.93	21.00	3
		1	99	20.85	20.88	20.95	21.00	3
		50	0	19.88	19.81	19.89	20.00	4
		50	25	19.80	19.80	19.86	20.00	4
		50	50	19.97	19.81	19.82	20.00	4
		100	0	19.89	19.90	19.96	20.00	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	23.28	23.30	23.48	24.00	0
		1	36	23.38	23.31	23.38	24.00	0
		1	74	23.20	23.11	23.24	24.00	0
		36	0	22.93	22.88	22.91	23.00	1
		36	18	22.89	22.91	22.82	23.00	1
		36	37	22.92	22.98	22.98	23.00	1
		75	0	22.85	22.95	22.81	23.00	1
15	16-QAM	1	0	22.79	22.91	22.85	23.00	1
		1	36	22.90	22.95	22.89	23.00	1
		1	74	22.96	22.94	22.96	23.00	1
		36	0	21.81	21.87	21.96	22.00	2
		36	18	21.88	21.97	21.86	22.00	2
		36	37	21.88	21.91	21.81	22.00	2
		75	0	21.97	21.91	21.83	22.00	2
15	64-QAM	1	0	21.85	21.97	21.94	22.00	2
		1	36	21.83	21.90	21.88	22.00	2
		1	74	21.81	21.94	21.81	22.00	2
		36	0	20.83	20.83	20.80	21.00	3
		36	18	20.79	20.78	20.86	21.00	3
		36	37	20.88	20.86	20.84	21.00	3
		75	0	20.86	20.87	20.88	21.00	3
15	256-QAM	1	0	20.87	20.94	20.86	21.00	3
		1	36	20.81	20.98	20.79	21.00	3
		1	74	20.97	20.95	20.89	21.00	3
		36	0	19.89	19.82	19.98	20.00	4
		36	18	19.88	19.82	19.91	20.00	4
		36	37	19.90	19.78	19.95	20.00	4
		75	0	19.93	19.83	19.84	20.00	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	23.45	23.38	23.28	24.00	0
		1	25	23.36	23.40	23.33	24.00	0
		1	49	23.26	23.31	23.21	24.00	0
		25	0	22.98	22.87	22.95	23.00	1
		25	12	22.87	22.82	22.86	23.00	1
		25	25	22.95	22.86	22.79	23.00	1
		50	0	22.89	22.93	22.86	23.00	1
10	16-QAM	1	0	22.93	22.85	22.89	23.00	1
		1	25	22.81	22.83	22.97	23.00	1
		1	49	22.83	22.93	22.91	23.00	1
		25	0	21.97	21.84	21.93	22.00	2
		25	12	21.78	21.89	21.91	22.00	2
		25	25	21.80	21.78	21.95	22.00	2
		50	0	21.84	21.98	21.92	22.00	2
10	64-QAM	1	0	21.96	21.92	21.82	22.00	2
		1	25	21.79	21.84	21.82	22.00	2
		1	49	21.80	21.82	21.94	22.00	2
		25	0	20.88	20.97	20.95	21.00	3
		25	12	20.86	20.93	20.96	21.00	3
		25	25	20.93	20.95	20.85	21.00	3
		50	0	20.90	20.81	20.79	21.00	3
10	256-QAM	1	0	20.90	20.86	20.87	21.00	3
		1	25	20.79	20.94	20.86	21.00	3
		1	49	20.80	20.86	20.80	21.00	3
		25	0	19.83	19.87	19.81	20.00	4
		25	12	19.89	19.83	19.82	20.00	4
		25	25	19.81	19.93	19.90	20.00	4
		50	0	19.85	19.80	19.79	20.00	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	23.46	23.43	23.37	24.00	0
		1	12	23.39	23.39	23.41	24.00	0
		1	24	23.36	23.29	23.25	24.00	0
		12	0	22.90	22.94	22.83	23.00	1
		12	6	22.79	22.85	22.95	23.00	1
		12	13	22.80	22.90	22.83	23.00	1
		25	0	22.84	22.94	22.97	23.00	1
5	16-QAM	1	0	22.96	22.88	22.85	23.00	1
		1	12	22.88	22.79	22.94	23.00	1
		1	24	22.90	22.92	22.80	23.00	1
		12	0	21.79	21.93	21.83	22.00	2
		12	6	21.96	21.87	21.91	22.00	2
		12	13	21.84	21.94	21.92	22.00	2
		25	0	21.80	21.95	21.87	22.00	2
5	64-QAM	1	0	21.94	21.89	21.79	22.00	2
		1	12	21.85	21.95	21.81	22.00	2
		1	24	21.81	21.92	21.92	22.00	2
		12	0	20.87	20.92	20.92	21.00	3
		12	6	20.95	20.86	20.94	21.00	3
		12	13	20.93	20.84	20.96	21.00	3
		25	0	20.82	20.91	20.89	21.00	3
5	256-QAM	1	0	20.98	20.86	20.91	21.00	3
		1	12	20.90	20.92	20.93	21.00	3
		1	24	20.83	20.83	20.85	21.00	3
		12	0	19.85	19.90	19.78	20.00	4
		12	6	19.81	19.92	19.85	20.00	4
		12	13	19.98	19.81	19.93	20.00	4
		25	0	19.83	19.88	19.91	20.00	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	23.35	23.32	23.37	24.00	0
		1	50	23.32	23.14	23.31	24.00	0
		1	99	23.17	23.08	23.14	24.00	0
		50	0	22.81	22.83	22.91	23.00	1
		50	25	22.87	22.93	22.79	23.00	1
		50	50	22.97	22.80	22.83	23.00	1
		100	0	22.97	22.92	22.86	23.00	1
20	16-QAM	1	0	22.89	22.93	22.78	23.00	1
		1	50	22.80	22.84	22.95	23.00	1
		1	99	22.89	22.87	22.87	23.00	1
		50	0	21.82	21.84	21.94	22.00	2
		50	25	21.92	21.80	21.89	22.00	2
		50	50	21.78	21.82	21.86	22.00	2
		100	0	21.85	21.84	21.96	22.00	2
20	64-QAM	1	0	21.88	21.98	21.90	22.00	2
		1	50	21.90	21.96	21.94	22.00	2
		1	99	21.91	21.95	21.91	22.00	2
		50	0	20.89	20.88	20.85	21.00	3
		50	25	20.89	20.96	20.94	21.00	3
		50	50	20.83	20.81	20.82	21.00	3
		100	0	20.93	20.94	20.93	21.00	3
20	256-QAM	1	0	20.78	20.86	20.92	21.00	3
		1	50	20.93	20.87	20.96	21.00	3
		1	99	20.97	20.95	20.80	21.00	3
		50	0	19.97	19.98	19.79	20.00	4
		50	25	19.91	19.97	19.88	20.00	4
		50	50	19.84	19.86	19.85	20.00	4
		100	0	19.81	19.78	19.89	20.00	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	23.21	23.24	23.15	24.00	0
		1	36	23.16	23.23	23.30	24.00	0
		1	74	23.13	23.15	23.09	24.00	0
		36	0	22.86	22.84	22.95	23.00	1
		36	18	22.81	22.97	22.84	23.00	1
		36	37	22.91	22.84	22.78	23.00	1
		75	0	22.86	22.88	22.89	23.00	1
15	16-QAM	1	0	22.97	22.83	22.87	23.00	1
		1	36	22.88	22.82	22.94	23.00	1
		1	74	22.86	22.89	22.90	23.00	1
		36	0	21.95	21.95	21.81	22.00	2
		36	18	21.87	21.89	21.90	22.00	2
		36	37	21.84	21.84	21.86	22.00	2
		75	0	21.82	21.92	21.87	22.00	2
15	64-QAM	1	0	21.93	21.82	21.91	22.00	2
		1	36	21.87	21.78	21.81	22.00	2
		1	74	21.93	21.89	21.81	22.00	2
		36	0	20.87	20.80	20.93	21.00	3
		36	18	20.93	20.96	20.95	21.00	3
		36	37	20.84	20.95	20.94	21.00	3
		75	0	20.91	20.98	20.86	21.00	3
15	256-QAM	1	0	20.79	20.95	20.90	21.00	3
		1	36	20.82	20.80	20.81	21.00	3
		1	74	20.96	20.89	20.80	21.00	3
		36	0	19.96	19.92	19.95	20.00	4
		36	18	19.96	19.88	19.84	20.00	4
		36	37	19.94	19.84	19.80	20.00	4
		75	0	19.84	19.89	19.87	20.00	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	23.20	23.13	23.33	24.00	0
		1	25	23.15	23.21	23.29	24.00	0
		1	49	23.04	23.03	23.17	24.00	0
		25	0	22.79	22.94	22.97	23.00	1
		25	12	22.95	22.81	22.88	23.00	1
		25	25	22.94	22.96	22.97	23.00	1
		50	0	22.83	22.98	22.81	23.00	1
10	16-QAM	1	0	22.90	22.92	22.89	23.00	1
		1	25	22.97	22.85	22.94	23.00	1
		1	49	22.95	22.94	22.96	23.00	1
		25	0	21.97	21.85	21.97	22.00	2
		25	12	21.88	21.93	21.91	22.00	2
		25	25	21.92	21.93	21.95	22.00	2
		50	0	21.88	21.96	21.87	22.00	2
10	64-QAM	1	0	21.96	21.96	21.95	22.00	2
		1	25	21.81	21.84	21.81	22.00	2
		1	49	21.80	21.86	21.92	22.00	2
		25	0	20.86	20.81	20.82	21.00	3
		25	12	20.80	20.80	20.98	21.00	3
		25	25	20.91	20.88	20.93	21.00	3
		50	0	20.88	20.78	20.96	21.00	3
10	256-QAM	1	0	20.86	20.95	20.83	21.00	3
		1	25	20.93	20.80	20.87	21.00	3
		1	49	20.82	20.79	20.86	21.00	3
		25	0	19.97	19.80	19.96	20.00	4
		25	12	19.78	19.92	19.86	20.00	4
		25	25	19.87	19.84	19.86	20.00	4
		50	0	19.81	19.87	19.92	20.00	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	23.31	23.30	23.21	24.00	0
		1	12	23.14	23.21	23.19	24.00	0
		1	24	22.97	23.16	23.06	24.00	0
		12	0	22.81	22.98	22.93	23.00	1
		12	6	22.83	22.84	22.93	23.00	1
		12	13	22.96	22.86	22.79	23.00	1
		25	0	22.96	22.96	22.85	23.00	1
5	16-QAM	1	0	22.80	22.80	22.97	23.00	1
		1	12	22.89	22.91	22.81	23.00	1
		1	24	22.82	22.78	22.84	23.00	1
		12	0	21.90	21.81	21.86	22.00	2
		12	6	21.93	21.97	21.83	22.00	2
		12	13	21.88	21.96	21.81	22.00	2
		25	0	21.93	21.81	21.86	22.00	2
5	64-QAM	1	0	21.97	21.95	21.80	22.00	2
		1	12	21.87	21.88	21.83	22.00	2
		1	24	21.85	21.91	21.87	22.00	2
		12	0	20.82	20.89	20.92	21.00	3
		12	6	20.94	20.86	20.95	21.00	3
		12	13	20.93	20.88	20.93	21.00	3
		25	0	20.80	20.88	20.91	21.00	3
5	256-QAM	1	0	20.91	20.79	20.91	21.00	3
		1	12	20.88	20.97	20.82	21.00	3
		1	24	20.80	20.87	20.84	21.00	3
		12	0	19.83	19.85	19.93	20.00	4
		12	6	19.86	19.92	19.82	20.00	4
		12	13	19.79	19.79	19.94	20.00	4
		25	0	19.92	19.84	19.92	20.00	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)				3660	3662.5	3665		
Channel				44190	44215	44240		
20	QPSK	1	0	23.97	23.98	23.88	24.00	0
		1	50	23.68	23.58	23.57	24.00	0
		1	99	23.50	23.61	23.55	24.00	0
		50	0	22.55	22.60	22.59	23.00	1
		50	25	22.69	22.60	22.54	23.00	1
		50	50	22.63	22.54	22.60	23.00	1
		100	0	22.55	22.51	22.51	23.00	1
20	16-QAM	1	0	22.55	22.53	22.68	23.00	1
		1	50	22.51	22.55	22.68	23.00	1
		1	99	22.63	22.61	22.60	23.00	1
		50	0	21.51	21.58	21.52	22.00	2
		50	25	21.61	21.64	21.69	22.00	2
		50	50	21.55	21.67	21.60	22.00	2
		100	0	21.66	21.51	21.52	22.00	2
20	64-QAM	1	0	21.54	21.64	21.67	22.00	2
		1	50	21.54	21.68	21.56	22.00	2
		1	99	21.57	21.62	21.61	22.00	2
		50	0	20.54	20.50	20.61	21.00	3
		50	25	20.60	20.55	20.67	21.00	3
		50	50	20.57	20.53	20.56	21.00	3
		100	0	20.54	20.53	20.62	21.00	3
20	256-QAM	1	0	20.50	20.62	20.53	21.00	3
		1	50	20.61	20.70	20.62	21.00	3
		1	99	20.63	20.54	20.51	21.00	3
		50	0	19.54	19.51	19.62	20.00	4
		50	25	19.68	19.53	19.53	20.00	4
		50	50	19.55	19.63	19.68	20.00	4
		100	0	19.55	19.59	19.52	20.00	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	23.54	23.61	23.69	24.00	0
		1	36	23.53	23.69	23.55	24.00	0
		1	74	23.64	23.54	23.52	24.00	0
		36	0	22.51	22.61	22.64	23.00	1
		36	18	22.63	22.52	22.62	23.00	1
		36	37	22.66	22.62	22.65	23.00	1
		75	0	22.52	22.57	22.58	23.00	1
15	16-QAM	1	0	22.68	22.52	22.56	23.00	1
		1	36	22.64	22.68	22.57	23.00	1
		1	74	22.68	22.57	22.58	23.00	1
		36	0	21.64	21.68	21.60	22.00	2
		36	18	21.63	21.58	21.67	22.00	2
		36	37	21.61	21.66	21.50	22.00	2
		75	0	21.70	21.57	21.61	22.00	2
15	64-QAM	1	0	21.62	21.67	21.55	22.00	2
		1	36	21.60	21.61	21.69	22.00	2
		1	74	21.68	21.62	21.52	22.00	2
		36	0	20.62	20.57	20.55	21.00	3
		36	18	20.63	20.50	20.55	21.00	3
		36	37	20.63	20.67	20.58	21.00	3
		75	0	20.51	20.69	20.65	21.00	3
15	256-QAM	1	0	20.69	20.52	20.61	21.00	3
		1	36	20.50	20.59	20.69	21.00	3
		1	74	20.54	20.69	20.52	21.00	3
		36	0	19.53	19.57	19.52	20.00	4
		36	18	19.60	19.66	19.66	20.00	4
		36	37	19.57	19.68	19.54	20.00	4
		75	0	19.57	19.51	19.66	20.00	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)				3655	3662.5	3670		
Channel				44140	44215	44290		
10	QPSK	1	0	23.58	23.68	23.65	24.00	0
		1	25	23.68	23.66	23.57	24.00	0
		1	49	23.65	23.69	23.51	24.00	0
		25	0	22.59	22.64	22.63	23.00	1
		25	12	22.55	22.69	22.50	23.00	1
		25	25	22.54	22.62	22.60	23.00	1
		50	0	22.54	22.54	22.63	23.00	1
10	16-QAM	1	0	22.62	22.57	22.70	23.00	1
		1	25	22.54	22.60	22.63	23.00	1
		1	49	22.57	22.65	22.64	23.00	1
		25	0	21.66	21.66	21.52	22.00	2
		25	12	21.66	21.63	21.64	22.00	2
		25	25	21.56	21.70	21.68	22.00	2
		50	0	21.58	21.56	21.58	22.00	2
10	64-QAM	1	0	21.51	21.52	21.55	22.00	2
		1	25	21.64	21.62	21.67	22.00	2
		1	49	21.61	21.66	21.52	22.00	2
		25	0	20.64	20.57	20.66	21.00	3
		25	12	20.58	20.50	20.68	21.00	3
		25	25	20.62	20.60	20.65	21.00	3
		50	0	20.64	20.65	20.64	21.00	3
10	256-QAM	1	0	20.67	20.59	20.59	21.00	3
		1	25	20.54	20.57	20.50	21.00	3
		1	49	20.51	20.67	20.55	21.00	3
		25	0	19.59	19.66	19.58	20.00	4
		25	12	19.67	19.68	19.60	20.00	4
		25	25	19.58	19.60	19.57	20.00	4
		50	0	19.54	19.57	19.62	20.00	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	23.68	23.58	23.62	24.00	0
		1	12	23.63	23.63	23.50	24.00	0
		1	24	23.58	23.59	23.54	24.00	0
		12	0	22.56	22.67	22.53	23.00	1
		12	6	22.61	22.67	22.69	23.00	1
		12	13	22.58	22.59	22.70	23.00	1
		25	0	22.58	22.52	22.62	23.00	1
5	16-QAM	1	0	22.64	22.58	22.55	23.00	1
		1	12	22.63	22.59	22.63	23.00	1
		1	24	22.54	22.59	22.66	23.00	1
		12	0	21.67	21.55	21.62	22.00	2
		12	6	21.63	21.62	21.65	22.00	2
		12	13	21.54	21.67	21.57	22.00	2
		25	0	21.60	21.63	21.60	22.00	2
5	64-QAM	1	0	21.68	21.55	21.55	22.00	2
		1	12	21.51	21.56	21.65	22.00	2
		1	24	21.52	21.64	21.54	22.00	2
		12	0	20.55	20.64	20.66	21.00	3
		12	6	20.53	20.64	20.65	21.00	3
		12	13	20.56	20.52	20.64	21.00	3
		25	0	20.56	20.51	20.56	21.00	3
5	256-QAM	1	0	20.57	20.62	20.56	21.00	3
		1	12	20.53	20.70	20.52	21.00	3
		1	24	20.52	20.65	20.60	21.00	3
		12	0	19.53	19.59	19.51	20.00	4
		12	6	19.67	19.54	19.54	20.00	4
		12	13	19.58	19.65	19.52	20.00	4
		25	0	19.54	19.58	19.64	20.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	21.42	21.37	21.29	21.31	22.00	0
		1	50	21.36	21.36	21.20	21.24	22.00	0
		1	99	21.27	21.29	20.99	21.22	22.00	0
		50	0	20.84	20.92	20.81	20.97	21.00	1
		50	25	20.97	20.98	20.94	20.86	21.00	1
		50	50	20.95	20.84	20.90	20.96	21.00	1
		100	0	20.92	20.94	20.82	20.79	21.00	1
20	16-QAM	1	0	20.93	20.89	20.88	20.89	21.00	1
		1	50	20.93	20.96	20.84	20.98	21.00	1
		1	99	20.85	20.92	20.91	20.83	21.00	1
		50	0	19.90	19.92	19.78	19.95	20.00	2
		50	25	19.81	19.82	19.93	19.85	20.00	2
		50	50	19.80	19.93	19.93	19.87	20.00	2
		100	0	19.80	19.90	19.97	19.95	20.00	2
20	64-QAM	1	0	19.97	19.95	19.86	19.83	20.00	2
		1	50	19.88	19.79	19.84	19.81	20.00	2
		1	99	19.82	19.86	19.80	19.82	20.00	2
		50	0	18.90	18.80	18.82	18.94	19.00	3
		50	25	18.82	18.81	18.90	18.97	19.00	3
		50	50	18.87	18.96	18.94	18.90	19.00	3
		100	0	18.95	18.80	18.88	18.96	19.00	3
20	256-QAM	1	0	18.88	18.78	18.93	18.97	19.00	3
		1	50	18.93	18.88	18.83	18.84	19.00	3
		1	99	18.88	18.87	18.91	18.90	19.00	3
		50	0	17.92	17.97	17.97	17.83	18.00	4
		50	25	17.94	17.80	17.80	17.79	18.00	4
		50	50	17.88	17.81	17.83	17.84	18.00	4
		100	0	17.83	17.80	17.86	17.93	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)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	21.21	21.32	21.24	21.34	22.00	0
		1	36	21.28	21.27	21.35	21.21	22.00	0
		1	74	21.21	21.08	21.20	21.05	22.00	0
		36	0	20.90	20.91	20.95	20.82	21.00	1
		36	18	20.87	20.81	20.88	20.95	21.00	1
		36	37	20.91	20.97	20.85	20.91	21.00	1
		75	0	20.80	20.94	20.91	20.84	21.00	1
15	16-QAM	1	0	20.92	20.91	20.81	20.94	21.00	1
		1	36	20.94	20.88	20.88	20.96	21.00	1
		1	74	20.89	20.83	20.91	20.83	21.00	1
		36	0	19.95	19.91	19.84	19.82	20.00	2
		36	18	19.94	19.91	19.84	19.95	20.00	2
		36	37	19.90	19.81	19.85	19.80	20.00	2
		75	0	19.88	19.93	19.87	19.78	20.00	2
15	64-QAM	1	0	19.86	19.84	19.82	19.86	20.00	2
		1	36	19.87	19.97	19.80	19.97	20.00	2
		1	74	19.97	19.90	19.95	19.80	20.00	2
		36	0	18.93	18.82	18.93	18.81	19.00	3
		36	18	18.95	18.79	18.93	18.93	19.00	3
		36	37	18.91	18.86	18.85	18.89	19.00	3
		75	0	18.84	18.82	18.84	18.83	19.00	3
15	256-QAM	1	0	18.78	18.93	18.87	18.81	19.00	3
		1	36	18.89	18.93	18.95	18.81	19.00	3
		1	74	18.93	18.83	18.91	18.85	19.00	3
		36	0	17.90	17.92	17.89	17.78	18.00	4
		36	18	17.95	17.82	17.87	17.88	18.00	4
		36	37	17.78	17.81	17.94	17.90	18.00	4
		75	0	17.80	17.94	17.80	17.81	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	21.22	21.28	21.34	21.20	22.00	0
		1	25	21.21	21.27	21.39	21.39	22.00	0
		1	49	21.11	21.11	21.23	21.26	22.00	0
		25	0	20.85	20.94	20.79	20.79	21.00	1
		25	12	20.85	20.94	20.83	20.89	21.00	1
		25	25	20.93	20.92	20.92	20.80	21.00	1
		50	0	20.84	20.97	20.80	20.94	21.00	1
10	16-QAM	1	0	20.82	20.85	20.91	20.80	21.00	1
		1	25	20.84	20.82	20.97	20.84	21.00	1
		1	49	20.95	20.85	20.98	20.87	21.00	1
		25	0	19.88	19.86	19.85	19.94	20.00	2
		25	12	19.94	19.98	19.91	19.85	20.00	2
		25	25	19.88	19.79	19.81	19.79	20.00	2
		50	0	19.89	19.88	19.82	19.79	20.00	2
10	64-QAM	1	0	19.78	19.87	19.93	19.84	20.00	2
		1	25	19.87	19.96	19.85	19.92	20.00	2
		1	49	19.86	19.94	19.88	19.89	20.00	2
		25	0	18.87	18.87	18.93	18.87	19.00	3
		25	12	18.78	18.81	18.85	18.94	19.00	3
		25	25	18.81	18.79	18.92	18.78	19.00	3
		50	0	18.90	18.79	18.81	18.87	19.00	3
10	256-QAM	1	0	18.97	18.91	18.90	18.89	19.00	3
		1	25	18.85	18.83	18.88	18.87	19.00	3
		1	49	18.94	18.87	18.79	18.86	19.00	3
		25	0	17.89	17.80	17.90	17.95	18.00	4
		25	12	17.80	17.95	17.97	17.87	18.00	4
		25	25	17.86	17.81	17.87	17.80	18.00	4
		50	0	17.80	17.95	17.87	17.82	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	21.22	21.20	21.28	21.22	22.00	0
		1	12	21.32	21.31	21.34	21.24	22.00	0
		1	24	21.12	21.24	21.22	21.06	22.00	0
		12	0	20.98	20.96	20.95	20.91	21.00	1
		12	6	20.79	20.89	20.93	20.96	21.00	1
		12	13	20.87	20.94	20.97	20.79	21.00	1
		25	0	20.98	20.95	20.98	20.82	21.00	1
5	16-QAM	1	0	20.80	20.96	20.84	20.93	21.00	1
		1	12	20.83	20.98	20.94	20.95	21.00	1
		1	24	20.94	20.89	20.94	20.94	21.00	1
		12	0	19.88	19.84	19.93	19.87	20.00	2
		12	6	19.89	19.86	19.89	19.89	20.00	2
		12	13	19.78	19.82	19.93	19.84	20.00	2
		25	0	19.95	19.83	19.94	19.93	20.00	2
5	64-QAM	1	0	19.82	19.89	19.93	19.91	20.00	2
		1	12	19.95	19.79	19.98	19.91	20.00	2
		1	24	19.90	19.93	19.87	19.83	20.00	2
		12	0	18.82	18.86	18.79	18.91	19.00	3
		12	6	18.92	18.85	18.97	18.85	19.00	3
		12	13	18.81	18.96	18.80	18.86	19.00	3
		25	0	18.91	18.79	18.88	18.93	19.00	3
5	256-QAM	1	0	18.87	18.88	18.95	18.84	19.00	3
		1	12	18.97	18.88	18.90	18.82	19.00	3
		1	24	18.89	18.94	18.78	18.85	19.00	3
		12	0	17.88	17.91	17.79	17.89	18.00	4
		12	6	17.91	17.84	17.86	17.95	18.00	4
		12	13	17.92	17.79	17.78	17.78	18.00	4
		25	0	17.86	17.89	17.90	17.86	18.00	4

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5.4 LTE DL CA

LTE Downlink 2CA conducted power table

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Power		
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	30	10	9820	2355	20.52	20.81	CA_4A-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	55830	3609	20.47	20.81	CA_4A-48A
7	20	21350	2560	QPSK	1	0	3350	2680	26	15	8865	876.5	20.22	20.48	CA_7A-26A
41	20	41490	2680	QPSK	1	0	41490	2680	42	20	42590	3500	21.12	21.39	CA_41A-42A
48	20	56150	3641	QPSK	1	0	56150	3641	48	5	55265	3552.5	21.45	21.67	CA_48A-48A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	898	1959.8	21.54	21.86	CA_2C

LTE Downlink 3CA conducted power table

Three Component Carrier Maximum Conducted Power																			
PCC									SCC 1				SCC 2				Power		
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
2	20	18700	1860	QPSK	1	0	700	1940	2	5	1175	1987.5	71	20	68761	634.5	21.51	21.86	CA_2A-2A-71A
2	20	18700	1860	QPSK	1	0	700	1940	4	20	2175	2132.5	13	10	5230	751	21.59	21.86	CA_2A-4A-13A
2	20	18700	1860	QPSK	1	0	700	1940	5	10	2525	881.5	48	20	55830	3609	21.55	21.86	CA_2A-5A-48A
2	20	18700	1860	QPSK	1	0	700	1940	13	10	5230	751	48	20	55830	3609	21.54	21.86	CA_2A-13A-48A
2	20	18700	1860	QPSK	1	0	700	1940	48	20	55830	3609	66	20	66886	2155	21.54	21.86	CA_2A-48A-66A
4	20	20050	1720	QPSK	1	0	2050	2120	4	20	2300	2145	12	10	5095	737.5	20.71	20.91	CA_4A-4A-12A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	30	10	9820	2355	20.46	20.81	CA_4A-5A-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	12	10	5095	737.5	30	10	9820	2355	20.5	20.81	CA_4A-12A-30A
4	20	20050	1720	QPSK	1	0	2050	2120	4	20	2300	2145	71	20	68761	634.5	20.65	20.91	CA_4A-4A-71A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	55830	3609	48	20	56028	3628.8	20.53	20.81	CA_4A-48B
7	20	21350	2560	QPSK	1	0	3350	2680	7	20	3152	2660.2	26	15	8865	876.5	20.13	20.48	CA_7C-26A
41	20	40620	2593	QPSK	1	0	40620	2593	42	20	43292	3570.2	42	20	43490	3590	21.5	21.87	CA_41A-42C
41	20	41490	2680	QPSK	1	0	41490	2680	41	20	41292	2660.2	42	20	42590	3500	21	21.39	CA_41C-42A
41	20	41490	2680	QPSK	1	0	41490	2680	41	20	41094	2640.4	41	20	41292	2660.2	21.07	21.39	CA_41D

LTE Downlink 4CA conducted power table

Four Component Carrier Maximum Conducted Power																							
PCC									SCC 1				SCC 2				SCC 3				Power		
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	4	20	2175	2132.5	5	10	2525	881.5	21.59	21.86	CA_2A-2A-4A-5A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	4	20	2175	2132.5	12	10	5095	737.5	21.66	21.86	CA_2A-2A-4A-12A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	4	20	2175	2132.5	71	20	68761	634.5	21.38	21.86	CA_2A-2A-4A-71A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	30	10	9820	2355	66	20	66886	2155	21.54	21.86	CA_2A-2A-30A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	66	20	66536	2120	66	20	67036	2170	21.41	21.86	CA_2A-2A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	66	20	66886	2155	71	20	68761	634.5	21.52	21.86	CA_2A-2A-66A-71A
2	20	18700	1860	QPSK	1	0	700	1940	30	10	9820	2355	66	20	66536	2120	66	20	67036	2170	21.58	21.86	CA_2A-30A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	66	20	66536	2120	66	20	67036	2170	71	20	68761	634.5	21.59	21.86	CA_2A-66A-66A-71A
2	20	18700	1860	QPSK	1	0	700	1940	12	10	5095	737.5	66	20	66886	2155	66	20	67084	2174.8	21.45	21.86	CA_2A-12A-66C
2	20	18700	1860	QPSK	1	0	700	1940	66	20	66886	2155	66	20	67084	2174.8	71	20	68761	634.5	21.57	21.86	CA_2A-66C-71A
2	20	18700	1860	QPSK	1	0	700	1940	48	20	55830	3609	48	20	56028	3628.8	66	20	66886	2155	21.49	21.86	CA_2A-48C-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	898	1959.8	66	20	66536	2120	66	20	67036	2170	21.38	21.86	CA_2C-66A-66A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	56150	3641	48	20	56348	3660.8	48	20	56546	3680.6	20.43	20.81	CA_4A-48D
5	10	20450	829	QPSK	1	0	2450	874	5	10	2600	889	66	20	66536	2120	66	20	67036	2170	22.95	23.43	CA_5A-5A-66A-66A
5	10	20525	836.5	QPSK	1	0	2525	881.5	30	10	9820	2355	66	20	66536	2120	66	20	67036	2170	23.21	23.41	CA_5A-30A-66A-66A
41	20	41490	2680	QPSK	1	0	41490	2680	41	20	41292	2660.2	42	20	43292	3570.2	42	20	43490	3590	21.12	21.39	CA_41C-42C

LTE Downlink 5CA conducted power table

Five Component Carrier Maximum Conducted Power																													
PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power		
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
2	20	18700	1860	QPSK	1	0	700	1940	5	10	2525	881.5	48	20	55830	3609	48	20	56028	3628.8	48	20	56226	3648.6	21.65	21.86	CA_2A-5A-48D
2	20	18700	1860	QPSK	1	0	700	1940	13	10	5230	751	48	20	55830	3609	48	20	56028	3628.8	48	20	56226	3648.6	21.56	21.86	CA_2A-13A-48D
2	20	18700	1860	QPSK	1	0	700	1940	48	20	55830	3609	48	20	56028	3628.8	48	20	56226	3648.6	66	20	66886	2155	21.56	21.86	CA_2A-48D-66A
5	10	20525	836.5	QPSK	1	0	2525	881.5	48	20	55830	3609	48	20	56028	3628.8	48	20	56226	3648.6	66	20	66886	2155	22.97	23.41	CA_5A-48D-66A
13	10	23230	782	QPSK	1	0	5230	751	48	20	55830	3609	48	20	56028	3628.8	48	20	56226	3648.6	66	20	66886	2155	22.08	22.45	CA_13A-48D-66A
2	20	18700	1860	QPSK	1	0	700	1940	5	10	2525	881.5	48	20	55830	3609	48	20	56028	3628.8	66	20	66886	2155	21.61	21.86	CA_2A-5A-48C-66A
2	20	18700	1860	QPSK	1	0	700	1940	13	10	5230	751	48	20	55830	3609	48	20	56028	3628.8	66	20	66886	2155	21.39	21.86	CA_2A-13A-48C-66A
5	10	20450	829	QPSK	1	0	2450	874	5	10	2600	889	66	20	66536	2120	66	10	67187	2185.1	66	10	67286	2195	23.11	23.43	CA_5A-5A-66A-66B
5	10	20450	829	QPSK	1	0	2450	874	5	10	2600	889	66	20	66536	2120	66	20	67038	2170.2	66	20	67236	2190	23.06	23.43	CA_5A-5A-66A-66C
48	20	56640	3690	QPSK	1	0	56640	3690	48	20	56442	3670.2	66	20	66536	2120	66	20	66886	2155	66	20	67236	2190	21.48	21.70	CA_48C-66A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	4	20	2050	2120	4	20	2300	2145	5	10	2525	881.5	21.57	21.86	CA_2A-2A-4A-5A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	4	20	2050	2120	4	20	2300	2145	13	10	5230	751	21.52	21.86	CA_2A-2A-4A-13A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	5	10	2525	881.5	30	10	9820	2355	66	20	66886	2155	21.40	21.86	CA_2A-2A-5A-30A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	5	10	2525	881.5	66	20	66536	2120	66	20	67036	2170	21.63	21.86	CA_2A-2A-5A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	12	10	5095	737.5	30	10	9820	2355	66	20	66886	2155	21.43	21.86	CA_2A-2A-12A-30A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	12	10	5095	737.5	66	20	66536	2120	66	20	67036	2170	21.41	21.86	CA_2A-2A-12A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	13	10	5230	751	66	20	66536	2120	66	20	67036	2170	21.61	21.86	CA_2A-2A-13A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	14	10	5330	763	30	10	9820	2355	66	20	66886	2155	21.56	21.86	CA_2A-2A-14A-30A-66A
2	20	18700	1860	QPSK	1	0	700	1940	2	20	1100	1980	14	10	5330	763	66	20	66536	2120	66	20	67036	2170	21.55	21.86	CA_2A-2A-14A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	12	10	5095	737.5	30	10	9820	2355	66	20	66536	2120	66	20	67036	2170	21.52	21.86	CA_2A-12A-30A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	14	10	5330	763	30	10	9820	2355	66	20	66536	2120	66	20	67036	2170	21.37	21.86	CA_2A-14A-30A-66A-66A
2	20	18700	1860	QPSK	1	0	700	1940	14	10	5330	763	66	20	66536	2120	66	20	66886	2155	66	20	67236	2190	21.60	21.86	CA_2A-14A-66A-66A-66A

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LTE CA information

A)

The device supports downlink LTE Carrier Aggregation (CA) only. It supports a maximum of 6 carriers in the downlink. Other Release 10 features or higher features are not supported, including Enhanced SC-FDMA, Uplink MIMO or other antenna diversity configurations etc. All uplink communications are identical to the Release 8 Specifications.

The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.521-1 V16.6.0. The conducted power measurement results of downlink LTE CA are provided as above per 3GPP TS 36.521-1 V16.6.0. According to KDB 941225 D05A and RF exposure procedures in TCB workshop April 2018, the downlink LTE CA SAR test is not required.

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B)

CA combination table

Index	2CC	Restriction	Completely Covered by Measurement Superset	Index	3CC	Restriction	Completely Covered by Measurement Superset	Index	4CC	Restriction	Completely Covered by Measurement Superset	Index	5CC	Restriction	Completely Covered by Measurement Superset
2CC #1	CA_2A-2A		3CC #13	3CC #1	CA_2A-48C		4CC #10	4CC #1	CA_2A-48D		5CC #3	5CC #1	CA_2A-5A-48D		No
2CC #2	CA_2A-4A		3CC #13	3CC #2	CA_2A-66C		4CC #11	4CC #2	CA_4A-48D		No	5CC #2	CA_2A-13A-48D		No
2CC #3	CA_2A-5A		3CC #14	3CC #3	CA_4A-48C		No	4CC #3	CA_5A-48D		5CC #4	5CC #3	CA_2A-48D-66A		No
2CC #4	CA_2A-12A		3CC #15	3CC #4	CA_5A-48C		4CC #7	4CC #4	CA_13A-48D		5CC #5	5CC #4	CA_5A-48D-66A		No
2CC #5	CA_2A-13A		3CC #16	3CC #5	CA_7C-26A		No	4CC #5	CA_41C-42C		No	5CC #5	CA_13A-48D-66A		No
2CC #6	CA_2A-14A		3CC #17	3CC #6	CA_12A-66C		4CC #8	4CC #6	CA_48D-66A		5CC #3	5CC #6	CA_2A-5A-48C-66A		No
2CC #7	CA_2A-30A		3CC #34	3CC #7	CA_13A-48C		4CC #9	4CC #7	CA_2A-5A-48C		5CC #6	5CC #7	CA_2A-13A-48C-66A		No
2CC #8	CA_2A-48A		3CC #35	3CC #8	CA_41A-42C		No	4CC #8	CA_2A-12A-66C		No	5CC #8	CA_5A-5A-66A-66B		No
2CC #9	CA_2A-66A		3CC #36	3CC #9	CA_41C-42A		No	4CC #9	CA_2A-13A-48C		5CC #7	5CC #9	CA_5A-5A-66A-66C		No
2CC #10	CA_2A-71A		3CC #19	3CC #10	CA_48C-66A		4CC #10	4CC #10	CA_2A-48C-66A		No	5CC #10	CA_48C-66A-66A-66A		No
2CC #11	CA_4A-4A		3CC #38	3CC #11	CA_66A-66C		5CC #9	4CC #11	CA_2A-66C-71A		No	5CC #11	CA_2A-2A-4A-4A-5A		No
2CC #12	CA_4A-5A		3CC #40	3CC #12	CA_66C-71A		4CC #11	4CC #12	CA_2C-66A-66A		No	5CC #12	CA_2A-2A-4A-4A-13A		No
2CC #13	CA_4A-13A		3CC #23	3CC #13	CA_2A-2A-4A		4CC #13	4CC #13	CA_2A-2A-4A-5A		No	5CC #13	CA_2A-2A-5A-30A-66A		No
2CC #14	CA_4A-30A		No	3CC #14	CA_2A-2A-5A		4CC #16	4CC #14	CA_2A-2A-4A-12A		No	5CC #14	CA_2A-2A-5A-66A-66A		No
2CC #15	CA_4A-48A		No	3CC #15	CA_2A-2A-12A		4CC #18	4CC #15	CA_2A-2A-4A-71A		No	5CC #15	CA_2A-2A-12A-30A-66A		No
2CC #16	CA_4A-71A		3CC #39	3CC #16	CA_2A-2A-13A		5CC #17	4CC #16	CA_2A-2A-5A-30A		5CC #13	5CC #16	CA_2A-2A-12A-66A-66A		No
2CC #17	CA_5A-30A		3CC #25	3CC #17	CA_2A-2A-14A		4CC #20	4CC #17	CA_2A-2A-5A-66A		5CC #14	5CC #17	CA_2A-2A-13A-66A-66A		No
2CC #18	CA_5A-48A		3CC #26	3CC #18	CA_2A-2A-66A		4CC #22	4CC #18	CA_2A-2A-12A-30A		5CC #15	5CC #18	CA_2A-2A-14A-30A-66A		No
2CC #19	CA_5A-66A		3CC #27	3CC #19	CA_2A-2A-71A		No	4CC #19	CA_2A-2A-12A-66A		5CC #16	5CC #19	CA_2A-2A-14A-66A-66A		No
2CC #20	CA_7A-26A		No	3CC #20	CA_2A-4A-4A		5CC #11	4CC #20	CA_2A-2A-14A-66A		5CC #19	5CC #20	CA_2A-12A-30A-66A-66A		No
2CC #21	CA_12A-30A		3CC #28	3CC #21	CA_2A-4A-5A		4CC #13	4CC #21	CA_2A-2A-30A-66A		No	5CC #21	CA_2A-14A-30A-66A-66A		No
2CC #22	CA_12A-66A		3CC #29	3CC #22	CA_2A-4A-12A		4CC #14	4CC #22	CA_2A-2A-66A-66A		No	5CC #22	CA_2A-14A-66A-66A-66A		No
2CC #23	CA_13A-48A		3CC #30	3CC #23	CA_2A-4A-13A		No	4CC #23	CA_2A-2A-66A-71A		No				
2CC #24	CA_13A-66A		3CC #31	3CC #24	CA_2A-4A-71A		4CC #15	4CC #24	CA_2A-5A-30A-66A		5CC #13				
2CC #25	CA_14A-30A		3CC #32	3CC #25	CA_2A-5A-30A		5CC #13	4CC #25	CA_2A-5A-66A-66A		5CC #14				
2CC #26	CA_14A-66A		3CC #33	3CC #26	CA_2A-5A-48A		No	4CC #26	CA_2A-12A-30A-66A		5CC #15				
2CC #27	CA_30A-66A		3CC #34	3CC #27	CA_2A-5A-66A		5CC #14	4CC #27	CA_2A-12A-66A-66A		5CC #16				
2CC #28	CA_41A-42A		No	3CC #28	CA_2A-12A-30A		4CC #18	4CC #28	CA_2A-14A-30A-66A		5CC #18				
2CC #29	CA_48A-48A		No	3CC #29	CA_2A-12A-66A		4CC #19	4CC #29	CA_2A-14A-66A-66A		5CC #19				
2CC #30	CA_48A-66A		3CC #35	3CC #30	CA_2A-13A-48A		No	4CC #30	CA_2A-30A-66A-66A		No				
2CC #31	CA_66A-66A		3CC #36	3CC #31	CA_2A-13A-66A		5CC #17	4CC #31	CA_2A-66A-66A-71A		No				
2CC #32	CA_66A-71A		3CC #37	3CC #32	CA_2A-14A-30A		4CC #28	4CC #32	CA_5A-5A-66A-66A		No				
2CC #33	CA_2C		No	3CC #33	CA_2A-14A-66A		4CC #20	4CC #33	CA_5A-30A-66A-66A		No				
2CC #34	CA_7C		3CC #5	3CC #34	CA_2A-30A-66A		4CC #21	4CC #34	CA_12A-30A-66A-66A		5CC #20				
2CC #35	CA_41C		3CC #9	3CC #35	CA_2A-48A-66A		No	4CC #35	CA_14A-30A-66A-66A		5CC #21				
2CC #36	CA_42C		3CC #8	3CC #36	CA_2A-66A-66A		4CC #22								
2CC #37	CA_48C		3CC #1	3CC #37	CA_2A-66A-71A		4CC #23								
2CC #38	CA_66B		5CC #8	3CC #38	CA_4A-4A-12A		No								
2CC #39	CA_66C		3CC #2	3CC #39	CA_4A-4A-71A		No								
				3CC #40	CA_4A-5A-30A		No								
				3CC #41	CA_4A-12A-30A		No								
				3CC #42	CA_5A-30A-66A		4CC #24								
				3CC #43	CA_5A-66A-66A		4CC #25								
				3CC #44	CA_12A-30A-66A		4CC #26								
				3CC #45	CA_12A-66A-66A		4CC #27								
				3CC #46	CA_14A-30A-66A		4CC #28								
				3CC #47	CA_14A-66A-66A		4CC #29								
				3CC #48	CA_30A-66A-66A		4CC #30								
				3CC #49	CA_66A-66A-71A		4CC #31								
				3CC #50	CA_41D		No								
				3CC #51	CA_48D		4CC #1								

Note:

1) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1 V16.6.0.

2) The reference test frequencies for CA refers to 3GPP TS 36.508 V16.6.0

3) Testing is not required in bands or modes not intended/allowed for US operation

4) Based on TCB workshop April 2018, only indicate “No” in CA combination table need power measurement

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5.5 LTE DL MIMO

SAR test exclusion for LTE DL MIMO was determined by UL power measurements with and without DL MIMO. SAR for DL MIMO was not needed since the maximum output power with DL MIMO active was not > 0.25dB higher than the maximum output power with DL MIMO inactive.

DL MIMO maximum power verification								
PCC							TX power	
UL							DL MIMO active	DL MIMO inactive
Band	Bandwidth [MHz]	Channel	Frequency [MHz]	Modulation	RB	RB Offset		
LTE B2	20	18900	1880	QPSK	1	0	21.41	21.91
LTE B4	20	20050	1720	QPSK	1	0	20.60	20.91
LTE B5	10	20450	829	QPSK	1	0	23.06	23.43
LTE B7	20	20850	2510	QPSK	1	0	20.18	20.49
LTE B12	10	23130	711	QPSK	1	0	21.17	21.62
LTE B13	10	23230	782	QPSK	1	0	22.18	22.45
LTE B14	10	23330	793	QPSK	1	0	22.90	23.38
LTE B17	10	23800	711	QPSK	1	0	22.22	22.49
LTE B25	20	26365	1882.5	QPSK	1	0	21.63	21.97
LTE B26_FCC	15	26765	821.5	QPSK	1	0	22.80	23.22
LTE B26_IC	15	26915	836.5	QPSK	1	0	22.80	23.19
LTE B30	10	27710	2310	QPSK	1	0	21.39	21.74
LTE B38	20	37850	2580	QPSK	1	0	23.46	23.84
LTE B41_FCC	20	40620	2593	QPSK	1	0	21.40	21.87
LTE B41_IC	20	40620	2593	QPSK	1	0	21.50	21.87
LTE B42_Part1	20	42590	3500	QPSK	1	0	23.38	23.79
LTE B42_Part2	20	43490	3590	QPSK	1	0	23.49	23.76
LTE B42_IC	20	43000	3541	QPSK	1	0	22.21	22.45
LTE B43	20	44240	3665	QPSK	1	0	22.07	22.42
LTE B48	20	55340	3560	QPSK	1	0	21.43	21.76
LTE B66	20	132072	1720	QPSK	1	0	20.56	20.87
LTE B71	20	133222	673	QPSK	1	0	22.07	22.42

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5.6 LTE Intra-Band UL CA

ANT5

CA_2C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	20	QPSK	18898	1879.8	1	99	0	21.63	22.00
20	QPSK	19100	1900	1	0	20	QPSK	18902	1880.2	1	99	0	21.80	22.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	15	QPSK	18871	1877.1	1	74	0	21.77	22.00
20	QPSK	19100	1900	1	0	15	QPSK	18929	1882.9	1	74	0	21.79	22.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	10	QPSK	18844	1874.4	1	49	0	21.74	22.00
20	QPSK	19100	1900	1	0	10	QPSK	18956	1885.6	1	49	0	21.73	22.00
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	5	QPSK	18817	1871.7	1	24	0	21.67	22.00
20	QPSK	19100	1900	1	0	5	QPSK	18983	1888.3	1	24	0	21.71	22.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	18675	1857.5	1	0	15	QPSK	18825	1872.5	1	74	0	21.77	22.00
15	QPSK	19125	1902.5	1	0	15	QPSK	18975	1887.5	1	74	0	21.79	22.00

CA_7C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	20	QPSK	21152	2540.2	1	99	0	20.38	20.50
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	99	0	20.20	20.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	15	QPSK	21179	2542.9	1	74	0	20.27	20.50
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	74	0	20.28	20.50
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	15	QPSK	21225	2547.5	1	74	0	20.24	20.50
Combination 75RB + 50RB (15MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	10	QPSK	20945	2519.5	1	49	0	20.31	20.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	10	QPSK	20994	2524.4	1	49	0	20.32	20.50

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CA_66B														
Combination 50RB + 50RB (10MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715	132022	1	49	10	QPSK	1724.9	132121	1	0	0	20.57	21.00
10	QPSK	1750.1	132373	1	49	10	QPSK	1760	132472	1	0	0	20.79	21.00
10	QPSK	1765.1	132523	1	49	10	QPSK	1775	132622	1	0	0	20.59	21.00
Combination 25RB + 75RB (5MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1713	132002	1	24	15	QPSK	1722.3	132095	1	0	0	20.70	21.00
5	QPSK	1748.1	132353	1	24	15	QPSK	1757.4	132446	1	0	0	20.71	21.00
5	QPSK	1763.2	132504	1	24	15	QPSK	1772.5	132597	1	0	0	20.62	21.00
Combination 25RB + 50RB (5MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1712.8	132000	1	24	10	QPSK	1720	132072	1	0	0	20.76	21.00
5	QPSK	1750.3	132375	1	24	10	QPSK	1757.5	132447	1	0	0	20.76	21.00
5	QPSK	1767.8	132550	1	24	10	QPSK	1775	132622	1	0	0	20.63	21.00
Combination 25RB + 25RB (5MHz + 5MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1712.5	131997	1	24	5	QPSK	1717.3	132045	1	0	0	20.72	21.00
5	QPSK	1752.6	132398	1	24	5	QPSK	1757.4	132446	1	0	0	20.65	21.00
5	QPSK	1772.7	132599	1	24	5	QPSK	1777.5	132647	1	0	0	20.61	21.00
CA_66C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	1720	132072	1	99	20	QPSK	1739.8	132270	1	0	0	20.57	21.00
20	QPSK	1745.1	132323	1	99	20	QPSK	1764.9	132521	1	0	0	20.69	21.00
20	QPSK	1750.2	132374	1	99	20	QPSK	1770	132572	1	0	0	20.54	21.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	1717.8	132050	1	74	20	QPSK	1734.9	132221	1	0	0	20.61	21.00
15	QPSK	1745.3	132325	1	74	20	QPSK	1762.4	132496	1	0	0	20.65	21.00
15	QPSK	1752.9	132401	1	74	20	QPSK	1770	132572	1	0	0	20.58	21.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	1717.5	132047	1	74	15	QPSK	1732.5	132197	1	0	0	20.58	21.00
15	QPSK	1747.5	132347	1	74	15	QPSK	1762.5	132497	1	0	0	20.59	21.00
15	QPSK	1757.5	132447	1	74	15	QPSK	1772.5	132597	1	0	0	20.66	21.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715.5	132027	1	49	20	QPSK	1729.9	132171	1	0	0	20.63	21.00
10	QPSK	1745.6	132328	1	49	20	QPSK	1760	132472	1	0	0	20.58	21.00
10	QPSK	1755.6	132428	1	49	20	QPSK	1770	132572	1	0	0	20.61	21.00
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715.3	132025	1	49	15	QPSK	1727.3	132145	1	0	0	20.54	21.00
10	QPSK	1747.9	132351	1	49	15	QPSK	1759.9	132471	1	0	0	20.54	21.00
10	QPSK	1760.5	132477	1	49	15	QPSK	1772.5	132597	1	0	0	20.60	21.00
Combination 100RB + 25RB (20MHz + 5MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	1720	132072	1	99	5	QPSK	1731.7	132189	1	0	0	20.51	21.00
20	QPSK	1752.5	132397	1	99	5	QPSK	1764.2	132514	1	0	0	20.57	21.00
20	QPSK	1765	132522	1	99	5	QPSK	1776.7	132639	1	0	0	20.51	21.00

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CA_41C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	20	QPSK	2660.2	41292	1	99	0	21.83	22.50
20	QPSK	2506	39750	1	0	20	QPSK	2525.8	39948	1	99	0	21.64	22.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	15	QPSK	2662.9	41319	1	74	0	21.70	22.50
20	QPSK	2506	39750	1	0	15	QPSK	2523.1	39921	1	74	0	21.75	22.50
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	15	QPSK	2667.5	41365	1	74	0	21.77	22.50
15	QPSK	2503.5	39725	1	0	15	QPSK	2518.5	39875	1	74	0	21.76	22.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	10	QPSK	2665.6	41346	1	49	0	21.61	22.50
20	QPSK	2506	39750	1	0	10	QPSK	2520.4	39894	1	49	0	21.58	22.50
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	10	QPSK	2670.5	41395	1	49	0	21.69	22.50
15	QPSK	2503.5	39725	1	0	10	QPSK	2515.5	39845	1	49	0	21.70	22.50
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	5	QPSK	2668.3	41373	1	24	0	21.57	22.50
20	QPSK	2506	39750	1	0	5	QPSK	2517.7	39867	1	24	0	21.76	22.50
CA_48C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	3560	55340	1	99	20	QPSK	3579.8	55538	1	0	0	21.59	22.00
20	QPSK	3615.1	55891	1	99	20	QPSK	3634.9	56089	1	0	0	21.58	22.00
20	QPSK	3670.2	56442	1	99	20	QPSK	3690	56640	1	0	0	21.65	22.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	3557.8	55318	1	74	20	QPSK	3574.9	55489	1	0	0	21.51	22.00
15	QPSK	3615.3	55893	1	74	20	QPSK	3632.4	56064	1	0	0	21.54	22.00
15	QPSK	3672.9	56469	1	74	20	QPSK	3690	56640	1	0	0	21.47	22.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	3555.5	55295	1	49	20	QPSK	3569.9	55439	1	0	0	21.38	22.00
10	QPSK	3615.6	55896	1	49	20	QPSK	3630	56040	1	0	0	21.36	22.00
10	QPSK	3675.6	56496	1	49	20	QPSK	3690	56640	1	0	0	21.26	22.00
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	3553.3	55273	1	24	20	QPSK	3565	55390	1	0	0	21.20	22.00
5	QPSK	3615.8	55898	1	24	20	QPSK	3627.5	56015	1	0	0	21.24	22.00
5	QPSK	3678.3	56523	1	24	20	QPSK	3690	56640	1	0	0	21.18	22.00

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CA_2C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	20	QPSK	18898	1879.8	1	99	0	22.58	23.00
20	QPSK	19100	1900	1	0	20	QPSK	18902	1880.2	1	99	0	22.45	23.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	15	QPSK	18871	1877.1	1	74	0	22.41	23.00
20	QPSK	19100	1900	1	0	15	QPSK	18929	1882.9	1	74	0	22.41	23.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	10	QPSK	18844	1874.4	1	49	0	22.44	23.00
20	QPSK	19100	1900	1	0	10	QPSK	18956	1885.6	1	49	0	22.48	23.00
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	5	QPSK	18817	1871.7	1	24	0	22.53	23.00
20	QPSK	19100	1900	1	0	5	QPSK	18983	1888.3	1	24	0	22.42	23.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	18675	1857.5	1	0	15	QPSK	18825	1872.5	1	74	0	22.45	23.00
15	QPSK	19125	1902.5	1	0	15	QPSK	18975	1887.5	1	74	0	22.52	23.00
CA_7C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	20	QPSK	21152	2540.2	1	99	0	23.78	24.00
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	99	0	23.74	24.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	15	QPSK	21179	2542.9	1	74	0	23.67	24.00
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	74	0	23.76	24.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	15	QPSK	21225	2547.5	1	74	0	23.76	24.00
Combination 75RB + 50RB (15MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	10	QPSK	20945	2519.5	1	49	0	23.62	24.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	10	QPSK	20994	2524.4	1	49	0	23.67	24.00

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CA_66B														
Combination 50RB + 50RB (10MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715	132022	1	49	10	QPSK	1724.9	132121	1	0	0	23.02	24.00
10	QPSK	1750.1	132373	1	49	10	QPSK	1760	132472	1	0	0	22.97	24.00
10	QPSK	1765.1	132523	1	49	10	QPSK	1775	132622	1	0	0	22.90	24.00
Combination 25RB + 75RB (5MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1713	132002	1	24	15	QPSK	1722.3	132095	1	0	0	23.00	24.00
5	QPSK	1748.1	132353	1	24	15	QPSK	1757.4	132446	1	0	0	22.97	24.00
5	QPSK	1763.2	132504	1	24	15	QPSK	1772.5	132597	1	0	0	22.97	24.00
Combination 25RB + 50RB (5MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1712.8	132000	1	24	10	QPSK	1720	132072	1	0	0	22.92	24.00
5	QPSK	1750.3	132375	1	24	10	QPSK	1757.5	132447	1	0	0	22.95	24.00
5	QPSK	1767.8	132550	1	24	10	QPSK	1775	132622	1	0	0	23.01	24.00
Combination 25RB + 25RB (5MHz + 5MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1712.5	131997	1	24	5	QPSK	1717.3	132045	1	0	0	22.99	24.00
5	QPSK	1752.6	132398	1	24	5	QPSK	1757.4	132446	1	0	0	22.86	24.00
5	QPSK	1772.7	132599	1	24	5	QPSK	1777.5	132647	1	0	0	22.85	24.00
CA_66C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	1720	132072	1	99	20	QPSK	1739.8	132270	1	0	0	22.94	24.00
20	QPSK	1745.1	132323	1	99	20	QPSK	1764.9	132521	1	0	0	23.05	24.00
20	QPSK	1750.2	132374	1	99	20	QPSK	1770	132572	1	0	0	23.01	24.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	1717.8	132050	1	74	20	QPSK	1734.9	132221	1	0	0	23.03	24.00
15	QPSK	1745.3	132325	1	74	20	QPSK	1762.4	132496	1	0	0	22.84	24.00
15	QPSK	1752.9	132401	1	74	20	QPSK	1770	132572	1	0	0	22.95	24.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	1717.5	132047	1	74	15	QPSK	1732.5	132197	1	0	0	22.93	24.00
15	QPSK	1747.5	132347	1	74	15	QPSK	1762.5	132497	1	0	0	22.86	24.00
15	QPSK	1757.5	132447	1	74	15	QPSK	1772.5	132597	1	0	0	22.88	24.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715.5	132027	1	49	20	QPSK	1729.9	132171	1	0	0	22.88	24.00
10	QPSK	1745.6	132328	1	49	20	QPSK	1760	132472	1	0	0	22.94	24.00
10	QPSK	1755.6	132428	1	49	20	QPSK	1770	132572	1	0	0	22.85	24.00
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715.3	132025	1	49	15	QPSK	1727.3	132145	1	0	0	23.01	24.00
10	QPSK	1747.9	132351	1	49	15	QPSK	1759.9	132471	1	0	0	22.84	24.00
10	QPSK	1760.5	132477	1	49	15	QPSK	1772.5	132597	1	0	0	23.01	24.00
Combination 100RB + 25RB (20MHz + 5MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	1720	132072	1	99	5	QPSK	1731.7	132189	1	0	0	22.94	24.00
20	QPSK	1752.5	132397	1	99	5	QPSK	1764.2	132514	1	0	0	22.89	24.00
20	QPSK	1765	132522	1	99	5	QPSK	1776.7	132639	1	0	0	23.01	24.00

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CA_41C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	20	QPSK	2660.2	41292	1	99	0	23.63	24.00
20	QPSK	2506	39750	1	0	20	QPSK	2525.8	39948	1	99	0	23.49	24.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	15	QPSK	2662.9	41319	1	74	0	23.59	24.00
20	QPSK	2506	39750	1	0	15	QPSK	2523.1	39921	1	74	0	23.46	24.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	15	QPSK	2667.5	41365	1	74	0	23.46	24.00
15	QPSK	2503.5	39725	1	0	15	QPSK	2518.5	39875	1	74	0	23.52	24.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	10	QPSK	2665.6	41346	1	49	0	23.46	24.00
20	QPSK	2506	39750	1	0	10	QPSK	2520.4	39894	1	49	0	23.52	24.00
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	10	QPSK	2670.5	41395	1	49	0	23.52	24.00
15	QPSK	2503.5	39725	1	0	10	QPSK	2515.5	39845	1	49	0	23.58	24.00
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	5	QPSK	2668.3	41373	1	24	0	23.59	24.00
20	QPSK	2506	39750	1	0	5	QPSK	2517.7	39867	1	24	0	23.52	24.00
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	3560	55340	1	99	20	QPSK	3579.8	55538	1	0	0	21.35	22.00
20	QPSK	3615.1	55891	1	99	20	QPSK	3634.9	56089	1	0	0	21.26	22.00
20	QPSK	3670.2	56442	1	99	20	QPSK	3690	56640	1	0	0	21.27	22.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	3557.8	55318	1	74	20	QPSK	3574.9	55489	1	0	0	21.17	22.00
15	QPSK	3615.3	55893	1	74	20	QPSK	3632.4	56064	1	0	0	21.23	22.00
15	QPSK	3672.9	56469	1	74	20	QPSK	3690	56640	1	0	0	21.06	22.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	3555.5	55295	1	49	20	QPSK	3569.9	55439	1	0	0	20.98	22.00
10	QPSK	3615.6	55896	1	49	20	QPSK	3630	56040	1	0	0	21.19	22.00
10	QPSK	3675.6	56496	1	49	20	QPSK	3690	56640	1	0	0	20.88	22.00
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	3553.3	55273	1	24	20	QPSK	3565	55390	1	0	0	20.83	22.00
5	QPSK	3615.8	55898	1	24	20	QPSK	3627.5	56015	1	0	0	21.14	22.00
5	QPSK	3678.3	56523	1	24	20	QPSK	3690	56640	1	0	0	20.70	22.00

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5.7 FDD NR

ANT5

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)				1870	1880	1890		
Channel				374000	376000	378000		
40	Pi/2 BPSK	1	1	21.72	21.66	21.69	22.00	0.0
		1	108	21.57	21.52	21.66	22.00	0.0
		1	214	21.43	21.37	21.50	22.00	0.0
		108	0	21.35	21.35	21.45	21.50	0.5
		108	54	21.16	21.24	21.34	22.00	0.0
		108	108	21.13	21.21	21.30	21.50	0.5
		216	0	21.04	21.04	21.22	21.50	0.5
	QPSK	1	1	20.93	20.84	21.13	22.00	0.0
		1	108	20.84	20.80	21.02	22.00	0.0
		1	214	20.70	20.77	21.00	22.00	0.0
		108	0	20.63	20.62	20.83	21.00	1.0
		108	54	20.52	20.49	20.75	22.00	0.0
		108	108	20.48	20.36	20.59	21.00	1.0
		216	0	20.34	20.20	20.49	21.00	1.0
	16-QAM	1	1	20.16	20.09	20.46	21.00	1.0
	64QAM	1	1	19.29	19.46	19.31	19.50	2.5
	256-QAM	1	1	17.44	17.39	17.37	17.50	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)				1867.5	1880	1892.5		
Channel				373500	376000	378500		
35	Pi/2 BPSK	1	1	21.56	21.61	21.59	22.00	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)				1865	1880	1895		
Channel				373000	376000	379000		
30	Pi/2 BPSK	1	1	21.59	21.60	21.65	22.00	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)				1862.5	1880	1897.5		
Channel				372500	376000	379500		
25	Pi/2 BPSK	1	1	21.51	21.50	21.55	22.00	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)				1860	1880	1900		
Channel				372000	376000	380000		
20	Pi/2 BPSK	1	1	21.61	21.52	21.53	22.00	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)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	21.68	21.61	21.62	22.00	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	21.65	21.53	21.55	22.00	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)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	21.64	21.53	21.57	22.00	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	22.94	22.96	22.95	24.00	0.0
		1	53	22.88	22.82	22.75	24.00	0.0
		1	104	22.71	22.67	22.64	24.00	0.0
		50	0	22.54	22.60	22.45	23.50	0.5
		50	28	22.52	22.51	22.36	24.00	0.0
		50	56	22.39	22.42	22.16	23.50	0.5
		100	0	22.25	22.26	22.05	23.50	0.5
	QPSK	1	1	22.86	22.14	22.12	24.00	0.0
		1	53	22.92	22.75	22.84	24.00	0.0
		1	104	22.78	22.71	22.64	24.00	0.0
		50	0	22.69	22.61	22.45	23.00	1.0
		50	28	22.62	22.42	22.37	24.00	0.0
		50	56	22.45	22.26	22.23	23.00	1.0
		100	0	22.24	22.22	22.11	23.00	1.0
	16-QAM	1	1	22.06	22.19	21.96	23.00	1.0
	64QAM	1	1	21.34	21.40	21.39	21.50	2.5
	256-QAM	1	1	19.34	19.37	19.41	19.50	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	22.84	22.78	22.86	24.00	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	22.87	22.89	22.80	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)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	22.76	22.78	22.83	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)				2525	2535	2545		
Channel				505000	507000	509000		
50	Pi/2 BPSK	1	1	20.23	20.25	20.32	20.50	0.0
		1	135	20.17	20.13	20.09	20.50	0.0
		1	268	20.06	19.97	19.96	20.50	0.0
		135	0	19.81	19.93	19.82	20.00	0.5
		135	67	19.63	19.72	19.66	20.50	0.0
		135	135	19.42	19.56	19.49	20.00	0.5
		270	0	19.24	19.50	19.46	20.00	0.5
	QPSK	1	1	20.11	20.06	20.16	20.50	0.0
		1	135	20.07	20.19	20.15	20.50	0.0
		1	268	20.01	20.00	20.09	20.50	0.0
		135	0	19.45	19.48	19.30	19.50	1.0
		135	67	19.34	19.30	19.25	20.50	0.0
		135	135	19.13	19.16	19.21	19.50	1.0
		270	0	19.06	19.03	19.02	19.50	1.0
	16-QAM	1	1	18.85	18.98	18.93	19.50	1.0
	64QAM	1	1	17.89	17.89	17.92	18.00	2.5
	256-QAM	1	1	15.96	15.86	15.78	16.00	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)				2520	2535	2550		
Channel				504000	507000	510000		
40	Pi/2 BPSK	1	1	20.06	20.19	20.19	20.50	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)				2517.5	2535	2552.5		
Channel				503500	507000	510500		
35	Pi/2 BPSK	1	1	20.06	20.17	20.16	20.50	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)				2515	2535	2555		
Channel				503000	507000	511000		
30	Pi/2 BPSK	1	1	20.20	20.20	20.19	20.50	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)				2512.5	2535	2557.5		
Channel				502500	507000	511500		
25	Pi/2 BPSK	1	1	20.07	20.13	20.15	20.50	0.0

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	20.18	20.07	20.20	20.50	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)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	20.13	20.03	20.13	20.50	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)				2505	2535	2565		
Channel				501000	507000	513000		
10	Pi/2 BPSK	1	1	20.12	20.17	20.18	20.50	0.0

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	20.04	20.05	20.12	20.50	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)				706.5	707.5	708.5		
Channel				141300	141500	141700		
15	Pi/2 BPSK	1	1	22.29	22.42	22.45	22.50	0.0
		1	40	22.23	22.21	22.13	22.50	0.0
		1	77	22.19	22.09	22.02	22.50	0.0
		36	0	21.81	21.92	21.79	22.00	0.5
		36	22	21.63	21.71	21.75	22.50	0.0
		36	43	21.47	21.60	21.59	22.00	0.5
		75	0	21.34	21.41	21.47	22.00	0.5
	QPSK	1	1	22.29	22.35	22.23	22.50	0.0
		1	40	22.26	22.25	22.35	22.50	0.0
		1	77	22.13	22.04	22.16	22.50	0.0
		36	0	21.34	21.38	21.35	21.50	1.0
		36	22	21.29	21.20	21.18	22.50	0.0
		36	43	21.23	21.01	20.99	21.50	1.0
		75	0	21.10	20.95	20.79	21.50	1.0
	16-QAM	1	1	21.02	20.74	20.58	21.50	1.0
	64QAM	1	1	19.93	19.92	19.92	20.00	2.5
	256-QAM	1	1	17.96	17.81	17.87	18.00	4.5

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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)				704	707.5	711		
Channel				140800	141500	142200		
10	Pi/2 BPSK	1	1	22.09	22.12	22.21	22.50	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	22.10	22.21	22.23	22.50	0.0

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		22.44		22.50	0.0
		1	26		22.15		22.50	0.0
		1	49		21.97		22.50	0.0
		25	0		21.93		22.00	0.5
		25	13		21.75		22.50	0.0
		25	26		21.62		22.00	0.5
		50	0		21.48		22.00	0.5
	QPSK	1	1		22.25		22.50	0.0
		1	26		22.28		22.50	0.0
		1	49		22.16		22.50	0.0
		25	0		21.32		21.50	1.0
		25	13		21.19		22.50	0.0
		25	26		20.99		21.50	1.0
		50	0		20.94		21.50	1.0
	16-QAM	1	1		20.92		21.50	1.0
	64QAM	1	1		19.90		20.00	2.5
	256-QAM	1	1		17.95		18.00	4.5

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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)				779.5	782	784.5		
Channel				155900	156400	156900		
5	Pi/2 BPSK	1	1	22.26	22.12	22.12	22.50	0.0

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		23.19		24.00	0.0
		1	26		23.03		24.00	0.0
		1	49		22.85		24.00	0.0
		25	0		22.97		23.50	0.5
		25	13		22.92		24.00	0.0
		25	26		22.80		23.50	0.5
		50	0		22.65		23.50	0.5
	QPSK	1	1		23.01		24.00	0.0
		1	26		23.00		24.00	0.0
		1	49		22.76		24.00	0.0
		25	0		22.81		23.00	1.0
		25	13		22.66		24.00	0.0
		25	26		22.50		23.00	1.0
		50	0		22.41		23.00	1.0
	16-QAM	1	1		22.31		23.00	1.0
	64QAM	1	1		21.29		21.50	2.5
	256-QAM	1	1		19.33		19.50	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	23.14	23.04	22.98	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)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	21.62	21.66	21.68	22.50	0.0
		1	108	21.44	21.47	21.58	22.50	0.0
		1	214	21.24	21.45	21.47	22.50	0.0
		108	0	21.48	21.54	21.54	22.00	0.5
		108	54	21.41	21.34	21.43	22.50	0.0
		108	108	21.20	21.13	21.25	22.00	0.5
		216	0	21.11	20.99	21.05	22.00	0.5
	QPSK	1	1	21.57	21.46	21.47	22.50	0.0
		1	108	21.24	21.29	21.50	22.50	0.0
		1	214	21.18	21.41	21.44	22.50	0.0
		108	0	21.46	21.37	21.43	21.50	1.0
		108	54	21.39	21.28	21.22	22.50	0.0
		108	108	21.21	21.13	21.16	21.50	1.0
		216	0	21.02	20.95	21.00	21.50	1.0
	16-QAM	1	1	20.98	20.88	20.96	21.50	1.0
	64QAM	1	1	19.96	19.94	19.90	20.00	2.5
	256-QAM	1	1	17.86	17.81	17.95	18.00	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)				1867.5	1882.5	1897.5		
Channel				373500	376500	379500		
35	Pi/2 BPSK	1	1	21.47	21.41	21.41	22.50	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)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	21.47	21.41	21.41	22.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	21.52	21.40	21.59	22.50	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)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	21.50	21.54	21.57	22.50	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)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	21.52	21.53	21.52	22.50	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	21.51	21.50	21.58	22.50	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)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	21.48	21.45	21.49	22.50	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)				829	831.5	834		
Channel				165800	166300	166800		
30	Pi/2 BPSK	1	1	23.56	23.53	23.51	24.00	0.0
		1	80	23.40	23.40	23.43	24.00	0.0
		1	158	23.33	23.47	23.29	24.00	0.0
		80	0	23.49	23.39	23.38	23.50	0.5
		80	40	23.38	23.34	23.24	24.00	0.0
		80	80	23.20	23.22	23.13	23.50	0.5
		160	0	23.00	23.18	23.01	23.50	0.5
	QPSK	1	1	23.47	23.36	23.36	24.00	0.0
		1	80	23.31	23.30	23.38	24.00	0.0
		1	158	23.15	23.37	23.20	24.00	0.0
		80	0	22.91	22.78	22.85	23.00	1.0
		80	40	22.75	22.66	22.67	24.00	0.0
		80	80	22.72	22.46	22.50	23.00	1.0
		160	0	22.56	22.38	22.43	23.00	1.0
	16-QAM	1	1	22.39	22.18	22.37	23.00	1.0
	64QAM	1	1	21.32	21.40	21.32	21.50	2.5
	256-QAM	1	1	19.35	19.45	19.30	19.50	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)				826.5	831.5	836.5		
Channel				165300	166300	167300		
25	Pi/2 BPSK	1	1	23.50	23.35	23.35	24.00	0.0

5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824	831.5	839		
Channel				164800	166300	167800		
20	Pi/2 BPSK	1	1	23.50	23.43	23.43	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)				821.5	831.5	841.5		
Channel				164300	166300	168300		
15	Pi/2 BPSK	1	1	23.52	23.44	23.37	24.00	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	23.33	23.42	23.38	24.00	0.0

5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				163300	166300	169300		
5	Pi/2 BPSK	1	1	23.41	23.31	23.35	24.00	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		22.48		22.50	0.0
		1	26		22.36		22.50	0.0
		1	49		22.19		22.50	0.0
		25	0		21.79		22.00	0.5
		25	13		21.73		22.50	0.0
		25	26		21.69		22.00	0.5
		50	0		21.60		22.00	0.5
	QPSK	1	1		22.37		22.50	0.0
		1	26		22.31		22.50	0.0
		1	49		22.00		22.50	0.0
		25	0		21.33		21.50	1.0
		25	13		21.11		22.50	0.0
		25	26		21.09		21.50	1.0
		50	0		20.99		21.50	1.0
	16-QAM	1	1		20.93		21.50	1.0
	64QAM	1	1		19.88		20.00	2.5
	256-QAM	1	1		17.95		18.00	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	22.40	22.41	22.43	22.50	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1732.5	1745	1757.5		
Channel				346500	349000	351500		
45	Pi/2 BPSK	1	1	20.60	20.57	20.59	21.00	0.0
		1	121	20.43	20.50	20.41	21.00	0.0
		1	240	20.38	20.38	20.33	21.00	0.0
		120	0	20.45	20.45	20.39	20.50	0.5
		120	60	20.41	20.24	20.21	21.00	0.0
		120	120	20.32	20.15	20.02	20.50	0.5
		240	0	20.10	19.95	19.84	20.50	0.5
	QPSK	1	1	20.50	20.54	20.50	21.00	0.0
		1	121	20.35	20.38	20.29	21.00	0.0
		1	240	20.21	20.29	20.18	21.00	0.0
		120	0	19.95	19.87	19.95	20.00	1.0
		120	60	19.78	19.80	19.81	21.00	0.0
		120	120	19.63	19.77	19.71	20.00	1.0
		240	0	19.48	19.70	19.58	20.00	1.0
	16-QAM	1	1	19.29	19.62	19.56	20.00	1.0
	64QAM	1	1	18.44	18.34	18.46	18.50	2.5
	256-QAM	1	1	16.28	16.35	16.38	16.50	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)				1730	1745	1760		
Channel				346000	349000	352000		
40	Pi/2 BPSK	1	1	20.40	20.57	20.56	21.00	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)				1727.5	1745	1762.5		
Channel				345500	349000	352500		
35	Pi/2 BPSK	1	1	20.51	20.46	20.38	21.00	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)				1725	1745	1765		
Channel				345000	349000	353000		
30	Pi/2 BPSK	1	1	20.55	20.47	20.39	21.00	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)				1722.5	1745	1767.5		
Channel				344500	349000	353500		
25	Pi/2 BPSK	1	1	20.55	20.38	20.53	21.00	0.0

5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	20.53	20.54	20.43	21.00	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)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	20.41	20.44	20.38	21.00	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	20.52	20.39	20.42	21.00	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	20.47	20.42	20.43	21.00	0.0

5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	22.17	22.23	22.13	22.50	0.0
		1	53	22.08	22.07	21.97	22.50	0.0
		1	104	22.00	21.98	21.85	22.50	0.0
		50	0	21.87	21.87	21.89	22.00	0.5
		50	28	21.83	21.75	21.74	22.50	0.0
		50	56	21.73	21.73	21.61	22.00	0.5
		100	0	21.56	21.55	21.54	22.00	0.5
	QPSK	1	1	22.01	22.15	22.06	22.50	0.0
		1	53	22.02	21.93	21.81	22.50	0.0
		1	104	21.95	21.94	21.67	22.50	0.0
		50	0	21.38	21.31	21.38	21.50	1.0
		50	28	21.23	21.11	21.21	22.50	0.0
		50	56	21.12	20.90	21.12	21.50	1.0
		100	0	21.04	20.78	20.93	21.50	1.0
	16-QAM	1	1	20.87	20.62	20.89	21.50	1.0
	64QAM	1	1	19.93	19.97	19.97	20.00	2.5
	256-QAM	1	1	17.90	17.91	17.79	18.00	4.5

5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	22.13	22.00	22.06	22.50	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133600	136100	138600		
10	Pi/2 BPSK	1	1	22.12	22.11	22.03	22.50	0.0

5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	22.00	22.08	21.96	22.50	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)				1870	1880	1890		
Channel				374000	376000	378000		
40	Pi/2 BPSK	1	1	22.57	22.68	22.61	23.00	0.0
		1	108	22.45	22.39	22.36	23.00	0.0
		1	214	22.42	22.27	22.21	23.00	0.0
		108	0	22.44	22.36	22.46	22.50	0.5
		108	54	22.42	22.33	22.33	23.00	0.0
		108	108	22.31	22.20	22.26	22.50	0.5
		216	0	22.22	22.00	22.04	22.50	0.5
	QPSK	1	1	22.39	22.50	22.54	23.00	0.0
		1	108	22.24	22.19	22.31	23.00	0.0
		1	214	22.35	22.13	22.17	23.00	0.0
		108	0	21.80	21.91	21.80	22.00	1.0
		108	54	21.76	21.84	21.78	23.00	0.0
		108	108	21.59	21.78	21.69	22.00	1.0
		216	0	21.37	21.69	21.63	22.00	1.0
	16-QAM	1	1	21.33	21.56	21.45	22.00	1.0
	64QAM	1	1	20.35	20.45	20.39	20.50	2.5
	256-QAM	1	1	18.40	18.37	18.46	18.50	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)				1867.5	1880	1892.5		
Channel				373500	376000	378500		
35	Pi/2 BPSK	1	1	22.55	22.42	22.37	23.00	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)				1865	1880	1895		
Channel				373000	376000	379000		
30	Pi/2 BPSK	1	1	22.44	22.37	22.41	23.00	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)				1862.5	1880	1897.5		
Channel				372500	376000	379500		
25	Pi/2 BPSK	1	1	22.42	22.35	22.39	23.00	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)				1860	1880	1900		
Channel				372000	376000	380000		
20	Pi/2 BPSK	1	1	22.44	22.45	22.39	23.00	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)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	22.38	22.50	22.40	23.00	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	22.40	22.43	22.36	23.00	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)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	22.48	22.49	22.36	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)				2525	2535	2545		
Channel				505000	507000	509000		
50	Pi/2 BPSK	1	1	23.45	23.52	23.33	24.00	0.0
		1	135	23.25	23.35	23.42	24.00	0.0
		1	268	23.20	23.20	23.27	24.00	0.0
		135	0	23.46	23.43	23.48	23.50	0.5
		135	67	23.40	23.36	23.33	24.00	0.0
		135	135	23.33	23.21	23.16	23.50	0.5
		270	0	23.21	23.12	23.04	23.50	0.5
	QPSK	1	1	23.24	23.37	23.36	24.00	0.0
		1	135	23.16	23.16	23.24	24.00	0.0
		1	268	23.05	23.10	23.14	24.00	0.0
		135	0	22.90	22.88	22.94	23.00	1.0
		135	67	22.80	22.67	22.79	24.00	0.0
		135	135	22.70	22.48	22.62	23.00	1.0
		270	0	22.56	22.43	22.47	23.00	1.0
	16-QAM	1	1	22.46	22.31	22.29	23.00	1.0
	64QAM	1	1	21.42	21.38	21.39	21.50	2.5
	256-QAM	1	1	19.40	19.39	19.42	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)				2520	2535	2550		
Channel				504000	507000	510000		
40	Pi/2 BPSK	1	1	23.30	23.26	23.24	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)				2517.5	2535	2552.5		
Channel				503500	507000	510500		
35	Pi/2 BPSK	1	1	23.27	23.39	23.34	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)				2515	2535	2555		
Channel				503000	507000	511000		
30	Pi/2 BPSK	1	1	23.32	23.34	23.25	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)				2512.5	2535	2557.5		
Channel				502500	507000	511500		
25	Pi/2 BPSK	1	1	23.33	23.36	23.28	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)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	23.25	23.38	23.33	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)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	23.24	23.25	23.23	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	23.37	23.39	23.26	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	23.26	23.32	23.27	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)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	22.93	23.03	23.09	23.50	0.0
		1	108	22.82	22.73	22.78	23.50	0.0
		1	214	22.78	22.58	22.73	23.50	0.0
		108	0	22.84	22.93	22.94	23.00	0.5
		108	54	22.81	22.84	22.90	23.50	0.0
		108	108	22.68	22.79	22.72	23.00	0.5
		216	0	22.64	22.73	22.53	23.00	0.5
	QPSK	1	1	22.73	22.75	22.76	23.50	0.0
		1	108	22.72	22.64	22.69	23.50	0.0
		1	214	22.69	22.45	22.64	23.50	0.0
		108	0	22.45	22.39	22.34	22.50	1.0
		108	54	22.32	22.33	22.30	23.50	0.0
		108	108	22.19	22.21	22.22	22.50	1.0
		216	0	22.11	22.04	22.10	22.50	1.0
	16-QAM	1	1	22.02	21.91	22.08	22.50	1.0
	64QAM	1	1	20.78	20.90	20.84	21.00	2.5
	256-QAM	1	1	18.90	18.87	18.92	19.00	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)				1867.5	1882.5	1897.5		
Channel				373500	376500	379500		
35	Pi/2 BPSK	1	1	22.82	22.75	22.88	23.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	22.91	22.83	22.90	23.50	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)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	22.87	22.71	22.73	23.50	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)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	22.78	22.78	22.83	23.50	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)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	22.81	22.74	22.81	23.50	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	22.74	22.74	22.81	23.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	22.81	22.78	22.88	23.50	0.0

5G NR n30_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					462000			
10	Pi/2 BPSK	1	1		22.74		23.00	0.0
		1	26		22.68		23.00	0.0
		1	49		22.43		23.00	0.0
		25	0		22.37		22.50	0.5
		25	13		22.43		23.00	0.0
		25	26		22.38		22.50	0.5
		50	0		22.13		22.50	0.5
	QPSK	1	1		22.66		23.00	0.0
		1	26		22.48		23.00	0.0
		1	49		22.48		23.00	0.0
		25	0		21.83		22.00	1.0
		25	13		22.28		23.00	0.0
		25	26		21.57		22.00	1.0
		50	0		21.90		22.00	1.0
	16-QAM	1	1		21.75		22.00	1.0
	64QAM	1	1		20.35		20.50	2.5
	256-QAM	1	1		18.23		18.50	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	22.56	22.56	22.62	23.00	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)				1732.5	1745	1757.5		
Channel				346500	349000	351500		
45	Pi/2 BPSK	1	1	22.93	22.95	22.88	24.00	0.0
		1	121	22.76	22.90	22.91	24.00	0.0
		1	240	22.60	22.87	22.78	24.00	0.0
		120	0	22.86	22.87	22.83	23.50	0.5
		120	60	22.83	22.80	22.76	24.00	0.0
		120	120	22.76	22.77	22.71	23.50	0.5
		240	0	22.73	22.63	22.62	23.50	0.5
	QPSK	1	1	22.79	22.72	22.76	24.00	0.0
		1	121	22.58	22.71	22.83	24.00	0.0
		1	240	22.52	22.82	22.57	24.00	0.0
		120	0	22.91	22.80	22.77	23.00	1.0
		120	60	22.80	22.74	22.72	24.00	0.0
		120	120	22.59	22.68	22.63	23.00	1.0
		240	0	22.54	22.55	22.55	23.00	1.0
	16-QAM	1	1	22.51	22.51	22.46	23.00	1.0
	64QAM	1	1	21.44	21.40	21.30	21.50	2.5
	256-QAM	1	1	19.29	19.43	19.36	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)				1730	1745	1760		
Channel				346000	349000	352000		
40	Pi/2 BPSK	1	1	22.72	22.90	22.78	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)				1727.5	1745	1762.5		
Channel				345500	349000	352500		
35	Pi/2 BPSK	1	1	22.81	22.82	22.84	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)				1725	1745	1765		
Channel				345000	349000	353000		
30	Pi/2 BPSK	1	1	22.82	22.78	22.72	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)				1722.5	1745	1767.5		
Channel				344500	349000	353500		
25	Pi/2 BPSK	1	1	22.74	22.83	22.82	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)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	22.80	22.74	22.80	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)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	22.86	22.88	22.75	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	22.79	22.84	22.77	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	22.89	22.91	22.78	24.00	0.0

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5.8 TDD NR

ANT5

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)				2590.02	2595	2599.98		
Channel				518004	519000	519996		
40	Pi/2 BPSK	1	1	23.55	23.52	23.59	24.00	0.0
		1	53	23.35	23.43	23.50	24.00	0.0
		1	104	23.17	23.22	23.31	24.00	0.0
		50	0	23.44	23.32	23.48	23.50	0.5
		50	28	23.23	23.10	23.46	24.00	0.0
		50	56	23.20	23.01	23.39	23.50	0.5
		100	0	22.98	22.91	23.36	23.50	0.5
	QPSK	1	1	23.52	23.41	23.35	24.00	0.0
		1	53	23.18	23.24	23.44	24.00	0.0
		1	104	23.04	23.02	23.12	24.00	0.0
		50	0	22.89	22.81	22.82	23.00	1.0
		50	28	22.76	22.73	22.78	24.00	0.0
		50	56	22.55	22.70	22.72	23.00	1.0
		100	0	22.47	22.52	22.53	23.00	1.0
	16-QAM	1	1	22.28	22.45	22.35	23.00	1.0
	64QAM	1	1	21.30	21.37	21.29	21.50	2.5
	256-QAM	1	1	19.42	19.39	19.46	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)				2585.01	2595	2604.99		
Channel				517002	519000	520998		
30	Pi/2 BPSK	1	1	23.36	23.51	23.37	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)				2582.52	2595	2607.48		
Channel				516504	519000	521496		
25	Pi/2 BPSK	1	1	23.35	23.51	23.47	24.00	0.0

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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	23.34	23.37	23.39	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)				2577.51	2595	2612.49		
Channel				515502	519000	522498		
15	Pi/2 BPSK	1	1	23.36	23.45	23.48	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	23.34	23.41	23.46	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)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	22.48	22.49	22.30	22.50	0.0
		1	137	22.29	22.34	22.43	22.50	0.0
		1	271	22.25	22.23	22.32	22.50	0.0
		135	0	21.87	21.80	21.95	22.00	0.5
		135	69	21.75	21.75	21.77	22.50	0.0
		135	138	21.64	21.69	21.61	22.00	0.5
		270	0	21.55	21.51	21.45	22.00	0.5
	QPSK	1	1	22.45	22.34	22.45	22.50	0.0
		1	137	22.17	22.31	22.31	22.50	0.0
		1	271	22.17	22.09	22.21	22.50	0.0
		135	0	21.32	21.38	21.36	21.50	1.0
		135	69	21.10	21.31	21.16	22.50	0.0
		135	138	20.99	21.24	21.08	21.50	1.0
		270	0	20.94	21.06	21.00	21.50	1.0
	16-QAM	1	1	20.90	21.01	20.80	21.50	1.0
	64QAM	1	1	19.95	19.89	19.85	20.00	2.5
	256-QAM	1	1	17.80	17.81	17.91	18.00	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)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	Pi/2 BPSK	1	1	22.40	22.26	22.27	22.50	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)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	22.42	22.32	22.44	22.50	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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	22.44	22.40	22.36	22.50	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)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	22.28	22.40	22.30	22.50	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)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	22.27	22.42	22.31	22.50	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)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	Pi/2 BPSK	1	1	22.44	22.35	22.34	22.50	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)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	22.35	22.37	22.31	22.50	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)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	22.43	22.44	22.29	22.50	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)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	22.30	22.39	22.36	22.50	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)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	22.32	22.44	22.33	22.50	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)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	22.30	22.39	22.30	22.50	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)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	22.32	22.38	22.37	22.50	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)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	22.38	22.40	22.36	22.50	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	22.14	21.96	21.92	22.50	0.0
		1	137	21.87	21.85	21.95	22.50	0.0
		1	271	21.84	21.96	21.95	22.50	0.0
		135	0	21.38	21.33	21.33	22.00	0.5
		135	69	21.93	21.82	21.81	22.50	0.0
		135	138	21.30	21.30	21.45	22.00	0.5
		270	0	21.35	21.44	21.34	22.00	0.5
	QPSK	1	1	21.97	22.00	21.98	22.50	0.0
		1	137	21.92	21.89	21.87	22.50	0.0
		1	271	21.95	21.98	21.97	22.50	0.0
		135	0	20.91	21.00	20.99	21.50	1.0
		135	69	21.86	21.90	21.82	22.50	0.0
		135	138	20.91	20.98	20.82	21.50	1.0
		270	0	21.00	20.81	20.80	21.50	1.0
	16-QAM	1	1	20.82	20.85	20.98	21.50	1.0
	64QAM	1	1	19.38	19.37	19.42	20.00	2.5
	256-QAM	1	1	17.31	17.31	17.46	18.00	4.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	Pi/2 BPSK	1	1	21.99	21.95	21.98	22.50	0.0

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	21.97	21.84	21.98	22.50	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	21.85	21.91	21.92	22.50	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	21.90	21.80	21.86	22.50	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	21.87	21.88	21.82	22.50	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	Pi/2 BPSK	1	1	21.88	21.88	21.86	22.50	0.0

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	21.96	21.80	21.82	22.50	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	22.00	21.85	21.94	22.50	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	21.93	21.87	21.88	22.50	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	21.97	21.93	21.87	22.50	0.0

5G NR n41_PC2_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	21.97	21.81	21.81	22.50	0.0

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5G NR n41_PC2_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	21.93	21.83	21.89	22.50	0.0

5G NR n41_PC2_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	21.98	21.93	21.82	22.50	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)				3600	3625.02	3649.98		
Channel				640000	641668	643332		
100	Pi/2 BPSK	1	1	19.49	19.59	19.85	20.00	0.0
		1	137	19.77	19.61	19.72	20.00	0.0
		1	271	19.63	19.61	19.80	20.00	0.0
		135	0	19.20	19.24	19.24	19.50	0.5
		135	69	19.63	19.79	19.64	20.00	0.0
		135	138	19.18	19.23	19.21	19.50	0.5
		270	0	19.15	19.17	19.16	19.50	0.5
	QPSK	1	1	19.65	19.76	19.74	20.00	0.0
		1	137	19.62	19.69	19.78	20.00	0.0
		1	271	19.76	19.76	19.65	20.00	0.0
		135	0	18.73	18.65	18.77	19.00	1.0
		135	69	19.62	19.74	19.60	20.00	0.0
		135	138	18.65	18.73	18.68	19.00	1.0
		270	0	18.71	18.75	18.62	19.00	1.0
	16-QAM	1	1	18.66	18.66	18.75	19.00	1.0
	64QAM	1	1	17.18	17.17	17.27	17.50	2.5
	256-QAM	1	1	15.28	15.13	15.19	15.50	4.5

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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)				3595.02	3625.02	3654.99		
Channel				639668	641668	643666		
90	Pi/2 BPSK	1	1	19.72	19.73	19.79	20.00	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)				3590.01	3625.02	3660		
Channel				639334	641668	644000		
80	Pi/2 BPSK	1	1	19.69	19.77	19.61	20.00	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)				3585	3625.02	3664.98		
Channel				639000	641668	644332		
70	Pi/2 BPSK	1	1	19.61	19.71	19.76	20.00	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)				3580.02	3625.02	3669.99		
Channel				638668	641668	644666		
60	Pi/2 BPSK	1	1	19.78	19.68	19.70	20.00	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)				3575.01	3625.02	3675		
Channel				638334	641668	645000		
50	Pi/2 BPSK	1	1	19.78	19.74	19.63	20.00	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)				3570	3625.02	3679.98		
Channel				638000	641668	645332		
40	Pi/2 BPSK	1	1	19.78	19.66	19.77	20.00	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)				3565.02	3625.02	3684.99		
Channel				637668	641668	645666		
30	Pi/2 BPSK	1	1	19.73	19.68	19.64	20.00	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)				3560.01	3625.02	3690		
Channel				637334	641668	646000		
20	Pi/2 BPSK	1	1	19.72	19.65	19.71	20.00	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)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	19.72	19.68	19.69	20.00	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	19.78	19.75	19.74	20.00	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		
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	22.46	22.49	22.41	22.38	22.43	23.00	0.0
		1	137	22.33	22.42	22.39	22.41	22.37	23.00	0.0
		1	271	22.27	22.38	22.26	22.26	22.29	23.00	0.0
		135	0	22.36	22.34	22.34	22.34	22.43	22.50	0.5
		135	69	22.34	22.27	22.26	22.21	22.41	23.00	0.0
		135	138	22.22	22.14	22.05	22.08	22.25	22.50	0.5
		270	0	22.10	22.06	21.89	21.88	22.06	22.50	0.5
	QPSK	1	1	22.25	22.25	22.38	22.41	22.34	23.00	0.0
		1	137	22.28	22.27	22.34	22.29	22.30	23.00	0.0
		1	271	22.10	22.20	22.23	22.13	22.09	23.00	0.0
		135	0	21.92	21.88	21.98	21.87	21.87	22.00	1.0
		135	69	21.71	21.79	21.77	21.77	21.81	23.00	0.0
		135	138	21.66	21.74	21.59	21.57	21.67	22.00	1.0
		270	0	21.58	21.56	21.54	21.45	21.64	22.00	1.0
	16-QAM	1	1	21.54	21.53	21.44	21.38	21.46	22.00	1.0
	64QAM	1	1	20.33	20.35	20.31	20.39	20.39	20.50	2.5
	256-QAM	1	1	18.31	18.46	18.30	18.28	18.30	18.50	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)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	22.33	22.41	22.40	22.30	22.37	23.00	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)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	22.35	22.37	22.35	22.39	22.36	23.00	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)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	22.37	22.32	22.26	22.40	22.35	23.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	22.24	22.36	22.41	22.44	22.38	23.00	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)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	22.26	22.27	22.28	22.32	22.36	23.00	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)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	22.43	22.30	22.34	22.42	22.43	23.00	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				
Channel						656000				
15	Pi/2 BPSK	1	1			22.26			23.00	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				
Channel						656000				
10	Pi/2 BPSK	1	1			22.40			23.00	0.0

5G NR n77_PC2_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		
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	22.70	22.72	22.66	22.61	22.59	23.00	0.0
		1	137	22.25	22.35	22.39	22.36	22.34	23.00	0.0
		1	271	22.18	22.22	22.25	22.25	22.27	23.00	0.0
		135	0	22.45	22.44	22.39	22.33	22.46	22.50	0.5
		135	69	22.33	22.29	22.28	22.29	22.28	23.00	0.0
		135	138	22.28	22.12	22.12	22.26	22.12	22.50	0.5
		270	0	22.13	22.07	21.98	22.16	21.96	22.50	0.5
	QPSK	1	1	22.33	22.25	22.42	22.25	22.31	23.00	0.0
		1	137	22.13	22.14	22.28	22.21	22.17	23.00	0.0
		1	271	22.01	22.18	22.03	22.07	22.15	23.00	0.0
		135	0	21.94	21.88	21.87	21.97	21.80	22.00	1.0
		135	69	21.87	21.79	21.66	21.80	21.74	23.00	0.0
		135	138	21.74	21.66	21.59	21.66	21.65	22.00	1.0
		270	0	21.71	21.60	21.45	21.51	21.54	22.00	1.0
	16-QAM	1	1	21.68	21.44	21.31	21.46	21.39	22.00	1.0
	64QAM	1	1	20.46	20.38	20.34	20.43	20.34	20.50	2.5
	256-QAM	1	1	18.44	18.31	18.35	18.39	18.29	18.50	4.5

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5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	22.25	22.30	22.26	22.43	22.42	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	22.28	22.26	22.33	22.38	22.29	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	22.38	22.34	22.30	22.42	22.36	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	22.28	22.36	22.28	22.36	22.39	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	22.34	22.38	22.41	22.31	22.26	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	22.29	22.35	22.35	22.33	22.32	23.00	0.0

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5G NR n77_PC2_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				
Channel						656000				
15	Pi/2 BPSK	1	1			22.41			23.00	0.0

5G NR n77_PC2_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				
Channel						656000				
10	Pi/2 BPSK	1	1			22.39			23.00	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)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		22.58		23.00	0.0
		1	137		22.52		23.00	0.0
		1	271		22.31		23.00	0.0
		135	0		22.34		22.50	0.5
		135	69		22.19		23.00	0.0
		135	138		22.04		22.50	0.5
		270	0		21.98		22.50	0.5
	QPSK	1	1		22.39		23.00	0.0
		1	137		22.31		23.00	0.0
		1	271		22.29		23.00	0.0
		135	0		21.95		22.00	1.0
		135	69		21.78		23.00	0.0
		135	138		21.67		22.00	1.0
		270	0		21.50		22.00	1.0
	16-QAM	1	1		21.31		22.00	1.0
	64QAM	1	1		20.44		20.50	2.5
	256-QAM	1	1		18.37		18.50	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)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	Pi/2 BPSK	1	1	22.43	22.47	22.52	23.00	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)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	Pi/2 BPSK	1	1	22.49	22.37	22.46	23.00	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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	22.44	22.39	22.44	23.00	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)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	Pi/2 BPSK	1	1	22.51	22.46	22.40	23.00	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)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	Pi/2 BPSK	1	1	22.47	22.36	22.41	23.00	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)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	22.51	22.45	22.53	23.00	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)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	Pi/2 BPSK	1	1	22.50	22.53	22.42	23.00	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	22.40	22.55	22.37	23.00	0.0

5G NR n77 & n78_PC2_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			
100	Pi/2 BPSK	1	1		22.78		23.00	0.0
		1	137		22.49		23.00	0.0
		1	271		22.41		23.00	0.0
		135	0		22.36		22.50	0.5
		135	69		22.20		23.00	0.0
		135	138		22.11		22.50	0.5
		270	0		21.90		22.50	0.5
	QPSK	1	1		22.41		23.00	0.0
		1	137		22.45		23.00	0.0
		1	271		22.32		23.00	0.0
		135	0		21.96		22.00	1.0
		135	69		21.78		23.00	0.0
		135	138		21.70		22.00	1.0
		270	0		21.53		22.00	1.0
	16-QAM	1	1		21.37		22.00	1.0
	64QAM	1	1		20.42		20.50	2.5
	256-QAM	1	1		18.38		18.50	4.5

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5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	Pi/2 BPSK	1	1	22.45	22.51	22.38	23.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	Pi/2 BPSK	1	1	22.40	22.55	22.36	23.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	22.49	22.53	22.47	23.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	Pi/2 BPSK	1	1	22.47	22.55	22.39	23.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	Pi/2 BPSK	1	1	22.55	22.43	22.41	23.00	0.0

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5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	22.56	22.42	22.44	23.00	0.0

5G NR n77 & n78_PC2_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	22.40	22.43	22.51	23.00	0.0

5G NR n77 & n78_PC2_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	22.38	22.53	22.51	23.00	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			
100	Pi/2 BPSK	1	1		22.61		23.00	0.0
		1	137		22.39		23.00	0.0
		1	271		22.33		23.00	0.0
		135	0		22.42		22.50	0.5
		135	69		22.40		23.00	0.0
		135	138		22.24		22.50	0.5
		270	0		22.08		22.50	0.5
	QPSK	1	1		22.52		23.00	0.0
		1	137		22.37		23.00	0.0
		1	271		22.16		23.00	0.0
		135	0		21.86		22.00	1.0
		135	69		21.81		23.00	0.0
		135	138		21.77		22.00	1.0
		270	0		21.68		22.00	1.0
	16-QAM	1	1		21.58		22.00	1.0
	64QAM	1	1		20.37		20.50	2.5
	256-QAM	1	1		18.35		18.50	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)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	Pi/2 BPSK	1	1	22.40	22.54	22.50	23.00	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)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	22.57	22.52	22.42	23.00	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)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	Pi/2 BPSK	1	1	22.44	22.55	22.41	23.00	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)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	22.42	22.41	22.39	23.00	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)				3720	3750	3780		
Channel				648000	645000	652000		
40	Pi/2 BPSK	1	1	22.58	22.42	22.39	23.00	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)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	Pi/2 BPSK	1	1	22.44	22.56	22.56	23.00	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)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	22.43	22.59	22.44	23.00	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)				3705	3750	3795		
Channel				647000	645000	653000		
10	Pi/2 BPSK	1	1	22.58	22.56	22.52	23.00	0.0

5G NR n78_PC2_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					650000			
100	Pi/2 BPSK	1	1		22.98		23.00	0.0
		1	137		22.78		23.00	0.0
		1	271		22.60		23.00	0.0
		135	0		22.34		22.50	0.5
		135	69		22.25		23.00	0.0
		135	138		22.09		22.50	0.5
		270	0		22.02		22.50	0.5
	QPSK	1	1		22.80		23.00	0.0
		1	137		22.59		23.00	0.0
		1	271		22.39		23.00	0.0
		135	0		21.97		22.00	1.0
		135	69		21.89		23.00	0.0
		135	138		21.76		22.00	1.0
		270	0		21.71		22.00	1.0
	16-QAM	1	1		21.55		22.00	1.0
	64QAM	1	1		20.28		20.50	2.5
	256-QAM	1	1		18.33		18.50	4.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	Pi/2 BPSK	1	1	22.76	22.85	22.78	23.00	0.0

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5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	22.86	22.86	22.85	23.00	0.0

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	Pi/2 BPSK	1	1	22.78	22.78	22.81	23.00	0.0

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	22.89	22.92	22.85	23.00	0.0

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	22.89	22.91	22.93	23.00	0.0

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	22.96	22.86	22.87	23.00	0.0

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5G NR n78_PC2_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	22.82	22.90	22.96	23.00	0.0

5G NR n78_PC2_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	650000	653000		
10	Pi/2 BPSK	1	1	22.89	22.79	22.96	23.00	0.0

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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)				2590.02	2595	2599.98		
Channel				518004	519000	519996		
40	Pi/2 BPSK	1	1	23.62	23.63	23.57	24.00	0.0
		1	53	23.48	23.40	23.35	24.00	0.0
		1	104	23.34	23.50	23.31	24.00	0.0
		50	0	22.80	22.92	22.94	23.50	0.5
		50	28	23.50	23.39	23.48	24.00	0.0
		50	56	22.93	22.99	22.85	23.50	0.5
		100	0	22.94	22.99	22.81	23.50	0.5
	QPSK	1	1	23.32	23.37	23.49	24.00	0.0
		1	53	23.37	23.32	23.42	24.00	0.0
		1	104	23.30	23.42	23.42	24.00	0.0
		50	0	22.32	22.40	22.40	23.00	1.0
		50	28	23.34	23.49	23.49	24.00	0.0
		50	56	22.49	22.39	22.44	23.00	1.0
		100	0	22.42	22.36	22.40	23.00	1.0
	16-QAM	1	1	22.39	22.45	22.47	23.00	1.0
	64QAM	1	1	20.93	20.99	20.94	21.50	2.5
	256-QAM	1	1	18.99	18.97	18.90	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)				2585.01	2595	2604.99		
Channel				517002	519000	520998		
30	Pi/2 BPSK	1	1	23.48	23.33	23.35	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)				2582.52	2595	2607.48		
Channel				516504	519000	521496		
25	Pi/2 BPSK	1	1	23.41	23.45	23.47	24.00	0.0

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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	23.30	23.30	23.39	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)				2577.51	2595	2612.49		
Channel				515502	519000	522498		
15	Pi/2 BPSK	1	1	23.43	23.45	23.35	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	23.46	23.42	23.45	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)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	23.41	23.33	23.15	24.00	0.0
		1	137	23.38	23.23	23.30	24.00	0.0
		1	271	23.32	23.20	23.10	24.00	0.0
		135	0	23.33	23.40	23.30	23.50	0.5
		135	69	23.20	23.23	23.19	24.00	0.0
		135	138	23.05	23.11	22.99	23.50	0.5
		270	0	22.92	23.00	22.89	23.50	0.5
	QPSK	1	1	23.37	23.30	23.31	24.00	0.0
		1	137	23.26	23.17	23.22	24.00	0.0
		1	271	23.25	23.14	22.92	24.00	0.0
		135	0	22.91	22.92	22.81	23.00	1.0
		135	69	22.84	22.84	22.74	24.00	0.0
		135	138	22.67	22.76	22.55	23.00	1.0
		270	0	22.63	22.67	22.48	23.00	1.0
	16-QAM	1	1	22.53	22.51	22.36	23.00	1.0
	64QAM	1	1	21.45	21.29	21.39	21.50	2.5
	256-QAM	1	1	19.46	19.34	19.45	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)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	Pi/2 BPSK	1	1	23.35	23.34	23.20	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)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	23.39	23.22	23.33	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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	23.34	23.37	23.36	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)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	23.28	23.22	23.37	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)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	23.21	23.23	23.39	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)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	Pi/2 BPSK	1	1	23.21	23.20	23.31	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)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	23.36	23.31	23.21	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)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	23.31	23.28	23.20	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)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	23.38	23.24	23.32	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)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	23.33	23.22	23.31	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)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	23.38	23.26	23.28	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)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.25	23.24	23.20	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)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.36	23.32	23.25	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	23.99	23.95	23.72	24.00	0.0
		1	137	23.94	23.94	23.89	24.00	0.0
		1	271	23.78	23.85	23.82	24.00	0.0
		135	0	23.37	23.39	23.36	23.50	0.5
		135	69	23.94	23.83	23.87	24.00	0.0
		135	138	23.39	23.44	23.43	23.50	0.5
		270	0	23.46	23.46	23.38	23.50	0.5
	QPSK	1	1	23.82	23.79	23.78	24.00	0.0
		1	137	23.92	23.85	23.91	24.00	0.0
		1	271	23.87	23.96	23.96	24.00	0.0
		135	0	22.77	22.79	22.85	23.00	1.0
		135	69	23.95	23.79	23.77	24.00	0.0
		135	138	22.86	22.92	22.84	23.00	1.0
		270	0	22.79	22.88	22.82	23.00	1.0
	16-QAM	1	1	22.86	22.93	22.89	23.00	1.0
	64QAM	1	1	21.39	21.27	21.43	21.50	2.5
	256-QAM	1	1	19.36	19.35	19.28	19.50	4.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	Pi/2 BPSK	1	1	23.91	23.95	23.92	24.00	0.0

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	23.76	23.79	23.80	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	23.93	23.94	23.79	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	23.93	23.78	23.88	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	23.81	23.87	23.83	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	Pi/2 BPSK	1	1	23.88	23.81	23.86	24.00	0.0

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	23.92	23.77	23.89	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	23.94	23.88	23.82	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	23.94	23.91	23.81	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	23.92	23.84	23.82	24.00	0.0

5G NR n41_PC2_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	23.95	23.81	23.92	24.00	0.0

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5G NR n41_PC2_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	23.91	23.81	23.82	24.00	0.0

5G NR n41_PC2_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	23.88	23.79	23.79	24.00	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)				3600	3625.02	3649.98		
Channel				640000	641668	643332		
100	Pi/2 BPSK	1	1	21.56	21.55	21.67	22.00	0.0
		1	137	21.47	21.56	21.63	22.00	0.0
		1	271	21.56	21.48	21.58	22.00	0.0
		135	0	21.12	21.04	21.05	21.50	0.5
		135	69	21.53	21.50	21.65	22.00	0.0
		135	138	20.96	20.96	21.00	21.50	0.5
		270	0	21.01	21.03	21.05	21.50	0.5
	QPSK	1	1	21.59	21.52	21.51	22.00	0.0
		1	137	21.57	21.47	21.65	22.00	0.0
		1	271	21.47	21.56	21.57	22.00	0.0
		135	0	20.65	20.60	20.62	21.00	1.0
		135	69	21.50	21.59	21.47	22.00	0.0
		135	138	20.52	20.65	20.49	21.00	1.0
		270	0	20.63	20.65	20.63	21.00	1.0
	16-QAM	1	1	20.55	20.65	20.62	21.00	1.0
	64QAM	1	1	19.11	19.05	19.12	19.50	2.5
	256-QAM	1	1	17.12	17.13	17.00	17.50	4.5

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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)				3595.02	3625.02	3654.99		
Channel				639668	641668	643666		
90	Pi/2 BPSK	1	1	21.62	21.52	21.64	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)				3590.01	3625.02	3660		
Channel				639334	641668	644000		
80	Pi/2 BPSK	1	1	21.56	21.64	21.54	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)				3585	3625.02	3664.98		
Channel				639000	641668	644332		
70	Pi/2 BPSK	1	1	21.61	21.52	21.52	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)				3580.02	3625.02	3669.99		
Channel				638668	641668	644666		
60	Pi/2 BPSK	1	1	21.63	21.58	21.55	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)				3575.01	3625.02	3675		
Channel				638334	641668	645000		
50	Pi/2 BPSK	1	1	21.61	21.56	21.57	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)				3570	3625.02	3679.98		
Channel				638000	641668	645332		
40	Pi/2 BPSK	1	1	21.47	21.62	21.58	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)				3565.02	3625.02	3684.99		
Channel				637668	641668	645666		
30	Pi/2 BPSK	1	1	21.51	21.47	21.56	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)				3560.01	3625.02	3690		
Channel				637334	641668	646000		
20	Pi/2 BPSK	1	1	21.54	21.47	21.60	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)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	21.64	21.53	21.60	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	21.49	21.62	21.55	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		
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	22.98	22.95	22.97	22.94	22.96	23.00	0.0
		1	137	22.82	22.84	22.82	22.85	22.94	23.00	0.0
		1	271	22.69	22.67	22.64	22.64	22.75	23.00	0.0
		135	0	22.35	22.30	22.47	22.43	22.46	22.50	0.5
		135	69	22.38	22.47	22.37	22.48	22.43	23.00	0.0
		135	138	22.34	22.32	22.22	22.31	22.24	22.50	0.5
		270	0	22.31	22.17	22.08	22.26	22.11	22.50	0.5
	QPSK	1	1	22.77	22.76	22.77	22.90	22.76	23.00	0.0
		1	137	22.65	22.74	22.64	22.65	22.87	23.00	0.0
		1	271	22.57	22.57	22.53	22.55	22.70	23.00	0.0
		135	0	21.80	21.84	21.79	21.93	21.82	22.00	1.0
		135	69	21.74	21.80	21.60	21.74	21.69	23.00	0.0
		135	138	21.61	21.71	21.44	21.68	21.60	22.00	1.0
		270	0	21.53	21.60	21.40	21.54	21.50	22.00	1.0
	16-QAM	1	1	21.39	21.49	21.20	21.40	21.43	22.00	1.0
	64QAM	1	1	20.42	20.39	20.30	20.28	20.42	20.50	2.5
	256-QAM	1	1	18.30	18.48	18.28	18.28	18.43	18.50	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)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	22.81	22.77	22.86	22.79	22.85	23.00	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)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	22.87	22.83	22.83	22.96	22.87	23.00	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)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	22.84	22.77	22.90	22.79	22.78	23.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	22.84	22.91	22.88	22.92	22.93	23.00	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)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	22.88	22.84	22.85	22.85	22.88	23.00	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)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	22.81	22.92	22.94	22.90	22.92	23.00	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				
Channel						656000				
15	Pi/2 BPSK	1	1			22.84			23.00	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				
Channel						656000				
10	Pi/2 BPSK	1	1			22.95			23.00	0.0

5G NR n77_PC2_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		
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	22.89	22.78	22.75	22.76	22.74	23.00	0.0
		1	137	22.79	22.81	22.79	22.75	22.83	23.00	0.0
		1	271	22.64	22.61	22.70	22.63	22.66	23.00	0.0
		135	0	22.47	22.36	22.46	22.44	22.43	22.50	0.5
		135	69	22.40	22.40	22.47	22.37	22.43	23.00	0.0
		135	138	22.20	22.26	22.26	22.34	22.25	22.50	0.5
		270	0	22.13	22.23	22.14	22.17	22.23	22.50	0.5
	QPSK	1	1	22.83	22.85	22.75	22.78	22.78	23.00	0.0
		1	137	22.68	22.78	22.72	22.73	22.70	23.00	0.0
		1	271	22.59	22.58	22.56	22.51	22.46	23.00	0.0
		135	0	21.94	21.83	21.93	21.83	21.95	22.00	1.0
		135	69	21.91	21.63	21.89	21.71	21.80	23.00	0.0
		135	138	21.80	21.45	21.82	21.60	21.64	22.00	1.0
		270	0	21.76	21.36	21.64	21.56	21.45	22.00	1.0
	16-QAM	1	1	21.64	21.30	21.52	21.37	21.40	22.00	1.0
	64QAM	1	1	20.47	20.42	20.33	20.36	20.33	20.50	2.5
	256-QAM	1	1	18.30	18.28	18.28	18.48	18.29	18.50	4.5

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5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	22.84	22.74	22.70	22.71	22.81	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	22.67	22.85	22.72	22.68	22.86	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	22.75	22.80	22.78	22.76	22.84	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	22.73	22.71	22.71	22.86	22.73	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	22.77	22.81	22.73	22.86	22.73	23.00	0.0

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	22.78	22.70	22.73	22.75	22.70	23.00	0.0

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5G NR n77_PC2_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				
Channel						656000				
15	Pi/2 BPSK	1	1			22.77			23.00	0.0

5G NR n77_PC2_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				
Channel						656000				
10	Pi/2 BPSK	1	1			22.71			23.00	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)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		22.68		23.00	0.0
		1	137		22.50		23.00	0.0
		1	271		22.38		23.00	0.0
		135	0		22.47		22.50	0.5
		135	69		22.54		23.00	0.0
		135	138		22.35		22.50	0.5
		270	0		22.26		22.50	0.5
	QPSK	1	1		22.52		23.00	0.0
		1	137		22.40		23.00	0.0
		1	271		22.21		23.00	0.0
		135	0		21.95		22.00	1.0
		135	69		21.84		23.00	0.0
		135	138		21.67		22.00	1.0
		270	0		21.63		22.00	1.0
	16-QAM	1	1		21.50		22.00	1.0
	64QAM	1	1		20.40		20.50	2.5
	256-QAM	1	1		18.45		18.50	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)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	Pi/2 BPSK	1	1	22.66	22.65	22.58	23.00	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)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	Pi/2 BPSK	1	1	22.56	22.53	22.57	23.00	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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	22.52	22.52	22.54	23.00	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)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	Pi/2 BPSK	1	1	22.50	22.56	22.62	23.00	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)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	Pi/2 BPSK	1	1	22.60	22.48	22.61	23.00	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)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	22.52	22.54	22.52	23.00	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)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	Pi/2 BPSK	1	1	22.53	22.48	22.62	23.00	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	22.59	22.61	22.61	23.00	0.0

5G NR n77 & n78_PC2_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			
100	Pi/2 BPSK	1	1		22.98		23.00	0.0
		1	137		22.81		23.00	0.0
		1	271		22.65		23.00	0.0
		135	0		22.46		22.50	0.5
		135	69		22.81		23.00	0.0
		135	138		22.45		22.50	0.5
		270	0		22.37		22.50	0.5
	QPSK	1	1		22.91		23.00	0.0
		1	137		22.74		23.00	0.0
		1	271		22.61		23.00	0.0
		135	0		21.79		22.00	1.0
		135	69		21.71		23.00	0.0
		135	138		21.62		22.00	1.0
		270	0		21.51		22.00	1.0
	16-QAM	1	1		21.34		22.00	1.0
	64QAM	1	1		20.47		20.50	2.5
	256-QAM	1	1		18.30		18.50	4.5

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5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	Pi/2 BPSK	1	1	22.87	22.85	22.88	23.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	Pi/2 BPSK	1	1	22.88	22.80	22.82	23.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	22.89	22.89	22.79	23.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	Pi/2 BPSK	1	1	22.77	22.86	22.87	23.00	0.0

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	Pi/2 BPSK	1	1	22.87	22.81	22.88	23.00	0.0

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5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	22.77	22.85	22.95	23.00	0.0

5G NR n77 & n78_PC2_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	22.82	22.94	22.92	23.00	0.0

5G NR n77 & n78_PC2_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	22.94	22.80	22.95	23.00	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			
100	Pi/2 BPSK	1	1		22.63		23.00	0.0
		1	137		22.49		23.00	0.0
		1	271		22.43		23.00	0.0
		135	0		22.38		22.50	0.5
		135	69		22.46		23.00	0.0
		135	138		22.30		22.50	0.5
		270	0		22.19		22.50	0.5
	QPSK	1	1		22.56		23.00	0.0
		1	137		22.40		23.00	0.0
		1	271		22.37		23.00	0.0
		135	0		21.98		22.00	1.0
		135	69		21.81		23.00	0.0
		135	138		21.75		22.00	1.0
		270	0		21.70		22.00	1.0
	16-QAM	1	1		21.59		22.00	1.0
	64QAM	1	1		20.37		20.50	2.5
	256-QAM	1	1		18.32		18.50	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)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	Pi/2 BPSK	1	1	22.60	22.56	22.48	23.00	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)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	22.48	22.48	22.41	23.00	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)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	Pi/2 BPSK	1	1	22.54	22.50	22.41	23.00	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)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	22.49	22.56	22.59	23.00	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)				3720	3750	3780		
Channel				648000	645000	652000		
40	Pi/2 BPSK	1	1	22.47	22.46	22.57	23.00	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)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	Pi/2 BPSK	1	1	22.50	22.56	22.52	23.00	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)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	22.42	22.52	22.44	23.00	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)				3705	3750	3795		
Channel				647000	645000	653000		
10	Pi/2 BPSK	1	1	22.58	22.60	22.59	23.00	0.0

5G NR n78_PC2_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					650000			
100	Pi/2 BPSK	1	1		22.56		23.00	0.0
		1	137		22.46		23.00	0.0
		1	271		22.31		23.00	0.0
		135	0		22.41		22.50	0.5
		135	69		22.48		23.00	0.0
		135	138		22.39		22.50	0.5
		270	0		22.17		22.50	0.5
	QPSK	1	1		22.50		23.00	0.0
		1	137		22.41		23.00	0.0
		1	271		22.16		23.00	0.0
		135	0		21.83		22.00	1.0
		135	69		21.64		23.00	0.0
		135	138		21.52		22.00	1.0
		270	0		21.50		22.00	1.0
	16-QAM	1	1		21.30		22.00	1.0
	64QAM	1	1		20.48		20.50	2.5
	256-QAM	1	1		18.34		18.50	4.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	Pi/2 BPSK	1	1	22.36	22.47	22.38	23.00	0.0

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5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	22.48	22.40	22.45	23.00	0.0

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	Pi/2 BPSK	1	1	22.38	22.52	22.40	23.00	0.0

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	22.43	22.43	22.46	23.00	0.0

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	22.44	22.35	22.39	23.00	0.0

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	22.46	22.36	22.53	23.00	0.0

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5G NR n78_PC2_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	22.37	22.37	22.52	23.00	0.0

5G NR n78_PC2_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	650000	653000		
10	Pi/2 BPSK	1	1	22.40	22.38	22.36	23.00	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)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	CP-OFDM QPSK	1	1	17.63	17.61	17.45	18.00	1.5
		1	137	17.37	17.34	17.38	18.00	1.5
		1	271	17.34	17.30	17.42	18.00	1.5
		135	0	15.97	15.82	15.85	16.50	3.0
		135	69	17.36	17.36	17.36	18.00	1.5
		135	138	15.97	15.83	15.99	16.50	3.0
		270	0	15.87	15.85	15.90	16.50	3.0
	16-QAM	1	1	16.94	16.96	16.81	17.50	2.0
	64QAM	1	1	15.45	15.43	15.40	16.00	3.5
	256-QAM	1	1	12.43	12.32	12.47	13.00	6.5

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)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	CP-OFDM QPSK	1	1	17.43	17.47	17.31	18.00	1.5

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)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	CP-OFDM QPSK	1	1	17.31	17.34	17.46	18.00	1.5

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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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	CP-OFDM QPSK	1	1	17.45	17.42	17.50	18.00	1.5

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)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	CP-OFDM QPSK	1	1	17.35	17.32	17.48	18.00	1.5

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)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	CP-OFDM QPSK	1	1	17.48	17.33	17.38	18.00	1.5

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)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	CP-OFDM QPSK	1	1	17.40	17.37	17.42	18.00	1.5

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)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	CP-OFDM QPSK	1	1	17.47	17.46	17.33	18.00	1.5

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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)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	CP-OFDM QPSK	1	1	17.49	17.47	17.42	18.00	1.5

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)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	CP-OFDM QPSK	1	1	17.44	17.34	17.40	18.00	1.5

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)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	CP-OFDM QPSK	1	1	17.43	17.40	17.36	18.00	1.5

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)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	CP-OFDM QPSK	1	1	17.45	17.34	17.38	18.00	1.5

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	CP-OFDM QPSK	1	1	17.44	17.42	17.37	18.00	1.5

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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)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	17.44	17.31	17.38	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	CP-OFDM QPSK	1	1	17.61	17.58	17.43	18.00	1.5
		1	137	17.30	17.46	17.45	18.00	1.5
		1	271	17.31	17.41	17.46	18.00	1.5
		135	0	15.95	15.82	15.80	16.50	3.0
		135	69	17.44	17.30	17.32	18.00	1.5
		135	138	15.96	15.94	15.91	16.50	3.0
		270	0	15.83	15.95	15.82	16.50	3.0
	16-QAM	1	1	16.94	16.93	16.85	17.50	2.0
	64QAM	1	1	15.35	15.45	15.49	16.00	3.5
	256-QAM	1	1	12.31	12.40	12.43	13.00	6.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	CP-OFDM QPSK	1	1	17.41	17.37	17.46	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	CP-OFDM QPSK	1	1	17.46	17.48	17.31	18.00	1.5

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	CP-OFDM QPSK	1	1	17.50	17.44	17.47	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	CP-OFDM QPSK	1	1	17.45	17.32	17.45	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	CP-OFDM QPSK	1	1	17.34	17.30	17.32	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	CP-OFDM QPSK	1	1	17.33	17.37	17.42	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	CP-OFDM QPSK	1	1	17.37	17.35	17.35	18.00	1.5

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	CP-OFDM QPSK	1	1	17.44	17.41	17.40	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	CP-OFDM QPSK	1	1	17.49	17.39	17.32	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	CP-OFDM QPSK	1	1	17.48	17.30	17.36	18.00	1.5

5G NR n41_PC2_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	CP-OFDM QPSK	1	1	17.48	17.44	17.34	18.00	1.5

5G NR n41_PC2_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	CP-OFDM QPSK	1	1	17.49	17.48	17.32	18.00	1.5

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5G NR n41_PC2_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	CP-OFDM QPSK	1	1	17.42	17.36	17.37	18.00	1.5

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)				3750	3795	3840	3885	3930		
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	1	19.03	19.01	18.90	18.85	18.92	19.50	1.5
		1	137	18.94	18.90	18.92	18.91	18.87	19.50	1.5
		1	271	18.83	18.84	18.93	18.86	18.92	19.50	1.5
		135	0	17.35	17.45	17.48	17.42	17.42	18.00	3.0
		135	69	18.88	18.86	18.99	18.82	18.89	19.50	1.5
		135	138	17.38	17.49	17.34	17.40	17.48	18.00	3.0
		270	0	17.39	17.31	17.41	17.42	17.34	18.00	3.0
	16-QAM	1	1	18.37	18.37	18.43	18.33	18.45	19.00	2.0
	64QAM	1	1	16.99	16.98	16.86	16.96	16.94	17.50	3.5
	256-QAM	1	1	14.00	13.89	13.82	13.84	13.96	14.50	6.5

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)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	18.88	19.00	18.84	18.87	18.87	19.50	1.5

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)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	18.95	18.91	18.95	18.96	18.91	19.50	1.5

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)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	18.98	18.88	18.90	18.98	18.90	19.50	1.5

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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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	18.83	18.83	18.84	18.93	18.83	19.50	1.5

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)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	18.90	18.83	18.86	18.94	18.92	19.50	1.5

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)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	18.91	18.90	18.96	18.91	18.94	19.50	1.5

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				
Channel						656000				
15	CP-OFDM QPSK	1	1			18.99			19.50	1.5

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				
Channel						656000				
10	CP-OFDM QPSK	1	1			18.91			19.50	1.5

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5G NR n77_PC2_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		
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	1	21.86	21.90	21.82	21.70	21.81	22.00	1.5
		1	137	20.60	20.71	20.72	20.71	20.79	22.00	1.5
		1	271	20.74	20.63	20.62	20.70	20.64	22.00	1.5
		135	0	19.19	19.10	19.28	19.13	19.28	20.50	3.0
		135	69	20.62	20.75	20.76	20.69	20.72	22.00	1.5
		135	138	19.27	19.12	19.19	19.10	19.15	20.50	3.0
		270	0	19.13	19.27	19.14	19.19	19.18	20.50	3.0
	16-QAM	1	1	20.14	20.26	20.18	20.16	20.28	21.50	2.0
	64QAM	1	1	18.77	18.79	18.70	18.78	18.76	20.00	3.5
	256-QAM	1	1	15.61	15.78	15.74	15.65	15.77	17.00	6.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	20.66	20.69	20.78	20.76	20.66	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	20.74	20.77	20.63	20.78	20.72	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	20.72	20.70	20.66	20.76	20.79	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	20.63	20.65	20.78	20.73	20.72	22.00	1.5

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5G NR n77_PC2_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	20.64	20.76	20.74	20.79	20.76	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	20.68	20.66	20.69	20.70	20.75	22.00	1.5

5G NR n77_PC2_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				
Channel						656000				
15	CP-OFDM QPSK	1	1			20.69			22.00	1.5

5G NR n77_PC2_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				
Channel						656000				
10	CP-OFDM QPSK	1	1			20.79			22.00	1.5

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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			
100	CP-OFDM QPSK	1	1		19.17		19.50	1.5
		1	137		18.82		19.50	1.5
		1	271		18.94		19.50	1.5
		135	0		17.49		18.00	3.0
		135	69		18.81		19.50	1.5
		135	138		17.34		18.00	3.0
		270	0		17.49		18.00	3.0
	16-QAM	1	1		18.48		19.00	2.0
	64QAM	1	1		16.91		17.50	3.5
	256-QAM	1	1		13.85		14.50	6.5

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)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	CP-OFDM QPSK	1	1	18.96	18.85	18.93	19.50	1.5

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)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	CP-OFDM QPSK	1	1	18.88	18.90	18.82	19.50	1.5

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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	CP-OFDM QPSK	1	1	18.82	18.94	18.84	19.50	1.5

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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)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	CP-OFDM QPSK	1	1	18.83	18.86	18.97	19.50	1.5

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)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	CP-OFDM QPSK	1	1	18.92	18.90	18.83	19.50	1.5

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)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	CP-OFDM QPSK	1	1	19.00	18.82	18.82	19.50	1.5

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	CP-OFDM QPSK	1	1	18.94	18.95	18.84	19.50	1.5

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)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	CP-OFDM QPSK	1	1	18.86	18.91	18.84	19.50	1.5

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5G NR n77 & n78_PC2_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			
100	CP-OFDM QPSK	1	1		21.92		22.00	1.5
		1	137		21.77		22.00	1.5
		1	271		21.78		22.00	1.5
		135	0		20.39		20.50	3.0
		135	69		21.81		22.00	1.5
		135	138		20.33		20.50	3.0
		270	0		20.37		20.50	3.0
	16-QAM	1	1		21.24		21.50	2.0
	64QAM	1	1		19.83		20.00	3.5
	256-QAM	1	1		16.75		17.00	6.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	CP-OFDM QPSK	1	1	21.79	21.82	21.75	22.00	1.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	CP-OFDM QPSK	1	1	21.83	21.86	21.77	22.00	1.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	CP-OFDM QPSK	1	1	21.72	21.81	21.74	22.00	1.5

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5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	CP-OFDM QPSK	1	1	21.88	21.89	21.73	22.00	1.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	CP-OFDM QPSK	1	1	21.76	21.81	21.75	22.00	1.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	CP-OFDM QPSK	1	1	21.87	21.88	21.82	22.00	1.5

5G NR n77 & n78_PC2_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	CP-OFDM QPSK	1	1	21.77	21.81	21.72	22.00	1.5

5G NR n77 & n78_PC2_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	CP-OFDM QPSK	1	1	21.86	21.90	21.77	22.00	1.5

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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			
100	CP-OFDM QPSK	1	1		19.08		19.50	1.5
		1	137		18.49		19.50	1.5
		1	271		18.46		19.50	1.5
		135	0		16.84		18.00	3.0
		135	69		18.45		19.50	1.5
		135	138		16.91		18.00	3.0
		270	0		16.99		18.00	3.0
	16-QAM	1	1		17.85		19.00	2.0
	64QAM	1	1		16.42		17.50	3.5
	256-QAM	1	1		13.31		14.50	6.5

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)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	CP-OFDM QPSK	1	1	18.45	18.45	18.32	19.50	1.5

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)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	18.31	18.48	18.35	19.50	1.5

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)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	CP-OFDM QPSK	1	1	18.43	18.35	18.36	19.50	1.5

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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)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	18.44	18.35	18.32	19.50	1.5

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)				3720	3750	3780		
Channel				648000	645000	652000		
40	CP-OFDM QPSK	1	1	18.46	18.37	18.39	19.50	1.5

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)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	CP-OFDM QPSK	1	1	18.41	18.49	18.31	19.50	1.5

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	CP-OFDM QPSK	1	1	18.41	18.48	18.48	19.50	1.5

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)				3705	3750	3795		
Channel				647000	645000	653000		
10	CP-OFDM QPSK	1	1	18.34	18.33	18.49	19.50	1.5

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5G NR n78_PC2_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					650000			
100	CP-OFDM QPSK	1	1		21.99		22.00	1.5
		1	137		21.87		22.00	1.5
		1	271		21.74		22.00	1.5
		135	0		20.36		20.50	3.0
		135	69		21.85		22.00	1.5
		135	138		20.35		20.50	3.0
		270	0		20.26		20.50	3.0
	16-QAM	1	1		21.22		21.50	2.0
	64QAM	1	1		19.76		20.00	3.5
	256-QAM	1	1		16.70		17.00	6.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	CP-OFDM QPSK	1	1	21.86	21.84	21.73	22.00	1.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	21.79	21.71	21.87	22.00	1.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	CP-OFDM QPSK	1	1	21.84	21.86	21.88	22.00	1.5

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5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	21.89	21.73	21.82	22.00	1.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	CP-OFDM QPSK	1	1	21.87	21.73	21.82	22.00	1.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	CP-OFDM QPSK	1	1	21.78	21.76	21.75	22.00	1.5

5G NR n78_PC2_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	CP-OFDM QPSK	1	1	21.72	21.81	21.74	22.00	1.5

5G NR n78_PC2_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	650000	653000		
10	CP-OFDM QPSK	1	1	21.74	21.89	21.88	22.00	1.5

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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)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	CP-OFDM QPSK	1	1	17.60	17.58	17.40	18.00	1.5
		1	137	17.48	17.36	17.34	18.00	1.5
		1	271	17.48	17.32	17.32	18.00	1.5
		135	0	15.86	15.89	15.95	16.50	3.0
		135	69	17.40	17.46	17.37	18.00	1.5
		135	138	15.91	15.87	15.91	16.50	3.0
		270	0	15.93	15.82	15.95	16.50	3.0
	16-QAM	1	1	16.81	16.99	16.91	17.50	2.0
	64QAM	1	1	15.42	15.49	15.41	16.00	3.5
	256-QAM	1	1	12.40	12.42	12.40	13.00	6.5

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)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	CP-OFDM QPSK	1	1	17.41	17.37	17.46	18.00	1.5

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)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	CP-OFDM QPSK	1	1	17.46	17.37	17.41	18.00	1.5

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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	CP-OFDM QPSK	1	1	17.50	17.35	17.46	18.00	1.5

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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)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	CP-OFDM QPSK	1	1	17.40	17.34	17.47	18.00	1.5

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)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	CP-OFDM QPSK	1	1	17.43	17.47	17.48	18.00	1.5

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)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	CP-OFDM QPSK	1	1	17.35	17.40	17.34	18.00	1.5

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)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	CP-OFDM QPSK	1	1	17.35	17.33	17.34	18.00	1.5

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)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	CP-OFDM QPSK	1	1	17.49	17.38	17.48	18.00	1.5

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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)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	CP-OFDM QPSK	1	1	17.42	17.41	17.34	18.00	1.5

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)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	CP-OFDM QPSK	1	1	17.38	17.33	17.37	18.00	1.5

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)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	CP-OFDM QPSK	1	1	17.44	17.42	17.32	18.00	1.5

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	CP-OFDM QPSK	1	1	17.48	17.47	17.32	18.00	1.5

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)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	17.45	17.53	17.39	18.00	1.5

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	CP-OFDM QPSK	1	1	17.90	17.87	17.68	18.00	1.5
		1	137	17.32	17.34	17.30	18.00	1.5
		1	271	17.50	17.39	17.46	18.00	1.5
		135	0	15.90	15.88	15.82	16.50	3.0
		135	69	17.50	17.37	17.35	18.00	1.5
		135	138	15.86	15.93	15.84	16.50	3.0
		270	0	15.92	15.82	15.85	16.50	3.0
	16-QAM	1	1	16.89	16.90	16.86	17.50	2.0
	64QAM	1	1	15.43	15.32	15.35	16.00	3.5
	256-QAM	1	1	12.50	12.40	12.46	13.00	6.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	CP-OFDM QPSK	1	1	17.43	17.36	17.46	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	CP-OFDM QPSK	1	1	17.33	17.38	17.42	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	CP-OFDM QPSK	1	1	17.44	17.37	17.44	18.00	1.5

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	CP-OFDM QPSK	1	1	17.33	17.40	17.33	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	CP-OFDM QPSK	1	1	17.31	17.36	17.35	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	CP-OFDM QPSK	1	1	17.43	17.35	17.34	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	CP-OFDM QPSK	1	1	17.51	17.45	17.49	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	CP-OFDM QPSK	1	1	17.48	17.46	17.47	18.00	1.5

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5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	CP-OFDM QPSK	1	1	17.44	17.32	17.39	18.00	1.5

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	CP-OFDM QPSK	1	1	17.49	17.45	17.39	18.00	1.5

5G NR n41_PC2_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	CP-OFDM QPSK	1	1	17.45	17.44	17.35	18.00	1.5

5G NR n41_PC2_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	CP-OFDM QPSK	1	1	17.50	17.36	17.47	18.00	1.5

5G NR n41_PC2_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	CP-OFDM QPSK	1	1	17.44	17.32	17.42	18.00	1.5

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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		
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	1	19.26	19.11	19.09	19.06	19.12	19.50	1.5
		1	137	18.36	18.48	18.46	18.36	18.43	19.50	1.5
		1	271	18.48	18.49	18.38	18.44	18.44	19.50	1.5
		135	0	16.92	16.99	17.00	16.96	16.85	18.00	3.0
		135	69	18.43	18.33	18.34	18.40	18.36	19.50	1.5
		135	138	16.82	16.96	16.87	16.83	16.95	18.00	3.0
		270	0	16.96	16.83	16.91	16.88	16.88	18.00	3.0
	16-QAM	1	1	17.88	17.82	17.92	17.92	17.85	19.00	2.0
	64QAM	1	1	16.47	16.44	16.41	16.39	16.50	17.50	3.5
	256-QAM	1	1	13.34	13.46	13.40	13.45	13.45	14.50	6.5

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)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	18.34	18.37	18.41	18.30	18.40	19.50	1.5

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)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	18.40	18.38	18.40	18.44	18.32	19.50	1.5

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)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	18.38	18.36	18.38	18.44	18.49	19.50	1.5

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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	18.32	18.48	18.48	18.34	18.30	19.50	1.5

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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)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	18.49	18.45	18.43	18.43	18.48	19.50	1.5

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)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	18.33	18.50	18.38	18.35	18.47	19.50	1.5

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				
Channel						656000				
15	CP-OFDM QPSK	1	1			18.46			19.50	1.5

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				
Channel						656000				
10	CP-OFDM QPSK	1	1			18.40			19.50	1.5

5G NR n77_PC2_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		
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	1	21.48	21.30	21.37	21.29	21.33	22.00	1.5
		1	137	20.82	20.86	20.89	20.83	20.92	22.00	1.5
		1	271	20.86	20.83	20.88	20.93	20.88	22.00	1.5
		135	0	19.34	19.39	19.32	19.35	19.33	20.50	3.0
		135	69	20.84	20.86	20.83	20.87	20.81	22.00	1.5
		135	138	19.35	19.44	19.49	19.36	19.36	20.50	3.0
		270	0	19.34	19.44	19.37	19.47	19.48	20.50	3.0
	16-QAM	1	1	20.40	20.45	20.42	20.48	20.38	21.50	2.0
	64QAM	1	1	18.95	18.92	18.84	18.81	19.00	20.00	3.5
	256-QAM	1	1	15.97	15.94	15.98	15.86	16.00	17.00	6.5

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5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	20.92	20.81	20.89	20.84	20.88	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	20.98	20.98	20.90	20.93	20.89	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	21.00	20.91	20.88	20.91	20.98	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	20.81	20.94	20.86	20.96	20.89	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	20.83	20.84	20.96	20.84	20.94	22.00	1.5

5G NR n77_PC2_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	20.83	20.97	20.84	20.86	20.94	22.00	1.5

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5G NR n77_PC2_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				
Channel						656000				
15	CP-OFDM QPSK	1	1			20.91			22.00	1.5

5G NR n77_PC2_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				
Channel						656000				
10	CP-OFDM QPSK	1	1			20.96			22.00	1.5

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)					3499.995			
Channel					633333			
100	CP-OFDM QPSK	1	1		19.40		19.50	1.5
		1	137		19.30		19.50	1.5
		1	271		19.16		19.50	1.5
		135	0		17.65		18.00	3.0
		135	69		19.12		19.50	1.5
		135	138		17.78		18.00	3.0
		270	0		17.70		18.00	3.0
	16-QAM	1	1		18.70		19.00	2.0
	64QAM	1	1		17.16		17.50	3.5
	256-QAM	1	1		14.24		14.50	6.5

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)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	CP-OFDM QPSK	1	1	19.35	19.37	19.31	19.50	1.5

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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)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	CP-OFDM QPSK	1	1	19.32	19.29	19.37	19.50	1.5

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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	CP-OFDM QPSK	1	1	19.22	19.24	19.38	19.50	1.5

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)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	CP-OFDM QPSK	1	1	19.27	19.20	19.27	19.50	1.5

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)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	CP-OFDM QPSK	1	1	19.29	19.38	19.31	19.50	1.5

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)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	CP-OFDM QPSK	1	1	19.25	19.32	19.27	19.50	1.5

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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)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	CP-OFDM QPSK	1	1	19.38	19.22	19.27	19.50	1.5

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)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	CP-OFDM QPSK	1	1	19.36	19.27	19.33	19.50	1.5

5G NR n77 & n78_PC2_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			
100	CP-OFDM QPSK	1	1		21.65		22.00	1.5
		1	137		21.40		22.00	1.5
		1	271		21.37		22.00	1.5
		135	0		19.81		20.50	3.0
		135	69		21.40		22.00	1.5
		135	138		19.95		20.50	3.0
		270	0		19.95		20.50	3.0
	16-QAM	1	1		20.88		21.50	2.0
	64QAM	1	1		19.33		20.00	3.5
	256-QAM	1	1		16.44		17.00	6.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	CP-OFDM QPSK	1	1	21.33	21.47	21.39	22.00	1.5

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5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	CP-OFDM QPSK	1	1	21.48	21.35	21.45	22.00	1.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	CP-OFDM QPSK	1	1	21.35	21.48	21.37	22.00	1.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	CP-OFDM QPSK	1	1	21.45	21.42	21.50	22.00	1.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	CP-OFDM QPSK	1	1	21.36	21.40	21.49	22.00	1.5

5G NR n77 & n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	CP-OFDM QPSK	1	1	21.37	21.33	21.36	22.00	1.5

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5G NR n77 & n78_PC2_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	CP-OFDM QPSK	1	1	21.30	21.35	21.34	22.00	1.5

5G NR n77 & n78_PC2_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	CP-OFDM QPSK	1	1	21.47	21.38	21.35	22.00	1.5

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)					3750			
Channel					645000			
100	CP-OFDM QPSK	1	1		19.46		19.50	1.5
		1	137		19.25		19.50	1.5
		1	271		19.21		19.50	1.5
		135	0		17.66		18.00	3.0
		135	69		19.17		19.50	1.5
		135	138		17.73		18.00	3.0
		270	0		17.72		18.00	3.0
	16-QAM	1	1		18.71		19.00	2.0
	64QAM	1	1		17.29		17.50	3.5
	256-QAM	1	1		14.29		14.50	6.5

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)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	CP-OFDM QPSK	1	1	19.24	19.25	19.22	19.50	1.5

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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)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	19.12	19.22	19.18	19.50	1.5

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)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	CP-OFDM QPSK	1	1	19.25	19.26	19.17	19.50	1.5

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)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	19.19	19.23	19.13	19.50	1.5

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)				3720	3750	3780		
Channel				648000	645000	652000		
40	CP-OFDM QPSK	1	1	19.28	19.19	19.26	19.50	1.5

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)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	CP-OFDM QPSK	1	1	19.25	19.13	19.28	19.50	1.5

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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)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	19.18	19.29	19.18	19.50	1.5

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)				3705	3750	3795		
Channel				647000	645000	653000		
10	CP-OFDM QPSK	1	1	19.12	19.11	19.25	19.50	1.5

5G NR n78_PC2_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					650000			
100	CP-OFDM QPSK	1	1		21.77		22.00	1.5
		1	137		21.43		22.00	1.5
		1	271		21.45		22.00	1.5
		135	0		19.97		20.50	3.0
		135	69		21.41		22.00	1.5
		135	138		19.88		20.50	3.0
		270	0		19.87		20.50	3.0
	16-QAM	1	1		20.84		21.50	2.0
	64QAM	1	1		19.41		20.00	3.5
	256-QAM	1	1		16.31		17.00	6.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	CP-OFDM QPSK	1	1	21.31	21.47	21.32	22.00	1.5

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5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	21.43	21.37	21.46	22.00	1.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	CP-OFDM QPSK	1	1	21.48	21.33	21.44	22.00	1.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	21.49	21.48	21.46	22.00	1.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	CP-OFDM QPSK	1	1	21.41	21.45	21.38	22.00	1.5

5G NR n78_PC2_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	CP-OFDM QPSK	1	1	21.39	21.40	21.47	22.00	1.5

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5G NR n78_PC2_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	CP-OFDM QPSK	1	1	21.31	21.32	21.49	22.00	1.5

5G NR n78_PC2_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	650000	653000		
10	CP-OFDM QPSK	1	1	21.40	21.41	21.40	22.00	1.5

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6 SUMMARY OF RESULTS

6.1 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.

6.2 Summary of SAR Results

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Band	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	
WCDMA Band II	Bottom Surface	0	9262	1852.4	22.0	21.54	111.17%	0.482	0.536	-
WCDMA Band II	Bottom Surface	0	9400	1880	22.0	21.55	110.92%	0.531	0.589	-
WCDMA Band II	Bottom Surface	0	9538	1907.6	22.0	21.56	110.66%	0.562	0.622	001
WCDMA Band II	Bottom Surface*	0	9538	1907.6	22.0	21.56	110.66%	0.493	0.546	-
WCDMA Band IV	Bottom Surface	0	1312	1712.4	21.0	20.58	110.15%	0.362	0.399	-
WCDMA Band IV	Bottom Surface	0	1412	1732.6	21.0	20.64	108.64%	0.412	0.448	002
WCDMA Band IV	Bottom Surface	0	1513	1752.6	21.0	20.61	109.40%	0.348	0.381	-
WCDMA Band IV	Bottom Surface*	0	1412	1732.6	21.0	20.64	108.64%	0.382	0.415	-
WCDMA Band V	Bottom Surface	0	4132	826.4	24.0	23.87	103.04%	0.800	0.824	003
WCDMA Band V	Bottom Surface	0	4183	836.6	24.0	23.82	104.23%	0.633	0.660	-
WCDMA Band V	Bottom Surface	0	4233	846.6	24.0	23.78	105.20%	0.639	0.672	-
WCDMA Band V	Bottom Surface**	0	4132	826.4	24.0	23.87	103.04%	0.792	0.816	-
WCDMA Band V	Bottom Surface*	0	4132	826.4	24.0	23.87	103.04%	0.728	0.750	-

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Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1	0	Bottom Surface	0	18700	1860	22.00	21.86	103.28%	0.483	0.499	-
LTE Band 2			1	0	Bottom Surface	0	18900	1880	22.00	21.91	102.09%	0.598	0.611	004
LTE Band 2			1	0	Bottom Surface	0	19100	1900	22.00	21.90	102.33%	0.561	0.574	-
LTE Band 2			50	0	Bottom Surface	0	18700	1860	21.00	20.83	103.99%	0.543	0.565	-
LTE Band 2			1	0	Bottom Surface*	0	18900	1880	22.00	21.91	102.09%	0.551	0.563	-
ULCA_2C_Spot-check			1	0	Bottom Surface***	0	19100	1900	22.00	21.80	104.71%	0.513	0.537	-
LTE Band 4	20MHz	QPSK	1	0	Bottom Surface	0	20050	1720	21.00	20.91	102.09%	0.416	0.425	005
LTE Band 4			1	0	Bottom Surface	0	20175	1732.5	21.00	20.81	104.47%	0.387	0.404	-
LTE Band 4			1	0	Bottom Surface	0	20300	1745	21.00	20.87	103.04%	0.364	0.375	-
LTE Band 4			50	50	Bottom Surface	0	20050	1720	20.00	19.90	102.33%	0.394	0.403	-
LTE Band 4			1	0	Bottom Surface*	0	20050	1720	21.00	20.91	102.09%	0.378	0.386	-
LTE Band 5	10MHz	QPSK	1	0	Bottom Surface	0	20450	829	24.00	23.43	114.02%	0.666	0.759	006
LTE Band 5			1	0	Bottom Surface	0	20525	836.5	24.00	23.41	114.55%	0.632	0.724	-
LTE Band 5			1	0	Bottom Surface	0	20600	844	24.00	23.40	114.82%	0.617	0.708	-
LTE Band 5			25	12	Bottom Surface	0	20450	829	23.00	22.42	114.29%	0.547	0.625	-
LTE Band 5			1	0	Bottom Surface*	0	20450	829	24.00	23.43	114.02%	0.605	0.690	-
LTE Band 7	20MHz	QPSK	1	0	Bottom Surface	0	20850	2510	20.50	20.49	100.23%	0.852	0.854	007
LTE Band 7			1	0	Bottom Surface	0	21100	2535	20.50	20.45	101.16%	0.697	0.705	-
LTE Band 7			1	0	Bottom Surface	0	21350	2560	20.50	20.48	100.46%	0.680	0.683	-
LTE Band 7			50	50	Bottom Surface	0	21350	2560	19.50	19.44	101.39%	0.648	0.657	-
LTE Band 7			100RB		Bottom Surface	0	20850	2510	19.50	19.42	101.86%	0.617	0.628	-
LTE Band 7			1	0	Bottom Surface**	0	20850	2510	20.50	20.49	100.23%	0.815	0.817	-
LTE Band 7			1	0	Bottom Surface*	0	20850	2510	20.50	20.49	100.23%	0.813	0.815	-
ULCA_7C_Spot-check			1	0	Bottom Surface***	0	21350	2560	20.50	20.38	102.80%	0.756	0.777	-
LTE Band 12	10MHz	QPSK	1	0	Bottom Surface	0	23060	704	22.50	21.50	125.89%	0.314	0.395	-
LTE Band 12			1	0	Bottom Surface	0	23095	707.5	22.50	21.56	124.17%	0.321	0.399	-
LTE Band 12			1	0	Bottom Surface	0	23130	711	22.50	21.62	122.46%	0.434	0.531	008
LTE Band 12			25	12	Bottom Surface	0	23130	711	21.50	20.59	123.31%	0.357	0.440	-
LTE Band 12			1	0	Bottom Surface*	0	23130	711	22.50	21.62	122.46%	0.398	0.487	-
LTE Band 13	10MHz	QPSK	1	0	Bottom Surface	0	23230	782	22.50	22.45	101.16%	0.514	0.520	009
LTE Band 13			25	12	Bottom Surface	0	23230	782	21.50	21.29	104.95%	0.389	0.408	-
LTE Band 13			1	0	Bottom Surface*	0	23230	782	22.50	22.45	101.16%	0.426	0.431	-
LTE Band 14	10MHz	QPSK	1	0	Bottom Surface	0	23330	793	24.00	23.38	115.35%	0.544	0.627	010
LTE Band 14			25	0	Bottom Surface	0	23330	793	23.00	22.25	118.85%	0.516	0.613	-
LTE Band 14			1	0	Bottom Surface*	0	23330	793	24.00	23.38	115.35%	0.482	0.556	-
LTE Band 17	10MHz	QPSK	1	0	Bottom Surface	0	23780	709	22.50	22.47	100.69%	0.495	0.498	-
LTE Band 17			1	0	Bottom Surface	0	23790	710	22.50	22.45	101.16%	0.426	0.431	-
LTE Band 17			1	0	Bottom Surface	0	23800	711	22.50	22.49	100.23%	0.568	0.569	011
LTE Band 17			25	0	Bottom Surface	0	23800	711	21.50	21.47	100.69%	0.464	0.467	-
LTE Band 17			1	0	Bottom Surface*	0	23800	711	22.50	22.49	100.23%	0.546	0.547	-
LTE Band 25	20MHz	QPSK	1	0	Bottom Surface	0	26140	1860	22.50	21.27	132.74%	0.562	0.746	-
LTE Band 25			1	0	Bottom Surface	0	26365	1882.5	22.50	21.97	112.98%	0.603	0.681	012
LTE Band 25			1	0	Bottom Surface	0	26590	1905	22.50	21.94	113.76%	0.594	0.676	-
LTE Band 25			50	50	Bottom Surface	0	26365	1882.5	21.50	20.89	115.08%	0.492	0.566	-
LTE Band 25			1	0	Bottom Surface*	0	26365	1882.5	22.50	21.97	112.98%	0.538	0.608	-
LTE Band 26_FCC	15MHz	QPSK	1	0	Bottom Surface	0	26765	821.5	24.00	23.22	119.67%	0.660	0.790	013
LTE Band 26_FCC			1	0	Bottom Surface	0	26865	831.5	24.00	23.16	121.34%	0.642	0.779	-
LTE Band 26_FCC			1	0	Bottom Surface	0	26965	841.5	24.00	23.14	121.90%	0.633	0.772	-
LTE Band 26_FCC			36	0	Bottom Surface	0	26765	821.5	23.00	22.16	121.34%	0.538	0.653	-
LTE Band 26_FCC			1	0	Bottom Surface*	0	26765	821.5	24.00	23.22	119.67%	0.637	0.762	-
LTE Band 30	10MHz	QPSK	1	0	Bottom Surface	0	27710	2310	22.50	21.74	119.12%	0.964	1.148	015
LTE Band 30			25	12	Bottom Surface	0	27710	2310	21.50	20.70	120.23%	0.822	0.988	-
LTE Band 30			1	0	Bottom Surface**	0	27710	2310	22.50	21.74	119.12%	0.937	1.116	-
LTE Band 30			1	0	Bottom Surface*	0	27710	2310	22.50	21.74	119.12%	0.922	1.098	-

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LTE Band 66			1	0	Bottom Surface	0	132072	1720	21.00	20.87	103.04%	0.407	0.419	016
LTE Band 66			1	0	Bottom Surface	0	132322	1745	21.00	20.85	103.51%	0.345	0.357	-
LTE Band 66	20MHz	QPSK	1	0	Bottom Surface	0	132572	1770	21.00	20.83	103.99%	0.336	0.349	-
LTE Band 66			50	0	Bottom Surface	0	132072	1720	20.00	19.85	103.51%	0.339	0.351	-
LTE Band 66			1	0	Bottom Surface*	0	132072	1720	21.00	20.87	103.04%	0.387	0.399	-
ULCA_66C_Spot-check			1	99	Bottom Surface***	0	132323	1745.1	21.00	20.69	107.40%	0.352	0.378	-
ULCA_66B_Spot-check	10MHz	QPSK	1	49	Bottom Surface***	0	132373	1750.1	21.00	20.79	104.95%	0.321	0.337	-
LTE Band 71			1	0	Bottom Surface	0	133222	673	22.50	22.42	101.86%	0.467	0.476	017
LTE Band 71			1	0	Bottom Surface	0	133297	680.5	22.50	22.40	102.33%	0.406	0.415	-
LTE Band 71	20MHz	QPSK	1	0	Bottom Surface	0	133372	688	22.50	22.41	102.09%	0.428	0.437	-
LTE Band 71			50	0	Bottom Surface	0	133297	680.5	21.50	21.33	103.99%	0.352	0.366	-
LTE Band 71			1	0	Bottom Surface*	0	133222	673	22.50	22.42	101.86%	0.398	0.405	-
LTE Band 38			1	0	Bottom Surface	0	37850	2580	24.00	23.84	103.75%	0.915	0.949	018
LTE Band 38			1	0	Bottom Surface	0	38000	2595	24.00	23.81	104.47%	0.848	0.886	-
LTE Band 38	20MHz	QPSK	1	0	Bottom Surface	0	38150	2610	24.00	23.75	105.93%	0.823	0.872	-
LTE Band 38			50	0	Bottom Surface	0	37850	2580	23.00	22.81	104.47%	0.792	0.827	-
LTE Band 38			1	0	Bottom Surface*	0	37850	2580	24.00	23.84	103.75%	0.815	0.846	-
LTE Band 41_PC3			1	0	Bottom Surface	0	39750	2506	22.50	21.64	121.90%	0.489	0.596	-
LTE Band 41_PC3			1	0	Bottom Surface	0	40185	2549.5	22.50	21.65	121.62%	0.512	0.623	-
LTE Band 41_PC3			1	0	Bottom Surface	0	40620	2593	22.50	21.87	115.61%	0.577	0.667	019
LTE Band 41_PC3	20MHz	QPSK	1	0	Bottom Surface	0	41055	2636.5	22.50	21.54	124.74%	0.513	0.640	-
LTE Band 41_PC3			1	0	Bottom Surface	0	41490	2680	22.50	21.39	129.12%	0.478	0.617	-
LTE Band 41_PC3			50	0	Bottom Surface	0	40620	2593	21.50	20.85	116.14%	0.446	0.518	-
LTE Band 41_PC3			1	0	Bottom Surface*	0	40620	2593	22.50	21.87	115.61%	0.555	0.642	-
ULCA_41C_Spot-check			1	0	Bottom Surface***	0	41490	2680	22.50	21.83	116.68%	0.538	0.628	-
LTE Band 42_Part1			1	0	Bottom Surface	0	42190	3460	24.00	23.72	106.66%	0.802	0.855	-
LTE Band 42_Part1			1	0	Bottom Surface	0	42590	3500	24.00	23.79	104.95%	0.900	0.945	021
LTE Band 42_Part1			1	0	Bottom Surface	0	42990	3540	24.00	23.74	106.17%	0.766	0.813	-
LTE Band 42_Part1	20MHz	QPSK	50	25	Bottom Surface	0	42590	3500	23.00	22.75	105.93%	0.719	0.762	-
LTE Band 42_Part1			100RB		Bottom Surface	0	42590	3500	23.00	22.59	109.90%	0.743	0.817	-
LTE Band 42_Part1			1	0	Bottom Surface**	0	42590	3500	24.00	23.79	104.95%	0.889	0.933	-
LTE Band 42_Part1			1	0	Bottom Surface*	0	42590	3500	24.00	23.79	104.95%	0.878	0.921	-
LTE Band 42_Part2			1	0	Bottom Surface	0	43190	3560	24.00	23.75	105.93%	0.774	0.820	-
LTE Band 42_Part2			1	0	Bottom Surface	0	43340	3575	24.00	23.71	106.91%	0.783	0.837	-
LTE Band 42_Part2			1	0	Bottom Surface	0	43490	3590	24.00	23.76	105.68%	1.050	1.110	022
LTE Band 42_Part2	20MHz	QPSK	50	25	Bottom Surface	0	43490	3590	23.00	22.74	106.17%	0.749	0.795	-
LTE Band 42_Part2			100RB		Bottom Surface	0	43340	3575	23.00	22.69	107.40%	0.672	0.722	-
LTE Band 42_Part2			1	0	Bottom Surface**	0	43490	3590	24.00	23.76	105.68%	1.020	1.078	-
LTE Band 42_Part2			1	0	Bottom Surface*	0	43490	3590	24.00	23.76	105.68%	0.976	1.031	-
LTE Band 43			1	50	Bottom Surface	0	44190	3660	22.50	22.39	102.57%	1.050	1.077	-
LTE Band 43			1	0	Bottom Surface	0	44215	3662.5	22.50	22.39	102.57%	1.010	1.036	-
LTE Band 43			1	0	Bottom Surface	0	44240	3665	22.50	22.42	101.86%	1.100	1.120	024
LTE Band 43			50	25	Bottom Surface	0	41690	3410	21.50	21.39	102.57%	0.873	0.895	-
LTE Band 43	20MHz	QPSK	50	0	Bottom Surface	0	44215	3662.5	21.50	21.39	102.57%	0.891	0.914	-
LTE Band 43			50	25	Bottom Surface	0	43490	3590	21.50	21.35	103.51%	0.922	0.954	-
LTE Band 43			100RB		Bottom Surface	0	44215	3662.5	21.50	21.33	103.99%	0.927	0.964	-
LTE Band 43			1	0	Bottom Surface**	0	43490	3590	22.50	22.42	101.86%	1.090	1.110	-
LTE Band 43			1	0	Bottom Surface*	0	43490	3590	22.50	22.42	101.86%	0.977	0.995	-
LTE Band 48			1	0	Bottom Surface	0	55340	3560	22.00	21.76	105.68%	0.545	0.576	025
LTE Band 48			1	0	Bottom Surface	0	55830	3609	22.00	21.71	106.91%	0.483	0.516	-
LTE Band 48			1	0	Bottom Surface	0	56150	3641	22.00	21.67	107.89%	0.462	0.498	-
LTE Band 48	20MHz	QPSK	50	50	Bottom Surface	0	55340	3560	21.00	20.69	107.40%	0.478	0.513	-
LTE Band 48			1	0	Bottom Surface*	0	55340	3560	22.00	21.76	105.68%	0.525	0.555	-
ULCA_48C_Spot-check			1	99	Bottom Surface***	0	3560	55340	22.00	21.65	108.39%	0.511	0.554	-

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Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
NR n2	40MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	374000	1870	22.00	21.72	106.66%	0.438	0.467	026
NR n2			1	1	Bottom Surface	0	376000	1880	22.00	21.66	108.14%	0.421	0.455	-
NR n2			1	1	Bottom Surface	0	378000	1890	22.00	21.69	107.40%	0.413	0.444	-
NR n2			108	0	Bottom Surface	0	378000	1890	21.50	21.45	101.16%	0.386	0.390	-
NR n2			1	1	Bottom Surface*	0	374000	1870	22.00	21.72	106.66%	0.398	0.425	-
NR n5	20MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	166800	834	24.00	22.94	127.64%	0.532	0.679	-
NR n5			1	1	Bottom Surface	0	167300	836.5	24.00	22.96	127.06%	0.566	0.719	027
NR n5			1	1	Bottom Surface	0	167800	839	24.00	22.95	127.35%	0.514	0.655	-
NR n5			50	0	Bottom Surface	0	167300	836.5	23.50	22.60	123.03%	0.516	0.635	-
NR n5			1	1	Bottom Surface*	0	167300	836.5	24.00	22.96	127.06%	0.524	0.666	-
NR n7	50MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	505000	2525	20.50	20.23	106.41%	0.618	0.658	-
NR n7			1	1	Bottom Surface	0	507000	2535	20.50	20.25	105.93%	0.631	0.668	-
NR n7			1	1	Bottom Surface	0	509000	2545	20.50	20.32	104.23%	0.652	0.680	028
NR n7			135	0	Bottom Surface	0	507000	2535	20.00	19.93	101.62%	0.579	0.588	-
NR n7			1	1	Bottom Surface*	0	509000	2545	20.50	20.32	104.23%	0.614	0.640	-
NR n12	15MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	141300	706.5	22.50	22.29	104.95%	0.532	0.558	-
NR n12			1	1	Bottom Surface	0	141500	707.5	22.50	22.42	101.86%	0.562	0.572	-
NR n12			1	1	Bottom Surface	0	141700	708.5	22.50	22.45	101.16%	0.579	0.586	029
NR n12			36	0	Bottom Surface	0	141500	707.5	22.00	21.92	101.86%	0.522	0.532	-
NR n12			1	1	Bottom Surface*	0	141700	708.5	22.50	22.45	101.16%	0.551	0.557	-
NR n13	10MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	156400	782	22.50	22.44	101.39%	0.459	0.465	030
NR n13			25	0	Bottom Surface	0	156400	782	22.00	21.93	101.62%	0.413	0.420	-
NR n13			1	1	Bottom Surface*	0	156400	782	22.50	22.44	101.39%	0.434	0.440	-
NR n14	10MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	158600	793	24.00	23.19	120.50%	0.487	0.587	031
NR n14			25	0	Bottom Surface	0	158600	793	23.50	22.97	112.98%	0.473	0.534	-
NR n14			1	1	Bottom Surface*	0	158600	793	24.00	23.19	120.50%	0.455	0.548	-
NR n25	40MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	374000	1870	22.50	21.62	122.46%	0.432	0.529	-
NR n25			1	1	Bottom Surface	0	376500	1882.5	22.50	21.66	121.34%	0.413	0.501	-
NR n25			1	1	Bottom Surface	0	379000	1895	22.50	21.68	120.78%	0.465	0.562	032
NR n25			108	0	Bottom Surface	0	376500	1882.5	22.00	21.54	111.17%	0.446	0.496	-
NR n25			1	1	Bottom Surface*	0	379000	1895	22.50	21.68	120.78%	0.421	0.508	-
NR n26	30MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	165800	829	24.00	23.56	110.66%	0.524	0.580	033
NR n26			1	1	Bottom Surface	0	166300	831.5	24.00	23.53	111.43%	0.468	0.521	-
NR n26			1	1	Bottom Surface	0	166800	834	24.00	23.51	111.94%	0.486	0.544	-
NR n26			80	0	Bottom Surface	0	165800	829	23.50	23.49	100.23%	0.492	0.493	-
NR n26			1	1	Bottom Surface*	0	165800	829	24.00	23.56	110.66%	0.489	0.541	-
NR n30	10MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	462000	2310	22.50	22.48	100.46%	1.030	1.035	034
NR n30			25	0	Bottom Surface	0	462000	2310	22.00	21.79	104.95%	0.914	0.959	-
NR n30			50	0	Bottom Surface	0	462000	2310	22.00	21.60	109.65%	0.885	0.970	-
NR n30			1	1	Bottom Surface*	0	462000	2310	22.50	22.48	100.46%	0.934	0.938	-

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NR n66	45MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	346500	1732.5	21.00	20.60	109.65%	0.318	0.349	035
NR n66			1	1	Bottom Surface	0	349000	1745	21.00	20.57	110.41%	0.311	0.343	-
NR n66			1	1	Bottom Surface	0	351500	1757.5	21.00	20.59	109.90%	0.293	0.322	-
NR n66			120	0	Bottom Surface	0	349000	1745	20.50	20.45	101.16%	0.299	0.302	-
NR n66			1	1	Bottom Surface*	0	346500	1732.5	21.00	20.60	109.65%	0.289	0.317	-
NR n71	20MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	134600	673	22.50	22.17	107.89%	0.413	0.446	-
NR n71			1	1	Bottom Surface	0	136100	680.5	22.50	22.23	106.41%	0.482	0.513	036
NR n71			1	1	Bottom Surface	0	137600	688	22.50	22.13	108.89%	0.423	0.461	-
NR n71			50	0	Bottom Surface	0	137600	688	22.00	21.89	102.57%	0.394	0.404	-
NR n71			1	1	Bottom Surface*	0	136100	680.5	22.50	22.23	106.41%	0.415	0.442	-
NR n38	40MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	518004	2590.02	24.00	23.55	110.92%	0.982	1.089	-
NR n38			1	1	Bottom Surface	0	519000	2595	24.00	23.52	111.69%	0.972	1.086	-
NR n38			1	1	Bottom Surface	0	519996	2599.98	24.00	23.59	109.90%	1.030	1.132	037
NR n38			50	0	Bottom Surface	0	519996	2599.98	23.50	23.48	100.46%	0.962	0.966	-
NR n38			100	0	Bottom Surface	0	519996	2599.98	23.50	23.36	103.28%	0.988	1.020	-
NR n38			1	1	Bottom Surface**	0	519996	2599.98	24.00	23.59	109.90%	1.020	1.121	-
NR n38			1	1	Bottom Surface*	0	519996	2599.98	24.00	23.59	109.90%	0.978	1.075	-
NR n41_PC3	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	22.50	22.48	100.46%	0.961	0.965	-
NR n41_PC3			1	1	Bottom Surface	0	518598	2592.99	22.50	22.49	100.23%	0.974	0.976	038
NR n41_PC3			1	137	Bottom Surface	0	528000	2640	22.50	22.43	101.62%	0.953	0.968	-
NR n41_PC3			135	0	Bottom Surface	0	528000	2640	22.00	21.95	101.16%	0.876	0.886	-
NR n41_PC3			270	0	Bottom Surface	0	509202	2546.01	22.00	21.55	110.92%	0.823	0.913	-
NR n41_PC3			1	1	Bottom Surface**	0	518598	2592.99	22.50	22.49	100.23%	0.961	0.963	-
NR n41_PC3			1	1	Bottom Surface*	0	518598	2592.99	22.50	22.49	100.23%	0.923	0.925	-
NR n41_PC2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	22.50	22.14	108.64%	1.030	1.119	039
NR n41_PC2			1	1	Bottom Surface	0	518598	2592.99	22.50	21.96	113.24%	0.964	1.092	-
NR n41_PC2			1	137	Bottom Surface	0	528000	2640	22.50	21.95	113.50%	0.958	1.087	-
NR n41_PC2			135	69	Bottom Surface	0	509202	2546.01	22.50	21.93	114.02%	0.876	0.999	-
NR n41_PC2			135	69	Bottom Surface	0	518598	2592.99	22.50	21.82	116.95%	0.862	1.008	-
NR n41_PC2			135	69	Bottom Surface	0	528000	2640	22.50	21.81	117.22%	0.871	1.021	-
NR n41_PC2			270	0	Bottom Surface	0	518598	2592.99	22.00	21.44	113.76%	0.844	0.960	-
NR n41_PC2			1	1	Bottom Surface**	0	509202	2546.01	22.50	22.14	108.64%	1.010	1.097	-
NR n41_PC2			1	1	Bottom Surface*	0	509202	2546.01	22.50	22.14	108.64%	0.968	1.052	-
NR n48	100MHz	SCS 30kHz PI/2 BPSK	1	137	Bottom Surface	0	640000	3600	20.00	19.77	105.44%	0.911	0.961	-
NR n48			1	137	Bottom Surface	0	641668	3625.02	20.00	19.61	109.40%	0.903	0.988	-
NR n48			1	1	Bottom Surface	0	643332	3649.98	20.00	19.85	103.51%	0.971	1.005	040
NR n48			135	69	Bottom Surface	0	640000	3600	20.00	19.63	108.89%	0.862	0.939	-
NR n48			135	69	Bottom Surface	0	641668	3625.02	20.00	19.79	104.95%	0.878	0.921	-
NR n48			135	69	Bottom Surface	0	643332	3649.98	20.00	19.64	108.64%	0.855	0.929	-
NR n48			270	0	Bottom Surface	0	641668	3625.02	19.50	19.17	107.89%	0.846	0.913	-
NR n48			1	1	Bottom Surface**	0	643332	3649.98	20.00	19.85	103.51%	0.964	0.998	-
NR n48			1	1	Bottom Surface*	0	643332	3649.98	20.00	19.85	103.51%	0.952	0.985	-
NR n77_PC3_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	23.00	22.46	113.24%	1.020	1.155	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	653000	3795	23.00	22.49	112.46%	1.050	1.181	041
NR n77_PC3_FCC			1	1	Bottom Surface	0	656000	3840	23.00	22.41	114.55%	0.980	1.123	-
NR n77_PC3_FCC			1	137	Bottom Surface	0	659000	3885	23.00	22.41	114.55%	0.963	1.103	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	662000	3930	23.00	22.43	114.02%	0.974	1.111	-
NR n77_PC3_FCC			135	0	Bottom Surface	0	650000	3750	22.50	22.36	103.28%	0.995	1.028	-
NR n77_PC3_FCC			135	0	Bottom Surface	0	653000	3795	22.50	22.34	103.75%	1.000	1.038	-
NR n77_PC3_FCC			135	0	Bottom Surface	0	656000	3840	22.50	22.34	103.75%	0.956	0.992	-
NR n77_PC3_FCC			135	0	Bottom Surface	0	659000	3885	22.50	22.34	103.75%	0.979	1.016	-
NR n77_PC3_FCC			135	0	Bottom Surface	0	662000	3930	22.50	22.43	101.62%	0.964	0.980	-
NR n77_PC3_FCC			270	0	Bottom Surface	0	650000	3750	22.50	22.10	109.65%	0.987	1.082	-
NR n77_PC3_FCC			1	1	Bottom Surface**	0	653000	3795	23.00	22.49	112.46%	1.030	1.158	-
NR n77_PC3_FCC			1	1	Bottom Surface*	0	653000	3795	23.00	22.49	112.46%	0.996	1.120	-
NR n77_PC2_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	23.00	22.70	107.15%	0.975	1.045	-
NR n77_PC2_FCC			1	1	Bottom Surface	0	653000	3795	23.00	22.72	106.66%	1.010	1.077	042
NR n77_PC2_FCC			1	1	Bottom Surface	0	656000	3840	23.00	22.66	108.14%	0.993	1.074	-
NR n77_PC2_FCC			1	1	Bottom Surface	0	659000	3885	23.00	22.61	109.40%	0.973	1.064	-
NR n77_PC2_FCC			1	1	Bottom Surface	0	662000	3930	23.00	22.59	109.90%	0.963	1.058	-
NR n77_PC2_FCC			135	0	Bottom Surface	0	650000	3750	22.50	22.45	101.16%	0.943	0.954	-
NR n77_PC2_FCC			135	0	Bottom Surface	0	653000	3795	22.50	22.44	101.39%	0.956	0.969	-
NR n77_PC2_FCC			135	0	Bottom Surface	0	656000	3840	22.50	22.39	102.57%	0.939	0.963	-
NR n77_PC2_FCC			135	0	Bottom Surface	0	659000	3885	22.50	22.33	103.99%	0.941	0.979	-
NR n77_PC2_FCC			135	0	Bottom Surface	0	662000	3930	22.50	22.46	100.93%	0.954	0.963	-
NR n77_PC2_FCC			270	0	Bottom Surface	0	659000	3885	22.50	22.16	108.14%	0.948	1.025	-
NR n77_PC2_FCC			1	1	Bottom Surface**	0	653000	3795	23.00	22.72	106.66%	0.994	1.060	-
NR n77_PC2_FCC			1	1	Bottom Surface*	0	653000	3795	23.00	22.72	106.66%	0.978	1.043	-
NR n77 & n78_PC3_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	633333	3499.995	23.00	22.58	110.15%	1.060	1.168	043
NR n77 & n78_PC3_FCC			135	0	Bottom Surface	0	633333	3499.995	22.50	22.34	103.75%	0.974	1.011	-
NR n77 & n78_PC3_FCC			270	0	Bottom Surface	0	633333	3499.995	22.50	22.10	109.65%	0.986	1.081	-
NR n77 & n78_PC3_FCC			1	1	Bottom Surface**	0	633333	3499.995	23.00	22.58	110.15%	1.040	1.146	-
NR n77 & n78_PC3_FCC			1	1	Bottom Surface*	0	633333	3499.995	23.00	22.58	110.15%	0.985	1.085	-
NR n77 & n78_PC2_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	633333	3499.995	23.00	22.78	105.20%	0.710	0.747	044
NR n77 & n78_PC2_FCC			135	0	Bottom Surface	0	633333	3499.995	22.50	22.36	103.28%	0.687	0.710	-
NR n77 & n78_PC2_FCC			1	1	Bottom Surface*	0	633333	3499.995	23.00	22.78	105.20%	0.677	0.712	-
NR n78_PC3_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	645000	3750	23.00	22.61	109.40%	0.890	0.974	047
NR n78_PC3_FCC			135	0	Bottom Surface	0	645000	3750	22.50	22.42	101.86%	0.782	0.797	-
NR n78_PC3_FCC			270	0	Bottom Surface	0	645000	3750	22.50	22.08	110.15%	0.762	0.839	-
NR n78_PC3_FCC			1	1	Bottom Surface**	0	645000	3750	23.00	22.61	109.40%	0.873	0.955	-
NR n78_PC3_FCC			1	1	Bottom Surface*	0	645000	3750	23.00	22.61	109.40%	0.856	0.936	-
NR n78_PC2_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	23.00	22.98	100.46%	1.110	1.115	048
NR n78_PC2_FCC			135	0	Bottom Surface	0	650000	3750	22.50	22.34	103.75%	0.992	1.029	-
NR n78_PC2_FCC			270	0	Bottom Surface	0	650000	3750	22.50	22.02	111.69%	0.987	1.102	-
NR n78_PC2_FCC			1	1	Bottom Surface**	0	650000	3750	23.00	22.98	100.46%	1.090	1.095	-
NR n78_PC2_FCC			1	1	Bottom Surface*	0	650000	3750	23.00	22.98	100.46%	1.050	1.055	-

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ULMIMO

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 n41_PC3_ULMIMO	100MHz	SCS 30kHz CP-OFDM	1	1	Bottom Surface	0	509202	2546.01	18.00	17.63	108.89%	0.360	0.392	049
NR n41_PC3_ULMIMO			1	1	Bottom Surface	0	518598	2592.99	18.00	17.61	109.40%	0.342	0.374	-
NR n41_PC3_ULMIMO			1	1	Bottom Surface	0	528000	2640	18.00	17.45	113.50%	0.356	0.404	-
NR n41_PC3_ULMIMO			135	69	Bottom Surface	0	509202	2546.01	18.00	17.36	115.88%	0.311	0.360	-
NR n41_PC3_ULMIMO			135	69	Bottom Surface	0	518598	2592.99	18.00	17.36	115.88%	0.308	0.357	-
NR n41_PC3_ULMIMO			135	69	Bottom Surface	0	528000	2640	18.00	17.36	115.88%	0.316	0.366	-
NR n41_PC3_ULMIMO			1	1	Bottom Surface*	0	509202	2546.01	18.00	17.63	108.89%	0.315	0.343	-
NR n41_PC2_ULMIMO	100MHz	SCS 30kHz CP-OFDM	1	1	Bottom Surface	0	509202	2546.01	18.00	17.61	109.40%	0.372	0.407	050
NR n41_PC2_ULMIMO			1	1	Bottom Surface	0	518598	2592.99	18.00	17.58	110.15%	0.352	0.388	-
NR n41_PC2_ULMIMO			1	271	Bottom Surface	0	528000	2640	18.00	17.46	113.24%	0.332	0.376	-
NR n41_PC2_ULMIMO			135	69	Bottom Surface	0	509202	2546.01	18.00	17.44	113.76%	0.328	0.373	-
NR n41_PC2_ULMIMO			1	1	Bottom Surface*	0	509202	2546.01	18.00	17.61	109.40%	0.328	0.359	-
NR n77_PC3_FCC_ULMIMO	100MHz	SCS 30kHz CP-OFDM	1	1	Bottom Surface	0	650000	3750	19.50	19.03	111.43%	0.776	0.865	051
NR n77_PC3_FCC_ULMIMO			1	1	Bottom Surface	0	653000	3795	19.50	19.01	111.94%	0.743	0.832	-
NR n77_PC3_FCC_ULMIMO			1	271	Bottom Surface	0	656000	3840	19.50	18.93	114.02%	0.752	0.857	-
NR n77_PC3_FCC_ULMIMO			1	137	Bottom Surface	0	659000	3885	19.50	18.91	114.55%	0.744	0.852	-
NR n77_PC3_FCC_ULMIMO			1	1	Bottom Surface	0	662000	3930	19.50	18.92	114.29%	0.751	0.858	-
NR n77_PC3_FCC_ULMIMO			135	69	Bottom Surface	0	656000	3840	19.50	18.99	112.46%	0.706	0.794	-
NR n77_PC3_FCC_ULMIMO			270	0	Bottom Surface	0	659000	3885	18.00	17.42	114.29%	0.682	0.779	-
NR n77_PC3_FCC_ULMIMO			1	1	Bottom Surface*	0	650000	3750	19.50	19.03	111.43%	0.747	0.832	-
NR n77_PC2_FCC_ULMIMO	100MHz	SCS 30kHz CP-OFDM	1	1	Bottom Surface	0	650000	3750	22.00	21.86	103.28%	0.943	0.974	-
NR n77_PC2_FCC_ULMIMO			1	1	Bottom Surface	0	653000	3795	22.00	21.90	102.33%	0.961	0.983	052
NR n77_PC2_FCC_ULMIMO			1	1	Bottom Surface	0	656000	3840	22.00	21.82	104.23%	0.928	0.967	-
NR n77_PC2_FCC_ULMIMO			1	1	Bottom Surface	0	659000	3885	22.00	21.70	107.15%	0.911	0.976	-
NR n77_PC2_FCC_ULMIMO			1	1	Bottom Surface	0	662000	3930	22.00	21.81	104.47%	0.906	0.947	-
NR n77_PC2_FCC_ULMIMO			135	69	Bottom Surface	0	650000	3750	22.00	20.62	137.40%	0.653	0.897	-
NR n77_PC2_FCC_ULMIMO			135	69	Bottom Surface	0	653000	3795	22.00	20.75	133.35%	0.648	0.864	-
NR n77_PC2_FCC_ULMIMO			135	69	Bottom Surface	0	656000	3840	22.00	20.76	133.05%	0.679	0.903	-
NR n77_PC2_FCC_ULMIMO			135	69	Bottom Surface	0	659000	3885	22.00	20.69	135.21%	0.666	0.900	-
NR n77_PC2_FCC_ULMIMO			135	69	Bottom Surface	0	662000	3930	22.00	20.72	134.28%	0.655	0.880	-
NR n77_PC2_FCC_ULMIMO			270	0	Bottom Surface	0	653000	3795	20.50	19.27	132.74%	0.631	0.838	-
NR n77_PC2_FCC_ULMIMO			1	1	Bottom Surface**	0	653000	3795	22.00	21.90	102.33%	0.955	0.977	-
NR n77_PC2_FCC_ULMIMO			1	1	Bottom Surface*	0	653000	3795	22.00	21.90	102.33%	0.902	0.923	-
NR n77 & n78_PC3_FCC_ULMIMO	100MHz	SCS 30kHz CP-OFDM	1	1	Bottom Surface	0	633333	3499.995	19.50	19.17	107.89%	0.548	0.591	053
NR n77 & n78_PC3_FCC_ULMIMO			135	69	Bottom Surface	0	633333	3499.995	19.50	18.81	117.22%	0.498	0.584	-
NR n77 & n78_PC3_FCC_ULMIMO			1	1	Bottom Surface*	0	633333	3499.995	19.50	19.17	107.89%	0.488	0.527	-
NR n77 & n78_PC2_FCC_ULMIMO	100MHz	SCS 30kHz CP-OFDM	1	1	Bottom Surface	0	633333	3499.995	22.00	21.92	101.86%	1.040	1.059	054
NR n77 & n78_PC2_FCC_ULMIMO			135	69	Bottom Surface	0	633333	3499.995	22.00	21.81	104.47%	0.987	1.031	-
NR n77 & n78_PC2_FCC_ULMIMO			270	0	Bottom Surface	0	633333	3499.995	20.50	20.37	103.04%	0.943	0.972	-
NR n77 & n78_PC2_FCC_ULMIMO			1	1	Bottom Surface**	0	633333	3499.995	22.00	21.92	101.86%	1.020	1.039	-
NR n77 & n78_PC2_FCC_ULMIMO			1	1	Bottom Surface*	0	633333	3499.995	22.00	21.92	101.86%	0.950	0.968	-
NR n78_PC3_FCC_ULMIMO	100MHz	SCS 30kHz CP-OFDM	1	1	Bottom Surface	0	645000	3750	19.50	19.08	110.15%	0.802	0.883	057
NR n78_PC3_FCC_ULMIMO			135	69	Bottom Surface	0	645000	3750	19.50	18.45	127.35%	0.682	0.869	-
NR n78_PC3_FCC_ULMIMO			270	0	Bottom Surface	0	645000	3750	18.00	16.99	126.18%	0.634	0.800	-
NR n78_PC3_FCC_ULMIMO			1	1	Bottom Surface**	0	645000	3750	19.50	19.08	110.15%	0.789	0.869	-
NR n78_PC3_FCC_ULMIMO			1	1	Bottom Surface*	0	645000	3750	19.50	19.08	110.15%	0.743	0.818	-
NR n78_PC2_FCC_ULMIMO	100MHz	SCS 30kHz CP-OFDM	1	1	Bottom Surface	0	650000	3750	22.00	21.99	100.23%	0.937	0.939	058
NR n78_PC2_FCC_ULMIMO			135	69	Bottom Surface	0	650000	3750	22.00	21.85	103.51%	0.883	0.914	-
NR n78_PC2_FCC_ULMIMO			270	0	Bottom Surface	0	650000	3750	20.50	20.26	105.68%	0.837	0.885	-
NR n78_PC2_FCC_ULMIMO			1	1	Bottom Surface**	0	650000	3750	22.00	21.99	100.23%	0.922	0.924	-
NR n78_PC2_FCC_ULMIMO			1	1	Bottom Surface*	0	650000	3750	22.00	21.99	100.23%	0.854	0.856	-

Note: * - Spot Check Vendor 2

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

*** - Spot Check ULCA

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Ant8

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	23.00	22.64	108.64%	0.472	0.513	-
LTE Band 2			1	0	Bottom Surface	0	18900	1880	23.00	22.68	107.65%	0.463	0.498	-
LTE Band 2			1	0	Bottom Surface	0	19100	1900	23.00	22.69	107.40%	0.490	0.526	059
LTE Band 2			50	0	Bottom Surface	0	18900	1880	22.00	21.66	108.14%	0.454	0.491	-
LTE Band 2			1	0	Bottom Surface*	0	19100	1900	23.00	22.69	107.40%	0.446	0.479	-
ULCA_2C_Spot-check			1	0	Bottom Surface***	0	18700	1860	23.00	22.58	110.15%	0.441	0.486	-
LTE Band 4	20MHz	QPSK	1	0	Bottom Surface	0	20050	1720	22.00	21.64	108.64%	0.717	0.779	-
LTE Band 4			1	0	Bottom Surface	0	20175	1732.5	22.00	21.65	108.39%	0.724	0.785	060
LTE Band 4			1	0	Bottom Surface	0	20300	1745	22.00	21.53	111.43%	0.692	0.771	-
LTE Band 4			50	50	Bottom Surface	0	20175	1732.5	21.00	20.58	110.15%	0.678	0.747	-
LTE Band 4			1	0	Bottom Surface*	0	20175	1732.5	22.00	21.65	108.39%	0.675	0.732	-
LTE Band 7	20MHz	QPSK	1	0	Bottom Surface	0	20850	2510	24.00	23.88	102.80%	0.568	0.584	061
LTE Band 7			1	0	Bottom Surface	0	21100	2535	24.00	23.79	104.95%	0.536	0.563	-
LTE Band 7			1	0	Bottom Surface	0	21350	2560	24.00	23.75	105.93%	0.545	0.577	-
LTE Band 7			50	25	Bottom Surface	0	20850	2510	23.00	22.86	103.28%	0.529	0.546	-
LTE Band 7			1	0	Bottom Surface*	0	20850	2510	24.00	23.88	102.80%	0.531	0.546	-
ULCA_7C_Spot-check			1	0	Bottom Surface***	0	21350	2560	24.00	23.78	105.20%	0.522	0.549	-
LTE Band 25	20MHz	QPSK	1	0	Bottom Surface	0	26140	1860	23.50	23.15	108.39%	0.533	0.578	-
LTE Band 25			1	0	Bottom Surface	0	26365	1882.5	23.50	23.20	107.15%	0.521	0.558	-
LTE Band 25			1	0	Bottom Surface	0	26590	1905	23.50	23.25	105.93%	0.555	0.588	062
LTE Band 25			50	50	Bottom Surface	0	26590	1905	22.50	22.21	106.91%	0.519	0.555	-
LTE Band 25			1	0	Bottom Surface*	0	26590	1905	23.50	23.25	105.93%	0.517	0.548	-
LTE Band 30	10MHz	QPSK	1	0	Bottom Surface	0	27710	2310	23.00	22.96	100.93%	0.438	0.442	063
LTE Band 30			25	12	Bottom Surface	0	27710	2310	22.00	21.84	103.75%	0.412	0.427	-
LTE Band 30			1	0	Bottom Surface*	0	27710	2310	23.00	22.96	100.93%	0.377	0.380	-
LTE Band 66	20MHz	QPSK	1	0	Bottom Surface	0	132072	1720	24.00	23.14	121.90%	0.917	1.118	064
LTE Band 66			1	0	Bottom Surface	0	132322	1745	24.00	23.07	123.88%	0.624	0.773	-
LTE Band 66			1	0	Bottom Surface	0	132572	1770	24.00	23.12	122.46%	0.724	0.887	-
LTE Band 66			50	50	Bottom Surface	0	132572	1770	23.00	22.09	123.31%	0.783	0.966	-
LTE Band 66			100RB		Bottom Surface	0	132572	1770	23.00	22.09	123.31%	0.610	0.752	-
LTE Band 66			1	0	Bottom Surface**	0	132072	1720	24.00	23.14	121.90%	0.868	1.058	-
LTE Band 66			1	0	Bottom Surface*	0	132072	1720	24.00	23.14	121.90%	0.852	1.039	-
ULCA_66C_Spot-check			1	99	Bottom Surface***	0	132323	1745.1	24.00	23.05	124.45%	0.819	1.019	-
ULCA_66B_Spot-check	10MHz	QPSK	1	49	Bottom Surface***	0	132022	1715	24.00	23.02	125.31%	0.799	1.001	-
LTE Band 38	20MHz	QPSK	1	0	Bottom Surface	0	37850	2580	24.00	23.50	112.20%	0.312	0.350	065
LTE Band 38			1	0	Bottom Surface	0	38000	2595	24.00	23.42	114.29%	0.253	0.289	-
LTE Band 38			1	0	Bottom Surface	0	38150	2610	24.00	23.45	113.50%	0.243	0.276	-
LTE Band 38			50	50	Bottom Surface	0	37850	2580	23.00	22.97	100.69%	0.221	0.223	-
LTE Band 38			1	0	Bottom Surface*	0	37850	2580	24.00	23.50	112.20%	0.278	0.312	-
LTE Band 41_PC3	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	24.00	23.73	106.41%	0.361	0.384	066
LTE Band 41_PC3			1	0	Bottom Surface	0	40185	2549.5	24.00	23.66	108.14%	0.312	0.337	-
LTE Band 41_PC3			1	0	Bottom Surface	0	40620	2593	24.00	23.48	112.72%	0.333	0.375	-
LTE Band 41_PC3			50	0	Bottom Surface	0	40620	2593	23.00	22.98	100.46%	0.314	0.315	-
LTE Band 41_PC3			1	0	Bottom Surface*	0	39750	2506	24.00	23.73	106.41%	0.281	0.299	-
ULCA_41C_Spot-check			1	0	Bottom Surface***	0	41490	2680	24.00	23.63	108.89%	0.341	0.371	-
LTE Band 42_Part1	20MHz	QPSK	1	50	Bottom Surface	0	41690	3410	24.00	23.48	112.72%	0.434	0.489	-
LTE Band 42_Part1			1	0	Bottom Surface	0	42590	3500	24.00	23.42	114.29%	0.428	0.489	-
LTE Band 42_Part1			1	0	Bottom Surface	0	43490	3590	24.00	23.51	111.94%	0.450	0.504	068
LTE Band 42_Part1			50	0	Bottom Surface	0	42590	3500	23.00	22.95	101.16%	0.433	0.438	-
LTE Band 42_Part1			1	0	Bottom Surface*	0	43490	3590	24.00	23.51	111.94%	0.412	0.461	-
LTE Band 42_Part2	20MHz	QPSK	1	0	Bottom Surface	0	41690	3410	24.00	23.35	116.14%	0.346	0.402	-
LTE Band 42_Part2			1	0	Bottom Surface	0	42590	3500	24.00	23.32	116.95%	0.362	0.423	-
LTE Band 42_Part2			1	0	Bottom Surface	0	43490	3590	24.00	23.37	115.61%	0.371	0.429	069
LTE Band 42_Part2			50	50	Bottom Surface	0	41690	3410	23.00	22.97	100.69%	0.331	0.333	-
LTE Band 42_Part2			1	0	Bottom Surface*	0	43490	3590	24.00	23.37	115.61%	0.342	0.395	-
LTE Band 43	20MHz	QPSK	1	0	Bottom Surface	0	41690	3410	24.00	23.97	100.69%	0.325	0.327	-
LTE Band 43			1	0	Bottom Surface	0	42590	3500	24.00	23.98	100.46%	0.372	0.374	071
LTE Band 43			1	0	Bottom Surface	0	43490	3590	24.00	23.88	102.80%	0.353	0.363	-
LTE Band 43			50	25	Bottom Surface	0	41690	3410	23.00	22.69	107.40%	0.294	0.316	-
LTE Band 43			1	0	Bottom Surface*	0	42590	3500	24.00	23.98	100.46%	0.355	0.357	-
LTE Band 48	20MHz	QPSK	1	0	Bottom Surface	0	55340	3560	22.00	21.42	114.29%	0.183	0.209	072
LTE Band 48			1	0	Bottom Surface	0	55830	3609	22.00	21.37	115.61%	0.162	0.187	-
LTE Band 48			1	0	Bottom Surface	0	56150	3641	22.00	21.29	117.76%	0.157	0.185	-
LTE Band 48			1	0	Bottom Surface	0	56640	3690	22.00	21.31	117.22%	0.163	0.191	-
LTE Band 48			50	25	Bottom Surface	0	55830	3609	21.00	20.98	100.46%	0.144	0.145	-
LTE Band 48			1	0	Bottom Surface*	0	55340	3560	22.00	21.42	114.29%	0.177	0.202	-
ULCA_48C_Spot-check			1	99	Bottom Surface***	0	55340	3560	22.00	21.35	116.14%	0.171	0.199	-

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Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
NR n2	40MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	374000	1870	23.00	22.57	110.41%	0.472	0.521	-
NR n2			1	1	Bottom Surface	0	376000	1880	23.00	22.68	107.65%	0.508	0.547	073
NR n2			1	1	Bottom Surface	0	378000	1890	23.00	22.61	109.40%	0.491	0.537	-
NR n2			108	0	Bottom Surface	0	378000	1890	22.50	22.46	100.93%	0.423	0.427	-
NR n2			1	1	Bottom Surface*	0	376000	1880	23.00	22.68	107.65%	0.454	0.489	-
NR n7	50MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	505000	2525	24.00	23.45	113.50%	0.337	0.382	-
NR n7			1	1	Bottom Surface	0	507000	2535	24.00	23.52	111.69%	0.364	0.407	074
NR n7			135	0	Bottom Surface	0	509000	2545	23.50	23.48	100.46%	0.310	0.311	-
NR n7			1	1	Bottom Surface*	0	507000	2535	24.00	23.52	111.69%	0.333	0.372	-
NR n25	40MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	374000	1870	23.50	22.93	114.02%	0.526	0.600	-
NR n25			1	1	Bottom Surface	0	376500	1882.5	23.50	23.03	111.43%	0.513	0.572	-
NR n25			1	1	Bottom Surface	0	379000	1895	23.50	23.09	109.90%	0.548	0.602	075
NR n25			108	0	Bottom Surface	0	379000	1895	23.00	22.94	101.39%	0.526	0.533	-
NR n25			1	1	Bottom Surface*	0	379000	1895	23.50	23.09	109.90%	0.517	0.568	-
NR n30	10MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	462000	2310	23.00	22.74	106.17%	0.376	0.399	076
NR n30			25	13	Bottom Surface	0	462000	2310	23.00	22.43	114.02%	0.343	0.391	-
NR n30			1	1	Bottom Surface*	0	462000	2310	23.00	22.74	106.17%	0.345	0.366	-
NR n66	45MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	346500	1732.5	24.00	22.93	127.94%	0.598	0.765	-
NR n66			1	1	Bottom Surface	0	349000	1745	24.00	22.95	127.35%	0.619	0.788	077
NR n66			120	0	Bottom Surface	0	349000	1745	23.50	22.87	115.61%	0.577	0.667	-
NR n66			1	1	Bottom Surface*	0	349000	1745	24.00	22.95	127.35%	0.588	0.749	-
NR n38	40MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	518004	2590.02	24.00	23.62	109.14%	0.216	0.236	-
NR n38			1	1	Bottom Surface	0	519000	2595	24.00	23.63	108.89%	0.237	0.258	078
NR n38			1	1	Bottom Surface	0	519996	2599.98	24.00	23.57	110.41%	0.222	0.245	-
NR n38			50	28	Bottom Surface	0	518004	2590.02	24.00	23.50	112.20%	0.209	0.235	-
NR n38			1	1	Bottom Surface*	0	519000	2595	24.00	23.63	108.89%	0.217	0.236	-
NR n41_PC3	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	24.00	23.41	114.55%	0.375	0.430	079
NR n41_PC3			1	1	Bottom Surface	0	518598	2592.99	24.00	23.33	116.68%	0.315	0.368	-
NR n41_PC3			135	0	Bottom Surface	0	518598	2592.99	23.50	23.40	102.33%	0.365	0.374	-
NR n41_PC3			1	1	Bottom Surface*	0	509202	2546.01	24.00	23.41	114.55%	0.345	0.395	-
NR n41_PC2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	24.00	23.99	100.23%	0.390	0.391	080
NR n41_PC2			1	1	Bottom Surface	0	518598	2592.99	24.00	23.95	101.16%	0.364	0.368	-
NR n41_PC2			1	137	Bottom Surface	0	528000	2640	24.00	23.89	102.57%	0.371	0.381	-
NR n41_PC2			135	69	Bottom Surface	0	509202	2546.01	24.00	23.94	101.39%	0.343	0.348	-
NR n41_PC2			1	1	Bottom Surface*	0	509202	2546.01	24.00	23.99	100.23%	0.375	0.376	-
NR n48	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	640000	3600	22.00	21.56	110.66%	0.312	0.345	-
NR n48			1	137	Bottom Surface	0	641668	3625.02	22.00	21.56	110.66%	0.306	0.339	-
NR n48			1	1	Bottom Surface	0	643332	3649.98	22.00	21.67	107.89%	0.322	0.347	081
NR n48			135	69	Bottom Surface	0	643332	3649.98	22.00	21.65	108.39%	0.294	0.319	-
NR n48			1	1	Bottom Surface*	0	643332	3649.98	22.00	21.67	107.89%	0.278	0.300	-
NR n77_PC3_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	23.00	22.98	100.46%	0.271	0.272	082
NR n77_PC3_FCC			1	1	Bottom Surface	0	653000	3795	23.00	22.95	101.16%	0.248	0.251	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	656000	3840	23.00	22.97	100.69%	0.268	0.270	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	659000	3885	23.00	22.94	101.39%	0.241	0.244	-
NR n77_PC3_FCC			1	1	Bottom Surface	0	662000	3930	23.00	22.96	100.93%	0.250	0.252	-
NR n77_PC3_FCC			135	69	Bottom Surface	0	659000	3885	23.00	22.48	112.72%	0.255	0.287	-
NR n77_PC3_FCC			1	1	Bottom Surface*	0	650000	3750	23.00	22.98	100.46%	0.260	0.261	-
NR n77_PC2_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	23.00	22.89	102.57%	0.337	0.346	083
NR n77_PC2_FCC			1	137	Bottom Surface	0	653000	3795	23.00	22.81	104.47%	0.313	0.327	-
NR n77_PC2_FCC			1	137	Bottom Surface	0	656000	3840	23.00	22.79	104.95%	0.321	0.337	-
NR n77_PC2_FCC			1	1	Bottom Surface	0	659000	3885	23.00	22.76	105.68%	0.303	0.320	-
NR n77_PC2_FCC			1	137	Bottom Surface	0	662000	3930	23.00	22.83	103.99%	0.294	0.306	-
NR n77_PC2_FCC			135	0	Bottom Surface	0	650000	3750	22.50	22.47	100.69%	0.262	0.264	-
NR n77_PC2_FCC			135	69	Bottom Surface	0	656000	3840	23.00	22.47	112.98%	0.243	0.275	-
NR n77_PC2_FCC			1	1	Bottom Surface*	0	650000	3750	23.00	22.89	102.57%	0.298	0.306	-
NR n77 & n78_PC3_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	633333	3499.995	23.00	22.68	107.65%	0.220	0.237	084
NR n77 & n78_PC3_FCC			135	69	Bottom Surface	0	633333	3499.995	23.00	22.54	111.17%	0.196	0.218	-
NR n77 & n78_PC3_FCC			1	1	Bottom Surface*	0	633333	3499.995	23.00	22.68	107.65%	0.188	0.202	-
NR n77 & n78_PC2_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	633333	3499.995	23.00	22.98	100.46%	0.245	0.246	085
NR n77 & n78_PC2_FCC			135	69	Bottom Surface	0	633333	3499.995	23.00	22.81	104.47%	0.212	0.221	-
NR n77 & n78_PC2_FCC			1	1	Bottom Surface*	0	633333	3499.995	23.00	22.98	100.46%	0.222	0.223	-
NR n78_PC3_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	645000	3750	23.00	22.63	108.89%	0.261	0.284	088
NR n78_PC3_FCC			135	69	Bottom Surface	0	645000	3750	23.00	22.46	113.24%	0.220	0.249	-
NR n78_PC3_FCC			1	1	Bottom Surface*	0	645000	3750	23.00	22.63	108.89%	0.222	0.242	-
NR n78_PC2_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	23.00	22.56	110.66%	0.311	0.344	089
NR n78_PC2_FCC			135	69	Bottom Surface	0	650000	3750	23.00	22.48	112.72%	0.283	0.319	-
NR n78_PC2_FCC			1	1	Bottom Surface*	0	650000	3750	23.00	22.56	110.66%	0.276	0.305	-

Note: * - Spot Check Vendor 2
** - repeated at the highest SAR measurement according to the KDB 865664 D01
*** - Spot Check ULCA

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

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6.3 Reporting statements of conformity

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

6.4 Conclusion

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

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7 SIMULTANEOUS TRANSMISSION ANALYSIS

7.1 Simultaneous Transmission Scenarios:

Simultaneous Transmission configurations
WWAN Ant5 + WLAN
WWAN Ant8 + WLAN
NR UL-MIMO + WLAN

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7.2 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:

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

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.

7.3 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 **(SAR1 + SAR2)^1.5/Ri**, 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 Ri is the separation distance between the peak SAR locations for the antenna pair in mm.

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

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Simultaneous Transmission Combination

SISO

Exposure Position		Reported SAR & Exposure Ratio			Scenario 1	Scenario 2
		0	1	2	0+2	1+2
		Maximum WWAN Ant5	Maximum WWAN Ant8	Maximum WLAN	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	ER	TER<1	TER<1
Bottom Surface	0	1.181	1.118	0.145	**0.883**	**0.844**

ULMIMO

	Exposure Position		Reported SAR & Exposure Ratio			Scenario 3
			0	1	2	0+1+2
			UL-MIMO WWAN Ant5	UL-MIMO WWAN Ant8	Maximum WLAN	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	ER	TER<1
NR n41_PC3_ULMIMO	Bottom Surface	0	0.404	0.430	0.145	**0.666**
NR n41_PC2_ULMIMO	Bottom Surface	0	0.407	0.391	0.145	**0.644**
NR n77_PC3_FCC_ULMIMO	Bottom Surface	0	0.865	0.272	0.145	**0.856**
NR n77_PC2_FCC_ULMIMO	Bottom Surface	0	0.983	0.346	0.145	**0.976**
NR n77 & n78_PC3_ FCC_ULMIMO	Bottom Surface	0	0.591	0.237	0.145	**0.663**
NR n77 & n78_PC2_ FCC_ULMIMO	Bottom Surface	0	1.059	0.246	0.145	**0.961**
NR n78_PC3_ FCC_ULMIMO	Bottom Surface	0	0.883	0.284	0.145	**0.874**
NR n78_PC2_ FCC_ULMIMO	Bottom Surface	0	0.939	0.344	0.145	**0.947**

7.4 Conclusion

The simultaneous transmission is compliant because both SAR sum and/or SPLSR are less than their corresponding criteria.

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8 FCC MPE EVALUATION

8.1FCC MPE limit

Limits for Maximum Permissive Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm^2)	Averaging Time (minute)
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
300-1500	/	/	f/1500	30
1500-100000	/	/	1.0	30

f = frequency in MHz

* = Plane-wave equipment power density

Prediction of MPE limit at a given distance

$S=PG/4\pi R^2$

Where: S = Power density

P = Power input to antenna

G = Power gain of the antenna in the direction of interest relative to an isotropic radiator

R = Distance to the center of radiation of the antenna

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8.2 Power density calculation (Worst Case)

Operation Mode	Evaluation Frequency (MHz)	Operation Distance (cm)	Max.Output Power Include Tolerance (dBm)	Antenna Gain (dBi)	Max. EIRP (mW)	Power Density (PD) (mW/cm^2)	Limit (mW/cm^2)	Pass / Fail	Power Density / Limit	Collocated MPE							
										1	2	3	4	5	6	7	8
WiFI 2.4GHz_Tx1	2412.00	20	22.5	2.18	293.76	0.0585	1.000	Pass	0.058			V		V			
Bluetooth_Tx1	2402.00	20	11.5	2.18	23.33	0.005	1.000	Pass	0.005	V	V						
WiFi 5GHz_Tx1	5180.00	20	22.5	2.99	354.00	0.070	1.000	Pass	0.070	V			V			V	
WiFi 6GHz_Tx1	7125.00	20	21.5	2.74	265.46	0.053	1.000	Pass	0.053		V				V		V
WiFI 2.4GHz_Tx2	2412.00	20	22.5	2.93	349.14	0.069	1.000	Pass	0.069				V		V		
WiFi 5GHz_Tx2	5180.00	20	22.5	2.95	350.75	0.070	1.000	Pass	0.070	V		V					V
WiFi 6GHz_Tx2	7125.00	20	21.5	2.86	272.90	0.054	1.000	Pass	0.054		V			V		V	

Note:
For conservativeness, the lowest uplink frequency of each band is used to determine the MPE limit of that band.

Simultaneous transmission modes		Σ (Power Density / Limit)	Criteria
1	WLAN 5GHz Tx1 + WLAN 5GHz Tx2 + BT Tx1	0.145	1
2	WLAN 6GHz Tx1 + WLAN 6GHz Tx2 + BT Tx1	0.112	1
3	WLAN 2.4GHz Tx1 + WLAN 5GHz Tx2	0.128	1
4	WLAN 2.4GHz Tx2 + WLAN 5GHz Tx1	0.140	1
5	WLAN 2.4GHz Tx1 + WLAN 6GHz Tx2	0.113	1
6	WLAN 2.4GHz Tx2 + WLAN 6GHz Tx1	0.122	1
7	WLAN 5GHz Tx1 + WLAN 6GHz Tx2	0.125	1
8	WLAN 5GHz Tx2 + WLAN 6GHz Tx1	0.123	1

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9 INSTRUMENTS LIST

Equipment List					
Manufacturer	**Device**	**Type**	**Serial number**	**Date of last calibration**	**Date of next calibration**
SPEAG	Data acquisition Electronics	DAE4	1665	Mar/02/2026	Mar/01/2027
SPEAG	Dosimetric E-Field Probe	EX3DV4	7823	Jul/29/2025	Jul/28/2026
SPEAG	System Validation Dipole	D750V3	1015	Sep/26/2025	Sep/25/2028
SPEAG	System Validation Dipole	D835V2	4d063	Sep/09/2025	Sep/08/2028
SPEAG	System Validation Dipole	D1750V2	1008	Sep/28/2025	Sep/27/2028
SPEAG	System Validation Dipole	D1900V2	5d173	Apr/16/2025	Apr/15/2028
SPEAG	System Validation Dipole	D2300V2	1023	Sep/28/2025	Sep/27/2028
SPEAG	System Validation Dipole	D2600V2	1005	Jan/14/2025	Jan/13/2028
SPEAG	System Validation Dipole	D3500V2	1009	Sep/26/2025	Sep/25/2028
SPEAG	System Validation Dipole	D3700V2	1057	Nov/18/2025	Nov/17/2028
SPEAG	System Validation Dipole	D3900V2	1032	Nov/17/2025	Nov/16/2028
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/19/2026	Feb/18/2027
Keysight	EXA Signal Analyzer	N9010B	MY60242392	Dec/24/2025	Dec/23/2026
R&S	MXG Analog Signal Generator	SMB100A03	182012	Aug/09/2025	Aug/08/2026
Agilent	Dual-directional coupler	772D	MY52180142	Nov/13/2025	Nov/12/2026
Agilent	Dual-directional coupler	778D	MY52180302	Nov/13/2025	Nov/12/2026
EMCI	Amplifier	ZHL-42	980189	Calibration not required	Calibration not required
EMCI	Amplifier	ZVE-8G	980190	Calibration not required	Calibration not required
R&S	Power Sensor	NRP18S	101974	Nov/26/2025	Nov/25/2026
R&S	Power Sensor	NRP18S	109066	Nov/03/2025	Nov/02/2026
R&S	Power Meter	NRX	105651	Nov/26/2025	Nov/25/2026
SPEAG	Software	DASY 52 V52.10.4.1527	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
LKM	Digital thermometer	DTM3000	3896	Jan/09/2026	Jan/08/2027
TECPEL	Digital thermometer	DTM-303A	TP130077	Oct/03/2025	Oct/02/2026

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10 UNCERTAINTY BUDGET

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

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	3.18%	N	1	1	0.64	0.43	2.04%	1.37%	M
Liquid Conductivity (mea.)	3.71%	N	1	1	0.6	0.49	2.23%	1.82%	M
Combined standard uncertainty		RSS					12.10%	11.93%	
Expant uncertainty (95% confidence interval), K=2							24.20%	23.85%	

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Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	2.89%	N	1	1	0.64	0.43	1.85%	1.24%	M
Liquid Conductivity (mea.)	3.04%	N	1	1	0.6	0.49	1.82%	1.49%	M
Combined standard uncertainty		RSS					11.71%	11.57%	
Expant uncertainty (95% confidence interval), K=2							23.42%	23.14%	

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11 SAR MEASUREMENT RESULTS

Date: 2026/6/18

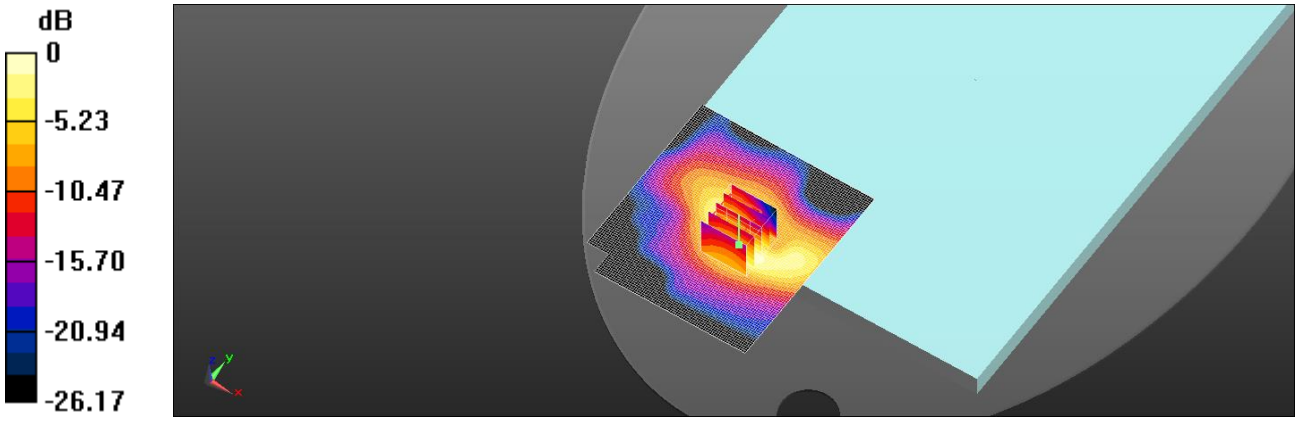
ID: 001
Report No. :TESA2605000382ES
WCDMA Band II_Body_Bottom Surface_CH 9538_0mm_Ant 5
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.388 S/m; εr = 38.873; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1907.6 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.853 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.87 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.940 W/kg
SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.312 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.1%
Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.826 W/kg = -0.83 dBW/kg

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Date: 2026/6/17

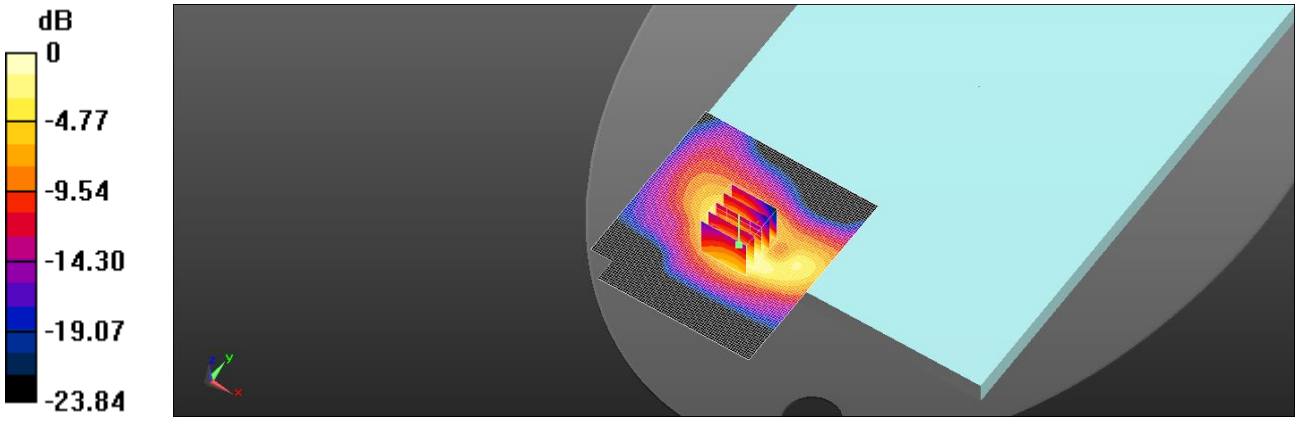
ID: 002
Report No. :TESA2605000382ES
WCDMA Band IV_Body_Bottom Surface_CH 1412_0mm_Ant 5
Communication System: WCDMA; Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.339 S/m; εr = 38.994; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.4°C; Liquid temperature: 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.78, 7.74, 6.92) @ 1732.4 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.589 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.36 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.231 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

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Date: 2026/6/16

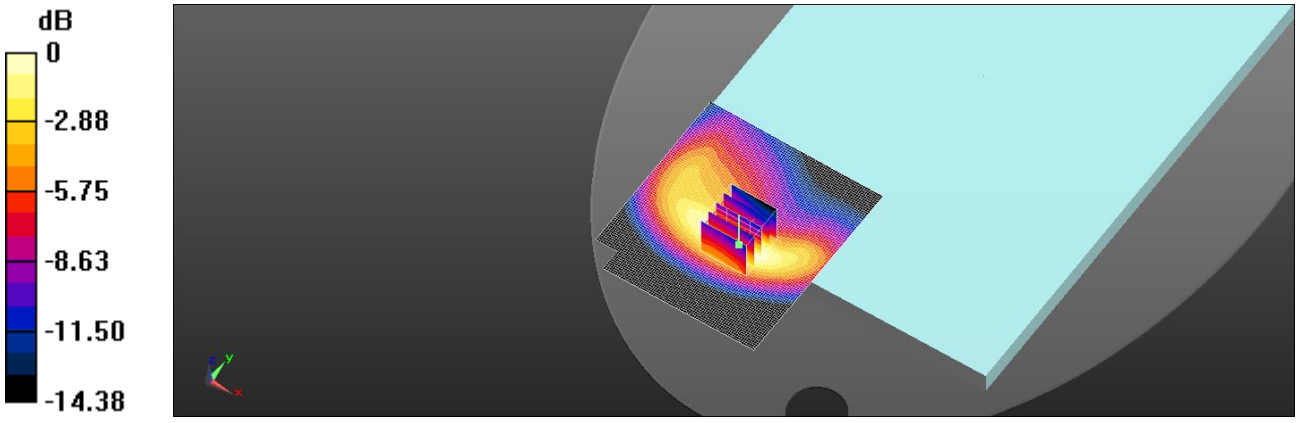
ID: 003
Report No. :TESA2605000382ES
WCDMA Band V_Body_Bottom Surface_CH 4132_0mm_Ant 5
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.873 S/m; εr = 40.429; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.3°C; Liquid temperature: 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 826.4 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.94 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.496 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 67.1%
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

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Date: 2026/6/18

ID: 004
Report No. :TESA2605000382ES
LTE Band 2 (20MHz)_Body_Bottom Surface_CH 18900_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.376 S/m; εr = 38.884; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.6°C

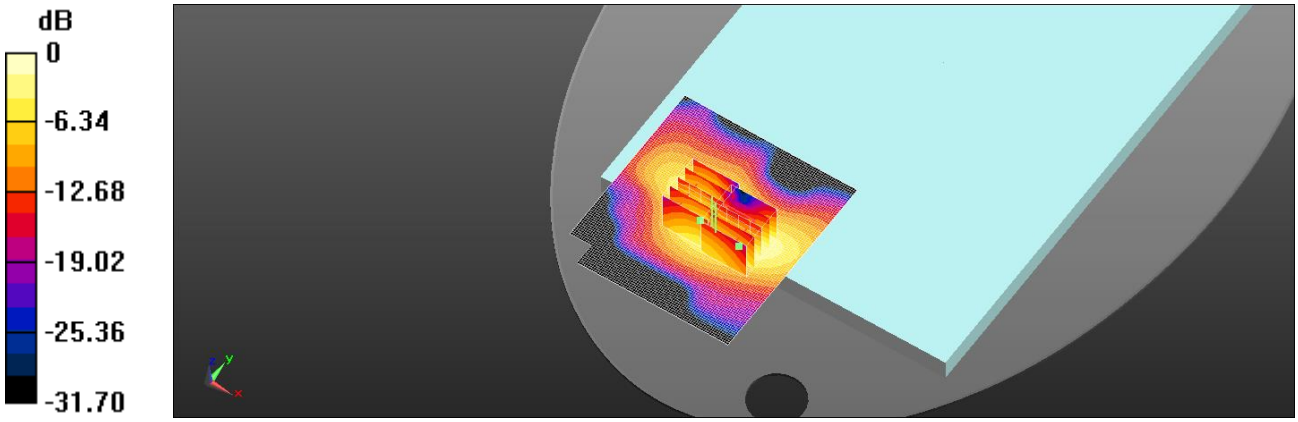
DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1880 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.854 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.82 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.325 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 59.7%
Maximum value of SAR (measured) = 0.812 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.82 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.962 W/kg
SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.244 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 59.5%
Maximum value of SAR (measured) = 0.843 W/kg



0 dB = 0.812 W/kg = -0.90 dBW/kg

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Date: 2026/6/17

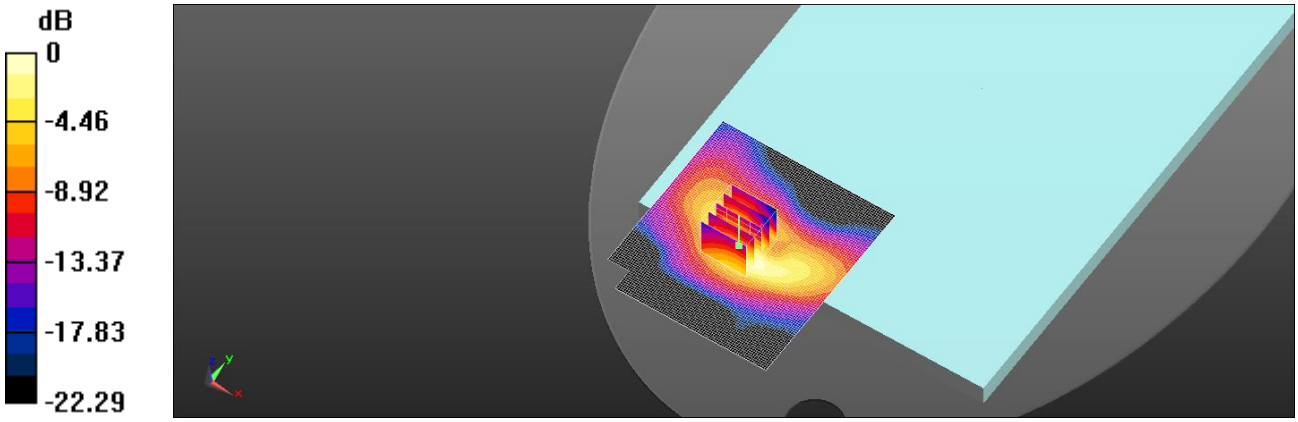
ID: 005
Report No. :TESA2605000382ES
LTE Band 4 (20MHz)_Body_Bottom Surface_CH 20050_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.338 S/m; εr = 38.998; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.4°C; Liquid temperature: 22.5°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 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.607 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.57 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.677 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.233 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 63.5%
Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.575 W/kg = -2.40 dBW/kg

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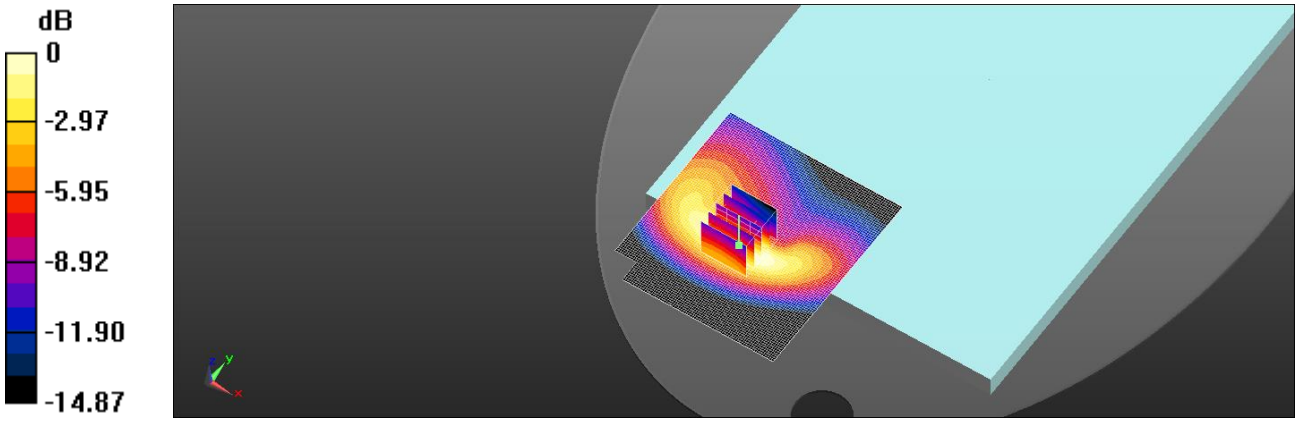
ID: 006
Report No. :TESA2605000382ES
LTE Band 5 (10MHz)_Body_Bottom Surface_CH 20450_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.874 S/m; εr = 40.41; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.3°C; Liquid temperature: 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 829 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.934 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.57 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.416 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 66.3%
Maximum value of SAR (measured) = 0.899 W/kg



0 dB = 0.899 W/kg = -0.46 dBW/kg

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Date: 2026/6/19

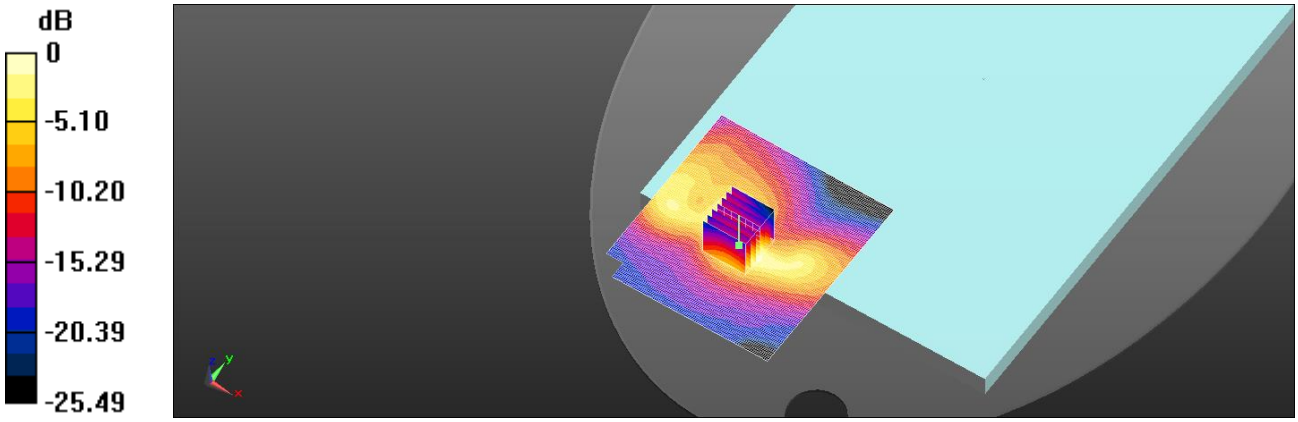
ID: 007
Report No. :TESA2605000382ES
LTE Band 7 (20MHz)_Body_Bottom Surface_CH 20850_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.842 S/m; εr = 37.996; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.6°C; Liquid temperature: 22.3°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 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.11 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.408 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 52.8%
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

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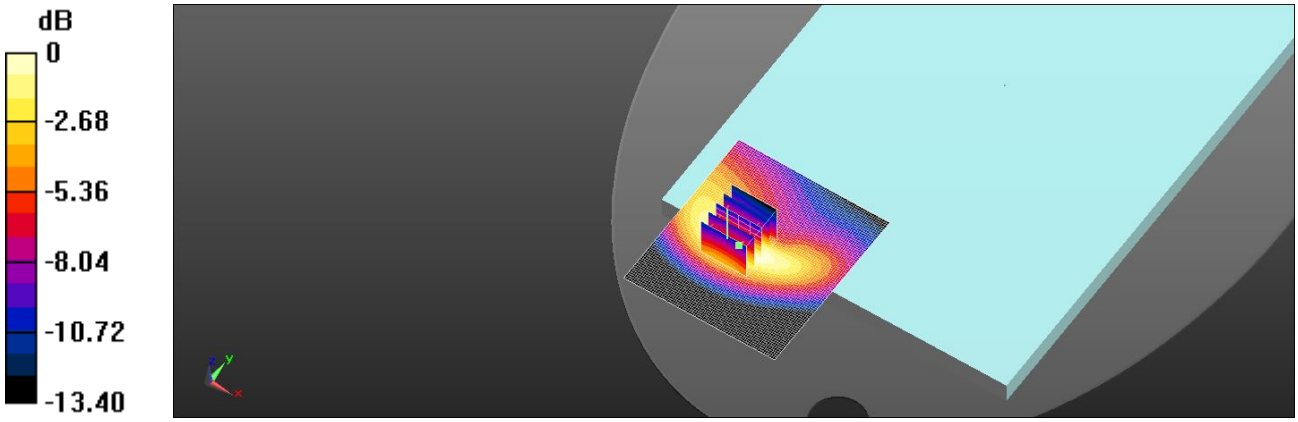
ID: 008
Report No. :TESA2605000382ES
LTE Band 12 (10MHz)_Body_Bottom Surface_CH 23130_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.87 S/m; εr = 40.985; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°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 Sn1665; Calibrated: 2026/03/02
- 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) = 0.616 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.56 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.676 W/kg
SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.270 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.1%
Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

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Date: 2026/6/15

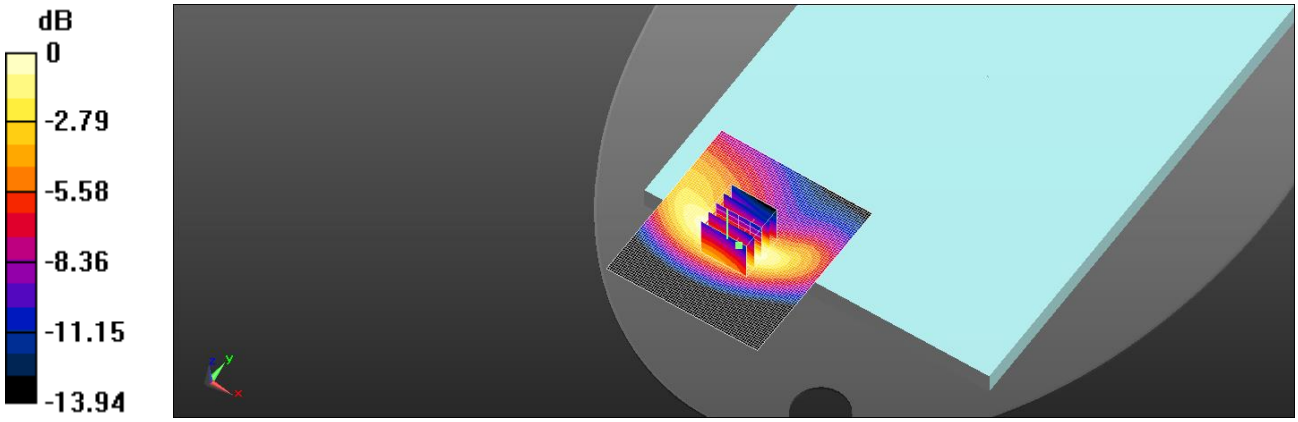
ID: 009
Report No. :TESA2605000382ES
LTE Band 13 (10MHz)_Body_Bottom Surface_CH 23230_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.872 S/m; εr = 40.625; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°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 Sn1665; Calibrated: 2026/03/02
- 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) = 0.713 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.83 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.788 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.320 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 67%
Maximum value of SAR (measured) = 0.686 W/kg



0 dB = 0.686 W/kg = -1.64 dBW/kg

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Date: 2026/6/15

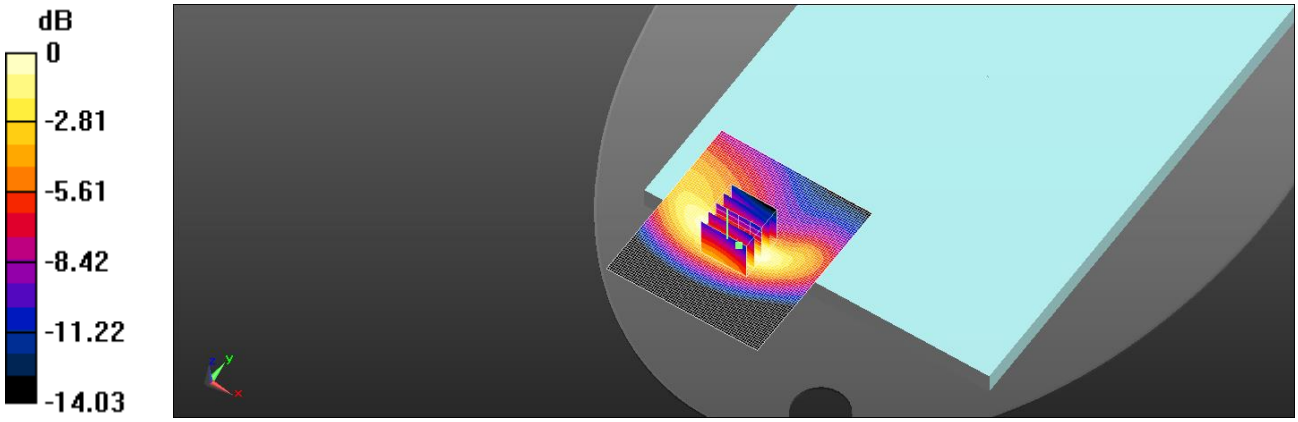
ID: 010
Report No. :TESA2605000382ES
LTE Band 14 (10MHz)_Body_Bottom Surface_CH 23330_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 0.872 S/m; εr = 40.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°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 Sn1665; Calibrated: 2026/03/02
- 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) = 0.743 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.70 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.812 W/kg
SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.349 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 67.6%
Maximum value of SAR (measured) = 0.702 W/kg



0 dB = 0.702 W/kg = -1.54 dBW/kg

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Date: 2026/6/15

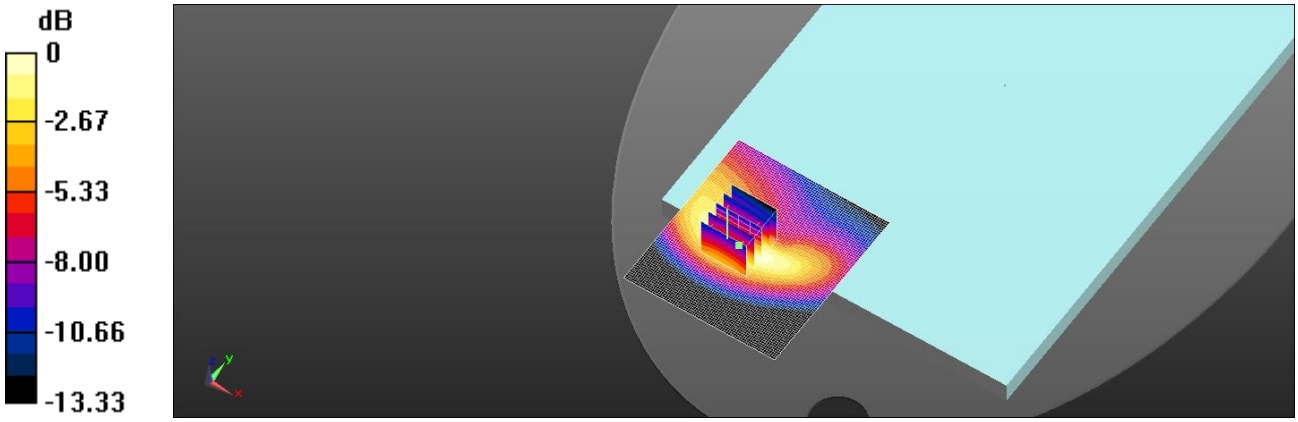
ID: 011
Report No. :TESA2605000382ES
LTE Band 17 (10MHz)_Body_Bottom Surface_CH 23800_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.87 S/m; εr = 40.985; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°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 Sn1665; Calibrated: 2026/03/02
- 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) = 0.800 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.93 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.354 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.7%
Maximum value of SAR (measured) = 0.772 W/kg



0 dB = 0.772 W/kg = -1.12 dBW/kg

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Date: 2026/6/18

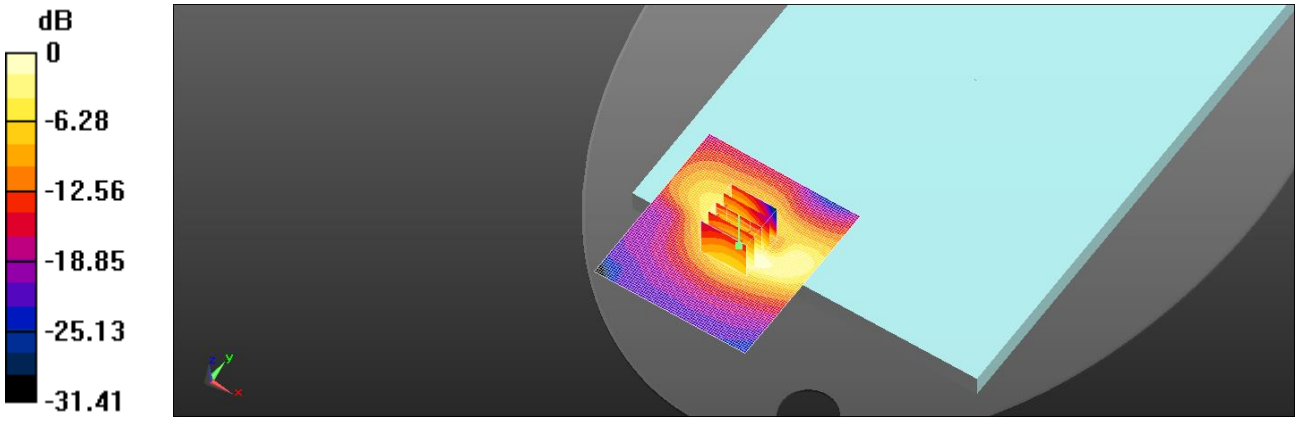
ID: 012
Report No. :TESA2605000382ES
LTE Band 25 (20MHz)_Body_Bottom Surface_CH 26365_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.377 S/m; εr = 38.884; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1882.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.947 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.79 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.999 W/kg
SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.330 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.1%
Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.884 W/kg = -0.54 dBW/kg

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Date: 2026/6/16

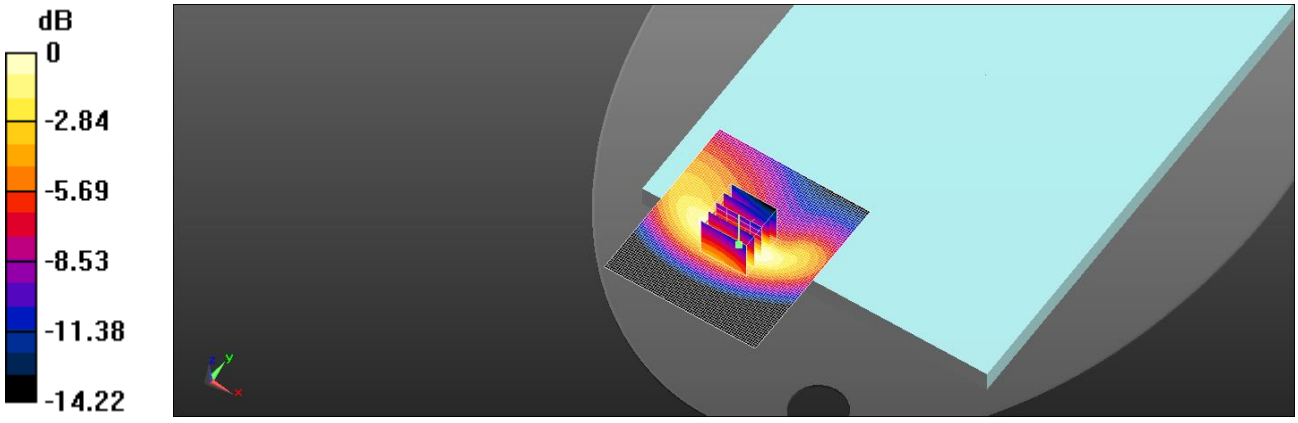
ID: 013
Report No. :TESA2605000382ES
LTE Band 26_FCC (15MHz)_Body_Bottom Surface_CH 26765_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 821.5 MHz; σ = 0.873 S/m; εr = 40.452; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.3°C; Liquid temperature: 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 821.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.935 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.30 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.412 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 68%
Maximum value of SAR (measured) = 0.859 W/kg



0 dB = 0.859 W/kg = -0.66 dBW/kg

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Date: 2026/6/18

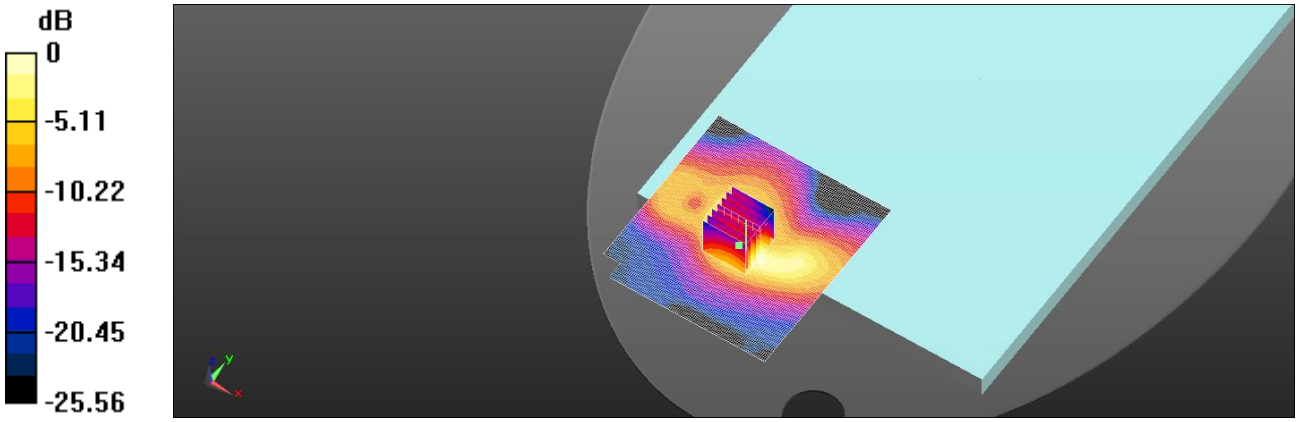
ID: 015
Report No. :TESA2605000382ES
LTE Band 30 (20MHz)_Body_Bottom Surface_CH 27710_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.664 S/m; εr = 38.361; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.6°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 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.34 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.473 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 56.4%
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

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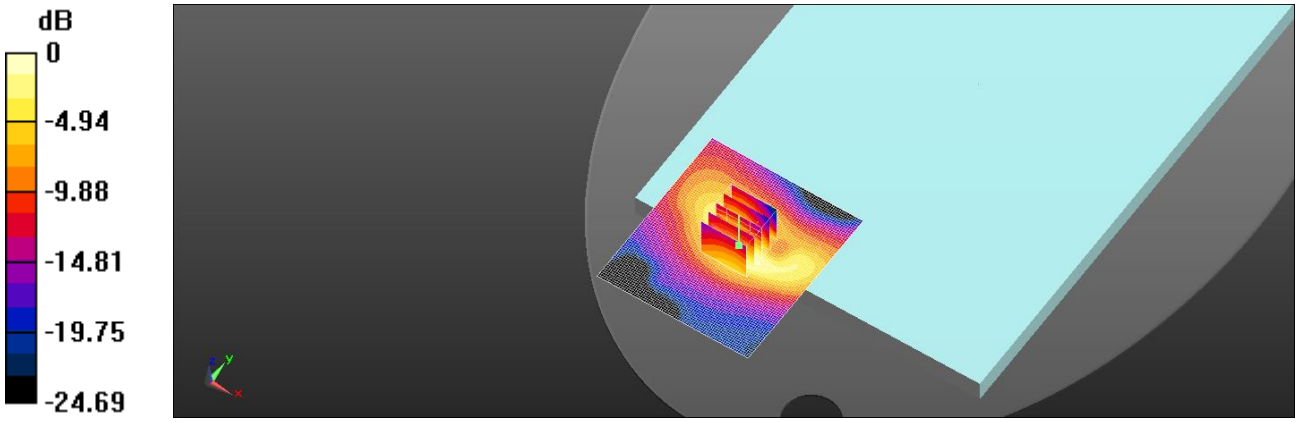
ID: 016
Report No. :TESA2605000382ES
LTE Band 66 (20MHz)_Body_Bottom Surface_CH 132072_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.338 S/m; εr = 38.998; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.4°C; Liquid temperature: 22.5°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 Sn1665; Calibrated: 2026/03/02
- 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) = 0.597 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.17 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.656 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.230 W/kg
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 0.572 W/kg



0 dB = 0.572 W/kg = -2.43 dBW/kg

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Date: 2026/6/15

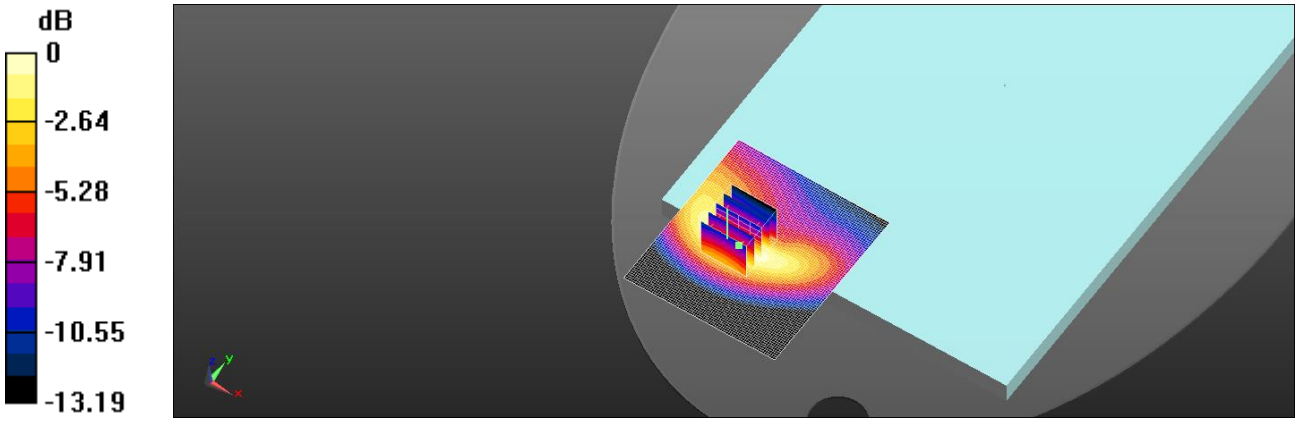
ID: 017
Report No. :TESA2605000382ES
LTE Band 71 (20MHz)_Body_Bottom Surface_CH 133222_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 673 MHz;Duty Cycle: 1:1
Medium parameters used: f = 673 MHz; σ = 0.858 S/m; εr = 41.191; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 673 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.657 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.37 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.733 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.289 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.9%
Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.640 W/kg = -1.94 dBW/kg

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Date: 2026/6/19

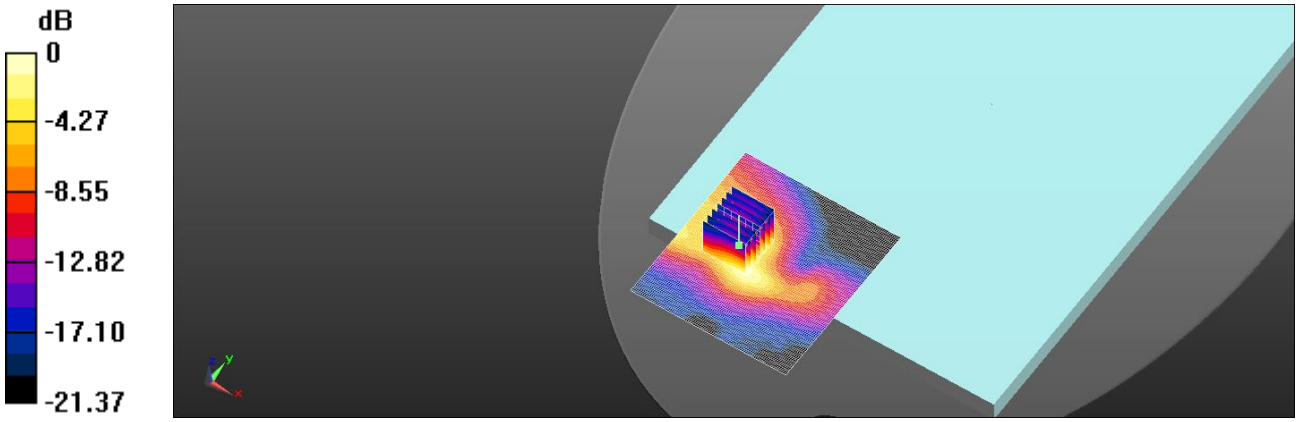
ID: 018
Report No. :TESA2605000382ES
LTE Band 38 (20MHz)_Body_Bottom Surface_CH 37850_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 2580 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 2580 MHz; σ = 1.921 S/m; εr = 37.901; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.6°C; Liquid temperature: 22.3°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 Sn1665; Calibrated: 2026/03/02
- 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) = 1.55 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.55 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.437 W/kg
Smallest distance from peaks to all points 3 dB below = 12.5 mm
Ratio of SAR at M2 to SAR at M1 = 53.9%
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

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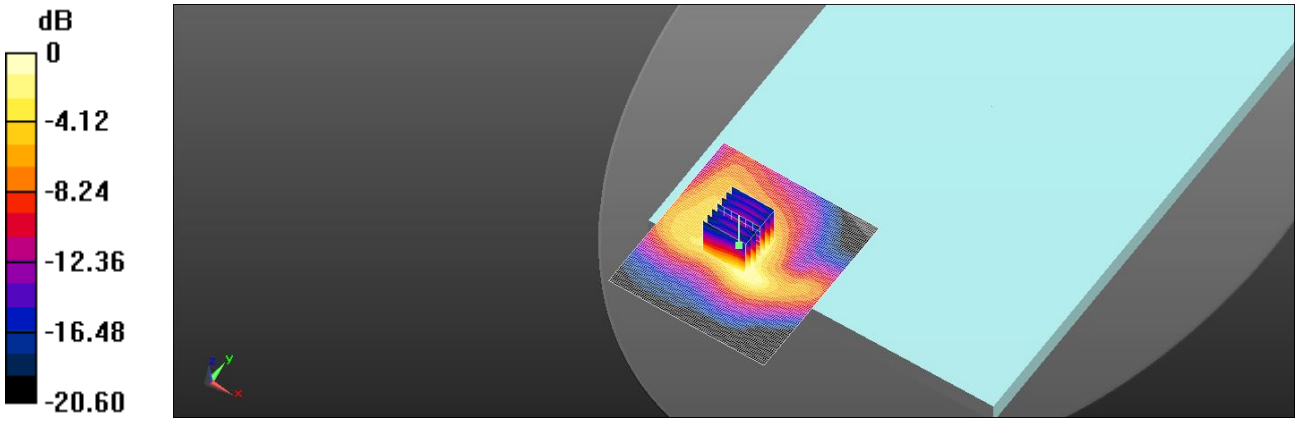
ID: 019
Report No. :TESA2605000382ES
LTE Band 41_PC3 (20MHz)_Body_Bottom Surface_CH 40620_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 2593 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 2593 MHz; σ = 1.933 S/m; εr = 37.888; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2593 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.829 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.65 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.299 W/kg
Smallest distance from peaks to all points 3 dB below = 13.3 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 0.883 W/kg



0 dB = 0.883 W/kg = -0.54 dBW/kg

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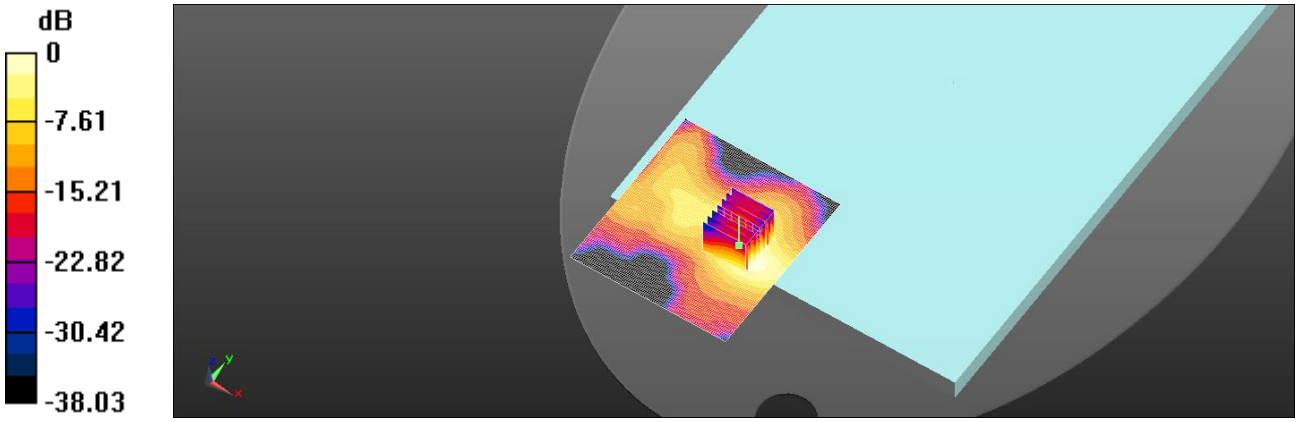
ID: 021
Report No. :TESA2605000382ES
LTE Band 42_Part1 (20MHz)_Body_Bottom Surface_CH 42590_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 3500 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 3500 MHz; σ = 2.844 S/m; εr = 36.775; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.2°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 Sn1665; Calibrated: 2026/03/02
- 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) = 1.64 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 13.40 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.382 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 50.2%
Maximum value of SAR (measured) = 1.64 W/kg



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

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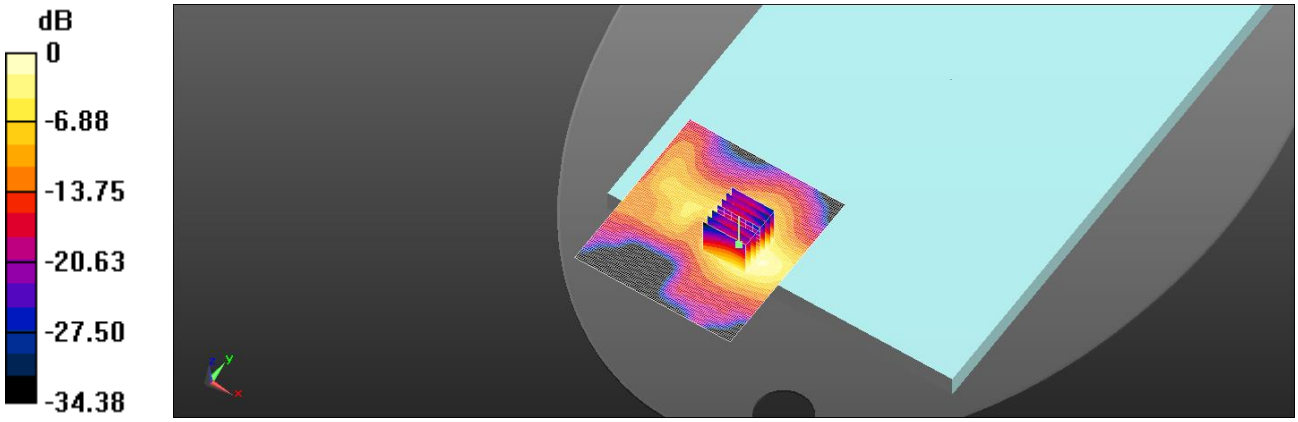
ID: 022
Report No. :TESA2605000382ES
LTE Band 42_Part2 (20MHz)_Body_Bottom Surface_CH 43490_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 3590 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 3590 MHz; σ = 2.939 S/m; εr = 36.696; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.47, 6.44, 5.76) @ 3590 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.93 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 14.05 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.436 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 49.7%
Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.89 W/kg = 2.76 dBW/kg

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Date: 2026/6/28

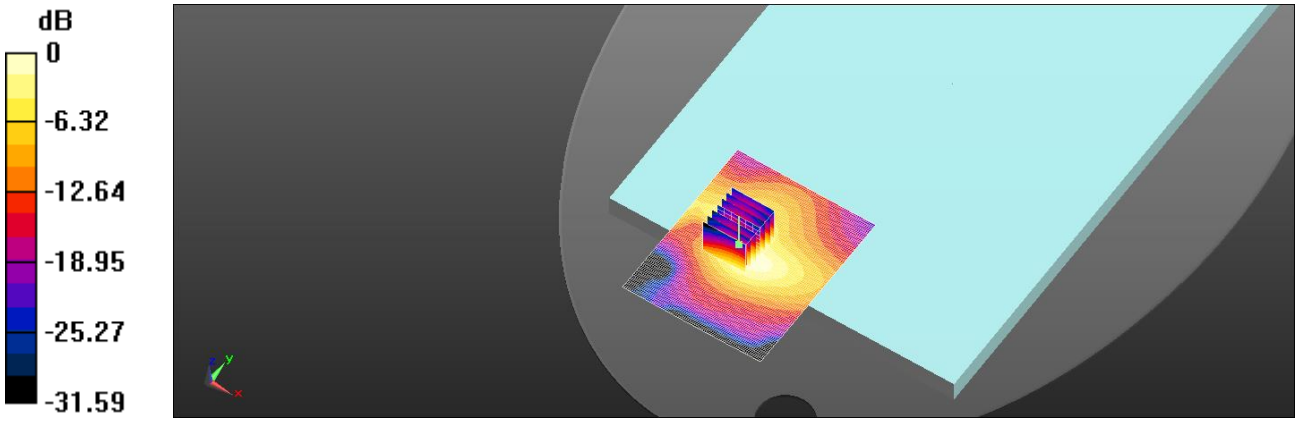
ID: 024
Report No. :TESA2605000382ES
LTE Band 43 (20MHz)_Body_Bottom Surface_CH 44240_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 3665 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 3665 MHz; σ = 3.021 S/m; εr = 36.611; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3665 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 2.01 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 17.40 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.483 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 49.9%
Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/kg

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Date: 2026/6/20

ID: 025
Report No. :TESA2605000382ES
LTE Band 48 (20MHz)_Body_Bottom Surface_CH 55340_QPSK_1-0_0mm_Ant 5
Communication System: LTE; Frequency: 3560 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 3560 MHz; σ = 2.909 S/m; εr = 36.721; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.2°C

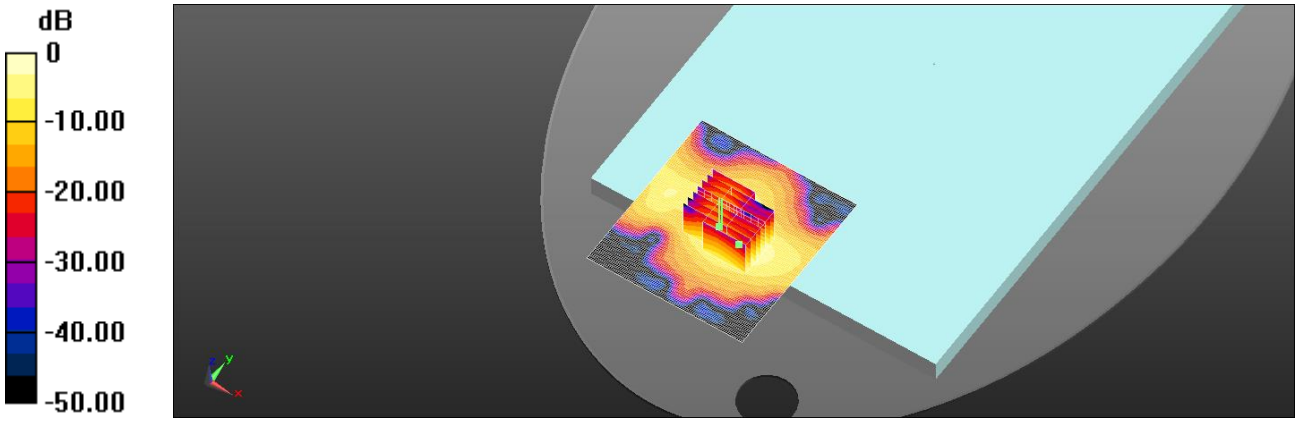
DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.47, 6.44, 5.76) @ 3560 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.884 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 12.38 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.255 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 48.8%
Maximum value of SAR (measured) = 0.873 W/kg

Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 12.38 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.212 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 49.1%
Maximum value of SAR (measured) = 0.871 W/kg



0 dB = 0.873 W/kg = -0.59 dBW/kg

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Date: 2026/6/18

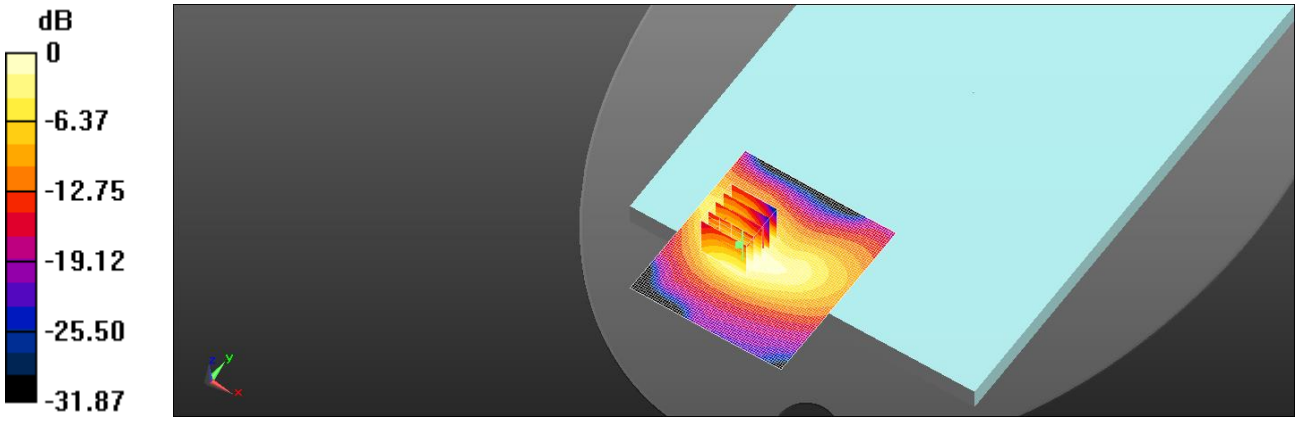
ID: 026
Report No. :TESA2605000382ES
NR n2 (40MHz)_Body_Bottom Surface_CH 374000_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 1870 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1870 MHz; σ = 1.375 S/m; εr = 38.887; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1870 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.614 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.61 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.236 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 64.2%
Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611 W/kg = -2.14 dBW/kg

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Date: 2026/6/16

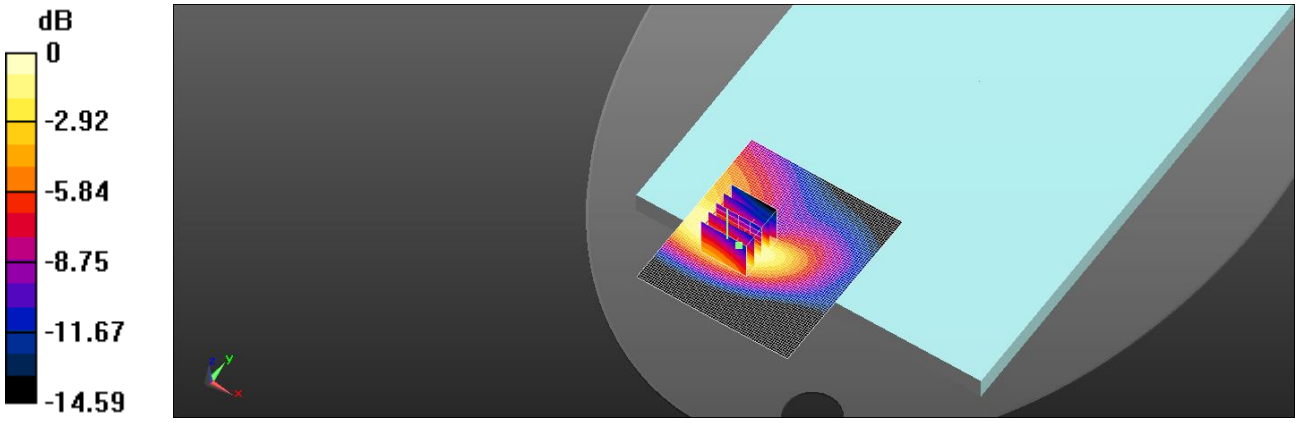
ID: 027
Report No. :TESA2605000382ES
NR n5 (20MHz)_Body_Bottom Surface_CH 167300_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.886 S/m; εr = 40.386; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.3°C; Liquid temperature: 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 836.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.740 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.49 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.874 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.349 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.1%
Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg = -1.15 dBW/kg

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Date: 2026/6/19

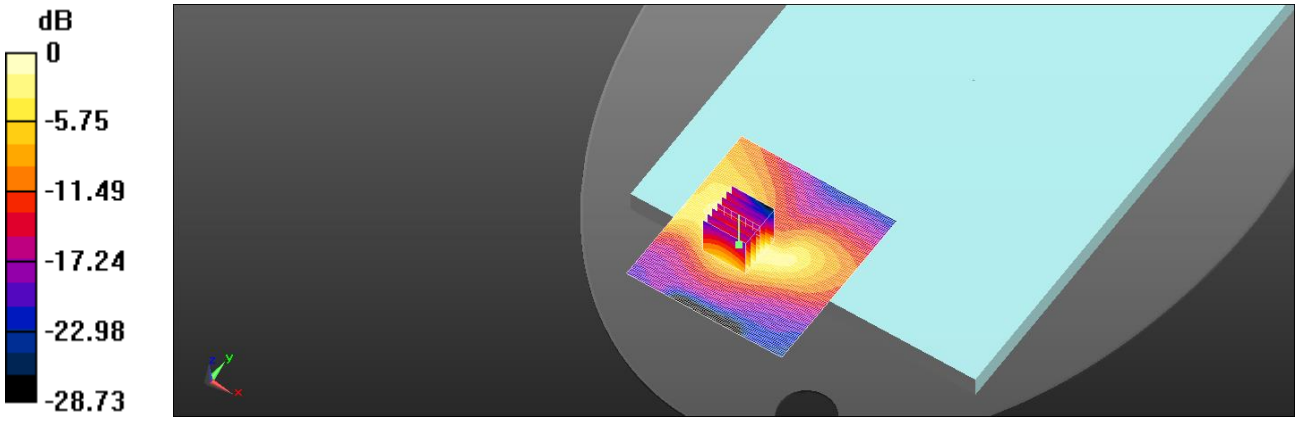
ID: 028
Report No. :TESA2605000382ES
NR n7 (50MHz)_Body_Bottom Surface_CH 509000_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 2545 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2545 MHz; σ = 1.878 S/m; εr = 37.959; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2545 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.969 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.23 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.301 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

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Date: 2026/6/15

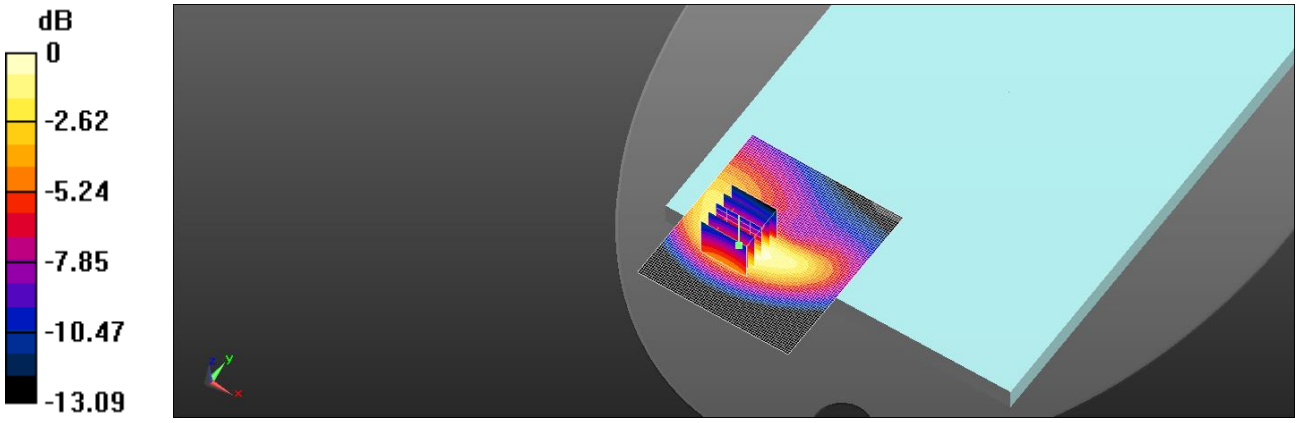
ID: 029
Report No. :TESA2605000382ES
NR n12 (15MHz)_Body_Bottom Surface_CH 141700_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 708.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 708.5 MHz; σ = 0.867 S/m; εr = 41.001; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.66, 9.61, 8.59) @ 708.5 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.727 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.76 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.920 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.354 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 65.7%
Maximum value of SAR (measured) = 0.779 W/kg



0 dB = 0.779 W/kg = -1.08 dBW/kg

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Date: 2026/6/15

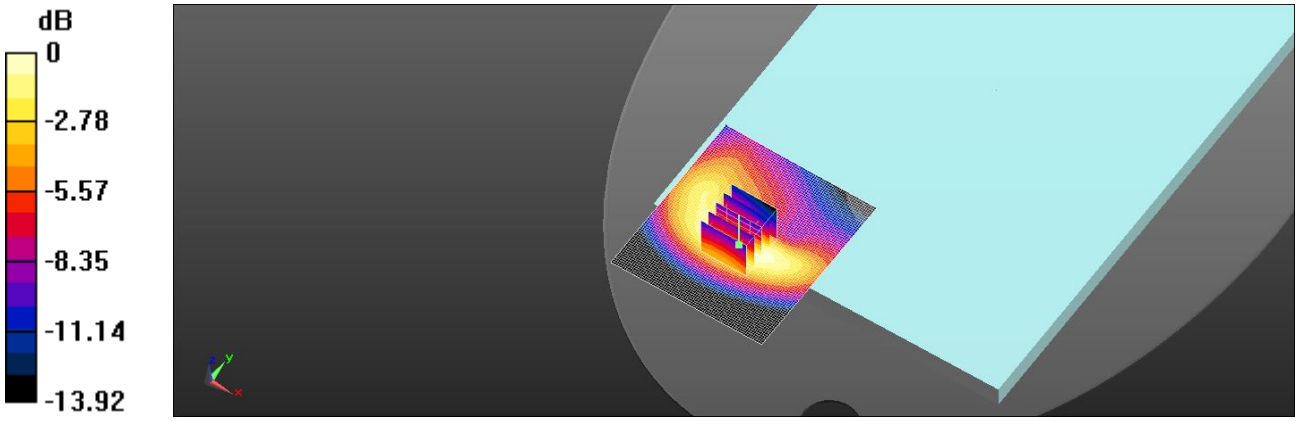
ID: 030
Report No. :TESA2605000382ES
NR n13 (10MHz)_Body_Bottom Surface_CH 156400_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.872 S/m; εr = 40.625; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°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 Sn1665; Calibrated: 2026/03/02
- 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) = 0.582 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.36 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.693 W/kg
SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.290 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 66.7%
Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

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Date: 2026/6/15

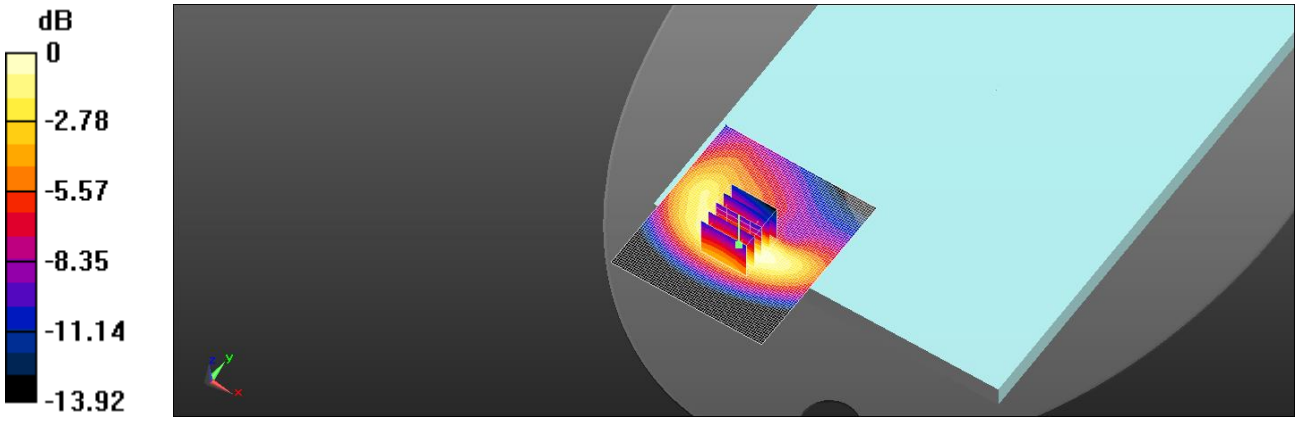
ID: 031
Report No. :TESA2605000382ES
NR n14 (10MHz)_Body_Bottom Surface_CH 158600_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 0.872 S/m; εr = 40.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°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 Sn1665; Calibrated: 2026/03/02
- 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) = 0.623 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.91 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.734 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.307 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 66.6%
Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

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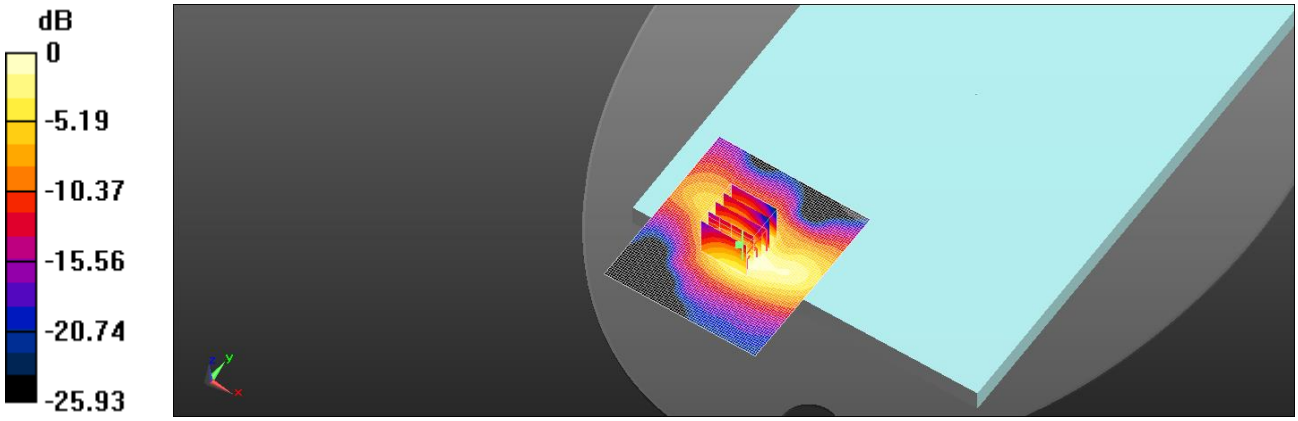
ID: 032
Report No. :TESA2605000382ES
NR n25 (40MHz)_Body_Bottom Surface_CH 379000_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 1895 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1895 MHz; σ = 1.38 S/m; εr = 38.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(7.61, 7.58, 6.77) @ 1895 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.613 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.12 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.777 W/kg
SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.247 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 64.1%
Maximum value of SAR (measured) = 0.652 W/kg



0 dB = 0.652 W/kg = -1.86 dBW/kg

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Date: 2026/6/16

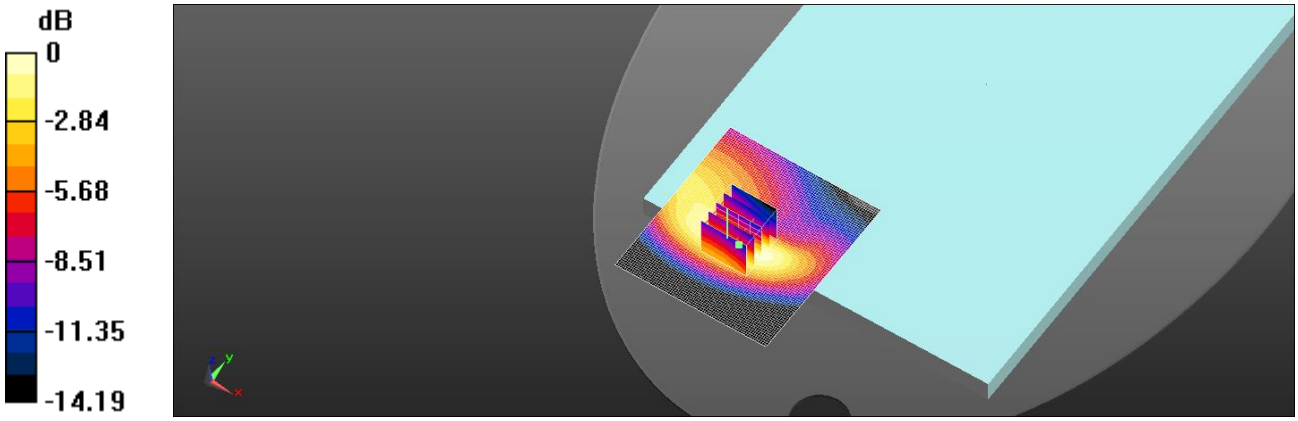
ID: 033
Report No. :TESA2605000382ES
NR n26 (30MHz)_Body_Bottom Surface_CH 165800_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.874 S/m; εr = 40.41; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.3°C; Liquid temperature: 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(9.56, 9.52, 8.51) @ 829 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.678 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.46 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.332 W/kg
Smallest distance from peaks to all points 3 dB below = 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 68.4%
Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.696 W/kg = -1.57 dBW/kg

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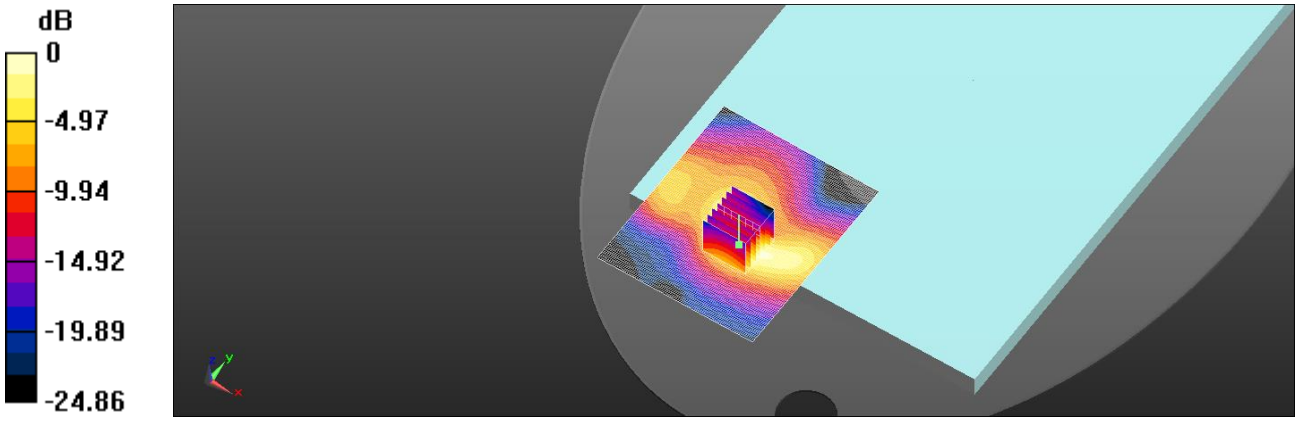
ID: 034
Report No. :TESA2605000382ES
NR n30 (10MHz)_Body_Bottom Surface_CH 462000_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.664 S/m; εr = 38.361; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.7°C; Liquid temperature: 22.6°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 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.31 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.523 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 56.9%
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

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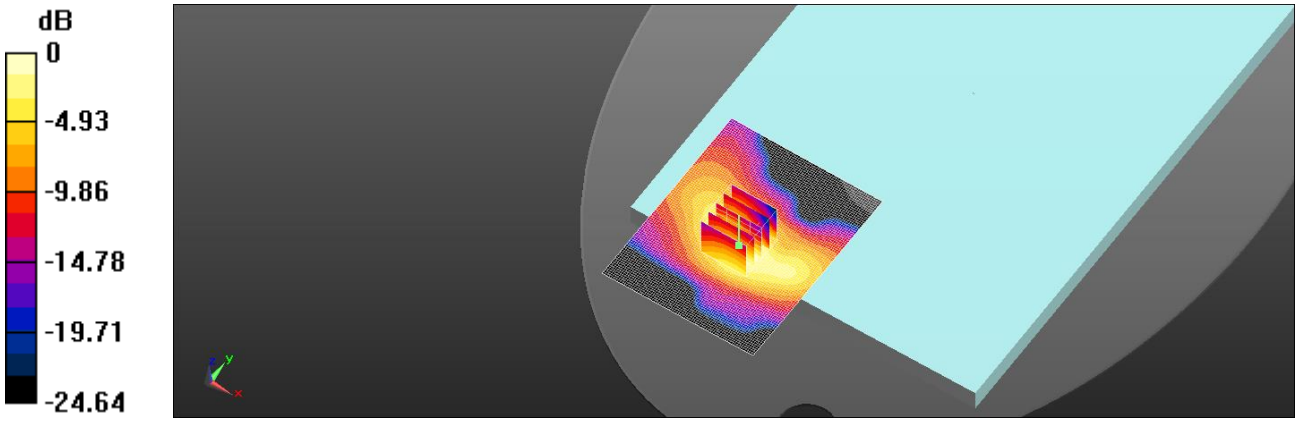
ID: 035
Report No. :TESA2605000382ES
NR n66 (45MHz)_Body_Bottom Surface_CH 346500_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.343 S/m; εr = 38.991; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.4°C; Liquid temperature: 22.5°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 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.444 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.27 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.179 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 62.1%
Maximum value of SAR (measured) = 0.447 W/kg



0 dB = 0.447 W/kg = -3.50 dBW/kg

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Date: 2026/6/15

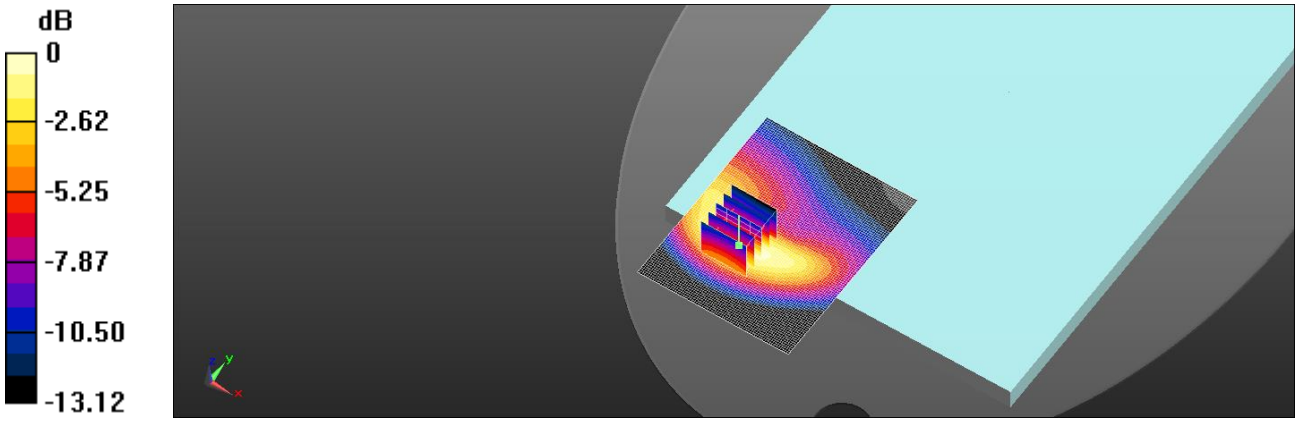
ID: 036
Report No. :TESA2605000382ES
NR n71 (20MHz)_Body_Bottom Surface_CH 136100_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 680.5 MHz; σ = 0.86 S/m; εr = 41.154; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.4°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 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.606 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.86 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.773 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.295 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 65.1%
Maximum value of SAR (measured) = 0.651 W/kg



0 dB = 0.651 W/kg = -1.86 dBW/kg

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Date: 2026/6/19

ID: 037
Report No. :TESA2605000382ES
NR n38 (40MHz)_Body_Bottom Surface_CH 519996_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 2599.98 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2599.98 MHz; σ = 1.938 S/m; εr = 37.883; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.6°C; Liquid temperature: 22.3°C

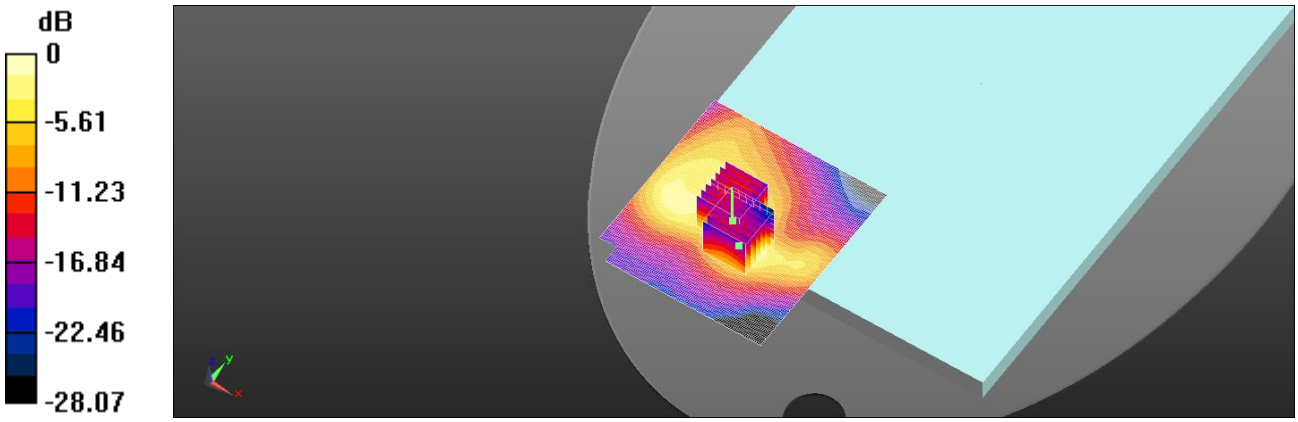
DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2599.98 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.47 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.553 W/kg
Smallest distance from peaks to all points 3 dB below = 12.1 mm
Ratio of SAR at M2 to SAR at M1 = 54.7%
Maximum value of SAR (measured) = 1.54 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.47 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.500 W/kg
Smallest distance from peaks to all points 3 dB below = 13 mm
Ratio of SAR at M2 to SAR at M1 = 54.7%
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

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Date: 2026/6/19

ID: 038
Report No. :TESA2605000382ES
NR n41_PC3 (100MHz)_Body_Bottom Surface_CH 518598_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 2592.99 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2592.99 MHz; σ = 1.933 S/m; εr = 37.889; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.6°C; Liquid temperature: 22.3°C

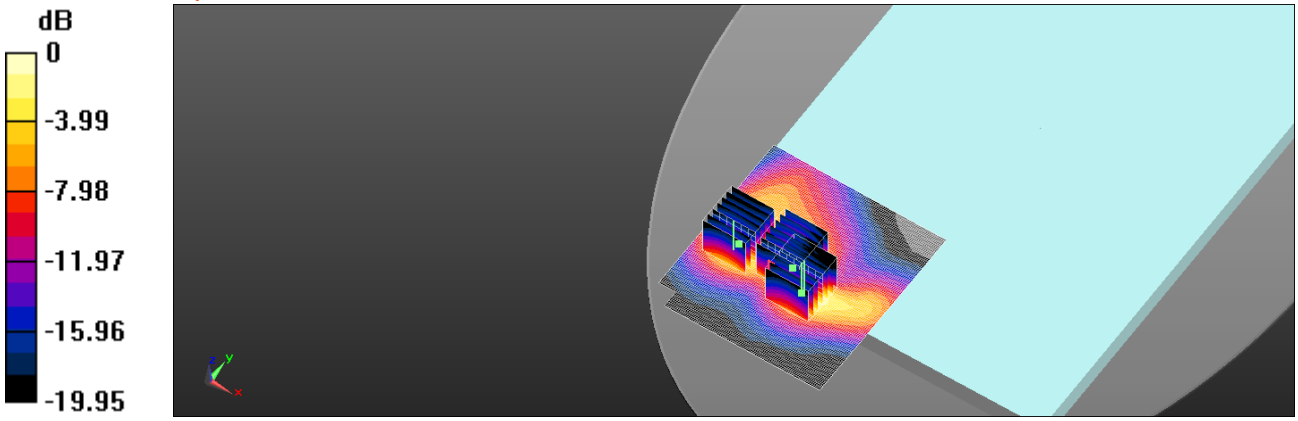
DASY5 Configuration:

- 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 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.96 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.446 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 50.2%
Maximum value of SAR (measured) = 1.63 W/kg
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.96 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.430 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 48.9%
Maximum value of SAR (measured) = 1.67 W/kg
Zoom Scan (7x7x7)/Cube 2: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.96 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.338 W/kg
Smallest distance from peaks to all points 3 dB below = 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 55.6%
Maximum value of SAR (measured) = 1.02 W/kg

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0 dB = 1.63 W/kg = 2.12 dBW/kg

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Date: 2026/6/19

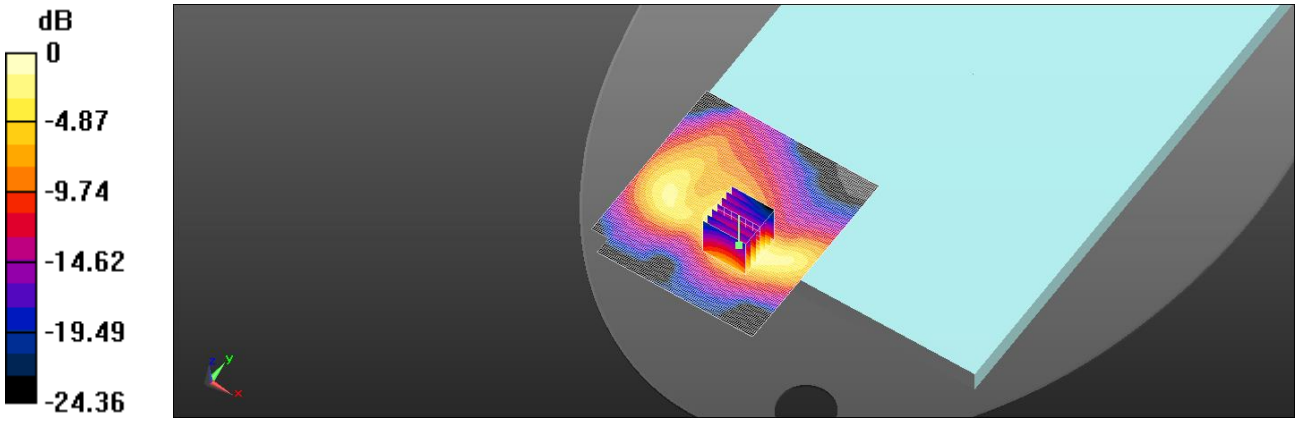
ID: 039
Report No. :TESA2605000382ES
NR n41_PC2 (100MHz)_Body_Bottom Surface_CH 509202_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 2546.01 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2546.01 MHz; σ = 1.88 S/m; εr = 37.952; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.86, 6.82, 6.1) @ 2546.01 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.51 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.07 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.491 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

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Date: 2026/6/26

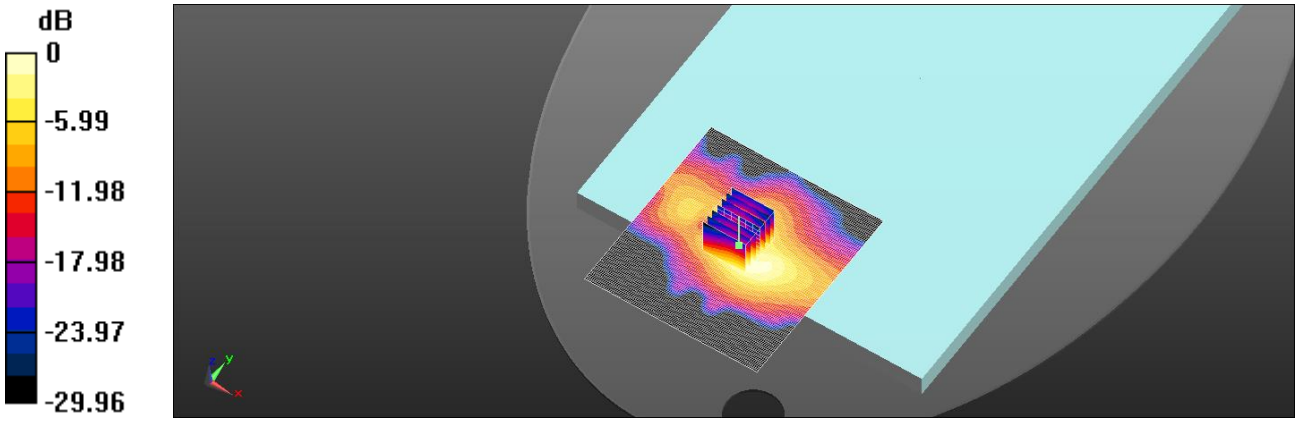
ID: 040
Report No. :TESA2605000382ES
NR n48 (40MHz)_Body_Bottom Surface_CH 643332_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 3649.98 MHz;Duty Cycle: 1:1
Medium parameters used: f = 3649.98 MHz; σ = 3.002 S/m; εr = 36.633; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3649.98 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.73 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 17.80 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.417 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 49%
Maximum value of SAR (measured) = 1.72 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

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Date: 2026/6/26

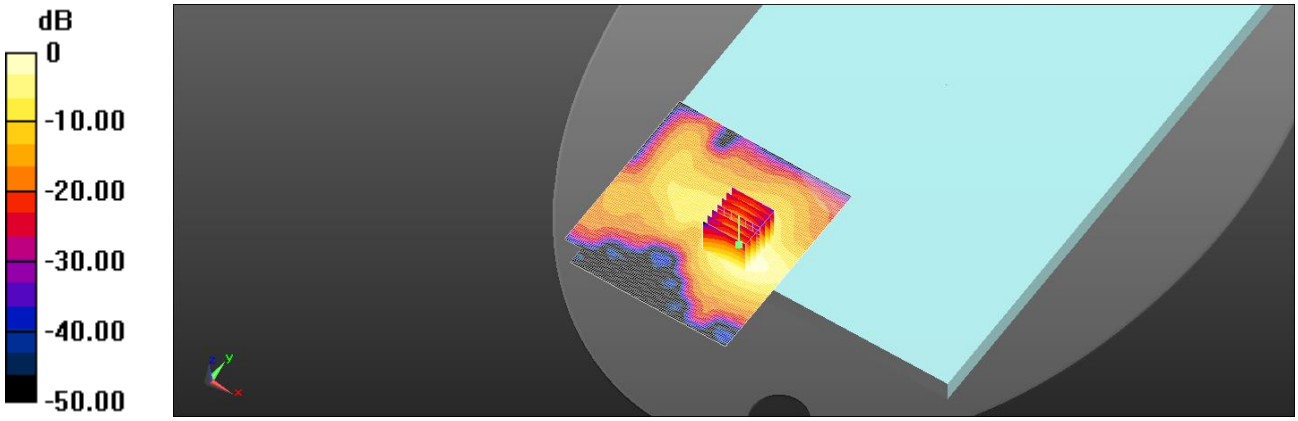
ID: 041
Report No. :TESA2605000382ES
NR n77_PC3_FCC(100MHz)_Body_Bottom Surface_CH 653000_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 3795 MHz;Duty Cycle: 1:1
Medium parameters used: f = 3795 MHz; σ = 3.149 S/m; εr = 36.479; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3795 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.80 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 17.93 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.59 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.445 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 45.5%
Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.89 W/kg = 2.76 dBW/kg

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Date: 2026/6/26

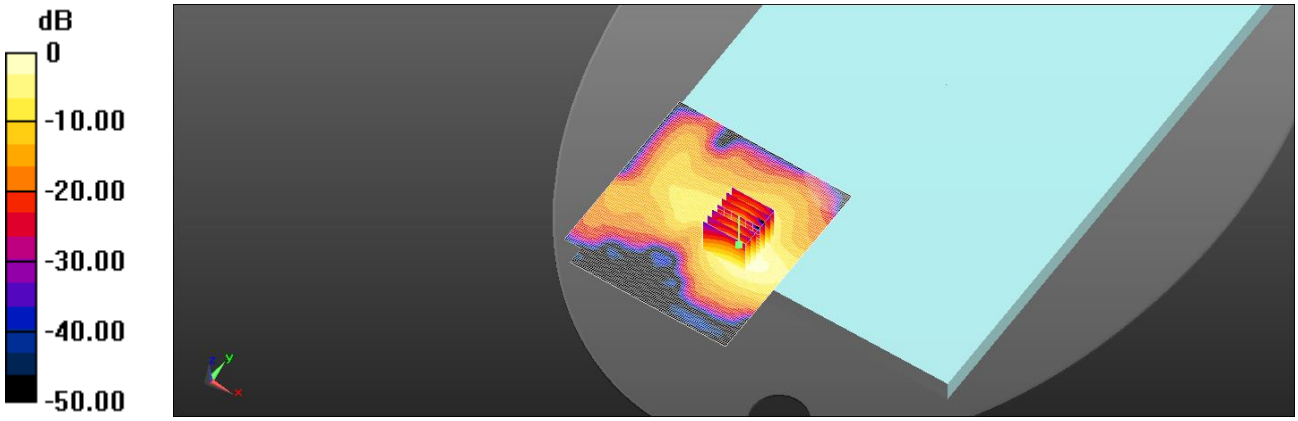
ID: 042
Report No. :TESA2605000382ES
NR n77_PC2_FCC(100MHz)_Body_Bottom Surface_CH 653000_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 3795 MHz;Duty Cycle: 1:1
Medium parameters used: f = 3795 MHz; σ = 3.149 S/m; εr = 36.479; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.4, 6.37, 5.7) @ 3795 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.88 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 15.61 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.406 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 46.1%
Maximum value of SAR (measured) = 1.92 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg

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Date: 2026/6/22

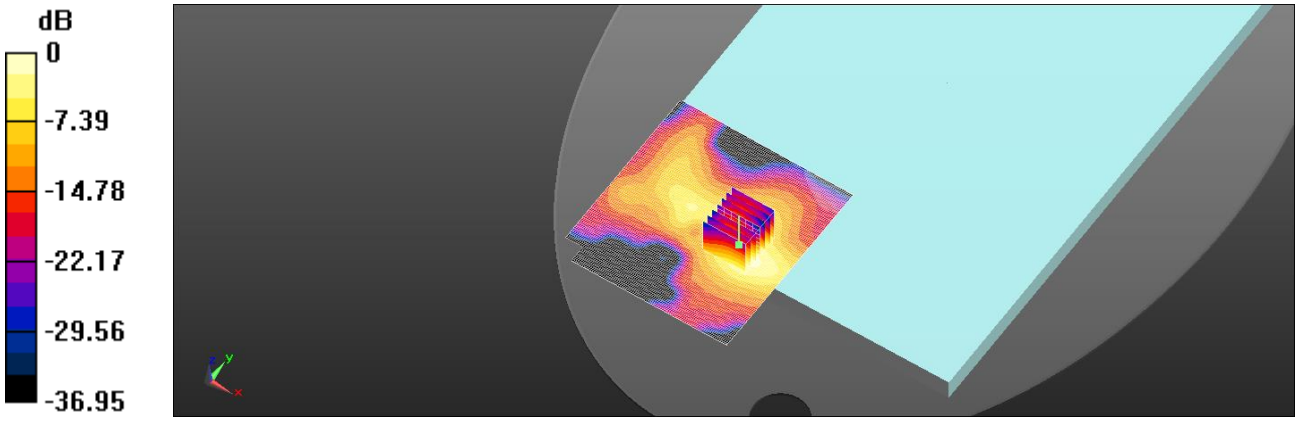
ID: 043
Report No. :TESA2605000382ES
NR n77&n78_PC3_FCC(100MHz)_Body_Bottom Surface_CH 633333_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 3499.995 MHz;Duty Cycle: 1:1
Medium parameters used: f = 3499.995 MHz; σ = 2.839 S/m; εr = 36.79; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.5°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.47, 6.44, 5.76) @ 3499.995 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.89 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 16.64 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.452 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 49.7%
Maximum value of SAR (measured) = 1.86 W/kg



0 dB = 1.86 W/kg = 2.70 dBW/kg

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Date: 2026/6/22

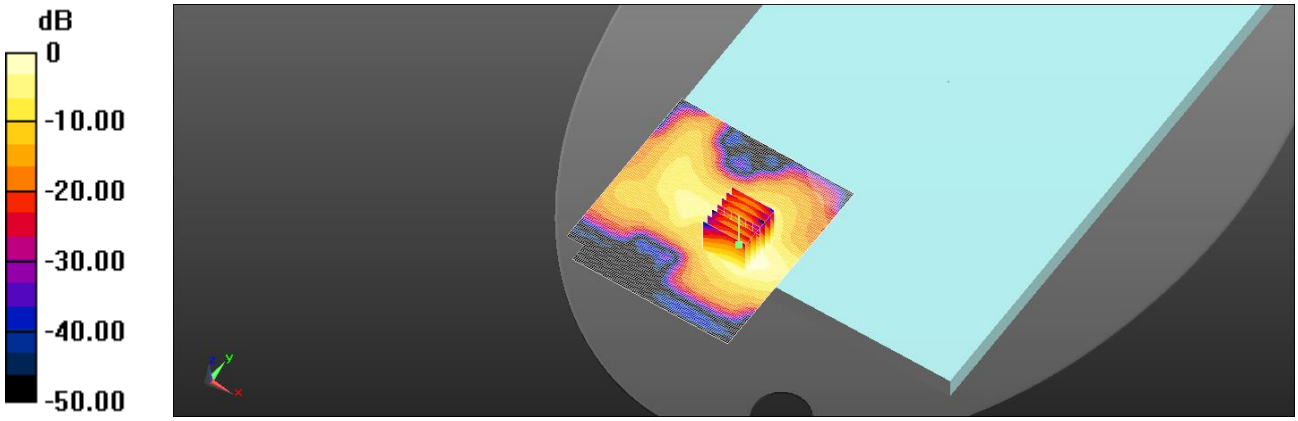
ID: 044
Report No. :TESA2605000382ES
NR n77&n78_PC2_FCC(100MHz)_Body_Bottom Surface_CH 633333_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 3499.995 MHz;Duty Cycle: 1:1
Medium parameters used: f = 3499.995 MHz; σ = 2.839 S/m; εr = 36.79; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.5°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7823; ConvF(6.47, 6.44, 5.76) @ 3499.995 MHz; Calibrated: 2025/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 13.26 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.299 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

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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Date: 2026/6/26

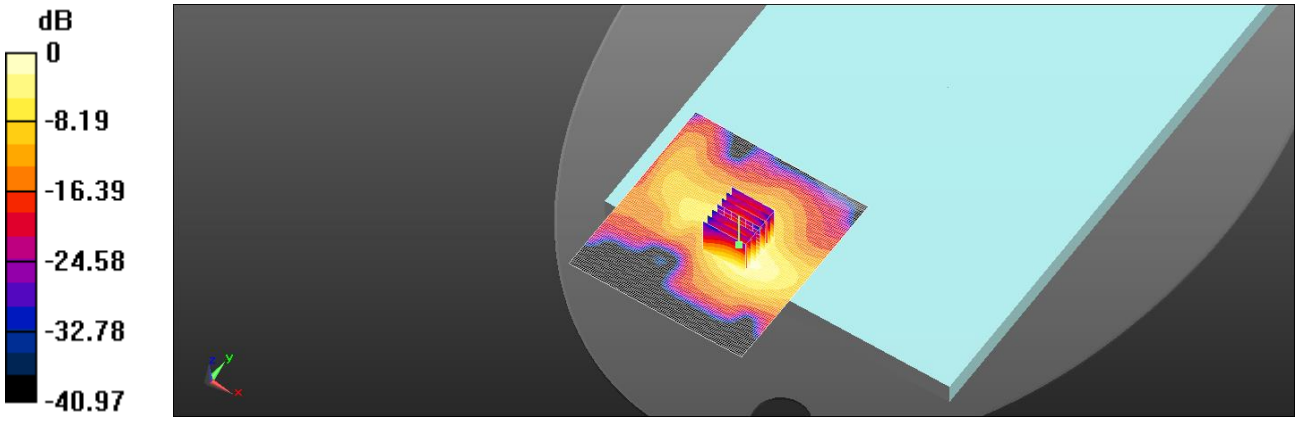
ID: 047
Report No. :TESA2605000382ES
NR n78_PC3_FCC (100MHz)_Body_Bottom Surface_CH 645000_BPSK_1-1_0mm_Ant 5
Communication System: 5G NR; Frequency: 3750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 3750 MHz; σ = 3.114 S/m; εr = 36.531; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 23.2°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 Sn1665; Calibrated: 2026/03/02
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.59 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 13.73 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.363 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 46.5%
Maximum value of SAR (measured) = 1.69 W/kg



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

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