

RF Exposure report



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

Product Name Notebook Computer
Brand Name HP
Model No. HSN-I62C
Applicant HP Inc.
1501 Page Mill Road, Palo Alto CA 94304 USA
Standards IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID B94HNI62KLR
Date of EUT Receipt Dec. 02, 2024
Date of Test(s) Dec. 19, 2024 ~ Jan. 07, 2025
Date of Issue Jan. 22, 2025

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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Signed on behalf of SGS

Clerk / Kimmy Chiou	PM / Afu Chen	Approved By / John Yeh

Date: Jan. 22, 2025

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2412000853EN	00	Initial creation of document	Jan. 20, 2025	Kimmy Chiou	
TESA2412000853EN	01	Modify comment	Jan. 22, 2025	Kimmy Chiou	*

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.
2. Measurement results in the original test report TESA2412000852EN are fully leveraged in this test report.
3. The data for this test report WWAN leverages the measurements from the original test report
4. TESA2412000852EN.
5. The data for this test report Top Edge leverages the measurements from the original test report 240828-04.TR05.
6. The data for this test report WLAN(2.4G / 5G) leverages the measurements from the original test report 231109-06.TR07.
7. The data for this test report WLAN(6E) leverages the measurements from the original test report 231109-06.TR01.

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1 GENERAL INFORMATION

1.1 Test Methodology

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

IEEE/ANSI C95.1-1992

IEEE 1528-2013

KDB447498D01v06

KDB865664D01v01r04

KDB865664D02v01r02

KDB616217D04v01r02

KDB941225D01v03r01

KDB941225D05v02r05

KDB941225D05Av01r02

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1.2 Description of EUT

Product Name	Notebook Computer	
Brand Name	HP	
Model No.	HSN-I62C	
FCC ID	B94HNI62KLR	
Integrated WWAN Module	Brand Name: Rolling Wireless Model Name: RW350R-GL	
Integrated WLAN Module	Brand Name: Intel Model Name: BE201NGW	
Duty Cycle	WCDMA	1
	LTE FDD	1
	LTE TDD Power Class 3	0.633
	LTE TDD Power Class 2	0.433
	5G NR Power Class 3	1
	5G NR Power Class 2	0.2
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	2570-2620
	LTE TDD Band 41	2496-2690
	LTE TDD Band 42	3400-3600
	LTE TDD Band 43	3600-3700
	LTE TDD Band 48	3550-3700
	LTE FDD Band 66	1710-1780
	LTE FDD Band 71	663-698
	n2	1850-1910
	n5	824-849
	n7	2500-2570
	n12	699-716
	n14	788-798
	n25	1850-1915
	n26	814-849
	n30	2305-2315
	n38	2570-2620
	n41 Power Class 2/3	2496-2690
	n48	3550-3700
	n66	1710-1780
	n71	663-698
	n77 Power Class 2/3	3700-3980
	n78 Power Class 2/3	3300-3800

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**1.3 Maximum value**

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Frequency Band		Summary	Highest Simultaneous Transmission 1g SAR (W/kg)
		1g SAR (W/kg)	
WCDMA	WCDMA II	0.37	1.59
	WCDMA IV	0.57	
	WCDMA V	0.79	
LTE	LTE Band 2	0.45	
	LTE Band 4	0.57	
	LTE Band 5	0.73	
	LTE Band 7	0.63	
	LTE Band 12	0.85	
	LTE Band 13	0.40	
	LTE Band 14	0.40	
	LTE Band 17	0.81	
	LTE Band 25	0.68	
	LTE Band 26	0.67	
	LTE Band 30	1.03	
	LTE Band 66	0.56	
	LTE Band 71	0.78	
	LTE Band 38	0.75	
	LTE Band 41	0.72	
	LTE Band 42	1.19	
	LTE Band 43	1.13	
	LTE Band 48	1.13	
FR1	NR n2	0.54	
	NR n5	0.78	
	NR n7	0.77	
	NR n12	0.95	
	NR n14	0.41	
	NR n25	0.73	
	NR n26	0.79	
	NR n30	1.18	
	NR n66	0.66	
	NR n71	0.21	
	NR n38	0.82	
	NR n41	0.80	
	NR n41(HPUE)	0.16	
	NR n48	1.18	
	NR n77 / 78	1.14	
	NR n77 / 78 (HPUE)	0.29	
	PCE	1.18	
	CBE	1.19	

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1.4 Antenna Information

Notebook mode

Vendor	Vendor2									
Antenna	Ant5									
Part Number	6036B0366201(81ELBF15.G36)									
Frequency(MHz)	71	12	17	13	14	26	5	2	25	41
	663~698	699~716	704~716	777~787	788~798	814~849	824~849	1850~1910	1850~1915	2496~2690
Gain (dBi)	-2.64	-0.18	-0.18	-1.38	-2.70	-1.93	-1.93	-1.40	-1.40	-1.62
Frequency(MHz)	42	48	78	77						
	3400~3600	3550~3700	3300~3800	3300~4200						
Gain (dBi)	0.85	0.85	0.85	0.85						

Vendor	Vendor2									
Antenna	Ant8									
Part Number	6036B0366201(81ELBF15.G36)									
Frequency(MHz)	4	66	2	25	30	41	7	38	42	43
	1710~1755	1710~1780	1850~1910	1850~1915	2305~2315	2496~2690	2500~2570	2570~2620	3400~3600	3600~3800
Gain (dBi)	-0.92	-0.92	-1.88	-1.88	-3.25	-1.88	-1.88	-2.60	1.58	1.39
Frequency(MHz)	48	78	77							
	3550~3700	3300~3800	3300~4200							
Gain (dBi)	0.93	1.58	1.58							

Vendor	Vendor1									
Antenna	Ant5									
Part Number	6036B0370401(00-330270505L)									
Frequency(MHz)	71	12	17	13	14	26	5	2	25	41
	663~698	699~716	704~716	777~787	788~798	814~849	824~849	1850~1910	1850~1915	2496~2690
Gain (dBi)	-0.62	0.58	0.58	0.91	0.54	0.74	0.74	-0.61	-0.61	1.03
Frequency(MHz)	42	48	78	77						
	3400~3600	3550~3700	3300~3800	3300~4200						
Gain (dBi)	-1.19	-1.19	-0.48	-0.4						

Vendor	Vendor1									
Antenna	Ant8									
Part Number	6036B0370401(00-330270505L)									
Frequency(MHz)	4	66	2	25	30	41	7	38	42	43
	1710~1755	1710~1780	1850~1910	1850~1915	2305~2315	2496~2690	2500~2570	2570~2620	3400~3600	3600~3800
Gain (dBi)	2.28	2.28	2.00	2.00	1.18	1.52	1.17	1.26	0.76	1.85
Frequency(MHz)	48	78	77							
	3550~3700	3300~3800	3300~4200							
Gain (dBi)	0.76	1.85	1.85							

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Tablet mode

Vendor	Vendor2									
Antenna	Ant5									
Part Number	6036B0366201(81ELBF15.G36)									
Frequency(MHz)	71	12	17	13	14	26	5	2	25	41
	663~698	699~716	704~716	777~787	788~798	814~849	824~849	1850~1910	1850~1915	2496~2690
Gain (dBi)	-3.54	-3.80	-3.80	-6.49	-8.01	-5.75	-5.75	-4.44	-4.44	1.34
Frequency(MHz)	42	48	78	77						
	3400~3600	3550~3700	3300~3800	3300~4200						
Gain (dBi)	-1.13	-1.83	-0.41	-0.41						

Vendor	Vendor2									
Antenna	Ant8									
Part Number	6036B0366201(81ELBF15.G36)									
Frequency(MHz)	4	66	2	25	30	41	7	38	42	43
	1710~1755	1710~1780	1850~1910	1850~1915	2305~2315	2496~2690	2500~2570	2570~2620	3400~3600	3600~3800
Gain (dBi)	-5.19	-3.39	-4.50	-4.50	-6.04	-0.93	-0.93	-1.43	-0.52	-0.52
Frequency(MHz)	48	78	77							
	3550~3700	3300~3800	3300~4200							
Gain (dBi)	-0.52	-0.52	0.38							

Vendor	Vendor1									
Antenna	Ant5									
Part Number	6036B0370401(00-330270505L)									
Frequency(MHz)	71	12	17	13	14	26	5	2	25	41
	663~698	699~716	704~716	777~787	788~798	814~849	824~849	1850~1910	1850~1915	2496~2690
Gain (dBi)	-7.62	-7.17	-7.17	-4.48	-4.82	-3.96	-3.96	-2.73	-2.73	0.01
Frequency(MHz)	42	48	78	77						
	3400~3600	3550~3700	3300~3800	3300~4200						
Gain (dBi)	-1.58	-1.58	-1.20	0.08						

Vendor	Vendor1									
Antenna	Ant8									
Part Number	6036B0370401(00-330270505L)									
Frequency(MHz)	4	66	2	25	30	41	7	38	42	43
	1710~1755	1710~1780	1850~1910	1850~1915	2305~2315	2496~2690	2500~2570	2570~2620	3400~3600	3600~3800
Gain (dBi)	-2.05	-2.05	-0.12	-0.12	-2.29	-0.83	-0.83	-1.97	-0.77	-0.49
Frequency(MHz)	48	78	77							
	3550~3700	3300~3800	3300~4200							
Gain (dBi)	-0.49	-0.49	-0.49							

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	FCC Designation number	IC CAB identifier
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	TW3702
		SAR 6		
		SAR 8		
	No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 33383, Taiwan	SAR 1	TW0028	
		SAR 4		
	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan	SAR 3	TW0027	
		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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Block Diagram (DASY5)

The diagram illustrates the architecture of the DASYS robot system. At the center is the **DASYS** robot arm, which is connected to a **Robot controller** (CS8C) and a **PC**. The **Robot controller** is shown with various input and output modules, including a **Teach Pendant** connected to its **CS8C** module. The **PC** is connected to the **Robot controller** and the **DASYS** robot arm. The **DASYS** robot arm is equipped with a **Radio Optical Converter (ROC)** (opt. 300) and a **DAE** (Digital Address Encoder) for **3-Bit pulse path surface detect**. The **DASYS** robot arm is also connected to a **Measurement Server** and a **Signal lamp**. The **Measurement Server** is connected to a **Short cut** and a **Reverse Control Box**. The **Signal lamp** is connected to a **Light beam**. The **Measurement Server** is also connected to a **PC** and a **Robot controller**. The **Measurement Server** is connected to the **DASYS** robot arm via a **Signal lamp** and a **Light beam**. The **Measurement Server** is also connected to a **PC** and a **Robot controller**. The **Measurement Server** is connected to the **DASYS** robot arm via a **Signal lamp** and a **Light beam**. The **Measurement Server** is also connected to a **PC** and a **Robot controller**.

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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 from 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 $\pm 5\%$ of the target values.

3.3 Measurement results of Tissue Simulant Liquid

Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
673	42.311	0.885	41.679	0.853	-1.49%	-3.60%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
680.5	42.271	0.885	41.665	0.854	-1.43%	-3.54%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
688	42.231	0.886	41.656	0.856	-1.36%	-3.37%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
704	42.145	0.887	41.650	0.857	-1.18%	-3.37%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
706.5	42.132	0.887	41.648	0.858	-1.15%	-3.28%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
707.5	42.127	0.887	41.647	0.859	-1.14%	-3.17%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
708.5	42.121	0.887	41.646	0.860	-1.13%	-3.07%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
709	42.119	0.887	41.645	0.861	-1.12%	-2.96%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
710	42.113	0.887	41.644	0.862	-1.11%	-2.85%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
711	42.108	0.887	41.643	0.863	-1.10%	-2.75%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
750	41.900	0.890	41.600	0.866	-0.72%	-2.70%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
782	41.749	0.894	41.565	0.870	-0.44%	-2.66%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
793	41.698	0.895	41.554	0.871	-0.34%	-2.69%	$\pm 5\%$	Dec. 19, 2024	22.3	22.5
821.5	41.564	0.898	41.264	0.875	-0.72%	-2.61%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
824	41.552	0.899	41.261	0.876	-0.70%	-2.53%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
826.4	41.540	0.899	41.259	0.877	-0.68%	-2.45%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
829	41.528	0.899	41.256	0.878	-0.66%	-2.37%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
831.5	41.516	0.900	41.254	0.879	-0.63%	-2.29%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
835	41.500	0.900	41.250	0.880	-0.60%	-2.22%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
836.5	41.500	0.902	41.249	0.882	-0.60%	-2.18%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
836.6	41.500	0.902	41.248	0.883	-0.61%	-2.08%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
839	41.500	0.904	41.245	0.884	-0.61%	-2.25%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
841.5	41.500	0.907	41.243	0.886	-0.62%	-2.32%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
844	41.500	0.910	41.240	0.889	-0.63%	-2.27%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
846.6	41.500	0.912	41.238	0.892	-0.63%	-2.25%	$\pm 5\%$	Dec. 20, 2024	21.8	22.2
1712.4	40.125	1.350	39.579	1.334	-1.36%	-1.18%	$\pm 5\%$	Dec. 21, 2024	22.0	22.3

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1720	40.114	1.354	39.570	1.338	-1.36%	-1.20%	± 5%	Dec. 21, 2024	22.0	22.3
1732.4	40.097	1.361	39.557	1.343	-1.35%	-1.35%	± 5%	Dec. 21, 2024	22.0	22.3
1732.5	40.096	1.361	39.556	1.344	-1.35%	-1.28%	± 5%	Dec. 21, 2024	22.0	22.3
1745	40.079	1.369	39.543	1.352	-1.34%	-1.21%	± 5%	Dec. 21, 2024	22.0	22.3
1750	40.071	1.371	39.537	1.355	-1.33%	-1.20%	± 5%	Dec. 21, 2024	22.0	22.3
1752.6	40.068	1.373	39.534	1.357	-1.33%	-1.16%	± 5%	Dec. 21, 2024	22.0	22.3
1757.5	40.061	1.376	39.528	1.360	-1.33%	-1.14%	± 5%	Dec. 21, 2024	22.0	22.3
1770	40.043	1.383	39.514	1.366	-1.32%	-1.22%	± 5%	Dec. 21, 2024	22.0	22.3
1852.4	40.000	1.400	39.318	1.370	-1.71%	-2.14%	± 5%	Dec. 22, 2024	21.8	22.2
1860	40.000	1.400	39.309	1.374	-1.73%	-1.86%	± 5%	Dec. 22, 2024	21.8	22.2
1865	40.000	1.400	39.304	1.377	-1.74%	-1.64%	± 5%	Dec. 22, 2024	21.8	22.2
1872.5	40.000	1.400	39.297	1.382	-1.76%	-1.29%	± 5%	Dec. 22, 2024	21.8	22.2
1880	40.000	1.400	39.286	1.386	-1.79%	-1.00%	± 5%	Dec. 22, 2024	21.8	22.2
1882.5	40.000	1.400	39.283	1.387	-1.79%	-0.93%	± 5%	Dec. 22, 2024	21.8	22.2
1892.5	40.000	1.400	39.272	1.388	-1.82%	-0.86%	± 5%	Dec. 22, 2024	21.8	22.2
1895	40.000	1.400	39.269	1.390	-1.83%	-0.71%	± 5%	Dec. 22, 2024	21.8	22.2
1900	40.000	1.400	39.264	1.393	-1.84%	-0.50%	± 5%	Dec. 22, 2024	21.8	22.2
1905	40.000	1.400	39.258	1.395	-1.85%	-0.36%	± 5%	Dec. 22, 2024	21.8	22.2
1907.6	40.000	1.400	39.255	1.397	-1.86%	-0.21%	± 5%	Dec. 22, 2024	21.8	22.2
2300	39.500	1.670	39.071	1.630	-1.09%	-2.40%	± 5%	Dec. 23, 2024	22.3	22.5
2310	39.480	1.679	39.060	1.637	-1.06%	-2.48%	± 5%	Dec. 23, 2024	22.3	22.5
2506	39.125	1.860	38.554	1.820	-1.46%	-2.14%	± 5%	Dec. 24, 2024	22.1	22.4
2510	39.120	1.864	38.550	1.824	-1.46%	-2.15%	± 5%	Dec. 24, 2024	22.1	22.4
2546.01	39.072	1.902	38.510	1.862	-1.44%	-2.12%	± 5%	Dec. 24, 2024	22.1	22.4
2549.5	39.067	1.906	38.507	1.866	-1.43%	-2.11%	± 5%	Dec. 24, 2024	22.1	22.4
2592.99	39.009	1.953	38.461	1.911	-1.41%	-2.13%	± 5%	Dec. 24, 2024	22.1	22.4
2593	39.009	1.953	38.460	1.912	-1.41%	-2.08%	± 5%	Dec. 24, 2024	22.1	22.4
2600	39.000	1.960	38.452	1.919	-1.41%	-2.09%	± 5%	Dec. 24, 2024	22.1	22.4
2636.5	38.954	2.000	38.412	1.959	-1.39%	-2.06%	± 5%	Dec. 24, 2024	22.1	22.4
2640	38.950	2.004	38.408	1.963	-1.39%	-2.05%	± 5%	Dec. 24, 2024	22.1	22.4
2680	38.900	2.048	38.364	2.005	-1.38%	-2.10%	± 5%	Dec. 24, 2024	22.1	22.4
2506	39.125	1.860	38.326	1.823	-2.04%	-1.98%	± 5%	Dec. 25, 2024	22.2	22.4
2510	39.120	1.864	38.322	1.827	-2.04%	-1.98%	± 5%	Dec. 25, 2024	22.2	22.4
2535	39.087	1.891	38.295	1.853	-2.03%	-1.99%	± 5%	Dec. 25, 2024	22.2	22.4
2549.5	39.067	1.906	38.270	1.869	-2.04%	-1.95%	± 5%	Dec. 25, 2024	22.2	22.4
2560	39.053	1.917	38.258	1.879	-2.04%	-2.00%	± 5%	Dec. 25, 2024	22.2	22.4
2580	39.027	1.939	38.236	1.901	-2.03%	-1.94%	± 5%	Dec. 25, 2024	22.2	22.4
2593	39.009	1.953	38.222	1.915	-2.02%	-1.92%	± 5%	Dec. 25, 2024	22.2	22.4
2595	39.007	1.955	38.220	1.917	-2.02%	-1.93%	± 5%	Dec. 25, 2024	22.2	22.4
2600	39.000	1.960	38.215	1.922	-2.01%	-1.94%	± 5%	Dec. 25, 2024	22.2	22.4
2610	38.988	1.971	38.204	1.933	-2.01%	-1.93%	± 5%	Dec. 25, 2024	22.2	22.4
2636.5	38.954	2.000	38.175	1.963	-2.00%	-1.86%	± 5%	Dec. 25, 2024	22.2	22.4
2680	38.900	2.048	38.127	2.008	-1.99%	-1.95%	± 5%	Dec. 25, 2024	22.2	22.4
2525	39.100	1.880	38.312	1.846	-2.02%	-1.81%	± 5%	Dec. 26, 2024	21.9	22.2

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Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
2535	39.087	1.891	38.301	1.857	-2.01%	-1.78%	± 5%	Dec. 26, 2024	21.9	22.2
2545	39.073	1.901	38.290	1.867	-2.00%	-1.81%	± 5%	Dec. 26, 2024	21.9	22.2
2546.01	39.072	1.902	38.289	1.868	-2.00%	-1.81%	± 5%	Dec. 26, 2024	21.9	22.2
2590.02	39.013	1.949	38.241	1.915	-1.98%	-1.76%	± 5%	Dec. 26, 2024	21.9	22.2
2592.99	39.009	1.953	38.238	1.919	-1.98%	-1.72%	± 5%	Dec. 26, 2024	21.9	22.2
2595	39.007	1.955	38.235	1.921	-1.98%	-1.72%	± 5%	Dec. 26, 2024	21.9	22.2
2599.98	39.000	1.960	38.231	1.926	-1.97%	-1.73%	± 5%	Dec. 26, 2024	21.9	22.2
2600	39.000	1.960	38.230	1.927	-1.97%	-1.68%	± 5%	Dec. 26, 2024	21.9	22.2
2640	38.950	2.004	38.186	1.971	-1.96%	-1.65%	± 5%	Dec. 26, 2024	21.9	22.2
2506	39.125	1.860	38.303	1.828	-2.10%	-1.71%	± 5%	Dec. 27, 2024	21.7	22.1
2510	39.120	1.864	38.298	1.832	-2.10%	-1.72%	± 5%	Dec. 27, 2024	21.7	22.1
2546.01	39.072	1.902	38.257	1.870	-2.09%	-1.70%	± 5%	Dec. 27, 2024	21.7	22.1
2549.5	39.067	1.906	38.254	1.873	-2.08%	-1.74%	± 5%	Dec. 27, 2024	21.7	22.1
2592.99	39.009	1.953	38.207	1.920	-2.06%	-1.67%	± 5%	Dec. 27, 2024	21.7	22.1
2593	39.009	1.953	38.206	1.921	-2.06%	-1.61%	± 5%	Dec. 27, 2024	21.7	22.1
2600	39.000	1.960	38.198	1.929	-2.06%	-1.58%	± 5%	Dec. 27, 2024	21.7	22.1
2636.5	38.954	2.000	38.158	1.968	-2.04%	-1.61%	± 5%	Dec. 27, 2024	21.7	22.1
2640	38.950	2.004	38.154	1.973	-2.04%	-1.55%	± 5%	Dec. 27, 2024	21.7	22.1
2680	38.900	2.048	38.110	2.017	-2.03%	-1.51%	± 5%	Dec. 27, 2024	21.7	22.1
2506	39.125	1.860	38.264	1.829	-2.20%	-1.65%	± 5%	Dec. 28, 2024	21.9	22.3
2510	39.120	1.864	38.260	1.833	-2.20%	-1.66%	± 5%	Dec. 28, 2024	21.9	22.3
2535	39.087	1.891	38.233	1.860	-2.18%	-1.62%	± 5%	Dec. 28, 2024	21.9	22.3
2549.5	39.067	1.906	38.218	1.874	-2.17%	-1.69%	± 5%	Dec. 28, 2024	21.9	22.3
2560	39.053	1.917	38.206	1.884	-2.17%	-1.74%	± 5%	Dec. 28, 2024	21.9	22.3
2580	39.027	1.939	38.184	1.906	-2.16%	-1.69%	± 5%	Dec. 28, 2024	21.9	22.3
2593	39.009	1.953	38.170	1.922	-2.15%	-1.56%	± 5%	Dec. 28, 2024	21.9	22.3
2595	39.007	1.955	38.168	1.924	-2.15%	-1.57%	± 5%	Dec. 28, 2024	21.9	22.3
2600	39.000	1.960	38.163	1.930	-2.15%	-1.53%	± 5%	Dec. 28, 2024	21.9	22.3
2610	38.988	1.971	38.152	1.941	-2.14%	-1.52%	± 5%	Dec. 28, 2024	21.9	22.3
2636.5	38.954	2.000	38.124	1.970	-2.13%	-1.51%	± 5%	Dec. 28, 2024	21.9	22.3
2680	38.900	2.048	38.076	2.018	-2.12%	-1.46%	± 5%	Dec. 28, 2024	21.9	22.3
2525	39.100	1.880	38.204	1.851	-2.29%	-1.54%	± 5%	Dec. 29, 2024	22.0	22.3
2535	39.087	1.891	38.193	1.862	-2.29%	-1.52%	± 5%	Dec. 29, 2024	22.0	22.3
2545	39.073	1.901	38.182	1.872	-2.28%	-1.54%	± 5%	Dec. 29, 2024	22.0	22.3
2546.01	39.072	1.902	38.181	1.873	-2.28%	-1.55%	± 5%	Dec. 29, 2024	22.0	22.3
2590.02	39.013	1.949	38.133	1.920	-2.26%	-1.51%	± 5%	Dec. 29, 2024	22.0	22.3
2592.99	39.009	1.953	38.130	1.923	-2.25%	-1.51%	± 5%	Dec. 29, 2024	22.0	22.3
2595	39.007	1.955	38.127	1.925	-2.26%	-1.52%	± 5%	Dec. 29, 2024	22.0	22.3
2599.98	39.000	1.960	38.123	1.930	-2.25%	-1.53%	± 5%	Dec. 29, 2024	22.0	22.3
2600	39.000	1.960	38.122	1.931	-2.25%	-1.48%	± 5%	Dec. 29, 2024	22.0	22.3
2640	38.950	2.004	38.078	1.975	-2.24%	-1.45%	± 5%	Dec. 29, 2024	22.0	22.3
3460	37.948	2.869	37.643	2.877	-0.80%	0.27%	± 5%	Dec. 30, 2024	21.8	22.2
3499.995	37.900	2.910	37.600	2.917	-0.79%	0.24%	± 5%	Dec. 30, 2024	21.8	22.2
3500	37.900	2.910	37.599	2.918	-0.79%	0.27%	± 5%	Dec. 30, 2024	21.8	22.2
3500.01	37.900	2.910	37.598	2.919	-0.80%	0.31%	± 5%	Dec. 30, 2024	21.8	22.2

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Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
3509	37.891	2.919	37.590	2.927	-0.79%	0.26%	± 5%	Dec. 30, 2024	21.8	22.2
3537.51	37.862	2.949	37.583	2.956	-0.74%	0.24%	± 5%	Dec. 30, 2024	21.8	22.2
3540	37.860	2.952	37.556	2.960	-0.80%	0.28%	± 5%	Dec. 30, 2024	21.8	22.2
3541	37.859	2.953	37.555	2.961	-0.80%	0.28%	± 5%	Dec. 30, 2024	21.8	22.2
3560	37.840	2.972	37.534	2.980	-0.81%	0.26%	± 5%	Dec. 30, 2024	21.8	22.2
3570	37.830	2.983	37.525	2.991	-0.81%	0.27%	± 5%	Dec. 30, 2024	21.8	22.2
3575	37.825	2.988	37.518	2.996	-0.81%	0.27%	± 5%	Dec. 30, 2024	21.8	22.2
3575.01	37.825	2.988	37.517	2.997	-0.81%	0.30%	± 5%	Dec. 30, 2024	21.8	22.2
3590	37.810	3.004	37.502	3.012	-0.81%	0.28%	± 5%	Dec. 30, 2024	21.8	22.2
3460	37.948	2.869	37.426	2.881	-1.38%	0.41%	± 5%	Dec. 31, 2024	22.0	22.3
3499.995	37.900	2.910	37.383	2.921	-1.36%	0.38%	± 5%	Dec. 31, 2024	22.0	22.3
3500	37.900	2.910	37.382	2.922	-1.37%	0.41%	± 5%	Dec. 31, 2024	22.0	22.3
3500.01	37.900	2.910	37.381	2.923	-1.37%	0.45%	± 5%	Dec. 31, 2024	22.0	22.3
3509	37.891	2.919	37.373	2.931	-1.37%	0.40%	± 5%	Dec. 31, 2024	22.0	22.3
3537.51	37.862	2.949	37.343	2.967	-1.37%	0.61%	± 5%	Dec. 31, 2024	22.0	22.3
3540	37.860	2.952	37.339	2.964	-1.38%	0.42%	± 5%	Dec. 31, 2024	22.0	22.3
3541	37.859	2.953	37.338	2.965	-1.38%	0.42%	± 5%	Dec. 31, 2024	22.0	22.3
3560	37.840	2.972	37.317	2.984	-1.38%	0.39%	± 5%	Dec. 31, 2024	22.0	22.3
3570	37.830	2.983	37.306	2.991	-1.39%	0.27%	± 5%	Dec. 31, 2024	22.0	22.3
3575	37.825	2.988	37.301	3.001	-1.39%	0.44%	± 5%	Dec. 31, 2024	22.0	22.3
3575.01	37.825	2.988	37.302	3.002	-1.38%	0.47%	± 5%	Dec. 31, 2024	22.0	22.3
3590	37.810	3.004	37.285	3.017	-1.39%	0.45%	± 5%	Dec. 31, 2024	22.0	22.3
3460	37.948	2.869	37.342	2.886	-1.60%	0.59%	± 5%	Jan. 01, 2025	22.3	22.5
3499.995	37.900	2.910	37.297	2.926	-1.59%	0.55%	± 5%	Jan. 01, 2025	22.3	22.5
3500	37.900	2.910	37.298	2.927	-1.59%	0.58%	± 5%	Jan. 01, 2025	22.3	22.5
3500.01	37.900	2.910	37.299	2.928	-1.59%	0.62%	± 5%	Jan. 01, 2025	22.3	22.5
3509	37.891	2.919	37.289	2.936	-1.59%	0.57%	± 5%	Jan. 01, 2025	22.3	22.5
3537.51	37.862	2.949	37.258	2.961	-1.60%	0.41%	± 5%	Jan. 01, 2025	22.3	22.5
3540	37.860	2.952	37.255	2.969	-1.60%	0.59%	± 5%	Jan. 01, 2025	22.3	22.5
3541	37.859	2.953	37.254	2.970	-1.60%	0.59%	± 5%	Jan. 01, 2025	22.3	22.5
3560	37.840	2.972	37.233	2.989	-1.60%	0.56%	± 5%	Jan. 01, 2025	22.3	22.5
3570	37.830	2.983	37.223	2.998	-1.60%	0.51%	± 5%	Jan. 01, 2025	22.3	22.5
3575	37.825	2.988	37.217	3.005	-1.61%	0.57%	± 5%	Jan. 01, 2025	22.3	22.5
3575.01	37.825	2.988	37.216	3.006	-1.61%	0.60%	± 5%	Jan. 01, 2025	22.3	22.5
3590	37.810	3.004	37.201	3.021	-1.61%	0.58%	± 5%	Jan. 01, 2025	22.3	22.5
3460	37.948	2.869	37.199	2.906	-1.97%	1.28%	± 5%	Jan. 02, 2025	22.0	22.3
3499.995	37.900	2.910	37.156	2.946	-1.96%	1.24%	± 5%	Jan. 02, 2025	22.0	22.3
3500	37.900	2.910	37.155	2.947	-1.97%	1.27%	± 5%	Jan. 02, 2025	22.0	22.3
3500.01	37.900	2.910	37.154	2.948	-1.97%	1.31%	± 5%	Jan. 02, 2025	22.0	22.3
3509	37.891	2.919	37.146	2.956	-1.97%	1.26%	± 5%	Jan. 02, 2025	22.0	22.3
3537.51	37.862	2.949	37.135	2.984	-1.92%	1.19%	± 5%	Jan. 02, 2025	22.0	22.3
3540	37.860	2.952	37.112	2.989	-1.98%	1.27%	± 5%	Jan. 02, 2025	22.0	22.3
3541	37.859	2.953	37.111	2.990	-1.98%	1.27%	± 5%	Jan. 02, 2025	22.0	22.3
3560	37.840	2.972	37.090	3.009	-1.98%	1.23%	± 5%	Jan. 02, 2025	22.0	22.3
3570	37.830	2.983	37.080	3.019	-1.98%	1.21%	± 6%	Jan. 02, 2025	22.0	22.3
3575	37.825	2.988	37.074	3.025	-1.99%	1.24%	± 7%	Jan. 02, 2025	22.0	22.3

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Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
3575.01	37.825	2.988	37.973	3.026	0.39%	1.27%	± 8%	Jan. 02, 2025	22.0	22.3
3590	37.810	3.004	37.058	3.041	-1.99%	1.25%	± 9%	Jan. 02, 2025	22.0	22.3
3609	37.791	3.023	36.854	3.057	-2.48%	1.11%	± 10%	Jan. 03, 2025	21.8	22.3
3612.51	37.787	3.027	36.851	3.061	-2.48%	1.12%	± 11%	Jan. 03, 2025	21.8	22.3
3625.02	37.775	3.040	36.837	3.074	-2.48%	1.12%	± 12%	Jan. 03, 2025	21.8	22.3
3641	37.759	3.057	36.820	3.091	-2.49%	1.12%	± 13%	Jan. 03, 2025	21.8	22.3
3650.01	37.750	3.066	36.810	3.100	-2.49%	1.11%	± 14%	Jan. 03, 2025	21.8	22.3
3679.98	37.720	3.097	36.777	3.131	-2.50%	1.09%	± 15%	Jan. 03, 2025	21.8	22.3
3690	37.710	3.108	36.766	3.142	-2.50%	1.11%	± 16%	Jan. 03, 2025	21.8	22.3
3700	37.700	3.118	36.753	3.153	-2.51%	1.12%	± 17%	Jan. 03, 2025	21.8	22.3
3750	37.650	3.170	36.698	3.204	-2.53%	1.07%	± 18%	Jan. 03, 2025	21.8	22.3
3795	37.605	3.217	36.649	3.251	-2.54%	1.06%	± 19%	Jan. 03, 2025	21.8	22.3
3609	37.791	3.023	36.818	3.065	-2.57%	1.38%	± 20%	Jan. 04, 2025	22.0	22.4
3612.51	37.787	3.027	36.815	3.069	-2.57%	1.39%	± 21%	Jan. 04, 2025	22.0	22.4
3625.02	37.775	3.040	36.801	3.082	-2.58%	1.38%	± 22%	Jan. 04, 2025	22.0	22.4
3641	37.759	3.057	36.784	3.099	-2.58%	1.39%	± 23%	Jan. 04, 2025	22.0	22.4
3650.01	37.750	3.066	36.774	3.108	-2.59%	1.37%	± 24%	Jan. 04, 2025	22.0	22.4
3660	37.740	3.076	36.753	3.118	-2.62%	1.35%	± 25%	Jan. 04, 2025	22.0	22.4
3662.5	37.738	3.079	36.750	3.121	-2.62%	1.36%	± 26%	Jan. 04, 2025	22.0	22.4
3665	37.735	3.082	36.747	3.124	-2.62%	1.38%	± 27%	Jan. 04, 2025	22.0	22.4
3679.98	37.720	3.097	36.732	3.139	-2.62%	1.35%	± 28%	Jan. 04, 2025	22.0	22.4
3690	37.710	3.108	36.721	3.150	-2.62%	1.36%	± 29%	Jan. 04, 2025	22.0	22.4
3700	37.700	3.118	36.710	3.161	-2.63%	1.38%	± 30%	Jan. 04, 2025	22.0	22.4
3750	37.650	3.170	36.655	3.213	-2.64%	1.36%	± 31%	Jan. 04, 2025	22.0	22.4
3795	37.605	3.217	36.604	3.260	-2.66%	1.34%	± 32%	Jan. 04, 2025	22.0	22.4
3609	37.791	3.023	36.793	3.073	-2.64%	1.64%	± 33%	Jan. 05, 2025	21.9	22.3
3612.51	37.787	3.027	36.790	3.077	-2.64%	1.65%	± 34%	Jan. 05, 2025	21.9	22.3
3625.02	37.775	3.040	36.776	3.086	-2.64%	1.51%	± 35%	Jan. 05, 2025	21.9	22.3
3641	37.759	3.057	36.759	3.103	-2.65%	1.52%	± 36%	Jan. 05, 2025	21.9	22.3
3650.01	37.750	3.066	36.750	3.112	-2.65%	1.50%	± 37%	Jan. 05, 2025	21.9	22.3
3679.98	37.720	3.097	36.717	3.144	-2.66%	1.51%	± 38%	Jan. 05, 2025	21.9	22.3
3690	37.710	3.108	36.706	3.155	-2.66%	1.53%	± 39%	Jan. 05, 2025	21.9	22.3
3700	37.700	3.118	36.695	3.166	-2.67%	1.54%	± 40%	Jan. 05, 2025	21.9	22.3
3750	37.650	3.170	36.640	3.219	-2.68%	1.55%	± 41%	Jan. 05, 2025	21.9	22.3
3795	37.605	3.217	36.589	3.266	-2.70%	1.53%	± 42%	Jan. 05, 2025	21.9	22.3
3609	37.791	3.023	36.724	3.080	-2.82%	1.87%	± 43%	Jan. 06, 2025	21.8	22.3
3610	37.790	3.024	36.722	3.081	-2.83%	1.87%	± 44%	Jan. 06, 2025	21.8	22.3
3612.51	37.787	3.027	36.721	3.085	-2.82%	1.92%	± 44%	Jan. 06, 2025	21.8	22.3
3625.02	37.775	3.040	36.707	3.098	-2.83%	1.91%	± 45%	Jan. 06, 2025	21.8	22.3
3641	37.759	3.057	36.689	3.115	-2.83%	1.91%	± 46%	Jan. 06, 2025	21.8	22.3
3650.01	37.750	3.066	36.680	3.124	-2.83%	1.89%	± 47%	Jan. 06, 2025	21.8	22.3
3660	37.740	3.076	36.669	3.130	-2.84%	1.74%	± 48%	Jan. 06, 2025	21.8	22.3
3662.5	37.738	3.079	36.666	3.133	-2.84%	1.75%	± 49%	Jan. 06, 2025	21.8	22.3

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Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
3665	37.735	3.082	36.663	3.136	-2.84%	1.77%	± 50%	Jan. 06, 2025	21.8	22.3
3679.98	37.720	3.097	36.648	3.151	-2.84%	1.74%	± 51%	Jan. 06, 2025	21.8	22.3
3690	37.710	3.108	36.636	3.162	-2.85%	1.75%	± 52%	Jan. 06, 2025	21.8	22.3
3700	37.700	3.118	36.625	3.172	-2.85%	1.73%	± 53%	Jan. 06, 2025	21.8	22.3
3750	37.650	3.170	36.570	3.224	-2.87%	1.70%	± 54%	Jan. 06, 2025	21.8	22.3
3795	37.605	3.217	36.521	3.271	-2.88%	1.68%	± 55%	Jan. 06, 2025	21.8	22.3
3840	37.560	3.264	36.433	3.293	-3.00%	0.90%	± 56%	Jan. 07, 2025	21.7	22.2
3885	37.515	3.310	36.384	3.339	-3.01%	0.86%	± 57%	Jan. 07, 2025	21.7	22.2
3900	37.500	3.326	36.368	3.354	-3.02%	0.84%	± 58%	Jan. 07, 2025	21.7	22.2
3930	37.470	3.357	36.335	3.385	-3.03%	0.83%	± 59%	Jan. 07, 2025	21.7	22.2

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3.4 The composition of the tissue simulating liquid:

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

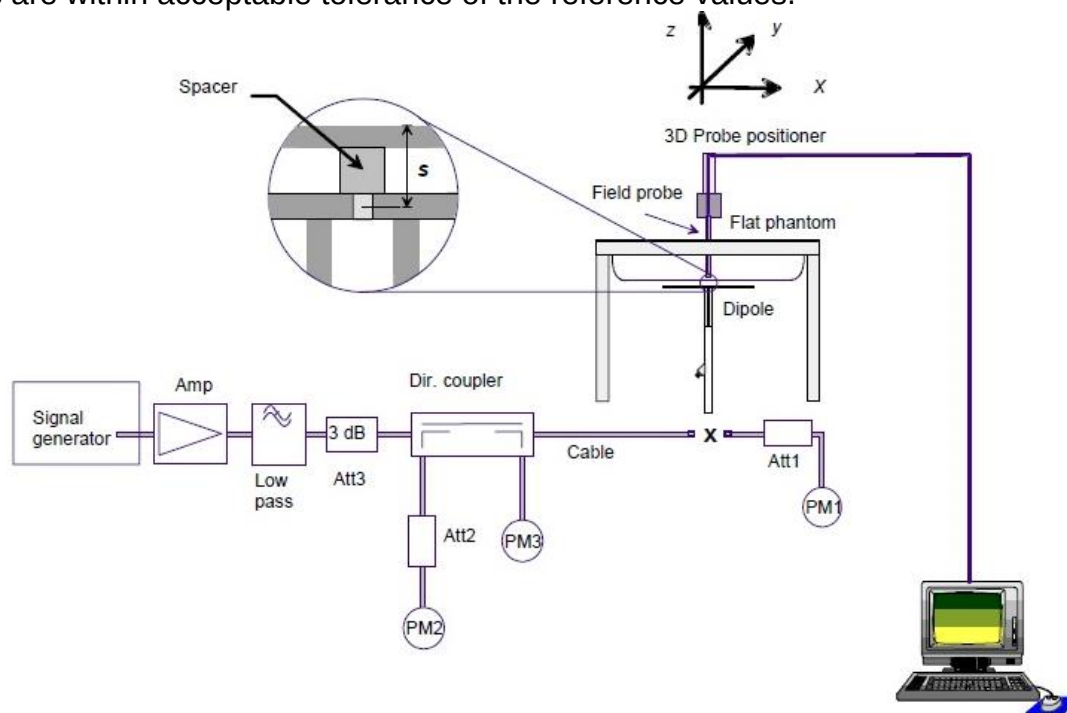
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

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	8.51	2.22	8.88	4.35	± 10%	Dec.19,2024
D835V2	4d063	835	9.4	2.41	9.64	2.55	± 10%	Dec.20,2024
D1750V2	1158	1750	36.3	9.12	36.48	0.50	± 10%	Dec.21,2024
D1900V2	5d173	1900	39.9	9.62	38.48	-3.56	± 10%	Dec.22,2024
D2300V2	1009	2300	49.7	12.6	50.4	1.41	± 10%	Dec.23,2024
D2600V2	1005	2600	56	13.4	53.6	-4.29	± 10%	Dec.24,2024
D2600V2	1005	2600	56	13.5	54	-3.57	± 10%	Dec.25,2024
D2600V2	1005	2600	56	13.6	54.4	-2.86	± 10%	Dec.26,2024
D2600V2	1005	2600	56	13.7	54.8	-2.14	± 10%	Dec.27,2024
D2600V2	1005	2600	56	13.9	55.6	-0.71	± 10%	Dec.28,2024
D2600V2	1005	2600	56	13.9	55.6	-0.71	± 10%	Dec.29,2024
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	66	6.42	64.2	-2.73	± 10%	Dec.30,2024
D3500V2	1009	3500	66	6.62	66.2	0.30	± 10%	Dec.31,2024
D3500V2	1009	3500	66	6.62	66.2	0.30	± 10%	Jan.01,2025
D3500V2	1009	3500	66	6.51	65.1	-1.36	± 10%	Jan.02,2025
D3700V2	1057	3700	67.5	6.5	65	-3.70	± 10%	Jan.03,2025
D3700V2	1057	3700	67.5	6.48	64.8	-4.00	± 10%	Jan.04,2025
D3700V2	1057	3700	67.5	6.81	68.1	0.89	± 10%	Jan.05,2025
D3700V2	1057	3700	67.5	6.91	69.1	2.37	± 10%	Jan.06,2025
D3900V2	1032	3900	66.9	6.85	68.5	2.39	± 10%	Jan.07,2025

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4 TEST CONFIGURATIONS

4.1 Test Environment

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

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

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 $\leq 0.8 \text{ W/kg}$, when the transmission band is $\leq 100 \text{ MHz}$. According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is $\geq 0.8 \text{ W/kg}$, repeated that measurement once. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is $\geq 1.45 \text{ W/kg}$ ($\sim 10\%$ from the 1-g SAR limit).
- **LTE:** LTE modes test according to **KDB 941225D05v02r05**.
 - a. Per Section 5.2.1, the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation.
 - Using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
 - When the reported SAR is $\leq 0.8 \text{ W/kg}$, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.
 - When the reported SAR of a required test channel is $> 1.45 \text{ W/kg}$, SAR is required for all three RB offset configurations for that required test channel.
 - b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation
 - The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.
 - c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for QPSK with 100% RB allocation

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- 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 $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

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

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

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

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

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tabulated as below.

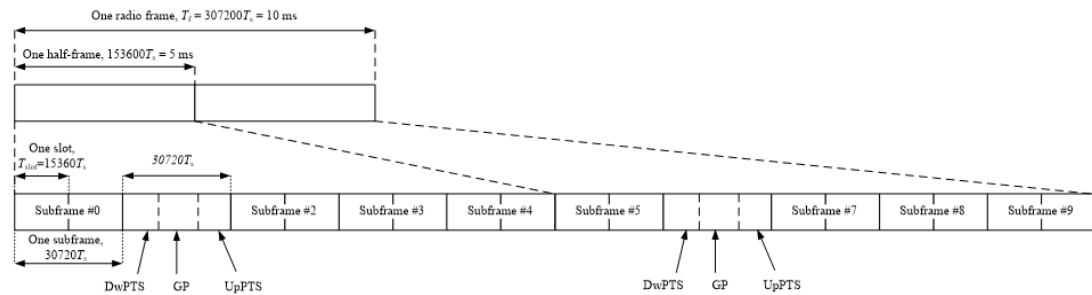


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

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

Special subframe configuration n	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	GP	UpPTS	DwPTS	GP	UpPTS
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	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
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	D	D	S	U	U	D
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	U	D	D	S	U	U	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%.

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- **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 $\frac{1}{4}$ 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 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 $\frac{1}{4}$ 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 $\leq$ 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 $\frac{1}{2}$ dB higher than $P_{i/2}$ BPSK and QPSK. **b.** For power measurement reduction of DFT-s-OFDM, 16QAM/64QAM/256QAM will not higher than $P_{i/2}$ BPSK and QPSK based on 3GPP MPR table, so $P_{i/2}$ BPSK and QPSK

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

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4.3 Test position

Tablet mode SAR test position (0mm)

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

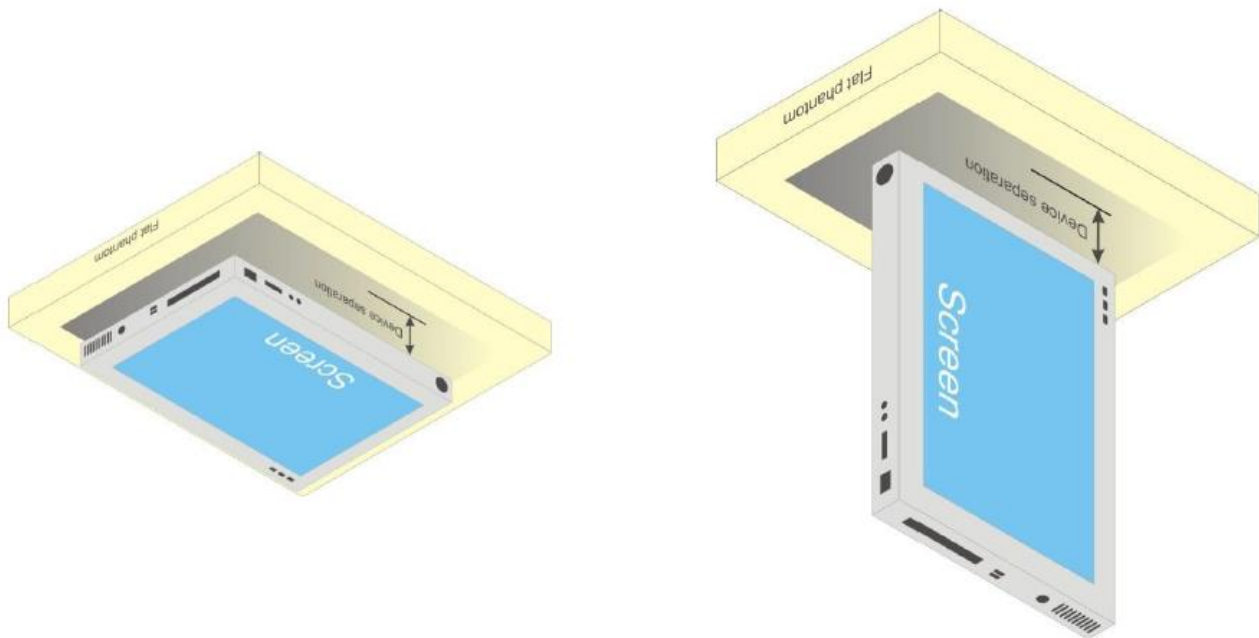


Illustration for Tablet Setup

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4.4 Power verification of device mode

The device is a convertible laptop computer with predefined single fixed power to each device modes. For the device modes verification, the measured conducted output power is monitored qualitatively to identify the triggering characteristics and recorded quantitatively.

Device Mode	Lid Open Angle description Lid Close → Laptop → Tablet	Lid Open Angle description Tablet → Laptop → Lid Close	Mode Reported to OS
Lid Close	$0^{\circ} \leq \text{Lid angle} < 12.5^{\circ}$ (GMR Sensor Trigger)	$0^{\circ} \leq \text{Lid angle} < 12.5^{\circ}$ (GMR Sensor Trigger)	Standby
Laptop	$12.5^{\circ} \leq \text{Lid angle} < 200^{\circ}$ (G-Sensor Trigger)	$12.5^{\circ} \leq \text{Lid angle} < 160^{\circ}$ (G-Sensor Trigger)	Notebook
Tablet	$200^{\circ} \leq \text{Lid angle} \leq 360^{\circ}$ (G-Sensor Trigger)	$160^{\circ} \leq \text{Lid angle} \leq 360^{\circ}$ (G-Sensor Trigger)	Non-notebook

Results and conclusion

The measured output power versus lid angle is tabulated in the following table based on the guidance from 2019-11 TCB workshop, and the triggering verification complies with the device mode / power level declared by the manufacturer.

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Device mode verification by power measurement

Ant5

[illegible]

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4.5 Test limit

[§ 2.1093\(d\)\(1\)](#)

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

Radiofrequency radiation exposure limits.

[§ 1.1310\(a\)](#)

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

[§ 1.1310\(b\)](#)

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

[§ 1.1310\(c\)](#)

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

Note to paragraphs (a) through (c):

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

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

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

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

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

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

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

Table 1 to [§ 1.1310\(e\)\(1\)](#) - Limits for Maximum Permissible Exposure (MPE)

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5 MAXIMUM OUTPUT POWER

5.1 WCDMA

Notebook mode

Ant5

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	23.31	23.27	23.11
3GPP Rel 5	HSDPA Subtest-1	23.20	23.14	23.04
	HSDPA Subtest-2	23.14	23.17	22.88
	HSDPA Subtest-3	22.60	22.71	22.54
	HSDPA Subtest-4	22.65	22.57	22.45
3GPP Rel 6	HSUPA Subtest-1	23.11	23.02	22.95
	HSUPA Subtest-2	21.18	21.13	20.98
	HSUPA Subtest-3	22.11	22.17	22.03
	HSUPA Subtest-4	21.11	21.22	20.86
	HSUPA Subtest-5	23.08	23.13	23.02
3GPP Rel 7	HSPA+	20.66	20.58	20.49
3GPP Rel 8	DC-HSDPA Subtest-1	23.09	23.21	23.04
	DC-HSDPA Subtest-2	23.11	22.99	22.91
	DC-HSDPA Subtest-3	22.61	22.53	22.45
	DC-HSDPA Subtest-4	22.65	22.54	22.49

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Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	22.82	23.02	23.17
3GPP Rel 5	HSDPA Subtest-1	22.57	22.83	23.03
	HSDPA Subtest-2	22.55	22.85	22.94
	HSDPA Subtest-3	22.18	22.35	22.57
	HSDPA Subtest-4	22.17	22.40	22.53
3GPP Rel 6	HSUPA Subtest-1	22.57	22.95	22.91
	HSUPA Subtest-2	20.68	20.84	21.10
	HSUPA Subtest-3	21.67	21.86	21.94
	HSUPA Subtest-4	20.56	20.94	20.98
	HSUPA Subtest-5	22.59	22.86	23.08
3GPP Rel 7	HSPA+	20.27	20.44	20.51
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.93	23.07
	DC-HSDPA Subtest-2	22.77	22.81	22.87
	DC-HSDPA Subtest-3	22.16	22.36	22.41
	DC-HSDPA Subtest-4	22.16	22.35	22.59

Band		WCDMA IV		
TX Channel		1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	23.21	23.08	23.19
3GPP Rel 5	HSDPA Subtest-1	23.14	22.85	23.12
	HSDPA Subtest-2	23.01	23.01	22.94
	HSDPA Subtest-3	22.57	22.41	22.60
	HSDPA Subtest-4	22.56	22.52	22.51
3GPP Rel 6	HSUPA Subtest-1	23.10	22.95	22.95
	HSUPA Subtest-2	20.97	21.01	20.94
	HSUPA Subtest-3	22.01	21.88	22.02
	HSUPA Subtest-4	21.12	20.85	21.03
	HSUPA Subtest-5	23.16	22.92	22.96
3GPP Rel 7	HSPA+	20.54	20.32	20.52
3GPP Rel 8	DC-HSDPA Subtest-1	22.95	22.92	22.92
	DC-HSDPA Subtest-2	22.99	22.94	23.08
	DC-HSDPA Subtest-3	22.46	22.48	22.55
	DC-HSDPA Subtest-4	22.52	22.39	22.43

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Tablet mode

Ant5

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		18.50		
3GPP Rel 99	RMC 12.2Kbps	18.36	18.20	18.20
3GPP Rel 5	HSDPA Subtest-1	18.25	18.09	18.00
	HSDPA Subtest-2	18.12	17.98	18.13
	HSDPA Subtest-3	17.69	17.50	17.58
	HSDPA Subtest-4	17.65	17.65	17.53
3GPP Rel 6	HSUPA Subtest-1	18.27	18.00	18.02
	HSUPA Subtest-2	16.15	15.92	16.05
	HSUPA Subtest-3	17.21	17.07	17.00
	HSUPA Subtest-4	16.22	16.14	15.96
	HSUPA Subtest-5	18.14	18.08	18.09
3GPP Rel 7	HSPA+	15.71	15.62	15.61
3GPP Rel 8	DC-HSDPA Subtest-1	18.15	18.11	18.08
	DC-HSDPA Subtest-2	18.14	18.04	18.08
	DC-HSDPA Subtest-3	17.58	17.61	17.43
	DC-HSDPA Subtest-4	17.77	17.45	17.58

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Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		16.50		
3GPP Rel 99	RMC 12.2Kbps	15.76	15.84	16.10
3GPP Rel 5	HSDPA Subtest-1	15.59	15.64	16.01
	HSDPA Subtest-2	15.60	15.60	15.92
	HSDPA Subtest-3	15.16	15.18	15.52
	HSDPA Subtest-4	15.11	15.20	15.41
3GPP Rel 6	HSUPA Subtest-1	15.57	15.66	15.90
	HSUPA Subtest-2	13.60	13.56	14.01
	HSUPA Subtest-3	14.52	14.70	14.94
	HSUPA Subtest-4	13.51	13.57	14.00
	HSUPA Subtest-5	15.62	15.76	15.99
3GPP Rel 7	HSPA+	13.18	13.13	13.54
3GPP Rel 8	DC-HSDPA Subtest-1	15.66	15.73	15.88
	DC-HSDPA Subtest-2	15.58	15.70	16.02
	DC-HSDPA Subtest-3	15.04	15.05	15.46
	DC-HSDPA Subtest-4	15.03	15.06	15.41

Band		WCDMA IV		
TX Channel		1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		17.00		
3GPP Rel 99	RMC 12.2Kbps	16.25	16.15	16.26
3GPP Rel 5	HSDPA Subtest-1	16.03	16.04	16.15
	HSDPA Subtest-2	16.19	16.12	16.03
	HSDPA Subtest-3	15.64	15.56	15.67
	HSDPA Subtest-4	15.56	15.49	15.66
3GPP Rel 6	HSUPA Subtest-1	16.11	16.00	16.14
	HSUPA Subtest-2	14.12	14.04	14.15
	HSUPA Subtest-3	15.04	14.91	15.08
	HSUPA Subtest-4	14.03	14.05	14.17
	HSUPA Subtest-5	15.99	16.06	16.12
3GPP Rel 7	HSPA+	13.56	13.43	13.57
3GPP Rel 8	DC-HSDPA Subtest-1	16.06	16.11	16.08
	DC-HSDPA Subtest-2	16.00	16.06	16.07
	DC-HSDPA Subtest-3	15.59	15.49	15.70
	DC-HSDPA Subtest-4	15.63	15.45	15.53

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5.2 FDD LTE

Notebook mode

Ant5

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	23.22	23.08	23.01	24.00	0
		1	25	23.05	22.96	22.82	24.00	0
		1	49	23.07	22.88	22.81	24.00	0
		25	0	22.01	21.95	21.89	23.00	1
		25	12	22.09	21.92	21.81	23.00	1
		25	25	21.94	21.88	21.86	23.00	1
		50	0	22.03	21.90	21.82	23.00	1
10	16-QAM	1	0	21.99	21.96	21.90	23.00	1
		1	25	22.19	21.95	21.78	23.00	1
		1	49	22.03	21.83	21.73	23.00	1
		25	0	21.07	20.92	20.86	22.00	2
		25	12	20.99	21.04	20.97	22.00	2
		25	25	21.12	21.01	20.78	22.00	2
		50	0	21.06	20.84	20.93	22.00	2
10	64-QAM	1	0	21.03	21.00	20.81	22.00	2
		1	25	21.08	20.91	20.77	22.00	2
		1	49	21.11	20.93	20.76	22.00	2
		25	0	20.02	19.92	19.90	21.00	3
		25	12	20.05	20.02	19.86	21.00	3
		25	25	20.02	19.93	19.89	21.00	3
		50	0	20.15	19.85	19.93	21.00	3
10	256-QAM	1	0	20.05	19.93	19.87	21.00	3
		1	25	20.14	19.95	19.87	21.00	3
		1	49	20.09	19.89	19.82	21.00	3
		25	0	19.02	18.89	18.86	20.00	4
		25	12	19.07	18.89	18.90	20.00	4
		25	25	19.02	18.93	18.86	20.00	4
		50	0	19.03	18.93	18.96	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	23.11	22.89	22.86	24.00	0
		1	12	23.04	22.89	22.85	24.00	0
		1	24	22.95	22.87	22.87	24.00	0
		12	0	21.92	21.88	21.80	23.00	1
		12	6	22.04	21.92	21.83	23.00	1
		12	13	22.16	21.98	21.81	23.00	1
		25	0	21.97	22.00	21.89	23.00	1
5	16-QAM	1	0	22.07	22.00	21.86	23.00	1
		1	12	22.08	22.01	21.73	23.00	1
		1	24	22.09	22.01	21.91	23.00	1
		12	0	21.11	20.91	20.88	22.00	2
		12	6	21.09	20.85	20.89	22.00	2
		12	13	21.04	20.89	20.73	22.00	2
		25	0	21.00	20.88	20.82	22.00	2
5	64-QAM	1	0	21.04	20.91	20.90	22.00	2
		1	12	21.05	20.91	20.83	22.00	2
		1	24	21.02	20.96	20.82	22.00	2
		12	0	20.20	19.83	19.86	21.00	3
		12	6	20.04	19.90	19.79	21.00	3
		12	13	20.06	19.84	19.97	21.00	3
		25	0	20.03	19.97	19.81	21.00	3
5	256-QAM	1	0	19.97	19.93	19.83	21.00	3
		1	12	20.02	19.95	19.92	21.00	3
		1	24	20.01	19.90	19.86	21.00	3
		12	0	18.98	18.88	18.89	20.00	4
		12	6	19.11	18.95	18.79	20.00	4
		12	13	19.07	18.98	18.83	20.00	4
		25	0	19.00	18.98	18.95	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	23.09	22.99	22.78	24.00	0
		1	7	23.10	23.03	22.75	24.00	0
		1	14	23.12	23.05	22.84	24.00	0
		8	0	21.95	21.98	21.88	23.00	1
		8	4	22.10	22.02	21.85	23.00	1
		8	7	22.07	21.97	21.84	23.00	1
		15	0	22.04	21.89	21.74	23.00	1
3	16-QAM	1	0	22.01	21.81	21.82	23.00	1
		1	7	21.99	22.01	21.80	23.00	1
		1	14	22.04	21.85	21.87	23.00	1
		8	0	21.05	21.00	20.88	22.00	2
		8	4	21.12	20.94	20.79	22.00	2
		8	7	20.96	20.92	20.79	22.00	2
		15	0	21.06	20.93	20.84	22.00	2
3	64-QAM	1	0	20.97	21.03	20.84	22.00	2
		1	7	20.97	20.86	20.88	22.00	2
		1	14	21.09	20.89	20.87	22.00	2
		8	0	20.05	19.88	19.93	21.00	3
		8	4	20.03	19.87	19.92	21.00	3
		8	7	20.05	20.04	19.73	21.00	3
		15	0	20.10	19.89	19.78	21.00	3
3	256-QAM	1	0	20.00	20.03	19.88	21.00	3
		1	7	19.93	19.94	19.84	21.00	3
		1	14	20.09	19.94	19.97	21.00	3
		8	0	19.02	18.88	18.79	20.00	4
		8	4	19.02	18.83	18.94	20.00	4
		8	7	19.08	18.97	18.73	20.00	4
		15	0	19.01	18.90	18.86	20.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	22.90	22.77	22.57	24.00	0
		1	2	22.90	22.84	22.66	24.00	0
		1	5	22.90	22.71	22.65	24.00	0
		3	0	22.95	22.91	22.64	24.00	0
		3	2	22.91	22.87	22.65	24.00	0
		3	3	22.95	22.84	22.56	24.00	0
		6	0	22.03	21.85	21.70	23.00	1
1.4	16-QAM	1	0	21.90	21.90	21.69	23.00	1
		1	2	21.94	21.81	21.55	23.00	1
		1	5	21.89	21.95	21.52	23.00	1
		3	0	21.94	21.80	21.69	23.00	1
		3	2	21.90	21.74	21.67	23.00	1
		3	3	21.97	21.71	21.58	23.00	1
		6	0	20.88	20.78	20.62	22.00	2
1.4	64-QAM	1	0	20.87	20.97	20.61	22.00	2
		1	2	21.04	20.79	20.74	22.00	2
		1	5	20.93	20.73	20.69	22.00	2
		3	0	20.89	20.75	20.73	22.00	2
		3	2	20.98	20.92	20.63	22.00	2
		3	3	20.88	20.75	20.54	22.00	2
		6	0	19.88	19.73	19.60	21.00	3
1.4	256-QAM	1	0	19.85	19.81	19.65	21.00	3
		1	2	19.81	19.78	19.56	21.00	3
		1	5	19.92	19.79	19.70	21.00	3
		3	0	19.81	19.85	19.67	21.00	3
		3	2	19.93	19.81	19.59	21.00	3
		3	3	19.99	19.79	19.68	21.00	3
		6	0	18.91	18.76	18.57	20.00	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				704	707.5	711		
Channel				23060	23095	23130		
10	QPSK	1	0	23.05	22.98	22.97	24.00	0
		1	25	22.85	22.80	22.84	24.00	0
		1	49	22.76	22.83	22.72	24.00	0
		25	0	22.94	22.68	22.77	23.00	1
		25	12	22.92	22.85	22.68	23.00	1
		25	25	22.90	22.66	22.74	23.00	1
		50	0	21.87	21.75	21.91	23.00	1
10	16-QAM	1	0	21.86	21.79	21.83	23.00	1
		1	25	21.98	21.75	21.80	23.00	1
		1	49	21.85	21.76	21.76	23.00	1
		25	0	21.90	21.92	21.72	22.00	2
		25	12	21.94	21.75	21.80	22.00	2
		25	25	21.81	21.94	21.68	22.00	2
		50	0	20.89	20.72	20.90	22.00	2
10	64-QAM	1	0	20.86	20.80	20.70	22.00	2
		1	25	20.84	20.87	20.70	22.00	2
		1	49	20.82	20.79	20.82	22.00	2
		25	0	20.92	20.82	20.80	21.00	3
		25	12	20.90	20.78	20.85	21.00	3
		25	25	20.93	20.88	20.95	21.00	3
		50	0	19.81	19.92	19.90	21.00	3
10	256-QAM	1	0	19.94	19.95	19.78	21.00	3
		1	25	19.79	19.75	19.88	21.00	3
		1	49	19.93	19.80	19.79	21.00	3
		25	0	19.90	19.93	19.79	20.00	4
		25	12	19.94	19.85	19.74	20.00	4
		25	25	19.93	19.81	19.91	20.00	4
		50	0	18.93	18.83	18.91	20.00	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				23035	23095	23155		
5	QPSK	1	0	22.96	22.77	22.67	24.00	0
		1	12	22.85	22.80	22.84	24.00	0
		1	24	22.76	22.83	22.72	24.00	0
		12	0	22.94	22.68	22.77	23.00	1
		12	6	22.94	22.85	22.68	23.00	1
		12	13	22.90	22.68	22.74	23.00	1
		25	0	21.87	21.75	21.91	23.00	1
5	16-QAM	1	0	21.86	21.79	21.83	23.00	1
		1	12	21.98	21.75	21.80	23.00	1
		1	24	21.85	21.76	21.76	23.00	1
		12	0	21.90	21.92	21.72	22.00	2
		12	6	21.94	21.75	21.80	22.00	2
		12	13	21.81	21.94	21.68	22.00	2
		25	0	20.89	20.72	20.90	22.00	2
5	64-QAM	1	0	20.86	20.80	20.70	22.00	2
		1	12	20.84	20.87	20.70	22.00	2
		1	24	20.82	20.79	20.82	22.00	2
		12	0	20.92	20.82	20.80	21.00	3
		12	6	20.90	20.78	20.85	21.00	3
		12	13	20.93	20.88	20.95	21.00	3
		25	0	19.81	19.92	19.90	21.00	3
5	256-QAM	1	0	19.94	19.95	19.78	21.00	3
		1	12	19.79	19.75	19.88	21.00	3
		1	24	19.93	19.80	19.79	21.00	3
		12	0	19.90	19.93	19.79	20.00	4
		12	6	19.94	19.85	19.74	20.00	4
		12	13	19.93	19.81	19.91	20.00	4
		25	0	18.93	18.83	18.91	20.00	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				700.5	707.5	714.5		
Channel				23025	23095	23165		
3	QPSK	1	0	22.79	22.85	22.77	24.00	0
		1	7	23.00	22.88	22.81	24.00	0
		1	14	22.82	22.89	22.88	24.00	0
		8	0	22.88	22.88	22.80	23.00	1
		8	4	22.81	22.87	22.82	23.00	1
		8	7	22.92	22.80	22.72	23.00	1
		15	0	21.84	21.81	21.73	23.00	1
3	16-QAM	1	0	21.92	21.91	21.75	23.00	1
		1	7	21.85	21.78	21.90	23.00	1
		1	14	21.84	21.80	21.77	23.00	1
		8	0	21.99	21.89	21.89	22.00	2
		8	4	21.88	21.70	21.82	22.00	2
		8	7	21.86	21.82	21.78	22.00	2
		15	0	20.81	20.92	20.89	22.00	2
3	64-QAM	1	0	20.99	20.82	20.74	22.00	2
		1	7	20.88	20.83	20.82	22.00	2
		1	14	20.89	20.84	20.73	22.00	2
		8	0	20.93	20.86	20.87	21.00	3
		8	4	20.80	20.83	20.75	21.00	3
		8	7	20.93	20.74	20.95	21.00	3
		15	0	19.82	19.78	19.80	21.00	3
3	256-QAM	1	0	19.78	19.85	19.76	21.00	3
		1	7	19.96	19.80	19.77	21.00	3
		1	14	19.98	19.80	19.88	21.00	3
		8	0	19.93	19.78	19.81	20.00	4
		8	4	19.79	19.78	19.77	20.00	4
		8	7	19.92	19.87	19.80	20.00	4
		15	0	18.87	18.91	18.79	20.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	22.86	22.80	22.78	24.00	0
		1	2	22.75	22.86	22.79	24.00	0
		1	5	22.88	22.85	22.90	24.00	0
		3	0	22.95	22.77	22.83	24.00	0
		3	2	22.96	22.77	22.78	24.00	0
		3	3	22.89	22.72	22.84	24.00	0
		6	0	21.77	21.88	21.81	23.00	1
1.4	16-QAM	1	0	21.84	21.83	21.85	23.00	1
		1	2	21.94	21.81	21.88	23.00	1
		1	5	21.94	21.84	21.75	23.00	1
		3	0	21.91	21.91	21.88	23.00	1
		3	2	21.91	21.79	21.86	23.00	1
		3	3	21.94	21.76	21.75	23.00	1
		6	0	21.01	20.84	20.74	22.00	2
1.4	64-QAM	1	0	20.79	20.86	20.77	22.00	2
		1	2	20.96	20.79	20.78	22.00	2
		1	5	20.87	20.68	20.82	22.00	2
		3	0	20.89	20.71	20.69	22.00	2
		3	2	20.98	20.87	20.85	22.00	2
		3	3	21.00	20.78	20.73	22.00	2
		6	0	19.77	19.85	19.71	21.00	3
1.4	256-QAM	1	0	19.92	19.88	19.76	21.00	3
		1	2	19.92	19.90	19.88	21.00	3
		1	5	19.86	19.78	19.77	21.00	3
		3	0	19.96	19.80	19.79	21.00	3
		3	2	19.89	19.82	19.75	21.00	3
		3	3	19.85	19.81	19.82	21.00	3
		6	0	18.94	18.78	18.81	20.00	4

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				782				
Channel				23230				
10	QPSK	1	0	23.05			24.00	0
		1	25	23.01			24.00	0
		1	49	22.88			24.00	0
		25	0	22.86			23.00	1
		25	12	22.82			23.00	1
		25	25	22.80			23.00	1
		50	0	21.91			23.00	1
10	16-QAM	1	0	21.88			23.00	1
		1	25	21.84			23.00	1
		1	49	21.84			23.00	1
		25	0	21.96			22.00	2
		25	12	21.87			22.00	2
		25	25	21.84			22.00	2
		50	0	20.99			22.00	2
10	64-QAM	1	0	20.82			22.00	2
		1	25	20.82			22.00	2
		1	49	20.88			22.00	2
		25	0	20.76			21.00	3
		25	12	20.93			21.00	3
		25	25	20.86			21.00	3
		50	0	19.87			21.00	3
10	256-QAM	1	0	19.81			21.00	3
		1	25	19.96			21.00	3
		1	49	19.90			21.00	3
		25	0	19.76			20.00	4
		25	12	19.81			20.00	4
		25	25	19.84			20.00	4
		50	0	18.99			20.00	4

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				779.5	782	784.5		
Channel				23205	23230	23255		
5	QPSK	1	0	22.85	22.92	22.93	24.00	0
		1	12	23.01	22.95	22.87	24.00	0
		1	24	22.88	22.94	22.79	24.00	0
		12	0	22.86	22.85	22.89	23.00	1
		12	6	22.82	22.96	22.82	23.00	1
		12	13	22.80	22.91	22.86	23.00	1
		25	0	21.91	21.90	21.99	23.00	1
5	16-QAM	1	0	21.88	21.90	21.80	23.00	1
		1	12	21.84	21.90	21.94	23.00	1
		1	24	21.84	21.81	21.86	23.00	1
		12	0	21.96	21.77	21.88	22.00	2
		12	6	21.87	21.89	21.95	22.00	2
		12	13	21.84	21.93	21.81	22.00	2
		25	0	20.99	21.03	20.92	22.00	2
5	64-QAM	1	0	20.82	20.96	21.00	22.00	2
		1	12	20.82	20.90	20.92	22.00	2
		1	24	20.88	20.86	20.95	22.00	2
		12	0	20.76	20.84	20.89	21.00	3
		12	6	20.93	20.90	20.86	21.00	3
		12	13	20.86	20.87	20.99	21.00	3
		25	0	19.87	19.84	19.83	21.00	3
5	256-QAM	1	0	19.81	19.81	20.00	21.00	3
		1	12	19.96	19.76	19.87	21.00	3
		1	24	19.90	19.85	19.84	21.00	3
		12	0	19.76	19.91	19.84	20.00	4
		12	6	19.81	19.83	19.77	20.00	4
		12	13	19.84	19.92	19.89	20.00	4
		25	0	18.99	18.94	18.94	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)				793				
Channel				23330				
10	QPSK	1	0	23.11			24.00	0
		1	25	22.91			24.00	0
		1	49	22.90			24.00	0
		25	0	22.86			23.00	1
		25	12	22.92			23.00	1
		25	25	22.96			23.00	1
		50	0	21.94			23.00	1
10	16-QAM	1	0	21.93			23.00	1
		1	25	21.90			23.00	1
		1	49	21.96			23.00	1
		25	0	21.99			22.00	2
		25	12	21.95			22.00	2
		25	25	21.92			22.00	2
		50	0	20.91			22.00	2
10	64-QAM	1	0	20.97			22.00	2
		1	25	20.92			22.00	2
		1	49	20.96			22.00	2
		25	0	20.87			21.00	3
		25	12	20.85			21.00	3
		25	25	20.88			21.00	3
		50	0	19.89			21.00	3
10	256-QAM	1	0	19.97			21.00	3
		1	25	20.04			21.00	3
		1	49	20.03			21.00	3
		25	0	19.99			20.00	4
		25	12	19.95			20.00	4
		25	25	19.91			20.00	4
		50	0	18.83			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	22.88	22.90	22.96	24.00	0
		1	12	22.98	22.91	22.98	24.00	0
		1	24	22.91	22.98	23.06	24.00	0
		12	0	22.94	22.96	22.91	23.00	1
		12	6	22.98	22.94	22.95	23.00	1
		12	13	22.97	22.97	22.96	23.00	1
		25	0	22.02	21.91	21.93	23.00	1
5	16-QAM	1	0	21.88	21.96	21.87	23.00	1
		1	12	21.93	21.81	21.92	23.00	1
		1	24	21.93	21.99	21.92	23.00	1
		12	0	21.97	21.94	21.87	22.00	2
		12	6	21.97	21.92	21.84	22.00	2
		12	13	21.99	21.96	21.92	22.00	2
		25	0	20.90	20.98	20.93	22.00	2
5	64-QAM	1	0	20.84	21.06	20.96	22.00	2
		1	12	20.96	21.00	21.05	22.00	2
		1	24	20.94	20.94	21.05	22.00	2
		12	0	20.94	20.94	20.98	21.00	3
		12	6	20.92	20.97	20.94	21.00	3
		12	13	20.92	20.85	20.97	21.00	3
		25	0	19.93	20.00	19.93	21.00	3
5	256-QAM	1	0	20.00	20.08	19.85	21.00	3
		1	12	19.91	20.04	19.91	21.00	3
		1	24	19.92	19.84	20.05	21.00	3
		12	0	19.92	19.89	19.90	20.00	4
		12	6	19.96	19.92	19.90	20.00	4
		12	13	19.90	19.89	19.89	20.00	4
		25	0	18.87	18.91	18.94	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	22.94	22.96	22.92	24.00	0
		1	25	22.85	22.74	22.69	24.00	0
		1	49	22.81	22.73	22.72	24.00	0
		25	0	22.84	22.77	22.81	23.00	1
		25	12	22.72	22.82	22.80	23.00	1
		25	25	22.81	22.78	22.89	23.00	1
		50	0	21.80	21.68	21.77	23.00	1
10	16-QAM	1	0	21.76	21.73	21.68	23.00	1
		1	25	21.79	21.86	21.78	23.00	1
		1	49	21.70	21.76	21.63	23.00	1
		25	0	21.79	21.82	21.85	22.00	2
		25	12	21.75	21.83	21.71	22.00	2
		25	25	21.77	21.90	21.86	22.00	2
		50	0	20.74	20.87	20.72	22.00	2
10	64-QAM	1	0	20.80	20.77	20.83	22.00	2
		1	25	20.85	20.81	20.75	22.00	2
		1	49	20.79	20.71	20.84	22.00	2
		25	0	20.73	20.81	20.73	21.00	3
		25	12	20.77	20.88	20.76	21.00	3
		25	25	20.81	20.81	20.80	21.00	3
		50	0	19.82	19.88	19.67	21.00	3
10	256-QAM	1	0	19.83	19.79	19.82	21.00	3
		1	25	19.74	19.77	19.79	21.00	3
		1	49	19.75	19.76	19.66	21.00	3
		25	0	19.87	19.78	19.81	20.00	4
		25	12	19.75	19.80	19.81	20.00	4
		25	25	19.73	19.83	19.76	20.00	4
		50	0	18.77	18.83	18.87	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)				706.5	710	713.5		
Channel				23755	23790	23825		
5	QPSK	1	0	22.74	22.67	22.70	24.00	0
		1	12	22.79	22.81	22.65	24.00	0
		1	24	22.74	22.79	22.71	24.00	0
		12	0	22.83	22.80	22.80	23.00	1
		12	6	22.73	22.86	22.70	23.00	1
		12	13	22.82	22.87	22.72	23.00	1
		25	0	21.82	21.71	21.72	23.00	1
5	16-QAM	1	0	21.75	21.81	21.78	23.00	1
		1	12	21.67	21.79	21.74	23.00	1
		1	24	21.75	21.79	21.73	23.00	1
		12	0	21.79	21.68	21.79	22.00	2
		12	6	21.80	21.81	21.72	22.00	2
		12	13	21.81	21.78	21.67	22.00	2
		25	0	20.66	20.75	20.70	22.00	2
5	64-QAM	1	0	20.71	20.72	20.70	22.00	2
		1	12	20.72	20.73	20.69	22.00	2
		1	24	20.80	20.77	20.82	22.00	2
		12	0	20.74	20.78	20.79	21.00	3
		12	6	20.75	20.87	20.78	21.00	3
		12	13	20.79	20.82	20.73	21.00	3
		25	0	19.92	19.87	19.71	21.00	3
5	256-QAM	1	0	19.75	19.82	19.83	21.00	3
		1	12	19.78	19.84	19.85	21.00	3
		1	24	19.79	19.79	19.81	21.00	3
		12	0	19.78	19.69	19.69	20.00	4
		12	6	19.82	19.82	19.74	20.00	4
		12	13	19.78	19.78	19.75	20.00	4
		25	0	18.84	18.73	18.76	20.00	4

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				821.5	831.5	841.5		
Channel				26765	26865	26965		
15	QPSK	1	0	22.74	22.58	22.41	24.00	0
		1	36	22.55	22.43	22.27	24.00	0
		1	74	22.56	22.49	22.24	24.00	0
		36	0	22.49	22.51	22.21	23.00	1
		36	18	22.46	22.39	22.31	23.00	1
		36	37	22.57	22.39	22.29	23.00	1
		75	0	21.48	21.45	21.22	23.00	1
15	16-QAM	1	0	21.52	21.48	21.24	23.00	1
		1	36	21.53	21.45	21.30	23.00	1
		1	74	21.63	21.40	21.22	23.00	1
		36	0	21.65	21.29	21.20	22.00	2
		36	18	21.66	21.42	21.30	22.00	2
		36	37	21.59	21.44	21.26	22.00	2
		75	0	20.54	20.35	20.31	22.00	2
15	64-QAM	1	0	20.59	20.50	20.18	22.00	2
		1	36	20.58	20.52	20.31	22.00	2
		1	74	20.67	20.42	20.16	22.00	2
		36	0	20.51	20.35	20.19	21.00	3
		36	18	20.53	20.42	20.37	21.00	3
		36	37	20.60	20.40	20.34	21.00	3
		75	0	19.67	19.31	19.30	21.00	3
15	256-QAM	1	0	19.69	19.37	19.32	21.00	3
		1	36	19.63	19.46	19.20	21.00	3
		1	74	19.55	19.29	19.26	21.00	3
		36	0	19.58	19.42	19.25	20.00	4
		36	18	19.56	19.41	19.29	20.00	4
		36	37	19.54	19.42	19.21	20.00	4
		75	0	18.56	18.37	18.25	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	22.54	22.34	22.17	24.00	0
		1	25	22.56	22.38	22.33	24.00	0
		1	49	22.49	22.39	22.30	24.00	0
		25	0	22.59	22.43	22.29	23.00	1
		25	12	22.56	22.49	22.22	23.00	1
		25	25	22.58	22.48	22.37	23.00	1
		50	0	21.53	21.33	21.37	23.00	1
10	16-QAM	1	0	21.59	21.32	21.25	23.00	1
		1	25	21.65	21.51	21.21	23.00	1
		1	49	21.54	21.48	21.32	23.00	1
		25	0	21.45	21.47	21.37	22.00	2
		25	12	21.67	21.49	21.19	22.00	2
		25	25	21.48	21.50	21.17	22.00	2
		50	0	20.62	20.44	20.19	22.00	2
10	64-QAM	1	0	20.59	20.46	20.28	22.00	2
		1	25	20.47	20.55	20.28	22.00	2
		1	49	20.67	20.41	20.22	22.00	2
		25	0	20.57	20.54	20.26	21.00	3
		25	12	20.65	20.38	20.35	21.00	3
		25	25	20.54	20.51	20.36	21.00	3
		50	0	19.57	19.43	19.15	21.00	3
10	256-QAM	1	0	19.61	19.42	19.15	21.00	3
		1	25	19.54	19.44	19.25	21.00	3
		1	49	19.53	19.47	19.25	21.00	3
		25	0	19.54	19.30	19.24	20.00	4
		25	12	19.55	19.46	19.26	20.00	4
		25	25	19.57	19.50	19.28	20.00	4
		50	0	18.54	18.32	18.16	20.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				26715	26865	27015		
5	QPSK	1	0	22.56	22.55	22.24	24.00	0
		1	12	22.46	22.31	22.26	24.00	0
		1	24	22.56	22.42	22.23	24.00	0
		12	0	22.65	22.44	22.37	23.00	1
		12	6	22.54	22.36	22.33	23.00	1
		12	13	22.60	22.39	22.27	23.00	1
		25	0	21.68	21.37	21.23	23.00	1
5	16-QAM	1	0	21.60	21.42	21.29	23.00	1
		1	12	21.60	21.42	21.21	23.00	1
		1	24	21.59	21.38	21.29	23.00	1
		12	0	21.61	21.39	21.28	22.00	2
		12	6	21.59	21.45	21.17	22.00	2
		12	13	21.55	21.50	21.17	22.00	2
		25	0	20.58	20.41	20.21	22.00	2
5	64-QAM	1	0	20.56	20.55	20.26	22.00	2
		1	12	20.63	20.35	20.24	22.00	2
		1	24	20.45	20.40	20.23	22.00	2
		12	0	20.48	20.34	20.13	21.00	3
		12	6	20.50	20.45	20.23	21.00	3
		12	13	20.64	20.32	20.21	21.00	3
		25	0	19.69	19.39	19.30	21.00	3
5	256-QAM	1	0	19.71	19.48	19.13	21.00	3
		1	12	19.53	19.50	19.26	21.00	3
		1	24	19.58	19.44	19.25	21.00	3
		12	0	19.62	19.38	19.23	20.00	4
		12	6	19.57	19.45	19.22	20.00	4
		12	13	19.57	19.46	19.33	20.00	4
		25	0	18.51	18.47	18.17	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	22.60	22.46	22.14	24.00	0
		1	7	22.66	22.50	22.14	24.00	0
		1	14	22.50	22.44	22.28	24.00	0
		8	0	22.65	22.53	22.23	23.00	1
		8	4	22.46	22.50	22.23	23.00	1
		8	7	22.55	22.43	22.23	23.00	1
		15	0	21.65	21.40	21.35	23.00	1
3	16-QAM	1	0	21.58	21.36	21.32	23.00	1
		1	7	21.67	21.39	21.27	23.00	1
		1	14	21.60	21.50	21.33	23.00	1
		8	0	21.58	21.45	21.26	22.00	2
		8	4	21.51	21.34	21.22	22.00	2
		8	7	21.57	21.49	21.22	22.00	2
		15	0	20.63	20.43	20.23	22.00	2
3	64-QAM	1	0	20.48	20.51	20.33	22.00	2
		1	7	20.58	20.56	20.30	22.00	2
		1	14	20.61	20.44	20.29	22.00	2
		8	0	20.65	20.44	20.19	21.00	3
		8	4	20.67	20.47	20.38	21.00	3
		8	7	20.50	20.43	20.16	21.00	3
		15	0	19.50	19.45	19.28	21.00	3
3	256-QAM	1	0	19.59	19.43	19.31	21.00	3
		1	7	19.64	19.49	19.28	21.00	3
		1	14	19.59	19.43	19.30	21.00	3
		8	0	19.71	19.45	19.38	20.00	4
		8	4	19.64	19.42	19.18	20.00	4
		8	7	19.56	19.43	19.22	20.00	4
		15	0	18.59	18.40	18.26	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	22.56	22.51	22.35	24.00	0
		1	2	22.45	22.39	22.36	24.00	0
		1	5	22.64	22.51	22.21	24.00	0
		3	0	22.53	22.41	22.29	24.00	0
		3	2	22.61	22.32	22.37	24.00	0
		3	3	22.61	22.42	22.37	24.00	0
		6	0	21.61	21.41	21.25	23.00	1
1.4	16-QAM	1	0	21.50	21.53	21.23	23.00	1
		1	2	21.62	21.32	21.26	23.00	1
		1	5	21.59	21.43	21.34	23.00	1
		3	0	21.62	21.40	21.30	23.00	1
		3	2	21.57	21.47	21.22	23.00	1
		3	3	21.60	21.34	21.25	23.00	1
		6	0	20.67	20.44	20.30	22.00	2
1.4	64-QAM	1	0	20.51	20.40	20.21	22.00	2
		1	2	20.63	20.46	20.33	22.00	2
		1	5	20.63	20.52	20.31	22.00	2
		3	0	20.57	20.44	20.21	22.00	2
		3	2	20.63	20.34	20.28	22.00	2
		3	3	20.59	20.49	20.32	22.00	2
		6	0	19.51	19.41	19.36	21.00	3
1.4	256-QAM	1	0	19.57	19.45	19.25	21.00	3
		1	2	19.48	19.52	19.29	21.00	3
		1	5	19.58	19.46	19.24	21.00	3
		3	0	19.47	19.50	19.18	21.00	3
		3	2	19.64	19.45	19.17	21.00	3
		3	3	19.56	19.30	19.25	21.00	3
		6	0	18.63	18.39	18.30	20.00	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	23.04	23.01	22.96	24.00	0
		1	50	22.82	22.90	22.78	24.00	0
		1	99	22.80	22.84	22.86	24.00	0
		50	0	22.78	22.83	22.76	23.00	1
		50	25	22.87	22.91	22.71	23.00	1
		50	50	22.97	22.76	22.68	23.00	1
		100	0	21.80	21.87	21.86	23.00	1
20	16-QAM	1	0	21.78	21.80	21.87	23.00	1
		1	50	21.97	21.76	21.74	23.00	1
		1	99	21.82	21.82	21.71	23.00	1
		50	0	21.83	21.94	21.75	22.00	2
		50	25	21.79	21.89	21.84	22.00	2
		50	50	21.91	21.90	21.75	22.00	2
		100	0	20.93	20.77	20.81	22.00	2
20	64-QAM	1	0	20.90	20.80	20.83	22.00	2
		1	50	20.87	20.86	20.91	22.00	2
		1	99	20.84	20.84	20.82	22.00	2
		50	0	20.83	20.75	20.79	21.00	3
		50	25	20.84	20.94	20.74	21.00	3
		50	50	20.84	20.86	20.82	21.00	3
		100	0	19.88	19.80	19.89	21.00	3
20	256-QAM	1	0	19.87	19.80	19.82	21.00	3
		1	50	19.94	19.81	19.75	21.00	3
		1	99	19.85	19.81	19.88	21.00	3
		50	0	19.94	19.92	19.88	20.00	4
		50	25	19.93	19.97	19.69	20.00	4
		50	50	19.86	19.91	19.76	20.00	4
		100	0	18.93	18.86	18.77	20.00	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				133197	133297	133397		
15	QPSK	1	0	22.97	22.89	22.79	24.00	0
		1	36	22.99	22.85	22.73	24.00	0
		1	74	23.02	22.91	22.73	24.00	0
		36	0	22.93	22.84	22.73	23.00	1
		36	18	22.89	22.85	22.82	23.00	1
		36	37	22.85	22.89	22.83	23.00	1
		75	0	21.77	21.87	21.74	23.00	1
15	16-QAM	1	0	21.96	21.88	21.81	23.00	1
		1	36	21.87	21.91	21.67	23.00	1
		1	74	21.89	21.85	21.71	23.00	1
		36	0	21.95	21.88	21.85	22.00	2
		36	18	21.82	21.85	21.82	22.00	2
		36	37	21.80	21.81	21.83	22.00	2
		75	0	20.86	20.76	20.70	22.00	2
15	64-QAM	1	0	20.91	20.86	20.93	22.00	2
		1	36	20.83	20.84	20.70	22.00	2
		1	74	20.89	20.95	20.80	22.00	2
		36	0	20.89	20.80	20.88	21.00	3
		36	18	20.89	20.81	20.92	21.00	3
		36	37	20.83	20.93	20.72	21.00	3
		75	0	19.77	19.79	19.87	21.00	3
15	256-QAM	1	0	19.84	19.89	19.85	21.00	3
		1	36	19.83	19.86	19.69	21.00	3
		1	74	19.86	19.84	19.79	21.00	3
		36	0	19.91	19.87	19.86	20.00	4
		36	18	19.85	19.84	19.86	20.00	4
		36	37	19.99	19.78	19.90	20.00	4
		75	0	18.86	18.89	18.93	20.00	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133172	133297	133422		
10	QPSK	1	0	22.86	22.85	22.78	24.00	0
		1	25	22.99	22.86	22.85	24.00	0
		1	49	22.86	22.89	22.81	24.00	0
		25	0	22.89	22.88	22.84	23.00	1
		25	12	22.81	22.99	22.88	23.00	1
		25	25	22.95	22.88	22.83	23.00	1
		50	0	21.83	21.83	21.80	23.00	1
10	16-QAM	1	0	21.93	21.91	21.74	23.00	1
		1	25	21.93	21.87	21.78	23.00	1
		1	49	21.89	21.86	21.77	23.00	1
		25	0	21.86	21.88	21.79	22.00	2
		25	12	21.92	21.89	21.89	22.00	2
		25	25	21.93	21.87	21.78	22.00	2
		50	0	20.88	20.86	20.78	22.00	2
10	64-QAM	1	0	20.80	20.93	20.81	22.00	2
		1	25	20.86	20.77	20.71	22.00	2
		1	49	20.89	20.79	20.91	22.00	2
		25	0	20.96	20.82	20.89	21.00	3
		25	12	20.90	20.93	20.86	21.00	3
		25	25	20.90	20.88	20.77	21.00	3
		50	0	19.89	19.85	19.79	21.00	3
10	256-QAM	1	0	19.85	19.85	19.74	21.00	3
		1	25	19.84	19.86	19.90	21.00	3
		1	49	19.80	19.80	19.73	21.00	3
		25	0	19.89	19.87	19.79	20.00	4
		25	12	19.87	19.86	19.76	20.00	4
		25	25	19.91	19.81	19.80	20.00	4
		50	0	18.85	18.91	18.71	20.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	22.92	22.81	22.91	24.00	0
		1	12	22.89	22.81	22.80	24.00	0
		1	24	22.95	22.92	22.84	24.00	0
		12	0	22.92	22.89	22.89	23.00	1
		12	6	22.81	22.88	22.81	23.00	1
		12	13	22.88	22.89	22.74	23.00	1
		25	0	21.91	21.91	21.66	23.00	1
5	16-QAM	1	0	21.96	21.82	21.78	23.00	1
		1	12	21.86	21.80	21.80	23.00	1
		1	24	21.98	21.86	21.78	23.00	1
		12	0	21.88	21.95	21.89	22.00	2
		12	6	21.95	21.77	21.77	22.00	2
		12	13	21.85	21.90	21.92	22.00	2
		25	0	20.96	20.86	20.84	22.00	2
5	64-QAM	1	0	20.89	20.84	20.87	22.00	2
		1	12	20.88	20.99	20.76	22.00	2
		1	24	20.86	20.81	20.77	22.00	2
		12	0	20.91	20.77	20.73	21.00	3
		12	6	20.86	20.84	20.69	21.00	3
		12	13	20.83	20.87	20.89	21.00	3
		25	0	19.80	19.90	19.72	21.00	3
5	256-QAM	1	0	19.81	19.85	19.91	21.00	3
		1	12	19.77	19.79	19.80	21.00	3
		1	24	19.89	19.83	19.80	21.00	3
		12	0	19.81	19.73	19.85	20.00	4
		12	6	19.94	19.89	19.79	20.00	4
		12	13	19.93	19.78	19.82	20.00	4
		25	0	18.88	18.76	18.76	20.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	22.40	22.70	22.76	24.00	0
		1	50	22.17	22.60	22.53	24.00	0
		1	99	22.29	22.50	22.61	24.00	0
		50	0	22.26	22.47	22.56	23.00	1
		50	25	22.28	22.58	22.60	23.00	1
		50	50	22.12	22.45	22.54	23.00	1
		100	0	21.32	21.48	21.69	23.00	1
20	16-QAM	1	0	21.25	21.53	21.61	23.00	1
		1	50	21.25	21.63	21.69	23.00	1
		1	99	21.17	21.49	21.57	23.00	1
		50	0	21.30	21.49	21.58	22.00	2
		50	25	21.30	21.51	21.65	22.00	2
		50	50	21.18	21.62	21.64	22.00	2
		100	0	20.19	20.55	20.54	22.00	2
20	64-QAM	1	0	20.31	20.56	20.52	22.00	2
		1	50	20.23	20.55	20.50	22.00	2
		1	99	20.33	20.44	20.52	22.00	2
		50	0	20.20	20.62	20.58	21.00	3
		50	25	20.21	20.55	20.53	21.00	3
		50	50	20.24	20.61	20.58	21.00	3
		100	0	19.20	19.52	19.61	21.00	3
20	256-QAM	1	0	19.23	19.43	19.64	21.00	3
		1	50	19.26	19.60	19.58	21.00	3
		1	99	19.28	19.54	19.68	21.00	3
		50	0	19.20	19.59	19.57	20.00	4
		50	25	19.11	19.61	19.51	20.00	4
		50	50	19.17	19.56	19.54	20.00	4
		100	0	18.22	18.63	18.67	20.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				18675	18900	19125		
15	QPSK	1	0	22.31	22.58	22.62	24.00	0
		1	36	22.32	22.52	22.50	24.00	0
		1	74	22.28	22.53	22.51	24.00	0
		36	0	22.26	22.56	22.66	23.00	1
		36	18	22.26	22.40	22.58	23.00	1
		36	37	22.28	22.57	22.61	23.00	1
		75	0	21.25	21.52	21.65	23.00	1
15	16-QAM	1	0	21.36	21.55	21.69	23.00	1
		1	36	21.33	21.49	21.64	23.00	1
		1	74	21.17	21.60	21.65	23.00	1
		36	0	21.30	21.63	21.63	22.00	2
		36	18	21.28	21.55	21.70	22.00	2
		36	37	21.20	21.41	21.46	22.00	2
		75	0	20.16	20.56	20.47	22.00	2
15	64-QAM	1	0	20.29	20.65	20.68	22.00	2
		1	36	20.12	20.41	20.62	22.00	2
		1	74	20.13	20.56	20.57	22.00	2
		36	0	20.29	20.59	20.48	21.00	3
		36	18	20.33	20.61	20.67	21.00	3
		36	37	20.30	20.53	20.60	21.00	3
		75	0	19.17	19.60	19.55	21.00	3
15	256-QAM	1	0	19.21	19.55	19.68	21.00	3
		1	36	19.26	19.48	19.63	21.00	3
		1	74	19.13	19.55	19.53	21.00	3
		36	0	19.22	19.50	19.65	20.00	4
		36	18	19.19	19.54	19.59	20.00	4
		36	37	19.26	19.47	19.61	20.00	4
		75	0	18.16	18.57	18.69	20.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				18650	18900	19150		
10	QPSK	1	0	22.25	22.59	22.72	24.00	0
		1	25	22.27	22.56	22.63	24.00	0
		1	49	22.22	22.49	22.65	24.00	0
		25	0	22.20	22.54	22.53	23.00	1
		25	12	22.22	22.55	22.64	23.00	1
		25	25	22.22	22.62	22.56	23.00	1
		50	0	21.20	21.51	21.63	23.00	1
10	16-QAM	1	0	21.29	21.63	21.61	23.00	1
		1	25	21.20	21.66	21.61	23.00	1
		1	49	21.10	21.51	21.64	23.00	1
		25	0	21.29	21.59	21.53	22.00	2
		25	12	21.30	21.52	21.47	22.00	2
		25	25	21.30	21.51	21.64	22.00	2
		50	0	20.19	20.63	20.54	22.00	2
10	64-QAM	1	0	20.17	20.55	20.61	22.00	2
		1	25	20.19	20.58	20.50	22.00	2
		1	49	20.24	20.58	20.46	22.00	2
		25	0	20.25	20.49	20.58	21.00	3
		25	12	20.13	20.53	20.64	21.00	3
		25	25	20.24	20.61	20.54	21.00	3
		50	0	19.30	19.63	19.57	21.00	3
10	256-QAM	1	0	19.19	19.42	19.66	21.00	3
		1	25	19.26	19.55	19.53	21.00	3
		1	49	19.20	19.53	19.63	21.00	3
		25	0	19.26	19.52	19.63	20.00	4
		25	12	19.23	19.52	19.67	20.00	4
		25	25	19.22	19.60	19.62	20.00	4
		50	0	18.28	18.58	18.58	20.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				18625	18900	19175		
5	QPSK	1	0	22.25	22.56	22.66	24.00	0
		1	12	22.36	22.54	22.51	24.00	0
		1	24	22.16	22.54	22.53	24.00	0
		12	0	22.31	22.50	22.50	23.00	1
		12	6	22.31	22.59	22.69	23.00	1
		12	13	22.17	22.63	22.64	23.00	1
		25	0	21.13	21.54	21.68	23.00	1
5	16-QAM	1	0	21.26	21.57	21.66	23.00	1
		1	12	21.17	21.55	21.52	23.00	1
		1	24	21.22	21.63	21.54	23.00	1
		12	0	21.32	21.61	21.53	22.00	2
		12	6	21.29	21.57	21.67	22.00	2
		12	13	21.27	21.43	21.58	22.00	2
		25	0	20.33	20.57	20.61	22.00	2
5	64-QAM	1	0	20.25	20.53	20.60	22.00	2
		1	12	20.20	20.61	20.59	22.00	2
		1	24	20.18	20.51	20.47	22.00	2
		12	0	20.34	20.57	20.50	21.00	3
		12	6	20.36	20.54	20.54	21.00	3
		12	13	20.19	20.45	20.62	21.00	3
		25	0	19.24	19.53	19.65	21.00	3
5	256-QAM	1	0	19.29	19.49	19.55	21.00	3
		1	12	19.32	19.55	19.61	21.00	3
		1	24	19.17	19.63	19.69	21.00	3
		12	0	19.23	19.44	19.66	20.00	4
		12	6	19.13	19.63	19.55	20.00	4
		12	13	19.23	19.57	19.66	20.00	4
		25	0	18.21	18.56	18.57	20.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	22.22	22.41	22.61	24.00	0
		1	7	22.29	22.57	22.49	24.00	0
		1	14	22.17	22.57	22.54	24.00	0
		8	0	22.25	22.57	22.63	23.00	1
		8	4	22.35	22.44	22.53	23.00	1
		8	7	22.29	22.65	22.51	23.00	1
		15	0	21.25	21.45	21.62	23.00	1
3	16-QAM	1	0	21.13	21.58	21.62	23.00	1
		1	7	21.29	21.53	21.62	23.00	1
		1	14	21.36	21.46	21.62	23.00	1
		8	0	21.26	21.56	21.52	22.00	2
		8	4	21.26	21.48	21.58	22.00	2
		8	7	21.25	21.45	21.52	22.00	2
		15	0	20.26	20.60	20.51	22.00	2
3	64-QAM	1	0	20.33	20.58	20.71	22.00	2
		1	7	20.28	20.56	20.62	22.00	2
		1	14	20.24	20.53	20.57	22.00	2
		8	0	20.23	20.52	20.59	21.00	3
		8	4	20.32	20.47	20.59	21.00	3
		8	7	20.38	20.55	20.49	21.00	3
		15	0	19.24	19.61	19.59	21.00	3
3	256-QAM	1	0	19.21	19.44	19.54	21.00	3
		1	7	19.23	19.51	19.52	21.00	3
		1	14	19.25	19.55	19.59	21.00	3
		8	0	19.27	19.51	19.61	20.00	4
		8	4	19.27	19.57	19.69	20.00	4
		8	7	19.29	19.55	19.57	20.00	4
		15	0	18.26	18.61	18.65	20.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	22.21	22.59	22.49	24.00	0
		1	2	22.30	22.45	22.56	24.00	0
		1	5	22.17	22.62	22.69	24.00	0
		3	0	22.27	22.47	22.65	24.00	0
		3	2	22.25	22.63	22.54	24.00	0
		3	3	22.29	22.52	22.54	24.00	0
		6	0	21.28	21.45	21.61	23.00	1
1.4	16-QAM	1	0	21.19	21.53	21.60	23.00	1
		1	2	21.14	21.64	21.52	23.00	1
		1	5	21.28	21.54	21.62	23.00	1
		3	0	21.17	21.44	21.61	23.00	1
		3	2	21.30	21.48	21.66	23.00	1
		3	3	21.37	21.55	21.53	23.00	1
		6	0	20.15	20.59	20.55	22.00	2
1.4	64-QAM	1	0	20.13	20.48	20.67	22.00	2
		1	2	20.33	20.50	20.52	22.00	2
		1	5	20.29	20.56	20.54	22.00	2
		3	0	20.29	20.63	20.63	22.00	2
		3	2	20.28	20.57	20.59	22.00	2
		3	3	20.28	20.57	20.59	22.00	2
		6	0	19.18	19.51	19.55	21.00	3
1.4	256-QAM	1	0	19.28	19.46	19.67	21.00	3
		1	2	19.14	19.49	19.53	21.00	3
		1	5	19.25	19.67	19.52	21.00	3
		3	0	19.33	19.52	19.65	21.00	3
		3	2	19.19	19.49	19.65	21.00	3
		3	3	19.31	19.49	19.63	21.00	3
		6	0	18.30	18.59	18.53	20.00	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1732.5	1745		
Channel				20050	20175	20300		
20	QPSK	1	0	22.87	22.73	22.81	24.00	0
		1	50	22.74	22.55	22.62	24.00	0
		1	99	22.72	22.60	22.70	24.00	0
		50	0	22.62	22.67	22.71	23.00	1
		50	25	22.67	22.56	22.57	23.00	1
		50	50	22.73	22.52	22.60	23.00	1
		100	0	21.78	21.58	21.62	23.00	1
20	16-QAM	1	0	21.59	21.49	21.69	23.00	1
		1	50	21.68	21.63	21.63	23.00	1
		1	99	21.76	21.54	21.71	23.00	1
		50	0	21.64	21.51	21.67	22.00	2
		50	25	21.78	21.57	21.68	22.00	2
		50	50	21.80	21.47	21.68	22.00	2
		100	0	20.75	20.55	20.73	22.00	2
20	64-QAM	1	0	20.78	20.50	20.55	22.00	2
		1	50	20.68	20.67	20.58	22.00	2
		1	99	20.75	20.58	20.70	22.00	2
		50	0	20.82	20.67	20.61	21.00	3
		50	25	20.67	20.56	20.67	21.00	3
		50	50	20.80	20.60	20.75	21.00	3
		100	0	19.71	19.64	19.75	21.00	3
20	256-QAM	1	0	19.60	19.66	19.64	21.00	3
		1	50	19.75	19.58	19.61	21.00	3
		1	99	19.69	19.49	19.74	21.00	3
		50	0	19.71	19.64	19.66	20.00	4
		50	25	19.81	19.61	19.58	20.00	4
		50	50	19.71	19.48	19.71	20.00	4
		100	0	18.62	18.59	18.71	20.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
Channel				20025	20175	20325		
15	QPSK	1	0	22.72	22.60	22.68	24.00	0
		1	36	22.68	22.55	22.61	24.00	0
		1	74	22.69	22.55	22.64	24.00	0
		36	0	22.63	22.68	22.60	23.00	1
		36	18	22.76	22.59	22.60	23.00	1
		36	37	22.71	22.58	22.58	23.00	1
		75	0	21.83	21.53	21.66	23.00	1
15	16-QAM	1	0	21.65	21.48	21.55	23.00	1
		1	36	21.61	21.52	21.64	23.00	1
		1	74	21.64	21.55	21.56	23.00	1
		36	0	21.82	21.52	21.64	22.00	2
		36	18	21.67	21.60	21.60	22.00	2
		36	37	21.59	21.48	21.65	22.00	2
		75	0	20.60	20.51	20.69	22.00	2
15	64-QAM	1	0	20.75	20.62	20.54	22.00	2
		1	36	20.59	20.61	20.65	22.00	2
		1	74	20.69	20.58	20.59	22.00	2
		36	0	20.68	20.61	20.61	21.00	3
		36	18	20.73	20.57	20.72	21.00	3
		36	37	20.66	20.56	20.68	21.00	3
		75	0	19.63	19.45	19.66	21.00	3
15	256-QAM	1	0	19.61	19.46	19.55	21.00	3
		1	36	19.83	19.64	19.64	21.00	3
		1	74	19.64	19.58	19.62	21.00	3
		36	0	19.71	19.61	19.66	20.00	4
		36	18	19.62	19.49	19.75	20.00	4
		36	37	19.76	19.48	19.68	20.00	4
		75	0	18.65	18.52	18.60	20.00	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1732.5	1750		
Channel				20000	20175	20350		
10	QPSK	1	0	22.79	22.61	22.64	24.00	0
		1	25	22.63	22.66	22.71	24.00	0
		1	49	22.76	22.49	22.68	24.00	0
		25	0	22.67	22.58	22.68	23.00	1
		25	12	22.67	22.48	22.73	23.00	1
		25	25	22.73	22.48	22.63	23.00	1
		50	0	21.74	21.67	21.64	23.00	1
10	16-QAM	1	0	21.69	21.52	21.64	23.00	1
		1	25	21.72	21.66	21.63	23.00	1
		1	49	21.74	21.60	21.65	23.00	1
		25	0	21.63	21.54	21.70	22.00	2
		25	12	21.74	21.55	21.63	22.00	2
		25	25	21.72	21.58	21.59	22.00	2
		50	0	20.70	20.62	20.71	22.00	2
10	64-QAM	1	0	20.81	20.66	20.61	22.00	2
		1	25	20.68	20.63	20.53	22.00	2
		1	49	20.62	20.53	20.65	22.00	2
		25	0	20.68	20.54	20.63	21.00	3
		25	12	20.71	20.63	20.62	21.00	3
		25	25	20.80	20.52	20.70	21.00	3
		50	0	19.70	19.63	19.58	21.00	3
10	256-QAM	1	0	19.77	19.56	19.62	21.00	3
		1	25	19.72	19.58	19.54	21.00	3
		1	49	19.60	19.45	19.69	21.00	3
		25	0	19.75	19.67	19.59	20.00	4
		25	12	19.78	19.50	19.58	20.00	4
		25	25	19.72	19.44	19.60	20.00	4
		50	0	18.70	18.54	18.68	20.00	4

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Frequency (MHz)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	22.74	22.64	22.67	24.00	0
		1	12	22.75	22.63	22.66	24.00	0
		1	24	22.71	22.57	22.61	24.00	0
		12	0	22.66	22.58	22.79	23.00	1
		12	6	22.81	22.48	22.71	23.00	1
		12	13	22.74	22.58	22.70	23.00	1
		25	0	21.82	21.56	21.55	23.00	1
5	16-QAM	1	0	21.80	21.64	21.67	23.00	1
		1	12	21.68	21.53	21.69	23.00	1
		1	24	21.61	21.56	21.79	23.00	1
		12	0	21.63	21.45	21.63	22.00	2
		12	6	21.72	21.64	21.62	22.00	2
		12	13	21.71	21.46	21.64	22.00	2
		25	0	20.61	20.61	20.61	22.00	2
5	64-QAM	1	0	20.67	20.50	20.68	22.00	2
		1	12	20.76	20.61	20.63	22.00	2
		1	24	20.70	20.57	20.71	22.00	2
		12	0	20.73	20.65	20.71	21.00	3
		12	6	20.70	20.50	20.67	21.00	3
		12	13	20.59	20.66	20.60	21.00	3
		25	0	19.72	19.57	19.70	21.00	3
5	256-QAM	1	0	19.74	19.51	19.69	21.00	3
		1	12	19.78	19.51	19.56	21.00	3
		1	24	19.73	19.64	19.64	21.00	3
		12	0	19.70	19.58	19.65	20.00	4
		12	6	19.67	19.63	19.59	20.00	4
		12	13	19.76	19.65	19.64	20.00	4
		25	0	18.75	18.54	18.55	20.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	22.80	22.53	22.57	24.00	0
		1	7	22.77	22.68	22.64	24.00	0
		1	14	22.73	22.66	22.67	24.00	0
		8	0	22.64	22.53	22.76	23.00	1
		8	4	22.63	22.57	22.63	23.00	1
		8	7	22.67	22.50	22.64	23.00	1
		15	0	21.71	21.62	21.62	23.00	1
3	16-QAM	1	0	21.69	21.69	21.64	23.00	1
		1	7	21.67	21.66	21.69	23.00	1
		1	14	21.69	21.70	21.72	23.00	1
		8	0	21.69	21.50	21.52	22.00	2
		8	4	21.73	21.60	21.73	22.00	2
		8	7	21.77	21.60	21.68	22.00	2
		15	0	20.77	20.55	20.62	22.00	2
3	64-QAM	1	0	20.68	20.62	20.72	22.00	2
		1	7	20.77	20.53	20.61	22.00	2
		1	14	20.62	20.49	20.73	22.00	2
		8	0	20.75	20.60	20.52	21.00	3
		8	4	20.69	20.54	20.55	21.00	3
		8	7	20.72	20.57	20.58	21.00	3
		15	0	19.77	19.64	19.71	21.00	3
3	256-QAM	1	0	19.73	19.68	19.60	21.00	3
		1	7	19.78	19.51	19.65	21.00	3
		1	14	19.69	19.57	19.70	21.00	3
		8	0	19.74	19.66	19.58	20.00	4
		8	4	19.65	19.50	19.65	20.00	4
		8	7	19.68	19.48	19.55	20.00	4
		15	0	18.70	18.54	18.65	20.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	22.63	22.68	22.64	24.00	0
		1	2	22.68	22.51	22.66	24.00	0
		1	5	22.71	22.65	22.60	24.00	0
		3	0	22.68	22.54	22.72	24.00	0
		3	2	22.71	22.56	22.54	24.00	0
		3	3	22.65	22.49	22.67	24.00	0
		6	0	21.71	21.66	21.69	23.00	1
1.4	16-QAM	1	0	21.73	21.67	21.59	23.00	1
		1	2	21.63	21.51	21.77	23.00	1
		1	5	21.59	21.66	21.68	23.00	1
		3	0	21.70	21.52	21.65	23.00	1
		3	2	21.69	21.58	21.62	23.00	1
		3	3	21.60	21.62	21.69	23.00	1
		6	0	20.84	20.60	20.56	22.00	2
1.4	64-QAM	1	0	20.83	20.61	20.59	22.00	2
		1	2	20.80	20.67	20.65	22.00	2
		1	5	20.64	20.50	20.73	22.00	2
		3	0	20.66	20.52	20.58	22.00	2
		3	2	20.74	20.55	20.69	22.00	2
		3	3	20.67	20.57	20.71	22.00	2
		6	0	19.70	19.51	19.65	21.00	3
1.4	256-QAM	1	0	19.63	19.57	19.56	21.00	3
		1	2	19.75	19.68	19.69	21.00	3
		1	5	19.70	19.50	19.60	21.00	3
		3	0	19.81	19.55	19.61	21.00	3
		3	2	19.74	19.58	19.73	21.00	3
		3	3	19.84	19.51	19.55	21.00	3
		6	0	18.68	18.58	18.75	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	22.71	22.80	22.84	24.00	0
		1	50	22.62	22.53	22.67	24.00	0
		1	99	22.55	22.51	22.68	24.00	0
		50	0	22.58	22.61	22.72	23.00	1
		50	25	22.67	22.64	22.75	23.00	1
		50	50	22.51	22.77	22.55	23.00	1
		100	0	21.52	21.54	21.67	23.00	1
20	16-QAM	1	0	21.55	21.71	21.59	23.00	1
		1	50	21.57	21.63	21.70	23.00	1
		1	99	21.54	21.69	21.76	23.00	1
		50	0	21.55	21.65	21.54	22.00	2
		50	25	21.60	21.59	21.59	22.00	2
		50	50	21.59	21.59	21.73	22.00	2
		100	0	20.41	20.60	20.74	22.00	2
20	64-QAM	1	0	20.47	20.69	20.67	22.00	2
		1	50	20.52	20.67	20.57	22.00	2
		1	99	20.54	20.62	20.78	22.00	2
		50	0	20.51	20.59	20.60	21.00	3
		50	25	20.53	20.68	20.63	21.00	3
		50	50	20.53	20.66	20.65	21.00	3
		100	0	19.62	19.54	19.68	21.00	3
20	256-QAM	1	0	19.60	19.60	19.66	21.00	3
		1	50	19.59	19.68	19.77	21.00	3
		1	99	19.55	19.69	19.67	21.00	3
		50	0	19.56	19.72	19.69	20.00	4
		50	25	19.54	19.58	19.70	20.00	4
		50	50	19.48	19.68	19.60	20.00	4
		100	0	18.46	18.63	18.64	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	22.45	22.61	22.78	24.00	0
		1	36	22.63	22.63	22.65	24.00	0
		1	74	22.59	22.67	22.72	24.00	0
		36	0	22.50	22.71	22.68	23.00	1
		36	18	22.55	22.73	22.68	23.00	1
		36	37	22.52	22.63	22.75	23.00	1
		75	0	21.57	21.65	21.62	23.00	1
15	16-QAM	1	0	21.52	21.72	21.74	23.00	1
		1	36	21.57	21.70	21.62	23.00	1
		1	74	21.65	21.74	21.64	23.00	1
		36	0	21.57	21.67	21.57	22.00	2
		36	18	21.58	21.68	21.74	22.00	2
		36	37	21.60	21.57	21.61	22.00	2
		75	0	20.49	20.55	20.68	22.00	2
15	64-QAM	1	0	20.60	20.74	20.68	22.00	2
		1	36	20.51	20.57	20.67	22.00	2
		1	74	20.51	20.64	20.72	22.00	2
		36	0	20.51	20.68	20.59	21.00	3
		36	18	20.43	20.73	20.60	21.00	3
		36	37	20.49	20.53	20.74	21.00	3
		75	0	19.55	19.69	19.64	21.00	3
15	256-QAM	1	0	19.61	19.59	19.73	21.00	3
		1	36	19.54	19.58	19.72	21.00	3
		1	74	19.59	19.58	19.59	21.00	3
		36	0	19.46	19.65	19.71	20.00	4
		36	18	19.54	19.66	19.65	20.00	4
		36	37	19.58	19.57	19.67	20.00	4
		75	0	18.55	18.58	18.79	20.00	4

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台灣檢驗科技股份有限公司

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	22.58	22.53	22.74	24.00	0
		1	25	22.48	22.65	22.77	24.00	0
		1	49	22.61	22.72	22.74	24.00	0
		25	0	22.51	22.63	22.65	23.00	1
		25	12	22.50	22.56	22.72	23.00	1
		25	25	22.58	22.55	22.74	23.00	1
		50	0	21.56	21.61	21.57	23.00	1
10	16-QAM	1	0	21.55	21.52	21.67	23.00	1
		1	25	21.63	21.57	21.74	23.00	1
		1	49	21.41	21.63	21.61	23.00	1
		25	0	21.54	21.63	21.62	22.00	2
		25	12	21.55	21.69	21.73	22.00	2
		25	25	21.59	21.67	21.58	22.00	2
		50	0	20.51	20.66	20.63	22.00	2
10	64-QAM	1	0	20.65	20.60	20.79	22.00	2
		1	25	20.53	20.64	20.59	22.00	2
		1	49	20.47	20.60	20.70	22.00	2
		25	0	20.53	20.59	20.64	21.00	3
		25	12	20.66	20.57	20.71	21.00	3
		25	25	20.58	20.74	20.79	21.00	3
		50	0	19.60	19.65	19.60	21.00	3
10	256-QAM	1	0	19.48	19.58	19.64	21.00	3
		1	25	19.55	19.64	19.76	21.00	3
		1	49	19.56	19.67	19.70	21.00	3
		25	0	19.52	19.56	19.74	20.00	4
		25	12	19.65	19.62	19.71	20.00	4
		25	25	19.53	19.67	19.68	20.00	4
		50	0	18.50	18.71	18.71	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	22.54	22.53	22.76	24.00	0
		1	12	22.42	22.66	22.61	24.00	0
		1	24	22.49	22.68	22.68	24.00	0
		12	0	22.60	22.57	22.70	23.00	1
		12	6	22.59	22.62	22.66	23.00	1
		12	13	22.61	22.63	22.79	23.00	1
		25	0	21.61	21.60	21.79	23.00	1
5	16-QAM	1	0	21.64	21.75	21.61	23.00	1
		1	12	21.45	21.56	21.64	23.00	1
		1	24	21.59	21.67	21.68	23.00	1
		12	0	21.44	21.68	21.65	22.00	2
		12	6	21.59	21.58	21.63	22.00	2
		12	13	21.55	21.69	21.62	22.00	2
		25	0	20.46	20.60	20.79	22.00	2
5	64-QAM	1	0	20.54	20.61	20.75	22.00	2
		1	12	20.61	20.52	20.64	22.00	2
		1	24	20.53	20.60	20.63	22.00	2
		12	0	20.53	20.72	20.61	21.00	3
		12	6	20.55	20.53	20.76	21.00	3
		12	13	20.56	20.63	20.74	21.00	3
		25	0	19.50	19.63	19.71	21.00	3
5	256-QAM	1	0	19.46	19.60	19.74	21.00	3
		1	12	19.65	19.68	19.54	21.00	3
		1	24	19.53	19.54	19.74	21.00	3
		12	0	19.52	19.62	19.63	20.00	4
		12	6	19.44	19.57	19.70	20.00	4
		12	13	19.59	19.66	19.65	20.00	4
		25	0	18.57	18.65	18.69	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	22.56	22.90	23.01	24.00	0
		1	50	22.36	22.80	22.97	24.00	0
		1	99	22.53	22.71	22.81	24.00	0
		50	0	22.26	22.70	22.84	23.00	1
		50	25	22.42	22.87	22.78	23.00	1
		50	50	22.46	22.76	22.87	23.00	1
		100	0	21.49	21.68	21.79	23.00	1
20	16-QAM	1	0	21.35	21.82	21.75	23.00	1
		1	50	21.45	21.83	21.78	23.00	1
		1	99	21.41	21.74	21.89	23.00	1
		50	0	21.35	21.68	21.86	22.00	2
		50	25	21.43	21.84	21.96	22.00	2
		50	50	21.45	21.79	21.98	22.00	2
		100	0	20.47	20.70	20.94	22.00	2
20	64-QAM	1	0	20.42	20.69	20.88	22.00	2
		1	50	20.50	20.79	20.99	22.00	2
		1	99	20.48	20.62	20.91	22.00	2
		50	0	20.39	20.86	20.82	21.00	3
		50	25	20.47	20.77	20.90	21.00	3
		50	50	20.29	20.81	20.80	21.00	3
		100	0	19.37	19.68	19.86	21.00	3
20	256-QAM	1	0	19.43	19.77	19.89	21.00	3
		1	50	19.43	19.76	19.89	21.00	3
		1	99	19.39	19.84	19.76	21.00	3
		50	0	19.28	19.81	19.97	20.00	4
		50	25	19.43	19.72	19.84	20.00	4
		50	50	19.39	19.78	19.77	20.00	4
		100	0	18.48	18.76	18.91	20.00	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	22.48	22.71	22.93	24.00	0
		1	36	22.31	22.61	22.86	24.00	0
		1	74	22.38	22.78	22.90	24.00	0
		36	0	22.33	22.68	22.88	23.00	1
		36	18	22.50	22.84	22.89	23.00	1
		36	37	22.36	22.79	22.84	23.00	1
		75	0	21.35	21.73	21.86	23.00	1
15	16-QAM	1	0	21.30	21.68	21.90	23.00	1
		1	36	21.40	21.79	21.85	23.00	1
		1	74	21.41	21.82	21.92	23.00	1
		36	0	21.39	21.79	21.76	22.00	2
		36	18	21.41	21.68	21.92	22.00	2
		36	37	21.47	21.79	21.76	22.00	2
		75	0	20.43	20.85	20.80	22.00	2
15	64-QAM	1	0	20.40	20.71	20.95	22.00	2
		1	36	20.39	20.71	20.88	22.00	2
		1	74	20.39	20.70	20.76	22.00	2
		36	0	20.27	20.81	20.79	21.00	3
		36	18	20.44	20.76	20.86	21.00	3
		36	37	20.29	20.79	20.93	21.00	3
		75	0	19.46	19.86	19.85	21.00	3
15	256-QAM	1	0	19.40	19.78	19.85	21.00	3
		1	36	19.51	19.73	19.83	21.00	3
		1	74	19.40	19.72	19.90	21.00	3
		36	0	19.37	19.68	19.80	20.00	4
		36	18	19.52	19.77	19.85	20.00	4
		36	37	19.44	19.75	19.93	20.00	4
		75	0	18.34	18.70	18.87	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)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	22.42	22.82	22.78	24.00	0
		1	25	22.40	22.67	22.84	24.00	0
		1	49	22.41	22.64	22.83	24.00	0
		25	0	22.41	22.78	22.84	23.00	1
		25	12	22.42	22.76	22.84	23.00	1
		25	25	22.28	22.75	22.87	23.00	1
		50	0	21.50	21.72	21.85	23.00	1
10	16-QAM	1	0	21.33	21.71	21.83	23.00	1
		1	25	21.38	21.77	21.85	23.00	1
		1	49	21.40	21.83	21.77	23.00	1
		25	0	21.50	21.67	21.91	22.00	2
		25	12	21.27	21.71	21.93	22.00	2
		25	25	21.48	21.82	21.97	22.00	2
		50	0	20.42	20.78	20.77	22.00	2
10	64-QAM	1	0	20.26	20.82	20.86	22.00	2
		1	25	20.42	20.84	20.85	22.00	2
		1	49	20.33	20.72	20.74	22.00	2
		25	0	20.48	20.73	20.81	21.00	3
		25	12	20.44	20.76	20.86	21.00	3
		25	25	20.28	20.75	20.77	21.00	3
		50	0	19.43	19.76	19.76	21.00	3
10	256-QAM	1	0	19.51	19.69	19.73	21.00	3
		1	25	19.52	19.74	19.77	21.00	3
		1	49	19.50	19.66	19.83	21.00	3
		25	0	19.52	19.78	19.81	20.00	4
		25	12	19.39	19.72	19.86	20.00	4
		25	25	19.33	19.86	19.94	20.00	4
		50	0	18.39	18.78	18.91	20.00	4

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LTE Band 25								
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Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	22.49	22.69	22.80	24.00	0
		1	12	22.45	22.71	22.86	24.00	0
		1	24	22.32	22.71	22.85	24.00	0
		12	0	22.35	22.74	22.79	23.00	1
		12	6	22.35	22.65	22.89	23.00	1
		12	13	22.33	22.66	22.86	23.00	1
		25	0	21.30	21.74	21.86	23.00	1
5	16-QAM	1	0	21.34	21.74	21.83	23.00	1
		1	12	21.40	21.74	21.92	23.00	1
		1	24	21.35	21.80	21.91	23.00	1
		12	0	21.51	21.84	21.75	22.00	2
		12	6	21.39	21.85	21.85	22.00	2
		12	13	21.42	21.75	21.88	22.00	2
		25	0	20.50	20.72	20.90	22.00	2
5	64-QAM	1	0	20.34	20.71	20.81	22.00	2
		1	12	20.43	20.73	20.85	22.00	2
		1	24	20.28	20.74	20.75	22.00	2
		12	0	20.35	20.67	20.93	21.00	3
		12	6	20.47	20.68	20.83	21.00	3
		12	13	20.38	20.71	20.81	21.00	3
		25	0	19.45	19.72	19.92	21.00	3
5	256-QAM	1	0	19.51	19.74	19.95	21.00	3
		1	12	19.39	19.67	19.78	21.00	3
		1	24	19.44	19.78	19.75	21.00	3
		12	0	19.39	19.77	19.90	20.00	4
		12	6	19.41	19.78	19.75	20.00	4
		12	13	19.34	19.81	19.80	20.00	4
		25	0	18.41	18.78	18.81	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)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	22.38	22.67	22.95	24.00	0
		1	7	22.48	22.83	22.72	24.00	0
		1	14	22.45	22.77	22.82	24.00	0
		8	0	22.51	22.77	22.81	23.00	1
		8	4	22.46	22.72	22.88	23.00	1
		8	7	22.44	22.75	22.80	23.00	1
		15	0	21.46	21.72	21.88	23.00	1
3	16-QAM	1	0	21.43	21.82	21.87	23.00	1
		1	7	21.33	21.76	21.88	23.00	1
		1	14	21.46	21.71	21.80	23.00	1
		8	0	21.34	21.73	21.76	22.00	2
		8	4	21.51	21.77	21.90	22.00	2
		8	7	21.32	21.82	21.77	22.00	2
		15	0	20.42	20.83	20.80	22.00	2
3	64-QAM	1	0	20.37	20.66	20.94	22.00	2
		1	7	20.41	20.85	20.75	22.00	2
		1	14	20.34	20.81	20.88	22.00	2
		8	0	20.33	20.68	20.87	21.00	3
		8	4	20.35	20.77	20.83	21.00	3
		8	7	20.41	20.72	20.76	21.00	3
		15	0	19.41	19.85	19.94	21.00	3
3	256-QAM	1	0	19.38	19.72	19.88	21.00	3
		1	7	19.36	19.72	19.84	21.00	3
		1	14	19.44	19.83	19.91	21.00	3
		8	0	19.40	19.80	19.86	20.00	4
		8	4	19.46	19.73	19.72	20.00	4
		8	7	19.41	19.61	19.92	20.00	4
		15	0	18.41	18.70	18.90	20.00	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	22.45	22.67	22.80	24.00	0
		1	2	22.41	22.78	22.92	24.00	0
		1	5	22.42	22.62	22.83	24.00	0
		3	0	22.33	22.67	22.88	24.00	0
		3	2	22.39	22.70	22.95	24.00	0
		3	3	22.33	22.71	22.86	24.00	0
		6	0	21.37	21.63	21.89	23.00	1
1.4	16-QAM	1	0	21.33	21.78	21.89	23.00	1
		1	2	21.49	21.73	21.86	23.00	1
		1	5	21.38	21.78	21.85	23.00	1
		3	0	21.40	21.80	21.87	23.00	1
		3	2	21.42	21.75	21.78	23.00	1
		3	3	21.43	21.76	21.90	23.00	1
		6	0	20.35	20.83	20.82	22.00	2
1.4	64-QAM	1	0	20.31	20.70	20.85	22.00	2
		1	2	20.48	20.65	20.76	22.00	2
		1	5	20.31	20.71	20.82	22.00	2
		3	0	20.32	20.71	20.86	22.00	2
		3	2	20.46	20.67	20.77	22.00	2
		3	3	20.33	20.65	20.88	22.00	2
		6	0	19.40	19.63	19.99	21.00	3
1.4	256-QAM	1	0	19.35	19.75	19.81	21.00	3
		1	2	19.44	19.73	19.88	21.00	3
		1	5	19.44	19.79	19.81	21.00	3
		3	0	19.35	19.73	19.87	21.00	3
		3	2	19.33	19.75	19.91	21.00	3
		3	3	19.36	19.70	19.93	21.00	3
		6	0	18.38	18.67	18.74	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		22.92		23.00	0
		1	25		22.81		23.00	0
		1	49		22.79		23.00	0
		25	0		21.76		22.00	1
		25	12		21.73		22.00	1
		25	25		21.71		22.00	1
		50	0		21.75		22.00	1
10	16-QAM	1	0		21.74		22.00	1
		1	25		21.64		22.00	1
		1	49		21.84		22.00	1
		25	0		20.75		21.00	2
		25	12		20.86		21.00	2
		25	25		20.69		21.00	2
		50	0		20.77		21.00	2
10	64-QAM	1	0		20.76		21.00	2
		1	25		20.81		21.00	2
		1	49		20.71		21.00	2
		25	0		19.80		20.00	3
		25	12		19.70		20.00	3
		25	25		19.77		20.00	3
		50	0		19.77		20.00	3
10	256-QAM	1	0		19.73		20.00	3
		1	25		19.76		20.00	3
		1	49		19.81		20.00	3
		25	0		18.71		19.00	4
		25	12		18.79		19.00	4
		25	25		18.78		19.00	4
		50	0		18.84		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	22.71	22.74	22.76	23.00	0
		1	12	22.79	22.67	22.75	23.00	0
		1	24	22.71	22.79	22.79	23.00	0
		12	0	21.84	21.81	21.89	22.00	1
		12	6	21.82	21.70	21.74	22.00	1
		12	13	21.72	21.90	21.79	22.00	1
		25	0	21.75	21.69	21.79	22.00	1
5	16-QAM	1	0	21.74	21.73	21.83	22.00	1
		1	12	21.78	21.69	21.79	22.00	1
		1	24	21.80	21.80	21.69	22.00	1
		12	0	20.84	20.85	20.76	21.00	2
		12	6	20.77	20.63	20.72	21.00	2
		12	13	20.71	20.82	20.80	21.00	2
		25	0	20.76	20.74	20.81	21.00	2
5	64-QAM	1	0	20.66	20.87	20.79	21.00	2
		1	12	20.80	20.72	20.82	21.00	2
		1	24	20.82	20.67	20.81	21.00	2
		12	0	19.62	19.72	19.84	20.00	3
		12	6	19.86	19.87	19.76	20.00	3
		12	13	19.73	19.76	19.64	20.00	3
		25	0	19.73	19.69	19.79	20.00	3
5	256-QAM	1	0	19.86	19.66	19.75	20.00	3
		1	12	19.85	19.82	19.82	20.00	3
		1	24	19.79	19.64	19.69	20.00	3
		12	0	18.82	18.73	18.69	19.00	4
		12	6	18.82	18.80	18.74	19.00	4
		12	13	18.73	18.68	18.71	19.00	4
		25	0	18.74	18.84	18.71	19.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	22.98	22.95	23.02	24.00	0
		1	50	22.80	22.72	22.88	24.00	0
		1	99	22.82	22.81	22.75	24.00	0
		50	0	22.84	22.82	22.84	23.00	1
		50	25	22.85	22.79	22.85	23.00	1
		50	50	22.88	22.78	22.91	23.00	1
		100	0	21.81	21.82	21.76	23.00	1
20	16-QAM	1	0	21.92	21.86	21.88	23.00	1
		1	50	21.82	21.78	21.94	23.00	1
		1	99	21.90	21.82	21.74	23.00	1
		50	0	21.83	21.76	21.85	22.00	2
		50	25	21.70	21.79	21.86	22.00	2
		50	50	21.68	21.80	21.84	22.00	2
		100	0	20.76	20.87	20.90	22.00	2
20	64-QAM	1	0	20.85	20.88	20.87	22.00	2
		1	50	20.92	20.92	20.81	22.00	2
		1	99	20.90	20.77	20.86	22.00	2
		50	0	20.86	20.85	20.95	21.00	3
		50	25	20.92	20.84	20.98	21.00	3
		50	50	20.77	20.68	20.82	21.00	3
		100	0	19.68	19.78	19.94	21.00	3
20	256-QAM	1	0	19.76	19.70	19.85	21.00	3
		1	50	19.71	19.72	19.80	21.00	3
		1	99	19.76	19.87	19.96	21.00	3
		50	0	19.79	19.78	19.81	20.00	4
		50	25	19.85	19.82	19.74	20.00	4
		50	50	19.90	19.69	19.82	20.00	4
		100	0	18.89	18.80	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)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	22.92	22.93	22.79	24.00	0
		1	36	22.82	22.80	22.84	24.00	0
		1	74	22.77	22.88	22.88	24.00	0
		36	0	22.84	22.83	22.82	23.00	1
		36	18	22.71	22.81	22.86	23.00	1
		36	37	22.82	22.80	22.93	23.00	1
		75	0	21.93	21.77	21.93	23.00	1
15	16-QAM	1	0	21.74	21.82	21.83	23.00	1
		1	36	21.95	21.83	21.88	23.00	1
		1	74	21.89	21.78	21.86	23.00	1
		36	0	21.80	21.81	21.93	22.00	2
		36	18	21.93	21.78	21.87	22.00	2
		36	37	21.80	21.83	21.79	22.00	2
		75	0	20.91	20.85	20.81	22.00	2
15	64-QAM	1	0	20.75	20.75	20.78	22.00	2
		1	36	20.86	20.75	20.97	22.00	2
		1	74	20.72	20.79	20.83	22.00	2
		36	0	20.74	20.76	20.87	21.00	3
		36	18	20.86	20.70	20.93	21.00	3
		36	37	20.83	20.85	20.91	21.00	3
		75	0	19.79	19.82	19.75	21.00	3
15	256-QAM	1	0	19.92	19.79	19.87	21.00	3
		1	36	19.78	19.81	19.82	21.00	3
		1	74	19.83	19.86	19.90	21.00	3
		36	0	19.91	19.85	19.88	20.00	4
		36	18	19.81	19.81	19.80	20.00	4
		36	37	19.76	19.82	19.82	20.00	4
		75	0	18.82	18.79	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)				1715	1745	1775		
Channel				132022	132322	132622		
10	QPSK	1	0	22.78	22.72	22.81	24.00	0
		1	25	22.84	22.76	22.82	24.00	0
		1	49	22.77	22.78	22.98	24.00	0
		25	0	22.81	22.78	22.80	23.00	1
		25	12	22.75	22.79	22.89	23.00	1
		25	25	22.88	22.81	22.73	23.00	1
		50	0	21.73	21.76	21.86	23.00	1
10	16-QAM	1	0	21.78	21.73	21.84	23.00	1
		1	25	21.82	21.80	21.83	23.00	1
		1	49	21.87	21.84	21.82	23.00	1
		25	0	21.79	21.90	21.78	22.00	2
		25	12	21.82	21.84	21.78	22.00	2
		25	25	21.88	21.82	21.82	22.00	2
		50	0	20.86	20.88	20.94	22.00	2
10	64-QAM	1	0	20.77	20.85	20.88	22.00	2
		1	25	20.84	20.89	20.91	22.00	2
		1	49	20.76	20.81	20.84	22.00	2
		25	0	20.73	20.78	20.81	21.00	3
		25	12	20.71	20.85	20.82	21.00	3
		25	25	20.85	20.89	20.86	21.00	3
		50	0	19.81	19.76	19.89	21.00	3
10	256-QAM	1	0	19.87	19.90	19.89	21.00	3
		1	25	19.80	19.86	19.81	21.00	3
		1	49	19.75	19.87	19.97	21.00	3
		25	0	19.76	19.79	19.96	20.00	4
		25	12	19.81	19.83	19.85	20.00	4
		25	25	19.74	19.84	19.84	20.00	4
		50	0	18.87	18.85	18.93	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	22.82	22.88	22.89	24.00	0
		1	12	22.87	22.78	22.76	24.00	0
		1	24	22.88	22.76	22.82	24.00	0
		12	0	22.70	22.66	22.82	23.00	1
		12	6	22.81	22.70	22.80	23.00	1
		12	13	22.81	22.79	22.91	23.00	1
		25	0	21.76	21.70	21.83	23.00	1
5	16-QAM	1	0	21.77	21.76	21.91	23.00	1
		1	12	21.79	21.80	21.80	23.00	1
		1	24	21.87	21.75	21.77	23.00	1
		12	0	21.81	21.83	21.75	22.00	2
		12	6	21.72	21.72	21.91	22.00	2
		12	13	21.81	21.81	21.91	22.00	2
		25	0	20.82	20.87	20.91	22.00	2
5	64-QAM	1	0	20.85	20.85	20.82	22.00	2
		1	12	20.83	20.86	20.76	22.00	2
		1	24	20.92	20.92	20.88	22.00	2
		12	0	20.73	20.80	20.95	21.00	3
		12	6	20.84	20.76	20.85	21.00	3
		12	13	20.78	20.73	20.90	21.00	3
		25	0	19.71	19.66	19.85	21.00	3
5	256-QAM	1	0	19.73	19.68	19.81	21.00	3
		1	12	19.92	19.78	19.85	21.00	3
		1	24	19.85	19.83	19.91	21.00	3
		12	0	19.81	19.65	19.88	20.00	4
		12	6	19.74	19.76	19.89	20.00	4
		12	13	19.86	19.81	19.88	20.00	4
		25	0	18.77	18.78	18.84	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	22.90	22.82	22.85	24.00	0
		1	7	22.87	22.77	22.81	24.00	0
		1	14	22.92	22.86	22.80	24.00	0
		8	0	22.89	22.73	22.95	23.00	1
		8	4	22.90	22.81	22.81	23.00	1
		8	7	22.82	22.70	22.84	23.00	1
		15	0	21.93	21.82	21.93	23.00	1
3	16-QAM	1	0	21.93	21.76	21.99	23.00	1
		1	7	21.78	21.75	21.85	23.00	1
		1	14	21.80	21.80	21.81	23.00	1
		8	0	21.80	21.76	21.97	22.00	2
		8	4	21.75	21.81	21.87	22.00	2
		8	7	21.76	21.87	21.90	22.00	2
		15	0	20.76	20.73	20.99	22.00	2
3	64-QAM	1	0	20.73	20.66	20.81	22.00	2
		1	7	20.84	20.73	20.81	22.00	2
		1	14	20.79	20.80	20.80	22.00	2
		8	0	20.90	20.84	20.87	21.00	3
		8	4	20.70	20.80	20.77	21.00	3
		8	7	20.91	20.71	20.96	21.00	3
		15	0	19.86	19.67	19.88	21.00	3
3	256-QAM	1	0	19.86	19.74	19.81	21.00	3
		1	7	19.89	19.87	19.83	21.00	3
		1	14	19.93	19.91	19.87	21.00	3
		8	0	19.77	19.85	19.80	20.00	4
		8	4	19.77	19.82	19.81	20.00	4
		8	7	19.92	19.80	19.87	20.00	4
		15	0	18.83	18.77	18.88	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	22.71	22.74	22.96	24.00	0
		1	2	22.83	22.70	22.85	24.00	0
		1	5	22.80	22.83	22.73	24.00	0
		3	0	22.81	22.79	22.80	24.00	0
		3	2	22.83	22.71	22.82	24.00	0
		3	3	22.80	22.79	22.86	24.00	0
		6	0	21.82	21.86	21.93	23.00	1
1.4	16-QAM	1	0	21.75	21.76	21.84	23.00	1
		1	2	21.90	21.82	21.79	23.00	1
		1	5	21.73	21.73	21.72	23.00	1
		3	0	21.82	21.73	21.87	23.00	1
		3	2	21.83	21.70	21.75	23.00	1
		3	3	21.76	21.87	21.88	23.00	1
		6	0	20.77	20.76	20.87	22.00	2
1.4	64-QAM	1	0	20.70	20.85	20.92	22.00	2
		1	2	20.73	20.70	20.88	22.00	2
		1	5	20.76	20.72	20.87	22.00	2
		3	0	20.79	20.78	20.80	22.00	2
		3	2	20.89	20.76	20.84	22.00	2
		3	3	20.87	20.80	20.92	22.00	2
		6	0	19.81	19.81	19.81	21.00	3
1.4	256-QAM	1	0	19.79	19.80	19.82	21.00	3
		1	2	19.91	19.87	19.95	21.00	3
		1	5	19.84	19.90	19.92	21.00	3
		3	0	19.87	19.70	19.87	21.00	3
		3	2	19.82	19.86	19.79	21.00	3
		3	3	19.89	19.77	19.90	21.00	3
		6	0	18.84	18.77	18.85	20.00	4

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Ant5

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	18.13	18.06	18.01	18.50	0
		1	25	18.01	17.82	17.77	18.50	0
		1	49	17.95	17.97	17.90	18.50	0
		25	0	16.99	16.91	16.81	17.50	1
		25	12	16.99	16.85	16.81	17.50	1
		25	25	17.00	16.82	16.88	17.50	1
		50	0	16.91	16.93	16.84	17.50	1
10	16-QAM	1	0	16.92	16.95	16.76	17.50	1
		1	25	16.94	16.89	16.90	17.50	1
		1	49	16.98	16.98	16.97	17.50	1
		25	0	16.03	15.87	15.82	16.50	2
		25	12	15.86	16.00	15.85	16.50	2
		25	25	15.93	15.90	15.89	16.50	2
		50	0	15.94	16.02	15.75	16.50	2
10	64-QAM	1	0	15.96	15.95	15.76	16.50	2
		1	25	16.00	15.86	15.82	16.50	2
		1	49	16.04	15.94	15.81	16.50	2
		25	0	15.00	14.93	14.82	15.50	3
		25	12	14.88	14.83	14.94	15.50	3
		25	25	14.94	14.92	14.90	15.50	3
		50	0	15.04	14.88	14.90	15.50	3
10	256-QAM	1	0	15.05	14.85	14.85	15.50	3
		1	25	14.96	14.98	14.90	15.50	3
		1	49	15.01	14.83	14.88	15.50	3
		25	0	14.01	13.82	13.82	14.50	4
		25	12	13.92	13.86	13.85	14.50	4
		25	25	14.09	14.00	13.88	14.50	4
		50	0	13.89	13.90	13.92	14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	17.89	17.93	17.86	18.50	0
		1	12	18.01	17.88	17.94	18.50	0
		1	24	18.00	17.91	17.86	18.50	0
		12	0	16.92	17.00	16.85	17.50	1
		12	6	17.07	16.99	16.87	17.50	1
		12	13	17.06	16.80	16.93	17.50	1
		25	0	16.87	16.88	16.92	17.50	1
5	16-QAM	1	0	17.03	16.90	16.83	17.50	1
		1	12	16.97	16.91	16.84	17.50	1
		1	24	17.00	16.88	16.79	17.50	1
		12	0	15.96	15.88	15.90	16.50	2
		12	6	16.02	15.99	15.92	16.50	2
		12	13	16.03	15.81	15.90	16.50	2
		25	0	16.00	15.96	15.96	16.50	2
5	64-QAM	1	0	15.97	15.81	15.86	16.50	2
		1	12	15.99	15.87	15.85	16.50	2
		1	24	15.96	15.82	15.87	16.50	2
		12	0	14.85	14.89	14.90	15.50	3
		12	6	14.99	14.78	14.87	15.50	3
		12	13	14.96	14.94	14.85	15.50	3
		25	0	15.05	14.91	14.79	15.50	3
5	256-QAM	1	0	15.01	14.89	14.96	15.50	3
		1	12	14.95	14.84	14.89	15.50	3
		1	24	14.95	14.91	14.97	15.50	3
		12	0	14.02	13.97	13.83	14.50	4
		12	6	14.03	13.84	13.99	14.50	4
		12	13	13.96	13.90	13.75	14.50	4
		25	0	13.93	13.91	13.76	14.50	4

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Frequency (MHz)				825.5	836.5	847.5		
Channel				20415	20525	20635		
3	QPSK	1	0	18.00	17.78	17.85	18.50	0
		1	7	17.98	17.95	17.80	18.50	0
		1	14	17.89	17.82	17.87	18.50	0
		8	0	16.92	16.85	16.93	17.50	1
		8	4	17.03	16.87	16.72	17.50	1
		8	7	17.10	16.86	16.85	17.50	1
		15	0	16.94	16.96	16.82	17.50	1
3	16-QAM	1	0	17.01	16.79	16.83	17.50	1
		1	7	16.90	17.00	16.86	17.50	1
		1	14	16.93	16.86	16.95	17.50	1
		8	0	16.06	16.00	15.90	16.50	2
		8	4	15.84	15.89	15.86	16.50	2
		8	7	15.94	15.84	15.80	16.50	2
		15	0	15.99	15.87	15.82	16.50	2
3	64-QAM	1	0	16.05	15.95	15.74	16.50	2
		1	7	15.97	15.78	15.89	16.50	2
		1	14	16.01	15.86	15.85	16.50	2
		8	0	15.02	14.89	14.80	15.50	3
		8	4	15.06	14.99	14.83	15.50	3
		8	7	15.02	14.86	14.93	15.50	3
		15	0	14.99	15.00	14.88	15.50	3
3	256-QAM	1	0	15.02	14.88	14.90	15.50	3
		1	7	14.93	14.85	14.73	15.50	3
		1	14	14.96	14.95	14.88	15.50	3
		8	0	13.95	13.84	13.75	14.50	4
		8	4	14.09	13.84	13.90	14.50	4
		8	7	13.99	13.88	13.83	14.50	4
		15	0	14.05	13.94	13.78	14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	17.79	17.68	17.65	18.50	0
		1	2	17.80	17.66	17.71	18.50	0
		1	5	17.94	17.62	17.73	18.50	0
		3	0	17.97	17.76	17.74	18.50	0
		3	2	17.81	17.69	17.67	18.50	0
		3	3	17.85	17.62	17.60	18.50	0
		6	0	16.76	16.66	16.70	17.50	1
1.4	16-QAM	1	0	16.83	16.64	16.62	17.50	1
		1	2	16.79	16.66	16.76	17.50	1
		1	5	16.83	16.70	16.61	17.50	1
		3	0	16.90	16.61	16.63	17.50	1
		3	2	16.84	16.64	16.68	17.50	1
		3	3	16.89	16.64	16.83	17.50	1
		6	0	15.89	15.60	15.73	16.50	2
1.4	64-QAM	1	0	15.91	15.62	15.61	16.50	2
		1	2	15.96	15.61	15.61	16.50	2
		1	5	15.73	15.67	15.81	16.50	2
		3	0	15.88	15.58	15.72	16.50	2
		3	2	15.82	15.62	15.65	16.50	2
		3	3	15.84	15.71	15.79	16.50	2
		6	0	14.82	14.61	14.70	15.50	3
1.4	256-QAM	1	0	14.81	14.62	14.74	15.50	3
		1	2	14.89	14.55	14.71	15.50	3
		1	5	14.88	14.54	14.69	15.50	3
		3	0	14.87	14.65	14.74	15.50	3
		3	2	14.86	14.65	14.70	15.50	3
		3	3	14.84	14.61	14.79	15.50	3
		6	0	13.78	13.61	13.75	14.50	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	18.05	18.01	17.98	18.50	0
		1	25	17.84	17.98	17.81	18.50	0
		1	49	17.90	17.87	17.92	18.50	0
		25	0	16.80	16.87	16.70	17.50	1
		25	12	16.96	16.72	16.73	17.50	1
		25	25	16.93	16.84	16.78	17.50	1
		50	0	17.00	16.89	16.80	17.50	1
10	16-QAM	1	0	17.01	16.83	16.75	17.50	1
		1	25	16.98	16.94	16.80	17.50	1
		1	49	16.96	16.84	16.89	17.50	1
		25	0	15.95	15.80	15.88	16.50	2
		25	12	15.90	15.81	15.80	16.50	2
		25	25	15.97	15.91	15.78	16.50	2
		50	0	15.78	15.83	15.89	16.50	2
10	64-QAM	1	0	15.88	15.80	15.82	16.50	2
		1	25	15.93	15.87	15.78	16.50	2
		1	49	15.92	15.80	15.75	16.50	2
		25	0	14.89	14.94	14.78	15.50	3
		25	12	14.94	14.86	14.82	15.50	3
		25	25	14.95	14.79	14.69	15.50	3
		50	0	14.91	14.89	14.87	15.50	3
10	256-QAM	1	0	14.88	14.87	14.82	15.50	3
		1	25	14.84	14.81	14.90	15.50	3
		1	49	14.89	14.80	14.75	15.50	3
		25	0	13.89	13.85	13.90	14.50	4
		25	12	13.77	13.86	13.84	14.50	4
		25	25	13.91	13.94	13.71	14.50	4
		50	0	13.93	13.85	13.76	14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				23035	23095	23155		
5	QPSK	1	0	17.89	17.77	17.87	18.50	0
		1	12	17.87	17.89	17.75	18.50	0
		1	24	17.79	17.97	17.94	18.50	0
		12	0	16.82	16.87	16.79	17.50	1
		12	6	16.98	16.76	16.84	17.50	1
		12	13	16.85	16.84	16.77	17.50	1
		25	0	16.88	16.84	16.75	17.50	1
5	16-QAM	1	0	16.88	16.82	16.83	17.50	1
		1	12	16.78	16.97	16.92	17.50	1
		1	24	16.87	16.81	16.85	17.50	1
		12	0	15.93	15.72	15.85	16.50	2
		12	6	15.82	15.81	15.88	16.50	2
		12	13	15.85	15.98	15.91	16.50	2
		25	0	15.88	15.81	15.89	16.50	2
5	64-QAM	1	0	15.83	15.91	15.81	16.50	2
		1	12	15.99	15.89	15.81	16.50	2
		1	24	15.92	15.89	15.88	16.50	2
		12	0	14.81	14.87	14.78	15.50	3
		12	6	14.89	14.90	14.80	15.50	3
		12	13	14.87	14.90	14.82	15.50	3
		25	0	14.79	14.81	14.90	15.50	3
5	256-QAM	1	0	14.89	14.96	14.72	15.50	3
		1	12	14.89	14.90	14.88	15.50	3
		1	24	15.00	14.95	14.87	15.50	3
		12	0	13.89	13.90	13.89	14.50	4
		12	6	13.91	13.84	13.91	14.50	4
		12	13	13.89	13.75	13.83	14.50	4
		25	0	13.90	13.97	13.79	14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				700.5	707.5	714.5		
Channel				23025	23095	23165		
3	QPSK	1	0	17.93	17.84	17.75	18.50	0
		1	7	17.86	17.86	17.81	18.50	0
		1	14	17.99	17.85	17.90	18.50	0
		8	0	16.91	16.77	16.73	17.50	1
		8	4	16.88	16.86	16.83	17.50	1
		8	7	16.80	16.75	16.79	17.50	1
		15	0	16.87	16.97	16.72	17.50	1
3	16-QAM	1	0	16.92	16.78	16.92	17.50	1
		1	7	16.86	16.80	16.81	17.50	1
		1	14	16.95	16.94	16.94	17.50	1
		8	0	15.82	15.94	15.75	16.50	2
		8	4	15.76	15.79	15.77	16.50	2
		8	7	15.94	15.89	15.76	16.50	2
		15	0	15.81	15.76	15.81	16.50	2
3	64-QAM	1	0	15.86	15.92	15.79	16.50	2
		1	7	15.91	15.89	15.80	16.50	2
		1	14	15.87	15.98	15.96	16.50	2
		8	0	14.93	14.85	14.88	15.50	3
		8	4	14.83	14.74	14.93	15.50	3
		8	7	14.87	14.77	14.75	15.50	3
		15	0	14.90	14.82	14.88	15.50	3
3	256-QAM	1	0	14.99	14.85	14.80	15.50	3
		1	7	14.92	14.82	14.83	15.50	3
		1	14	14.91	14.82	14.83	15.50	3
		8	0	13.87	13.77	13.78	14.50	4
		8	4	13.80	13.81	13.85	14.50	4
		8	7	13.84	13.81	13.80	14.50	4
		15	0	13.95	13.92	13.84	14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	17.78	17.67	17.52	18.50	0
		1	2	17.79	17.75	17.67	18.50	0
		1	5	17.69	17.68	17.58	18.50	0
		3	0	17.84	17.71	17.59	18.50	0
		3	2	17.71	17.66	17.55	18.50	0
		3	3	17.81	17.68	17.55	18.50	0
		6	0	16.71	16.76	16.57	17.50	1
1.4	16-QAM	1	0	16.74	16.71	16.63	17.50	1
		1	2	16.80	16.69	16.50	17.50	1
		1	5	16.84	16.70	16.55	17.50	1
		3	0	16.77	16.69	16.58	17.50	1
		3	2	16.81	16.68	16.47	17.50	1
		3	3	16.73	16.64	16.57	17.50	1
		6	0	15.84	15.76	15.47	16.50	2
1.4	64-QAM	1	0	15.86	15.73	15.49	16.50	2
		1	2	15.65	15.68	15.60	16.50	2
		1	5	15.64	15.66	15.56	16.50	2
		3	0	15.74	15.67	15.55	16.50	2
		3	2	15.80	15.70	15.63	16.50	2
		3	3	15.79	15.75	15.63	16.50	2
		6	0	14.81	14.60	14.63	15.50	3
1.4	256-QAM	1	0	14.67	14.75	14.69	15.50	3
		1	2	14.82	14.66	14.64	15.50	3
		1	5	14.65	14.76	14.58	15.50	3
		3	0	14.84	14.66	14.55	15.50	3
		3	2	14.69	14.58	14.63	15.50	3
		3	3	14.81	14.71	14.68	15.50	3
		6	0	13.71	13.63	13.62	14.50	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		17.87		18.50	0
		1	25		17.69		18.50	0
		1	49		17.74		18.50	0
		25	0		16.77		17.50	1
		25	12		16.76		17.50	1
		25	25		16.60		17.50	1
		50	0		16.61		17.50	1
10	16-QAM	1	0		16.71		17.50	1
		1	25		16.79		17.50	1
		1	49		16.63		17.50	1
		25	0		15.65		16.50	2
		25	12		15.74		16.50	2
		25	25		15.75		16.50	2
		50	0		15.71		16.50	2
10	64-QAM	1	0		15.73		16.50	2
		1	25		15.72		16.50	2
		1	49		15.64		16.50	2
		25	0		14.76		15.50	3
		25	12		14.68		15.50	3
		25	25		14.68		15.50	3
		50	0		14.74		15.50	3
10	256-QAM	1	0		14.67		15.50	3
		1	25		14.70		15.50	3
		1	49		14.58		15.50	3
		25	0		13.83		14.50	4
		25	12		13.68		14.50	4
		25	25		13.76		14.50	4
		50	0		13.80		14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				779.5	782	784.5		
Channel				23205	23230	23255		
5	QPSK	1	0	17.71	17.63	17.58	18.50	0
		1	12	17.44	17.38	17.43	18.50	0
		1	24	17.45	17.45	17.40	18.50	0
		12	0	16.63	16.55	16.45	17.50	1
		12	6	16.58	16.47	16.30	17.50	1
		12	13	16.57	16.54	16.37	17.50	1
		25	0	16.59	16.45	16.40	17.50	1
5	16-QAM	1	0	16.53	16.44	16.50	17.50	1
		1	12	16.45	16.39	16.51	17.50	1
		1	24	16.60	16.44	16.49	17.50	1
		12	0	15.56	15.42	15.34	16.50	2
		12	6	15.58	15.58	15.33	16.50	2
		12	13	15.46	15.50	15.35	16.50	2
		25	0	15.51	15.39	15.47	16.50	2
5	64-QAM	1	0	15.53	15.48	15.41	16.50	2
		1	12	15.56	15.56	15.47	16.50	2
		1	24	15.55	15.55	15.34	16.50	2
		12	0	14.55	14.51	14.53	15.50	3
		12	6	14.60	14.41	14.43	15.50	3
		12	13	14.52	14.50	14.39	15.50	3
		25	0	14.59	14.39	14.42	15.50	3
5	256-QAM	1	0	14.58	14.56	14.29	15.50	3
		1	12	14.59	14.47	14.35	15.50	3
		1	24	14.48	14.57	14.33	15.50	3
		12	0	13.50	13.50	13.42	14.50	4
		12	6	13.54	13.50	13.47	14.50	4
		12	13	13.60	13.42	13.41	14.50	4
		25	0	13.58	13.35	13.43	14.50	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		18.04		18.50	0
		1	25		17.83		18.50	0
		1	49		17.86		18.50	0
		25	0		16.96		17.50	1
		25	12		16.97		17.50	1
		25	25		16.85		17.50	1
		50	0		16.86		17.50	1
10	16-QAM	1	0		16.94		17.50	1
		1	25		16.82		17.50	1
		1	49		16.93		17.50	1
		25	0		15.84		16.50	2
		25	12		15.74		16.50	2
		25	25		15.89		16.50	2
		50	0		15.88		16.50	2
10	64-QAM	1	0		15.87		16.50	2
		1	25		15.90		16.50	2
		1	49		15.91		16.50	2
		25	0		14.76		15.50	3
		25	12		14.80		15.50	3
		25	25		14.94		15.50	3
		50	0		14.95		15.50	3
10	256-QAM	1	0		14.88		15.50	3
		1	25		15.01		15.50	3
		1	49		14.80		15.50	3
		25	0		13.81		14.50	4
		25	12		13.87		14.50	4
		25	25		13.85		14.50	4
		50	0		13.88		14.50	4

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LTE Band 14								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				790.5	793	795.5		
Channel				23305	23330	23355		
5	QPSK	1	0	17.93	17.89	17.90	18.50	0
		1	12	17.64	17.69	17.80	18.50	0
		1	24	17.84	17.80	17.77	18.50	0
		12	0	16.71	16.71	16.77	17.50	1
		12	6	16.69	16.69	16.81	17.50	1
		12	13	16.81	16.85	16.75	17.50	1
		25	0	16.80	16.63	16.71	17.50	1
5	16-QAM	1	0	16.81	16.67	16.81	17.50	1
		1	12	16.82	16.77	16.83	17.50	1
		1	24	16.87	16.64	16.79	17.50	1
		12	0	15.83	15.80	15.69	16.50	2
		12	6	15.78	15.70	15.73	16.50	2
		12	13	15.78	15.68	15.81	16.50	2
		25	0	15.77	15.84	15.67	16.50	2
5	64-QAM	1	0	15.90	15.73	15.66	16.50	2
		1	12	15.83	15.77	15.65	16.50	2
		1	24	15.73	15.75	15.77	16.50	2
		12	0	14.83	14.76	14.76	15.50	3
		12	6	14.69	14.70	14.72	15.50	3
		12	13	14.90	14.66	14.73	15.50	3
		25	0	14.88	14.73	14.70	15.50	3
5	256-QAM	1	0	14.73	14.73	14.76	15.50	3
		1	12	14.84	14.82	14.87	15.50	3
		1	24	14.72	14.74	14.72	15.50	3
		12	0	13.78	13.85	13.83	14.50	4
		12	6	13.86	13.79	13.66	14.50	4
		12	13	13.83	13.78	13.78	14.50	4
		25	0	13.77	13.71	13.78	14.50	4

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				709	710	711		
Channel				23780	23790	23800		
10	QPSK	1	0	17.90	17.92	17.93	18.50	0
		1	25	17.64	17.65	17.69	18.50	0
		1	49	17.77	17.68	17.74	18.50	0
		25	0	16.79	16.86	16.81	17.50	1
		25	12	16.72	16.81	16.88	17.50	1
		25	25	16.71	16.80	16.67	17.50	1
		50	0	16.72	16.85	16.76	17.50	1
10	16-QAM	1	0	16.83	16.71	16.73	17.50	1
		1	25	16.70	16.82	16.74	17.50	1
		1	49	16.75	16.76	16.79	17.50	1
		25	0	15.66	15.81	15.65	16.50	2
		25	12	15.71	15.71	15.76	16.50	2
		25	25	15.76	15.66	15.77	16.50	2
		50	0	15.68	15.75	15.77	16.50	2
10	64-QAM	1	0	15.83	15.75	15.69	16.50	2
		1	25	15.67	15.79	15.77	16.50	2
		1	49	15.79	15.83	15.72	16.50	2
		25	0	14.70	14.89	14.72	15.50	3
		25	12	14.65	14.83	14.77	15.50	3
		25	25	14.72	14.78	14.71	15.50	3
		50	0	14.75	14.70	14.76	15.50	3
10	256-QAM	1	0	14.67	14.70	14.68	15.50	3
		1	25	14.70	14.77	14.78	15.50	3
		1	49	14.61	14.66	14.78	15.50	3
		25	0	13.73	13.78	13.77	14.50	4
		25	12	13.76	13.78	13.73	14.50	4
		25	25	13.76	13.79	13.86	14.50	4
		50	0	13.76	13.76	13.77	14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	710	713.5		
Channel				23755	23790	23825		
5	QPSK	1	0	17.72	17.84	17.81	18.50	0
		1	12	17.83	17.77	17.84	18.50	0
		1	24	17.88	17.81	17.78	18.50	0
		12	0	16.86	16.79	16.67	17.50	1
		12	6	16.74	16.74	16.76	17.50	1
		12	13	16.70	16.86	16.75	17.50	1
		25	0	16.80	16.84	16.71	17.50	1
5	16-QAM	1	0	16.78	16.82	16.69	17.50	1
		1	12	16.82	16.67	16.77	17.50	1
		1	24	16.70	16.78	16.83	17.50	1
		12	0	15.74	15.82	15.78	16.50	2
		12	6	15.72	15.75	15.83	16.50	2
		12	13	15.88	15.73	15.77	16.50	2
		25	0	15.66	15.71	15.76	16.50	2
5	64-QAM	1	0	15.68	15.73	15.77	16.50	2
		1	12	15.67	15.69	15.87	16.50	2
		1	24	15.79	15.75	15.86	16.50	2
		12	0	14.82	14.90	14.75	15.50	3
		12	6	14.79	14.83	14.76	15.50	3
		12	13	14.68	14.83	14.83	15.50	3
		25	0	14.78	14.73	14.74	15.50	3
5	256-QAM	1	0	14.85	14.83	14.74	15.50	3
		1	12	14.71	14.80	14.74	15.50	3
		1	24	14.77	14.85	14.83	15.50	3
		12	0	13.68	13.78	13.80	14.50	4
		12	6	13.77	13.76	13.74	14.50	4
		12	13	13.77	13.76	13.79	14.50	4
		25	0	13.64	13.74	13.75	14.50	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	17.70	17.51	17.61	18.50	0
		1	36	17.47	17.26	17.50	18.50	0
		1	74	17.45	17.38	17.51	18.50	0
		36	0	16.49	16.28	16.50	17.50	1
		36	18	16.54	16.29	16.51	17.50	1
		36	37	16.50	16.40	16.40	17.50	1
		75	0	16.48	16.41	16.46	17.50	1
15	16-QAM	1	0	16.57	16.34	16.55	17.50	1
		1	36	16.67	16.33	16.39	17.50	1
		1	74	16.54	16.35	16.55	17.50	1
		36	0	15.56	15.39	15.49	16.50	2
		36	18	15.45	15.36	15.54	16.50	2
		36	37	15.50	15.32	15.34	16.50	2
		75	0	15.49	15.36	15.49	16.50	2
15	64-QAM	1	0	15.40	15.25	15.47	16.50	2
		1	36	15.53	15.42	15.50	16.50	2
		1	74	15.61	15.33	15.39	16.50	2
		36	0	14.62	14.32	14.41	15.50	3
		36	18	14.50	14.28	14.35	15.50	3
		36	37	14.60	14.42	14.52	15.50	3
		75	0	14.53	14.34	14.39	15.50	3
15	256-QAM	1	0	14.58	14.38	14.35	15.50	3
		1	36	14.53	14.37	14.48	15.50	3
		1	74	14.51	14.36	14.43	15.50	3
		36	0	13.53	13.31	13.36	14.50	4
		36	18	13.52	13.37	13.45	14.50	4
		36	37	13.53	13.30	13.40	14.50	4
		75	0	13.55	13.40	13.42	14.50	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)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	17.54	17.46	17.43	18.50	0
		1	25	17.48	17.42	17.47	18.50	0
		1	49	17.50	17.32	17.55	18.50	0
		25	0	16.61	16.44	16.46	17.50	1
		25	12	16.54	16.24	16.31	17.50	1
		25	25	16.52	16.33	16.53	17.50	1
		50	0	16.48	16.37	16.45	17.50	1
10	16-QAM	1	0	16.48	16.39	16.45	17.50	1
		1	25	16.48	16.37	16.43	17.50	1
		1	49	16.60	16.28	16.48	17.50	1
		25	0	15.60	15.29	15.36	16.50	2
		25	12	15.49	15.38	15.35	16.50	2
		25	25	15.60	15.32	15.46	16.50	2
		50	0	15.49	15.42	15.33	16.50	2
10	64-QAM	1	0	15.61	15.34	15.44	16.50	2
		1	25	15.51	15.30	15.43	16.50	2
		1	49	15.59	15.29	15.45	16.50	2
		25	0	14.58	14.40	14.55	15.50	3
		25	12	14.56	14.26	14.41	15.50	3
		25	25	14.48	14.30	14.46	15.50	3
		50	0	14.57	14.38	14.44	15.50	3
10	256-QAM	1	0	14.56	14.36	14.48	15.50	3
		1	25	14.56	14.28	14.38	15.50	3
		1	49	14.64	14.29	14.50	15.50	3
		25	0	13.62	13.37	13.33	14.50	4
		25	12	13.53	13.30	13.42	14.50	4
		25	25	13.62	13.33	13.40	14.50	4
		50	0	13.62	13.38	13.53	14.50	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)				816.5	831.5	846.5		
Channel				26715	26865	27015		
5	QPSK	1	0	17.60	17.35	17.58	18.50	0
		1	12	17.58	17.24	17.36	18.50	0
		1	24	17.51	17.27	17.46	18.50	0
		12	0	16.59	16.34	16.52	17.50	1
		12	6	16.54	16.29	16.43	17.50	1
		12	13	16.55	16.32	16.46	17.50	1
		25	0	16.45	16.33	16.48	17.50	1
5	16-QAM	1	0	16.53	16.36	16.45	17.50	1
		1	12	16.56	16.45	16.51	17.50	1
		1	24	16.62	16.34	16.47	17.50	1
		12	0	15.43	15.30	15.33	16.50	2
		12	6	15.65	15.34	15.39	16.50	2
		12	13	15.56	15.31	15.46	16.50	2
		25	0	15.61	15.39	15.50	16.50	2
5	64-QAM	1	0	15.59	15.39	15.40	16.50	2
		1	12	15.63	15.36	15.51	16.50	2
		1	24	15.67	15.42	15.31	16.50	2
		12	0	14.53	14.31	14.33	15.50	3
		12	6	14.52	14.38	14.45	15.50	3
		12	13	14.62	14.21	14.42	15.50	3
		25	0	14.58	14.24	14.46	15.50	3
5	256-QAM	1	0	14.47	14.41	14.38	15.50	3
		1	12	14.51	14.29	14.53	15.50	3
		1	24	14.65	14.41	14.55	15.50	3
		12	0	13.60	13.37	13.51	14.50	4
		12	6	13.62	13.40	13.38	14.50	4
		12	13	13.55	13.26	13.48	14.50	4
		25	0	13.51	13.33	13.46	14.50	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)				815.5	831.5	847.5		
Channel				26705	26865	27025		
3	QPSK	1	0	17.67	17.41	17.42	18.50	0
		1	7	17.65	17.44	17.54	18.50	0
		1	14	17.54	17.33	17.32	18.50	0
		8	0	16.60	16.30	16.42	17.50	1
		8	4	16.54	16.33	16.40	17.50	1
		8	7	16.57	16.28	16.50	17.50	1
		15	0	16.48	16.37	16.48	17.50	1
3	16-QAM	1	0	16.47	16.33	16.44	17.50	1
		1	7	16.57	16.31	16.52	17.50	1
		1	14	16.58	16.42	16.49	17.50	1
		8	0	15.64	15.40	15.42	16.50	2
		8	4	15.59	15.32	15.42	16.50	2
		8	7	15.59	15.38	15.46	16.50	2
		15	0	15.50	15.35	15.41	16.50	2
3	64-QAM	1	0	15.51	15.24	15.31	16.50	2
		1	7	15.66	15.47	15.49	16.50	2
		1	14	15.51	15.35	15.34	16.50	2
		8	0	14.61	14.25	14.48	15.50	3
		8	4	14.57	14.35	14.53	15.50	3
		8	7	14.49	14.36	14.46	15.50	3
		15	0	14.65	14.38	14.51	15.50	3
3	256-QAM	1	0	14.47	14.41	14.40	15.50	3
		1	7	14.54	14.35	14.36	15.50	3
		1	14	14.52	14.37	14.45	15.50	3
		8	0	13.60	13.29	13.45	14.50	4
		8	4	13.55	13.38	13.40	14.50	4
		8	7	13.47	13.36	13.35	14.50	4
		15	0	13.50	13.44	13.32	14.50	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)				814.7	831.5	848.3		
Channel				26697	26865	27033		
1.4	QPSK	1	0	17.56	17.36	17.31	18.50	0
		1	2	17.45	17.28	17.18	18.50	0
		1	5	17.51	17.25	17.17	18.50	0
		3	0	17.45	17.21	17.31	18.50	0
		3	2	17.55	17.12	17.20	18.50	0
		3	3	17.43	17.22	17.31	18.50	0
		6	0	16.57	16.33	16.14	17.50	1
1.4	16-QAM	1	0	16.51	16.34	16.24	17.50	1
		1	2	16.55	16.27	16.19	17.50	1
		1	5	16.42	16.24	16.28	17.50	1
		3	0	16.41	16.29	16.26	17.50	1
		3	2	16.46	16.26	16.33	17.50	1
		3	3	16.53	16.32	16.21	17.50	1
		6	0	15.57	15.32	15.34	16.50	2
1.4	64-QAM	1	0	15.53	15.20	15.25	16.50	2
		1	2	15.47	15.25	15.29	16.50	2
		1	5	15.57	15.30	15.28	16.50	2
		3	0	15.49	15.38	15.37	16.50	2
		3	2	15.51	15.27	15.24	16.50	2
		3	3	15.47	15.20	15.15	16.50	2
		6	0	14.58	14.31	14.29	15.50	3
1.4	256-QAM	1	0	14.58	14.16	14.21	15.50	3
		1	2	14.42	14.15	14.24	15.50	3
		1	5	14.37	14.32	14.36	15.50	3
		3	0	14.46	14.20	14.28	15.50	3
		3	2	14.53	14.28	14.19	15.50	3
		3	3	14.51	14.17	14.25	15.50	3
		6	0	13.55	13.37	13.31	14.50	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				133222	133297	133372		
20	QPSK	1	0	19.76	19.73	19.85	20.00	0
		1	50	19.59	19.47	19.73	20.00	0
		1	99	19.56	19.58	19.62	20.00	0
		50	0	18.58	18.62	18.72	19.00	1
		50	25	18.63	18.48	18.71	19.00	1
		50	50	18.50	18.54	18.62	19.00	1
		100	0	18.56	18.61	18.65	19.00	1
20	16-QAM	1	0	18.66	18.49	18.72	19.00	1
		1	50	18.50	18.54	18.69	19.00	1
		1	99	18.61	18.63	18.76	19.00	1
		50	0	17.69	17.46	17.68	18.00	2
		50	25	17.67	17.63	17.71	18.00	2
		50	50	17.62	17.55	17.72	18.00	2
		100	0	17.66	17.51	17.81	18.00	2
20	64-QAM	1	0	17.51	17.59	17.72	18.00	2
		1	50	17.53	17.45	17.74	18.00	2
		1	99	17.65	17.61	17.65	18.00	2
		50	0	16.70	16.56	16.73	17.00	3
		50	25	16.59	16.66	16.79	17.00	3
		50	50	16.62	16.48	16.65	17.00	3
		100	0	16.59	16.63	16.66	17.00	3
20	256-QAM	1	0	16.55	16.59	16.66	17.00	3
		1	50	16.58	16.51	16.67	17.00	3
		1	99	16.67	16.53	16.69	17.00	3
		50	0	15.47	15.61	15.77	16.00	4
		50	25	15.48	15.68	15.60	16.00	4
		50	50	15.59	15.48	15.73	16.00	4
		100	0	15.60	15.59	15.70	16.00	4

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LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				133197	133297	133397		
15	QPSK	1	0	19.50	19.61	19.65	20.00	0
		1	36	19.71	19.65	19.63	20.00	0
		1	74	19.54	19.61	19.62	20.00	0
		36	0	18.61	18.47	18.74	19.00	1
		36	18	18.56	18.50	18.81	19.00	1
		36	37	18.61	18.59	18.74	19.00	1
		75	0	18.63	18.61	18.55	19.00	1
15	16-QAM	1	0	18.54	18.55	18.82	19.00	1
		1	36	18.53	18.55	18.73	19.00	1
		1	74	18.58	18.61	18.71	19.00	1
		36	0	17.52	17.53	17.58	18.00	2
		36	18	17.49	17.44	17.66	18.00	2
		36	37	17.62	17.43	17.65	18.00	2
		75	0	17.58	17.58	17.78	18.00	2
15	64-QAM	1	0	17.56	17.52	17.65	18.00	2
		1	36	17.61	17.60	17.74	18.00	2
		1	74	17.67	17.57	17.78	18.00	2
		36	0	16.61	16.49	16.66	17.00	3
		36	18	16.57	16.51	16.61	17.00	3
		36	37	16.65	16.53	16.73	17.00	3
		75	0	16.58	16.52	16.67	17.00	3
15	256-QAM	1	0	16.58	16.51	16.68	17.00	3
		1	36	16.62	16.61	16.75	17.00	3
		1	74	16.51	16.58	16.64	17.00	3
		36	0	15.60	15.65	15.64	16.00	4
		36	18	15.68	15.54	15.63	16.00	4
		36	37	15.53	15.51	15.65	16.00	4
		75	0	15.57	15.56	15.78	16.00	4

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Frequency (MHz)				668	680.5	693		
Channel				133172	133297	133422		
10	QPSK	1	0	19.72	19.50	19.70	20.00	0
		1	25	19.58	19.48	19.63	20.00	0
		1	49	19.55	19.62	19.68	20.00	0
		25	0	18.63	18.52	18.69	19.00	1
		25	12	18.67	18.62	18.61	19.00	1
		25	25	18.67	18.58	18.80	19.00	1
		50	0	18.67	18.60	18.62	19.00	1
10	16-QAM	1	0	18.53	18.58	18.76	19.00	1
		1	25	18.53	18.58	18.62	19.00	1
		1	49	18.64	18.61	18.69	19.00	1
		25	0	17.61	17.63	17.67	18.00	2
		25	12	17.67	17.44	17.57	18.00	2
		25	25	17.62	17.67	17.75	18.00	2
		50	0	17.65	17.66	17.67	18.00	2
10	64-QAM	1	0	17.59	17.56	17.62	18.00	2
		1	25	17.68	17.50	17.69	18.00	2
		1	49	17.63	17.53	17.64	18.00	2
		25	0	16.59	16.52	16.58	17.00	3
		25	12	16.56	16.59	16.71	17.00	3
		25	25	16.50	16.47	16.62	17.00	3
		50	0	16.48	16.53	16.56	17.00	3
10	256-QAM	1	0	16.66	16.47	16.67	17.00	3
		1	25	16.63	16.54	16.70	17.00	3
		1	49	16.73	16.58	16.73	17.00	3
		25	0	15.57	15.61	15.73	16.00	4
		25	12	15.49	15.58	15.67	16.00	4
		25	25	15.64	15.57	15.64	16.00	4
		50	0	15.60	15.49	15.56	16.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	19.55	19.61	19.66	20.00	0
		1	12	19.59	19.66	19.72	20.00	0
		1	24	19.68	19.53	19.66	20.00	0
		12	0	18.50	18.57	18.74	19.00	1
		12	6	18.66	18.60	18.70	19.00	1
		12	13	18.65	18.50	18.64	19.00	1
		25	0	18.62	18.50	18.62	19.00	1
5	16-QAM	1	0	18.61	18.52	18.60	19.00	1
		1	12	18.61	18.55	18.74	19.00	1
		1	24	18.70	18.70	18.69	19.00	1
		12	0	17.62	17.60	17.74	18.00	2
		12	6	17.67	17.61	17.64	18.00	2
		12	13	17.60	17.47	17.68	18.00	2
		25	0	17.65	17.54	17.61	18.00	2
5	64-QAM	1	0	17.58	17.55	17.66	18.00	2
		1	12	17.56	17.59	17.60	18.00	2
		1	24	17.53	17.63	17.67	18.00	2
		12	0	16.57	16.53	16.61	17.00	3
		12	6	16.57	16.70	16.71	17.00	3
		12	13	16.61	16.59	16.68	17.00	3
		25	0	16.55	16.68	16.66	17.00	3
5	256-QAM	1	0	16.58	16.50	16.58	17.00	3
		1	12	16.64	16.61	16.68	17.00	3
		1	24	16.71	16.62	16.70	17.00	3
		12	0	15.61	15.64	15.66	16.00	4
		12	6	15.48	15.59	15.78	16.00	4
		12	13	15.51	15.61	15.66	16.00	4
		25	0	15.57	15.56	15.70	16.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	15.84	16.14	16.21	16.50	0
		1	50	15.69	15.91	16.11	16.50	0
		1	99	15.71	15.93	16.00	16.50	0
		50	0	14.68	15.01	15.03	15.50	1
		50	25	14.69	15.04	15.08	15.50	1
		50	50	14.74	14.94	15.05	15.50	1
		100	0	14.64	14.93	15.05	15.50	1
20	16-QAM	1	0	14.71	14.98	15.02	15.50	1
		1	50	14.74	14.95	15.10	15.50	1
		1	99	14.80	15.04	15.02	15.50	1
		50	0	13.78	14.06	14.12	14.50	2
		50	25	13.66	14.04	14.03	14.50	2
		50	50	13.59	13.98	14.04	14.50	2
		100	0	13.64	13.90	14.06	14.50	2
20	64-QAM	1	0	13.68	14.04	14.12	14.50	2
		1	50	13.60	13.98	14.09	14.50	2
		1	99	13.65	13.87	14.15	14.50	2
		50	0	12.58	13.07	12.94	13.50	3
		50	25	12.69	13.03	13.03	13.50	3
		50	50	12.68	13.01	12.96	13.50	3
		100	0	12.66	13.06	13.00	13.50	3
20	256-QAM	1	0	12.64	13.02	12.92	13.50	3
		1	50	12.63	13.01	13.07	13.50	3
		1	99	12.65	13.08	13.11	13.50	3
		50	0	11.55	12.01	12.11	12.50	4
		50	25	11.58	11.95	12.06	12.50	4
		50	50	11.57	12.00	12.11	12.50	4
		100	0	11.67	11.98	11.97	12.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				18675	18900	19125		
15	QPSK	1	0	15.58	15.91	16.01	16.50	0
		1	36	15.69	15.98	15.95	16.50	0
		1	74	15.58	16.05	16.05	16.50	0
		36	0	14.68	15.02	15.03	15.50	1
		36	18	14.78	15.01	14.98	15.50	1
		36	37	14.68	15.03	15.14	15.50	1
		75	0	14.64	15.04	14.98	15.50	1
15	16-QAM	1	0	14.67	14.96	14.95	15.50	1
		1	36	14.65	15.02	15.10	15.50	1
		1	74	14.73	14.95	14.98	15.50	1
		36	0	13.64	14.03	14.07	14.50	2
		36	18	13.60	13.98	14.09	14.50	2
		36	37	13.65	13.94	14.05	14.50	2
		75	0	13.77	14.04	13.99	14.50	2
15	64-QAM	1	0	13.75	13.93	13.94	14.50	2
		1	36	13.71	14.02	14.06	14.50	2
		1	74	13.60	13.86	14.09	14.50	2
		36	0	12.82	13.02	13.06	13.50	3
		36	18	12.67	12.95	12.96	13.50	3
		36	37	12.55	12.97	13.02	13.50	3
		75	0	12.75	13.00	12.95	13.50	3
15	256-QAM	1	0	12.74	13.07	12.97	13.50	3
		1	36	12.64	12.97	13.05	13.50	3
		1	74	12.79	12.96	13.05	13.50	3
		36	0	11.71	12.00	12.01	12.50	4
		36	18	11.62	12.06	11.96	12.50	4
		36	37	11.61	12.03	12.17	12.50	4
		75	0	11.71	12.04	12.12	12.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				18650	18900	19150		
10	QPSK	1	0	15.69	16.07	16.05	16.50	0
		1	25	15.68	15.89	16.05	16.50	0
		1	49	15.60	15.93	16.02	16.50	0
		25	0	14.69	14.86	14.98	15.50	1
		25	12	14.71	15.03	15.15	15.50	1
		25	25	14.60	14.94	15.13	15.50	1
		50	0	14.70	14.99	15.17	15.50	1
10	16-QAM	1	0	14.64	14.94	15.04	15.50	1
		1	25	14.69	15.02	14.92	15.50	1
		1	49	14.62	15.04	15.09	15.50	1
		25	0	13.64	14.09	14.06	14.50	2
		25	12	13.68	14.03	14.01	14.50	2
		25	25	13.62	13.96	14.12	14.50	2
		50	0	13.79	13.98	14.09	14.50	2
10	64-QAM	1	0	13.74	13.92	14.02	14.50	2
		1	25	13.82	13.96	14.00	14.50	2
		1	49	13.80	14.04	14.04	14.50	2
		25	0	12.63	12.97	13.17	13.50	3
		25	12	12.64	13.06	13.05	13.50	3
		25	25	12.64	13.01	12.92	13.50	3
		50	0	12.71	13.02	13.13	13.50	3
10	256-QAM	1	0	12.66	13.09	13.13	13.50	3
		1	25	12.71	13.02	13.08	13.50	3
		1	49	12.63	12.92	13.05	13.50	3
		25	0	11.68	12.03	12.05	12.50	4
		25	12	11.68	12.06	12.00	12.50	4
		25	25	11.62	11.98	11.94	12.50	4
		50	0	11.58	12.06	12.05	12.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				18625	18900	19175		
5	QPSK	1	0	15.56	16.00	15.99	16.50	0
		1	12	15.62	15.91	15.96	16.50	0
		1	24	15.71	15.85	15.95	16.50	0
		12	0	14.67	14.97	15.08	15.50	1
		12	6	14.78	15.05	15.08	15.50	1
		12	13	14.58	15.03	15.05	15.50	1
		25	0	14.70	14.98	15.04	15.50	1
5	16-QAM	1	0	14.65	14.97	15.03	15.50	1
		1	12	14.58	14.94	15.09	15.50	1
		1	24	14.77	14.94	14.94	15.50	1
		12	0	13.70	13.90	14.11	14.50	2
		12	6	13.81	14.01	14.13	14.50	2
		12	13	13.62	14.01	14.07	14.50	2
		25	0	13.64	13.94	14.12	14.50	2
5	64-QAM	1	0	13.63	13.92	14.18	14.50	2
		1	12	13.67	13.89	13.97	14.50	2
		1	24	13.65	13.98	14.15	14.50	2
		12	0	12.71	13.09	13.11	13.50	3
		12	6	12.67	12.93	13.12	13.50	3
		12	13	12.70	12.97	13.00	13.50	3
		25	0	12.73	13.00	13.14	13.50	3
5	256-QAM	1	0	12.64	12.91	12.93	13.50	3
		1	12	12.69	12.90	13.17	13.50	3
		1	24	12.76	12.97	13.05	13.50	3
		12	0	11.66	11.87	12.07	12.50	4
		12	6	11.71	11.95	12.08	12.50	4
		12	13	11.69	11.91	12.08	12.50	4
		25	0	11.65	11.93	12.06	12.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	15.70	15.94	16.07	16.50	0
		1	7	15.72	16.08	16.13	16.50	0
		1	14	15.68	16.06	15.97	16.50	0
		8	0	14.73	14.95	15.11	15.50	1
		8	4	14.64	14.97	14.95	15.50	1
		8	7	14.59	14.99	15.06	15.50	1
		15	0	14.62	15.04	15.05	15.50	1
3	16-QAM	1	0	14.64	15.00	15.08	15.50	1
		1	7	14.73	14.94	14.99	15.50	1
		1	14	14.71	15.03	15.08	15.50	1
		8	0	13.75	14.00	14.08	14.50	2
		8	4	13.63	13.96	14.16	14.50	2
		8	7	13.68	13.91	14.10	14.50	2
		15	0	13.65	13.95	14.18	14.50	2
3	64-QAM	1	0	13.67	13.99	13.99	14.50	2
		1	7	13.73	13.94	14.02	14.50	2
		1	14	13.68	14.00	14.13	14.50	2
		8	0	12.66	12.98	13.05	13.50	3
		8	4	12.65	13.09	12.95	13.50	3
		8	7	12.64	12.87	13.08	13.50	3
		15	0	12.66	12.96	13.08	13.50	3
3	256-QAM	1	0	12.70	12.98	13.13	13.50	3
		1	7	12.68	12.98	13.10	13.50	3
		1	14	12.70	13.00	13.02	13.50	3
		8	0	11.73	11.91	11.98	12.50	4
		8	4	11.58	12.10	12.04	12.50	4
		8	7	11.55	12.06	12.06	12.50	4
		15	0	11.77	11.99	12.02	12.50	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	15.55	15.82	15.91	16.50	0
		1	2	15.53	15.79	15.88	16.50	0
		1	5	15.66	15.87	15.95	16.50	0
		3	0	15.54	15.66	15.92	16.50	0
		3	2	15.50	15.89	15.86	16.50	0
		3	3	15.59	15.83	16.02	16.50	0
		6	0	14.61	14.73	14.95	15.50	1
1.4	16-QAM	1	0	14.67	14.77	14.92	15.50	1
		1	2	14.49	14.72	14.94	15.50	1
		1	5	14.59	14.79	14.96	15.50	1
		3	0	14.62	14.83	14.94	15.50	1
		3	2	14.54	14.83	14.98	15.50	1
		3	3	14.58	14.83	14.88	15.50	1
		6	0	13.46	13.70	13.89	14.50	2
1.4	64-QAM	1	0	13.56	13.73	13.83	14.50	2
		1	2	13.62	13.79	13.83	14.50	2
		1	5	13.58	13.77	13.88	14.50	2
		3	0	13.55	13.83	13.93	14.50	2
		3	2	13.63	13.84	13.84	14.50	2
		3	3	13.63	13.73	13.95	14.50	2
		6	0	12.51	12.74	12.94	13.50	3
1.4	256-QAM	1	0	12.53	12.79	12.88	13.50	3
		1	2	12.47	12.73	13.00	13.50	3
		1	5	12.62	12.76	12.91	13.50	3
		3	0	12.53	12.79	12.88	13.50	3
		3	2	12.50	12.81	12.98	13.50	3
		3	3	12.52	12.83	12.91	13.50	3
		6	0	11.47	11.77	11.90	12.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1732.5	1745		
Channel				20050	20175	20300		
20	QPSK	1	0	16.87	16.70	16.79	17.00	0
		1	50	16.79	16.64	16.57	17.00	0
		1	99	16.58	16.61	16.55	17.00	0
		50	0	15.79	15.53	15.64	16.00	1
		50	25	15.77	15.45	15.53	16.00	1
		50	50	15.83	15.51	15.72	16.00	1
		100	0	15.65	15.59	15.56	16.00	1
20	16-QAM	1	0	15.79	15.43	15.62	16.00	1
		1	50	15.69	15.53	15.75	16.00	1
		1	99	15.76	15.52	15.74	16.00	1
		50	0	14.67	14.61	14.60	15.00	2
		50	25	14.66	14.60	14.65	15.00	2
		50	50	14.64	14.57	14.68	15.00	2
		100	0	14.64	14.44	14.64	15.00	2
20	64-QAM	1	0	14.75	14.60	14.60	15.00	2
		1	50	14.76	14.46	14.65	15.00	2
		1	99	14.78	14.41	14.69	15.00	2
		50	0	13.73	13.47	13.58	14.00	3
		50	25	13.64	13.52	13.50	14.00	3
		50	50	13.62	13.52	13.63	14.00	3
		100	0	13.61	13.65	13.67	14.00	3
20	256-QAM	1	0	13.66	13.58	13.61	14.00	3
		1	50	13.64	13.57	13.56	14.00	3
		1	99	13.80	13.52	13.70	14.00	3
		50	0	12.75	12.62	12.65	13.00	4
		50	25	12.75	12.64	12.54	13.00	4
		50	50	12.70	12.42	12.62	13.00	4
		100	0	12.64	12.51	12.55	13.00	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	16.67	16.58	16.55	17.00	0
		1	36	16.66	16.55	16.57	17.00	0
		1	74	16.78	16.44	16.59	17.00	0
		36	0	15.60	15.58	15.57	16.00	1
		36	18	15.63	15.50	15.66	16.00	1
		36	37	15.78	15.58	15.70	16.00	1
		75	0	15.67	15.58	15.61	16.00	1
15	16-QAM	1	0	15.64	15.45	15.66	16.00	1
		1	36	15.77	15.41	15.75	16.00	1
		1	74	15.79	15.50	15.73	16.00	1
		36	0	14.83	14.54	14.72	15.00	2
		36	18	14.81	14.54	14.68	15.00	2
		36	37	14.70	14.51	14.69	15.00	2
		75	0	14.59	14.48	14.53	15.00	2
15	64-QAM	1	0	14.78	14.56	14.63	15.00	2
		1	36	14.62	14.65	14.64	15.00	2
		1	74	14.82	14.51	14.64	15.00	2
		36	0	13.63	13.52	13.61	14.00	3
		36	18	13.68	13.65	13.55	14.00	3
		36	37	13.66	13.52	13.63	14.00	3
		75	0	13.71	13.51	13.64	14.00	3
15	256-QAM	1	0	13.71	13.53	13.68	14.00	3
		1	36	13.78	13.50	13.76	14.00	3
		1	74	13.71	13.67	13.55	14.00	3
		36	0	12.66	12.60	12.60	13.00	4
		36	18	12.83	12.55	12.58	13.00	4
		36	37	12.70	12.57	12.49	13.00	4
		75	0	12.69	12.56	12.54	13.00	4

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Frequency (MHz)				1715	1732.5	1750		
Channel				20000	20175	20350		
10	QPSK	1	0	16.66	16.42	16.72	17.00	0
		1	25	16.67	16.52	16.72	17.00	0
		1	49	16.60	16.65	16.61	17.00	0
		25	0	15.74	15.52	15.61	16.00	1
		25	12	15.75	15.56	15.71	16.00	1
		25	25	15.68	15.41	15.70	16.00	1
		50	0	15.72	15.53	15.62	16.00	1
10	16-QAM	1	0	15.67	15.55	15.68	16.00	1
		1	25	15.72	15.59	15.58	16.00	1
		1	49	15.75	15.51	15.67	16.00	1
		25	0	14.74	14.49	14.61	15.00	2
		25	12	14.81	14.59	14.57	15.00	2
		25	25	14.69	14.54	14.59	15.00	2
		50	0	14.64	14.55	14.63	15.00	2
10	64-QAM	1	0	14.60	14.51	14.52	15.00	2
		1	25	14.81	14.62	14.66	15.00	2
		1	49	14.71	14.58	14.71	15.00	2
		25	0	13.71	13.59	13.66	14.00	3
		25	12	13.68	13.53	13.61	14.00	3
		25	25	13.64	13.45	13.59	14.00	3
		50	0	13.64	13.47	13.66	14.00	3
10	256-QAM	1	0	13.64	13.48	13.54	14.00	3
		1	25	13.71	13.45	13.68	14.00	3
		1	49	13.61	13.63	13.60	14.00	3
		25	0	12.67	12.63	12.73	13.00	4
		25	12	12.71	12.56	12.58	13.00	4
		25	25	12.73	12.56	12.63	13.00	4
		50	0	12.79	12.48	12.57	13.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	16.68	16.61	16.54	17.00	0
		1	12	16.64	16.53	16.63	17.00	0
		1	24	16.74	16.55	16.59	17.00	0
		12	0	15.57	15.62	15.71	16.00	1
		12	6	15.63	15.64	15.56	16.00	1
		12	13	15.65	15.61	15.60	16.00	1
		25	0	15.82	15.67	15.63	16.00	1
5	16-QAM	1	0	15.83	15.58	15.60	16.00	1
		1	12	15.68	15.53	15.57	16.00	1
		1	24	15.79	15.56	15.75	16.00	1
		12	0	14.76	14.49	14.63	15.00	2
		12	6	14.71	14.49	14.74	15.00	2
		12	13	14.68	14.55	14.62	15.00	2
		25	0	14.76	14.57	14.52	15.00	2
5	64-QAM	1	0	14.78	14.57	14.76	15.00	2
		1	12	14.73	14.62	14.54	15.00	2
		1	24	14.71	14.60	14.71	15.00	2
		12	0	13.75	13.56	13.68	14.00	3
		12	6	13.71	13.68	13.63	14.00	3
		12	13	13.69	13.53	13.61	14.00	3
		25	0	13.67	13.64	13.62	14.00	3
5	256-QAM	1	0	13.60	13.57	13.70	14.00	3
		1	12	13.72	13.60	13.76	14.00	3
		1	24	13.69	13.55	13.50	14.00	3
		12	0	12.66	12.47	12.65	13.00	4
		12	6	12.78	12.56	12.65	13.00	4
		12	13	12.71	12.60	12.59	13.00	4
		25	0	12.66	12.67	12.74	13.00	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	16.70	16.46	16.59	17.00	0
		1	7	16.73	16.61	16.50	17.00	0
		1	14	16.62	16.54	16.63	17.00	0
		8	0	15.68	15.56	15.59	16.00	1
		8	4	15.62	15.58	15.73	16.00	1
		8	7	15.70	15.64	15.51	16.00	1
		15	0	15.76	15.63	15.59	16.00	1
3	16-QAM	1	0	15.66	15.61	15.56	16.00	1
		1	7	15.59	15.55	15.63	16.00	1
		1	14	15.79	15.57	15.74	16.00	1
		8	0	14.74	14.59	14.58	15.00	2
		8	4	14.76	14.42	14.60	15.00	2
		8	7	14.73	14.49	14.71	15.00	2
		15	0	14.68	14.59	14.60	15.00	2
3	64-QAM	1	0	14.62	14.52	14.65	15.00	2
		1	7	14.73	14.50	14.69	15.00	2
		1	14	14.80	14.58	14.72	15.00	2
		8	0	13.74	13.56	13.60	14.00	3
		8	4	13.66	13.55	13.58	14.00	3
		8	7	13.74	13.61	13.68	14.00	3
		15	0	13.65	13.55	13.73	14.00	3
3	256-QAM	1	0	13.67	13.58	13.59	14.00	3
		1	7	13.67	13.68	13.62	14.00	3
		1	14	13.63	13.52	13.60	14.00	3
		8	0	12.76	12.47	12.65	13.00	4
		8	4	12.83	12.62	12.58	13.00	4
		8	7	12.72	12.47	12.63	13.00	4
		15	0	12.62	12.66	12.67	13.00	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	16.54	16.44	16.41	17.00	0
		1	2	16.60	16.25	16.45	17.00	0
		1	5	16.54	16.37	16.44	17.00	0
		3	0	16.57	16.32	16.43	17.00	0
		3	2	16.51	16.30	16.34	17.00	0
		3	3	16.54	16.37	16.52	17.00	0
		6	0	15.58	15.20	15.32	16.00	1
1.4	16-QAM	1	0	15.64	15.28	15.36	16.00	1
		1	2	15.52	15.26	15.36	16.00	1
		1	5	15.52	15.29	15.31	16.00	1
		3	0	15.49	15.35	15.31	16.00	1
		3	2	15.58	15.35	15.42	16.00	1
		3	3	15.57	15.33	15.42	16.00	1
		6	0	14.62	14.21	14.44	15.00	2
1.4	64-QAM	1	0	14.51	14.18	14.47	15.00	2
		1	2	14.48	14.25	14.44	15.00	2
		1	5	14.47	14.30	14.40	15.00	2
		3	0	14.48	14.28	14.48	15.00	2
		3	2	14.55	14.19	14.41	15.00	2
		3	3	14.48	14.32	14.34	15.00	2
		6	0	13.60	13.29	13.47	14.00	3
1.4	256-QAM	1	0	13.46	13.38	13.54	14.00	3
		1	2	13.65	13.41	13.45	14.00	3
		1	5	13.50	13.35	13.37	14.00	3
		3	0	13.56	13.38	13.42	14.00	3
		3	2	13.54	13.31	13.45	14.00	3
		3	3	13.61	13.29	13.40	14.00	3
		6	0	12.55	12.24	12.56	13.00	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	17.02	17.15	17.10	17.50	0
		1	50	16.87	16.93	16.93	17.50	0
		1	99	16.75	17.06	16.88	17.50	0
		50	0	15.83	16.10	15.94	16.50	1
		50	25	15.73	15.99	15.97	16.50	1
		50	50	15.90	15.92	15.92	16.50	1
		100	0	15.79	16.04	15.92	16.50	1
20	16-QAM	1	0	15.75	15.92	16.06	16.50	1
		1	50	15.91	15.94	16.06	16.50	1
		1	99	15.76	15.97	15.86	16.50	1
		50	0	14.97	14.91	14.94	15.50	2
		50	25	14.81	15.02	15.04	15.50	2
		50	50	14.89	14.98	14.93	15.50	2
		100	0	14.81	15.09	14.89	15.50	2
20	64-QAM	1	0	14.79	14.93	14.81	15.50	2
		1	50	14.85	15.00	14.90	15.50	2
		1	99	14.86	14.91	14.98	15.50	2
		50	0	13.89	13.91	13.95	14.50	3
		50	25	13.80	14.09	14.00	14.50	3
		50	50	13.86	13.98	13.81	14.50	3
		100	0	13.81	13.95	13.90	14.50	3
20	256-QAM	1	0	13.88	14.05	13.88	14.50	3
		1	50	13.89	14.06	13.94	14.50	3
		1	99	13.90	14.07	13.98	14.50	3
		50	0	12.87	13.04	12.85	13.50	4
		50	25	13.00	12.94	13.02	13.50	4
		50	50	12.88	13.06	12.85	13.50	4
		100	0	12.82	12.92	12.94	13.50	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	16.92	16.96	17.00	17.50	0
		1	36	16.96	17.04	16.87	17.50	0
		1	74	16.84	17.09	16.96	17.50	0
		36	0	15.76	16.10	15.89	16.50	1
		36	18	15.83	15.96	15.85	16.50	1
		36	37	15.82	15.96	15.93	16.50	1
		75	0	15.87	15.96	15.98	16.50	1
15	16-QAM	1	0	15.88	16.00	15.91	16.50	1
		1	36	15.88	16.03	16.02	16.50	1
		1	74	15.93	16.00	15.86	16.50	1
		36	0	14.91	15.09	14.82	15.50	2
		36	18	14.87	14.98	14.99	15.50	2
		36	37	14.81	14.97	14.83	15.50	2
		75	0	14.80	14.94	15.04	15.50	2
15	64-QAM	1	0	14.81	14.99	14.84	15.50	2
		1	36	14.72	15.05	14.92	15.50	2
		1	74	14.87	15.09	15.05	15.50	2
		36	0	13.86	13.99	14.01	14.50	3
		36	18	13.99	14.01	14.00	14.50	3
		36	37	13.78	14.06	13.94	14.50	3
		75	0	13.73	13.99	13.99	14.50	3
15	256-QAM	1	0	13.88	14.01	13.88	14.50	3
		1	36	13.96	13.93	13.99	14.50	3
		1	74	13.77	13.91	13.90	14.50	3
		36	0	12.79	12.90	12.94	13.50	4
		36	18	12.86	12.96	12.95	13.50	4
		36	37	12.75	12.95	12.99	13.50	4
		75	0	12.84	13.05	12.93	13.50	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	16.89	16.98	16.94	17.50	0
		1	25	16.88	16.99	17.01	17.50	0
		1	49	16.93	16.90	16.88	17.50	0
		25	0	15.86	16.10	15.88	16.50	1
		25	12	15.78	15.95	15.81	16.50	1
		25	25	15.80	15.96	15.85	16.50	1
		50	0	15.81	15.94	15.91	16.50	1
10	16-QAM	1	0	15.87	15.93	15.85	16.50	1
		1	25	15.80	15.94	15.89	16.50	1
		1	49	15.90	15.95	15.91	16.50	1
		25	0	14.95	14.93	14.91	15.50	2
		25	12	14.94	14.99	14.97	15.50	2
		25	25	14.86	15.01	14.93	15.50	2
		50	0	14.79	15.05	14.87	15.50	2
10	64-QAM	1	0	14.93	15.10	14.91	15.50	2
		1	25	14.77	14.97	14.97	15.50	2
		1	49	14.83	15.01	15.03	15.50	2
		25	0	13.85	13.98	14.01	14.50	3
		25	12	13.80	14.02	14.01	14.50	3
		25	25	13.92	13.98	13.96	14.50	3
		50	0	13.87	13.88	13.81	14.50	3
10	256-QAM	1	0	13.96	13.98	13.87	14.50	3
		1	25	13.87	13.93	13.82	14.50	3
		1	49	13.88	13.93	13.88	14.50	3
		25	0	12.89	12.93	12.88	13.50	4
		25	12	12.93	12.98	12.89	13.50	4
		25	25	12.97	13.04	12.96	13.50	4
		50	0	12.83	13.00	12.85	13.50	4

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Frequency (MHz)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	16.90	16.93	16.95	17.50	0
		1	12	16.78	16.96	17.03	17.50	0
		1	24	16.74	16.96	17.02	17.50	0
		12	0	15.89	16.11	15.87	16.50	1
		12	6	15.97	16.05	15.93	16.50	1
		12	13	15.82	15.89	15.85	16.50	1
		25	0	15.86	16.04	15.96	16.50	1
5	16-QAM	1	0	15.76	16.11	15.97	16.50	1
		1	12	15.78	15.93	16.05	16.50	1
		1	24	15.81	15.93	15.87	16.50	1
		12	0	14.87	14.93	14.93	15.50	2
		12	6	14.82	15.02	14.95	15.50	2
		12	13	14.79	15.02	14.89	15.50	2
		25	0	14.86	14.96	14.91	15.50	2
5	64-QAM	1	0	14.81	15.13	14.90	15.50	2
		1	12	14.95	15.08	14.91	15.50	2
		1	24	14.86	15.04	14.98	15.50	2
		12	0	13.82	14.03	13.86	14.50	3
		12	6	13.85	14.01	13.92	14.50	3
		12	13	14.00	14.04	13.94	14.50	3
		25	0	13.98	13.90	13.95	14.50	3
5	256-QAM	1	0	13.84	14.07	14.07	14.50	3
		1	12	13.91	14.09	13.82	14.50	3
		1	24	13.96	14.05	14.05	14.50	3
		12	0	12.97	13.02	12.84	13.50	4
		12	6	12.86	12.95	13.00	13.50	4
		12	13	12.78	12.97	13.01	13.50	4
		25	0	12.82	13.04	13.00	13.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	17.86	18.18	18.28	18.50	0
		1	50	17.69	17.99	18.08	18.50	0
		1	99	17.72	17.93	18.12	18.50	0
		50	0	16.70	17.02	17.16	17.50	1
		50	25	16.72	16.99	17.08	17.50	1
		50	50	16.60	17.01	17.06	17.50	1
		100	0	16.70	17.00	17.14	17.50	1
20	16-QAM	1	0	16.65	17.02	17.06	17.50	1
		1	50	16.64	17.04	17.23	17.50	1
		1	99	16.68	16.96	17.17	17.50	1
		50	0	15.74	16.00	16.15	16.50	2
		50	25	15.64	16.09	16.10	16.50	2
		50	50	15.59	16.12	16.07	16.50	2
		100	0	15.63	16.01	16.10	16.50	2
20	64-QAM	1	0	15.76	16.08	16.18	16.50	2
		1	50	15.59	15.98	16.11	16.50	2
		1	99	15.73	15.96	16.12	16.50	2
		50	0	14.59	15.06	15.00	15.50	3
		50	25	14.75	14.94	15.14	15.50	3
		50	50	14.80	15.07	15.11	15.50	3
		100	0	14.69	15.09	15.15	15.50	3
20	256-QAM	1	0	14.62	15.06	15.12	15.50	3
		1	50	14.72	14.93	15.07	15.50	3
		1	99	14.75	15.03	15.14	15.50	3
		50	0	13.64	14.02	14.15	14.50	4
		50	25	13.79	14.03	14.18	14.50	4
		50	50	13.66	14.05	14.14	14.50	4
		100	0	13.73	13.95	14.09	14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	17.81	18.01	18.01	18.50	0
		1	36	17.79	18.05	18.08	18.50	0
		1	74	17.73	18.05	18.02	18.50	0
		36	0	16.66	17.03	17.16	17.50	1
		36	18	16.76	16.93	17.21	17.50	1
		36	37	16.70	17.03	16.99	17.50	1
		75	0	16.61	16.96	17.22	17.50	1
15	16-QAM	1	0	16.70	17.01	17.02	17.50	1
		1	36	16.64	17.05	17.13	17.50	1
		1	74	16.72	17.08	17.14	17.50	1
		36	0	15.72	16.05	16.07	16.50	2
		36	18	15.67	16.04	16.18	16.50	2
		36	37	15.63	15.98	16.01	16.50	2
		75	0	15.70	16.10	16.11	16.50	2
15	64-QAM	1	0	15.66	16.14	16.07	16.50	2
		1	36	15.62	15.97	16.23	16.50	2
		1	74	15.78	16.04	16.15	16.50	2
		36	0	14.79	14.95	15.07	15.50	3
		36	18	14.83	15.09	15.14	15.50	3
		36	37	14.70	14.92	15.08	15.50	3
		75	0	14.67	15.02	15.13	15.50	3
15	256-QAM	1	0	14.77	14.99	15.14	15.50	3
		1	36	14.66	15.06	15.01	15.50	3
		1	74	14.71	14.98	15.20	15.50	3
		36	0	13.63	14.08	14.17	14.50	4
		36	18	13.59	14.09	14.12	14.50	4
		36	37	13.77	13.99	14.16	14.50	4
		75	0	13.69	14.08	14.09	14.50	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	17.62	18.00	18.06	18.50	0
		1	25	17.71	18.01	18.02	18.50	0
		1	49	17.69	18.11	18.19	18.50	0
		25	0	16.73	16.96	17.14	17.50	1
		25	12	16.69	17.12	17.12	17.50	1
		25	25	16.68	16.98	17.10	17.50	1
		50	0	16.68	16.96	17.22	17.50	1
10	16-QAM	1	0	16.73	17.08	17.10	17.50	1
		1	25	16.68	16.96	17.13	17.50	1
		1	49	16.67	16.98	17.15	17.50	1
		25	0	15.72	16.12	16.14	16.50	2
		25	12	15.79	16.13	16.20	16.50	2
		25	25	15.57	15.98	16.07	16.50	2
		50	0	15.67	16.07	16.13	16.50	2
10	64-QAM	1	0	15.59	16.04	16.22	16.50	2
		1	25	15.69	16.08	16.11	16.50	2
		1	49	15.66	16.09	16.05	16.50	2
		25	0	14.67	15.05	15.04	15.50	3
		25	12	14.59	15.11	15.12	15.50	3
		25	25	14.68	14.91	15.09	15.50	3
		50	0	14.63	15.02	15.17	15.50	3
10	256-QAM	1	0	14.66	15.15	15.08	15.50	3
		1	25	14.70	15.02	15.10	15.50	3
		1	49	14.69	15.07	15.24	15.50	3
		25	0	13.75	13.96	14.14	14.50	4
		25	12	13.77	13.93	14.07	14.50	4
		25	25	13.78	14.02	14.20	14.50	4
		50	0	13.71	13.92	14.22	14.50	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	17.71	18.05	18.06	18.50	0
		1	12	17.59	17.98	18.14	18.50	0
		1	24	17.72	18.03	18.08	18.50	0
		12	0	16.70	16.92	17.22	17.50	1
		12	6	16.77	17.05	17.12	17.50	1
		12	13	16.78	17.02	17.20	17.50	1
		25	0	16.72	17.13	17.18	17.50	1
5	16-QAM	1	0	16.67	17.01	17.21	17.50	1
		1	12	16.72	17.07	17.17	17.50	1
		1	24	16.76	17.04	17.09	17.50	1
		12	0	15.78	16.13	16.00	16.50	2
		12	6	15.64	16.00	16.19	16.50	2
		12	13	15.72	16.11	16.24	16.50	2
		25	0	15.66	16.04	16.18	16.50	2
5	64-QAM	1	0	15.71	15.99	16.09	16.50	2
		1	12	15.78	16.05	16.22	16.50	2
		1	24	15.71	16.05	16.07	16.50	2
		12	0	14.71	15.07	15.11	15.50	3
		12	6	14.75	15.01	15.20	15.50	3
		12	13	14.66	15.05	15.12	15.50	3
		25	0	14.76	14.93	15.14	15.50	3
5	256-QAM	1	0	14.77	14.97	15.05	15.50	3
		1	12	14.62	14.89	15.12	15.50	3
		1	24	14.64	15.01	15.01	15.50	3
		12	0	13.68	13.99	14.04	14.50	4
		12	6	13.70	14.05	14.16	14.50	4
		12	13	13.64	13.92	14.11	14.50	4
		25	0	13.71	14.01	14.04	14.50	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	17.63	18.14	18.11	18.50	0
		1	7	17.71	18.05	18.12	18.50	0
		1	14	17.79	18.07	18.14	18.50	0
		8	0	16.69	17.04	17.12	17.50	1
		8	4	16.62	16.92	17.06	17.50	1
		8	7	16.73	17.06	17.16	17.50	1
		15	0	16.62	16.93	17.15	17.50	1
3	16-QAM	1	0	16.72	17.08	17.18	17.50	1
		1	7	16.75	17.03	17.13	17.50	1
		1	14	16.75	17.01	17.09	17.50	1
		8	0	15.70	16.00	16.03	16.50	2
		8	4	15.79	16.09	16.02	16.50	2
		8	7	15.71	16.01	16.01	16.50	2
		15	0	15.83	16.06	16.10	16.50	2
3	64-QAM	1	0	15.76	16.06	16.18	16.50	2
		1	7	15.74	16.04	16.19	16.50	2
		1	14	15.78	16.05	16.02	16.50	2
		8	0	14.78	15.04	15.02	15.50	3
		8	4	14.73	15.12	15.12	15.50	3
		8	7	14.74	15.09	15.18	15.50	3
		15	0	14.61	14.92	15.00	15.50	3
3	256-QAM	1	0	14.67	15.14	15.11	15.50	3
		1	7	14.78	14.91	15.20	15.50	3
		1	14	14.77	14.99	15.17	15.50	3
		8	0	13.57	13.91	14.13	14.50	4
		8	4	13.66	13.99	14.14	14.50	4
		8	7	13.71	14.08	14.14	14.50	4
		15	0	13.81	14.00	14.03	14.50	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	17.36	18.04	17.98	18.50	0
		1	2	17.46	17.95	18.05	18.50	0
		1	5	17.61	18.00	18.03	18.50	0
		3	0	17.44	17.91	17.98	18.50	0
		3	2	17.51	18.00	17.96	18.50	0
		3	3	17.53	17.99	17.94	18.50	0
		6	0	16.57	16.94	17.03	17.50	1
1.4	16-QAM	1	0	16.47	17.02	16.96	17.50	1
		1	2	16.51	16.88	16.89	17.50	1
		1	5	16.39	17.06	16.99	17.50	1
		3	0	16.43	17.02	16.87	17.50	1
		3	2	16.42	17.01	16.90	17.50	1
		3	3	16.56	16.98	16.91	17.50	1
		6	0	15.56	15.96	16.01	16.50	2
1.4	64-QAM	1	0	15.46	15.88	15.94	16.50	2
		1	2	15.46	15.90	15.98	16.50	2
		1	5	15.56	15.94	15.95	16.50	2
		3	0	15.52	15.98	15.99	16.50	2
		3	2	15.47	15.92	16.00	16.50	2
		3	3	15.46	15.98	15.93	16.50	2
		6	0	14.52	15.07	14.95	15.50	3
1.4	256-QAM	1	0	14.55	14.98	15.02	15.50	3
		1	2	14.36	14.90	14.90	15.50	3
		1	5	14.49	14.86	14.88	15.50	3
		3	0	14.57	14.99	14.97	15.50	3
		3	2	14.43	15.01	14.99	15.50	3
		3	3	14.49	15.08	14.82	15.50	3
		6	0	13.45	14.01	13.97	14.50	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		17.68		18.00	0
		1	25		17.52		18.00	0
		1	49		17.41		18.00	0
		25	0		16.57		17.00	1
		25	12		16.48		17.00	1
		25	25		16.52		17.00	1
		50	0		16.54		17.00	1
10	16-QAM	1	0		16.50		17.00	1
		1	25		16.51		17.00	1
		1	49		16.47		17.00	1
		25	0		15.59		16.00	2
		25	12		15.52		16.00	2
		25	25		15.52		16.00	2
		50	0		15.55		16.00	2
10	64-QAM	1	0		15.47		16.00	2
		1	25		15.54		16.00	2
		1	49		15.64		16.00	2
		25	0		14.55		15.00	3
		25	12		14.53		15.00	3
		25	25		14.63		15.00	3
		50	0		14.62		15.00	3
10	256-QAM	1	0		14.48		15.00	3
		1	25		14.41		15.00	3
		1	49		14.59		15.00	3
		25	0		13.57		14.00	4
		25	12		13.53		14.00	4
		25	25		13.45		14.00	4
		50	0		13.42		14.00	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	17.51	17.54	17.49	18.00	0
		1	12	17.32	17.36	17.39	18.00	0
		1	24	17.45	17.31	17.34	18.00	0
		12	0	16.35	16.37	16.20	17.00	1
		12	6	16.44	16.35	16.26	17.00	1
		12	13	16.44	16.45	16.39	17.00	1
		25	0	16.33	16.46	16.40	17.00	1
5	16-QAM	1	0	16.35	16.33	16.41	17.00	1
		1	12	16.39	16.30	16.32	17.00	1
		1	24	16.24	16.48	16.30	17.00	1
		12	0	15.37	15.42	15.41	16.00	2
		12	6	15.31	15.49	15.32	16.00	2
		12	13	15.39	15.35	15.30	16.00	2
		25	0	15.47	15.46	15.41	16.00	2
5	64-QAM	1	0	15.33	15.31	15.46	16.00	2
		1	12	15.31	15.39	15.39	16.00	2
		1	24	15.33	15.44	15.20	16.00	2
		12	0	14.32	14.30	14.26	15.00	3
		12	6	14.30	14.38	14.31	15.00	3
		12	13	14.48	14.47	14.31	15.00	3
		25	0	14.21	14.42	14.30	15.00	3
5	256-QAM	1	0	14.28	14.46	14.34	15.00	3
		1	12	14.36	14.40	14.37	15.00	3
		1	24	14.36	14.37	14.23	15.00	3
		12	0	13.29	13.42	13.29	14.00	4
		12	6	13.35	13.42	13.33	14.00	4
		12	13	13.37	13.35	13.36	14.00	4
		25	0	13.22	13.43	13.22	14.00	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	16.95	16.92	16.98	17.00	0
		1	50	16.82	16.76	16.91	17.00	0
		1	99	16.90	16.81	16.89	17.00	0
		50	0	15.71	15.88	15.86	16.00	1
		50	25	15.73	15.83	15.82	16.00	1
		50	50	15.79	15.76	15.83	16.00	1
		100	0	15.75	15.77	15.78	16.00	1
20	16-QAM	1	0	15.77	15.69	15.87	16.00	1
		1	50	15.78	15.86	15.76	16.00	1
		1	99	15.88	15.85	15.90	16.00	1
		50	0	14.76	14.72	14.85	15.00	2
		50	25	14.73	14.81	14.84	15.00	2
		50	50	14.78	14.81	14.85	15.00	2
		100	0	14.67	14.83	14.76	15.00	2
20	64-QAM	1	0	14.71	14.75	14.89	15.00	2
		1	50	14.87	14.84	14.90	15.00	2
		1	99	14.76	14.71	14.77	15.00	2
		50	0	13.78	13.65	13.79	14.00	3
		50	25	13.83	13.65	13.85	14.00	3
		50	50	13.82	13.86	13.71	14.00	3
		100	0	13.75	13.77	13.86	14.00	3
20	256-QAM	1	0	13.76	13.70	13.89	14.00	3
		1	50	13.79	13.78	13.78	14.00	3
		1	99	13.78	13.75	13.70	14.00	3
		50	0	12.77	12.71	12.94	13.00	4
		50	25	12.76	12.79	12.89	13.00	4
		50	50	12.90	12.78	12.82	13.00	4
		100	0	12.72	12.79	12.84	13.00	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	16.88	16.86	16.93	17.00	0
		1	36	16.82	16.83	16.89	17.00	0
		1	74	16.75	16.82	16.84	17.00	0
		36	0	15.80	15.87	15.80	16.00	1
		36	18	15.82	15.74	15.81	16.00	1
		36	37	15.67	15.78	15.71	16.00	1
		75	0	15.87	15.85	15.92	16.00	1
15	16-QAM	1	0	15.86	15.75	15.87	16.00	1
		1	36	15.73	15.77	15.91	16.00	1
		1	74	15.72	15.73	15.93	16.00	1
		36	0	14.76	14.74	14.83	15.00	2
		36	18	14.81	14.70	14.82	15.00	2
		36	37	14.89	14.83	14.79	15.00	2
		75	0	14.75	14.68	14.72	15.00	2
15	64-QAM	1	0	14.92	14.79	14.70	15.00	2
		1	36	14.85	14.71	14.86	15.00	2
		1	74	14.78	14.68	14.71	15.00	2
		36	0	13.91	13.68	13.70	14.00	3
		36	18	13.74	13.67	13.82	14.00	3
		36	37	13.76	13.72	13.73	14.00	3
		75	0	13.83	13.75	13.76	14.00	3
15	256-QAM	1	0	13.77	13.71	13.80	14.00	3
		1	36	13.76	13.80	13.80	14.00	3
		1	74	13.81	13.74	13.88	14.00	3
		36	0	12.78	12.73	12.75	13.00	4
		36	18	12.83	12.82	12.77	13.00	4
		36	37	12.82	12.66	12.79	13.00	4
		75	0	12.68	12.77	12.93	13.00	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	16.78	16.68	16.71	17.00	0
		1	25	16.74	16.76	16.87	17.00	0
		1	49	16.71	16.78	16.74	17.00	0
		25	0	15.87	15.70	15.90	16.00	1
		25	12	15.71	15.78	15.84	16.00	1
		25	25	15.79	15.78	15.75	16.00	1
		50	0	15.86	15.75	15.79	16.00	1
10	16-QAM	1	0	15.77	15.75	15.83	16.00	1
		1	25	15.74	15.77	15.85	16.00	1
		1	49	15.83	15.86	15.78	16.00	1
		25	0	14.74	14.71	14.78	15.00	2
		25	12	14.79	14.76	14.79	15.00	2
		25	25	14.88	14.87	14.90	15.00	2
		50	0	14.77	14.68	14.83	15.00	2
10	64-QAM	1	0	14.74	14.86	14.80	15.00	2
		1	25	14.92	14.82	14.83	15.00	2
		1	49	14.82	14.70	14.76	15.00	2
		25	0	13.84	13.80	13.81	14.00	3
		25	12	13.79	13.76	13.78	14.00	3
		25	25	13.86	13.76	13.88	14.00	3
		50	0	13.81	13.86	13.82	14.00	3
10	256-QAM	1	0	13.79	13.83	13.84	14.00	3
		1	25	13.81	13.74	13.82	14.00	3
		1	49	13.80	13.72	13.92	14.00	3
		25	0	12.83	12.76	12.92	13.00	4
		25	12	12.79	12.73	12.77	13.00	4
		25	25	12.72	12.78	12.76	13.00	4
		50	0	12.72	12.76	12.84	13.00	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	16.85	16.74	16.74	17.00	0
		1	12	16.74	16.78	16.84	17.00	0
		1	24	16.73	16.78	16.75	17.00	0
		12	0	15.75	15.87	15.87	16.00	1
		12	6	15.83	15.70	15.79	16.00	1
		12	13	15.72	15.85	15.81	16.00	1
		25	0	15.81	15.65	15.83	16.00	1
5	16-QAM	1	0	15.86	15.73	15.93	16.00	1
		1	12	15.88	15.83	15.81	16.00	1
		1	24	15.75	15.81	15.84	16.00	1
		12	0	14.80	14.79	14.93	15.00	2
		12	6	14.70	14.75	14.77	15.00	2
		12	13	14.91	14.79	14.77	15.00	2
		25	0	14.89	14.78	14.87	15.00	2
5	64-QAM	1	0	14.81	14.81	14.74	15.00	2
		1	12	14.87	14.63	14.78	15.00	2
		1	24	14.81	14.67	14.73	15.00	2
		12	0	13.77	13.75	13.81	14.00	3
		12	6	13.69	13.70	13.86	14.00	3
		12	13	13.76	13.73	13.75	14.00	3
		25	0	13.77	13.70	13.88	14.00	3
5	256-QAM	1	0	13.73	13.76	13.77	14.00	3
		1	12	13.77	13.71	13.79	14.00	3
		1	24	13.75	13.75	13.84	14.00	3
		12	0	12.78	12.72	12.88	13.00	4
		12	6	12.70	12.75	12.80	13.00	4
		12	13	12.89	12.73	12.82	13.00	4
		25	0	12.75	12.85	12.77	13.00	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	16.86	16.67	16.96	17.00	0
		1	7	16.82	16.82	16.80	17.00	0
		1	14	16.85	16.76	16.79	17.00	0
		8	0	15.77	15.85	15.77	16.00	1
		8	4	15.74	15.81	15.92	16.00	1
		8	7	15.81	15.86	15.86	16.00	1
		15	0	15.76	15.86	15.76	16.00	1
3	16-QAM	1	0	15.77	15.78	15.89	16.00	1
		1	7	15.81	15.69	15.87	16.00	1
		1	14	15.72	15.79	15.79	16.00	1
		8	0	14.71	14.82	14.83	15.00	2
		8	4	14.73	14.65	14.80	15.00	2
		8	7	14.83	14.73	14.81	15.00	2
		15	0	14.74	14.79	14.70	15.00	2
3	64-QAM	1	0	14.78	14.73	14.72	15.00	2
		1	7	14.81	14.71	14.88	15.00	2
		1	14	14.67	14.74	14.74	15.00	2
		8	0	13.69	13.64	13.93	14.00	3
		8	4	13.80	13.85	13.76	14.00	3
		8	7	13.83	13.75	13.94	14.00	3
		15	0	13.75	13.67	13.96	14.00	3
3	256-QAM	1	0	13.82	13.75	13.77	14.00	3
		1	7	13.72	13.77	13.82	14.00	3
		1	14	13.78	13.73	13.85	14.00	3
		8	0	12.91	12.80	12.79	13.00	4
		8	4	12.67	12.72	12.73	13.00	4
		8	7	12.79	12.68	12.77	13.00	4
		15	0	12.69	12.77	12.90	13.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1745	1779.3		
Channel				131979	132322	132665		
1.4	QPSK	1	0	16.71	16.57	16.85	17.00	0
		1	2	16.76	16.59	16.69	17.00	0
		1	5	16.67	16.43	16.78	17.00	0
		3	0	16.58	16.46	16.79	17.00	0
		3	2	16.77	16.45	16.88	17.00	0
		3	3	16.78	16.54	16.87	17.00	0
		6	0	15.82	15.56	15.79	16.00	1
1.4	16-QAM	1	0	15.77	15.50	15.90	16.00	1
		1	2	15.72	15.52	15.85	16.00	1
		1	5	15.67	15.46	15.78	16.00	1
		3	0	15.68	15.44	15.74	16.00	1
		3	2	15.62	15.41	15.77	16.00	1
		3	3	15.73	15.65	15.77	16.00	1
		6	0	14.57	14.50	14.80	15.00	2
1.4	64-QAM	1	0	14.69	14.51	14.75	15.00	2
		1	2	14.74	14.59	14.85	15.00	2
		1	5	14.60	14.58	14.87	15.00	2
		3	0	14.66	14.64	14.69	15.00	2
		3	2	14.59	14.59	14.89	15.00	2
		3	3	14.74	14.59	14.76	15.00	2
		6	0	13.64	13.47	13.78	14.00	3
1.4	256-QAM	1	0	13.72	13.59	13.72	14.00	3
		1	2	13.68	13.54	13.78	14.00	3
		1	5	13.67	13.37	13.79	14.00	3
		3	0	13.66	13.42	13.70	14.00	3
		3	2	13.70	13.51	13.82	14.00	3
		3	3	13.66	13.52	13.82	14.00	3
		6	0	12.72	12.52	12.74	13.00	4

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Notebook mode

Ant5

LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	22.39	22.33	22.45	22.33	22.40	24.00	0
		1	50	22.26	22.24	22.30	22.23	22.32	24.00	0
		1	99	22.30	22.18	22.26	22.18	22.26	24.00	0
		50	0	21.28	21.13	21.15	21.11	21.10	23.00	1
		50	25	21.33	21.12	21.38	21.12	21.38	23.00	1
		50	50	21.26	21.16	21.39	21.16	21.39	23.00	1
20	16-QAM	100	0	21.28	21.26	21.35	21.26	21.35	23.00	1
		1	0	21.17	21.10	21.21	21.10	21.21	23.00	1
		1	50	21.18	21.17	21.24	21.17	21.24	23.00	1
		1	99	21.14	21.23	21.32	21.23	21.32	23.00	1
		50	0	20.10	20.13	20.23	20.13	20.23	22.00	2
		50	25	20.18	20.16	20.38	20.16	20.38	22.00	2
20	64-QAM	50	50	20.33	20.23	20.35	20.23	20.35	22.00	2
		100	0	20.17	20.23	20.34	20.23	20.34	22.00	2
		1	0	20.13	20.27	20.30	20.27	20.30	22.00	2
		1	50	20.22	20.11	20.29	20.11	20.29	22.00	2
		1	99	20.22	20.07	20.36	20.07	20.36	22.00	2
		50	0	19.23	19.08	19.32	19.08	19.32	21.00	3
20	256-QAM	50	25	19.13	19.25	19.32	19.25	19.32	21.00	3
		50	50	19.23	19.13	19.24	19.13	19.24	21.00	3
		100	0	19.27	19.18	19.21	19.18	19.21	21.00	3
		1	0	19.28	19.06	19.19	19.06	19.19	21.00	3
		1	50	19.20	19.16	19.35	19.16	19.35	21.00	3
		1	99	19.23	19.17	19.21	19.17	19.21	21.00	3
20	256-QAM	50	0	18.26	18.30	18.41	18.30	18.41	20.00	4
		50	25	18.12	18.09	18.25	18.09	18.25	20.00	4
		50	50	18.25	18.18	18.34	18.18	18.34	20.00	4
		100	0	18.26	18.17	18.18	18.17	18.18	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	22.11	22.17	22.35	22.17	22.35	24.00	0
		1	36	22.15	22.11	22.25	22.11	22.25	24.00	0
		1	74	22.30	22.17	22.30	22.17	22.30	24.00	0
		36	0	21.24	21.23	21.31	21.23	21.31	23.00	1
		36	18	21.20	21.17	21.31	21.17	21.31	23.00	1
		36	37	21.16	21.13	21.31	21.13	21.31	23.00	1
		75	0	21.29	21.18	21.33	21.18	21.33	23.00	1
15	16-QAM	1	0	21.24	21.06	21.18	21.06	21.18	23.00	1
		1	36	21.23	21.15	21.37	21.15	21.37	23.00	1
		1	74	21.09	21.25	21.23	21.25	21.23	23.00	1
		36	0	20.28	20.15	20.25	20.15	20.25	22.00	2
		36	18	20.20	20.05	20.30	20.05	20.30	22.00	2
		36	37	20.27	20.20	20.23	20.20	20.23	22.00	2
		75	0	20.09	20.08	20.26	20.08	20.26	22.00	2
15	64-QAM	1	0	20.17	20.06	20.31	20.06	20.31	22.00	2
		1	36	20.15	20.15	20.28	20.15	20.28	22.00	2
		1	74	20.25	20.15	20.21	20.15	20.21	22.00	2
		36	0	19.23	19.14	19.33	19.14	19.33	21.00	3
		36	18	19.18	19.24	19.26	19.24	19.26	21.00	3
		36	37	19.17	19.13	19.23	19.13	19.23	21.00	3
		75	0	19.20	19.21	19.32	19.21	19.32	21.00	3
15	256-QAM	1	0	19.13	19.12	19.29	19.12	19.29	21.00	3
		1	36	19.20	19.19	19.32	19.19	19.32	21.00	3
		1	74	19.11	19.17	19.36	19.17	19.36	21.00	3
		36	0	18.12	18.08	18.33	18.08	18.33	20.00	4
		36	18	18.17	18.17	18.33	18.17	18.33	20.00	4
		36	37	18.23	18.12	18.41	18.12	18.41	20.00	4
		75	0	18.23	18.14	18.29	18.14	18.29	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	22.21	22.16	22.35	22.16	22.35	24.00	0
		1	25	22.31	22.14	22.28	22.14	22.28	24.00	0
		1	49	22.17	22.11	22.28	22.11	22.28	24.00	0
		25	0	21.18	21.24	21.32	21.24	21.32	23.00	1
		25	12	21.22	21.19	21.24	21.19	21.24	23.00	1
		25	25	21.26	21.27	21.39	21.27	21.39	23.00	1
		50	0	21.26	21.12	21.23	21.12	21.23	23.00	1
10	16-QAM	1	0	21.34	21.15	21.34	21.15	21.34	23.00	1
		1	25	21.20	21.25	21.23	21.25	21.23	23.00	1
		1	49	21.28	21.20	21.19	21.20	21.19	23.00	1
		25	0	20.19	20.26	20.30	20.26	20.30	22.00	2
		25	12	20.21	20.18	20.29	20.18	20.29	22.00	2
		25	25	20.27	20.17	20.25	20.17	20.25	22.00	2
		50	0	20.14	20.09	20.30	20.09	20.30	22.00	2
10	64-QAM	1	0	20.36	20.11	20.36	20.11	20.36	22.00	2
		1	25	20.18	20.19	20.38	20.19	20.38	22.00	2
		1	49	20.23	20.09	20.22	20.09	20.22	22.00	2
		25	0	19.23	19.14	19.25	19.14	19.25	21.00	3
		25	12	19.20	19.23	19.21	19.23	19.21	21.00	3
		25	25	19.23	19.15	19.21	19.15	19.21	21.00	3
		50	0	19.17	19.16	19.36	19.16	19.36	21.00	3
10	256-QAM	1	0	19.12	19.15	19.35	19.15	19.35	21.00	3
		1	25	19.20	19.16	19.26	19.16	19.26	21.00	3
		1	49	19.22	19.19	19.17	19.19	19.17	21.00	3
		25	0	18.18	18.06	18.18	18.06	18.18	20.00	4
		25	12	18.22	18.27	18.43	18.27	18.43	20.00	4
		25	25	18.16	18.21	18.22	18.21	18.22	20.00	4
		50	0	18.33	18.16	18.24	18.16	18.24	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	22.19	22.14	22.33	22.14	22.33	24.00	0
		1	12	22.22	22.17	22.25	22.17	22.25	24.00	0
		1	24	22.19	22.17	22.30	22.17	22.30	24.00	0
		12	0	21.15	21.26	21.32	21.26	21.32	23.00	1
		12	6	21.22	21.19	21.31	21.19	21.31	23.00	1
		12	13	21.22	21.17	21.16	21.17	21.16	23.00	1
		25	0	21.16	21.19	21.33	21.19	21.33	23.00	1
5	16-QAM	1	0	21.21	21.18	21.36	21.18	21.36	23.00	1
		1	12	21.28	21.08	21.27	21.08	21.27	23.00	1
		1	24	21.23	21.14	21.30	21.14	21.30	23.00	1
		12	0	20.32	20.14	20.29	20.14	20.29	22.00	2
		12	6	20.25	20.10	20.17	20.10	20.17	22.00	2
		12	13	20.30	20.26	20.24	20.26	20.24	22.00	2
		25	0	20.21	20.21	20.34	20.21	20.34	22.00	2
5	64-QAM	1	0	20.24	20.26	20.33	20.26	20.33	22.00	2
		1	12	20.14	20.10	20.38	20.10	20.38	22.00	2
		1	24	20.24	20.22	20.23	20.22	20.23	22.00	2
		12	0	19.27	19.15	19.27	19.15	19.27	21.00	3
		12	6	19.31	19.18	19.31	19.18	19.31	21.00	3
		12	13	19.26	19.07	19.29	19.07	19.29	21.00	3
		25	0	19.32	19.09	19.27	19.09	19.27	21.00	3
5	256-QAM	1	0	19.15	19.10	19.20	19.10	19.20	21.00	3
		1	12	19.30	19.13	19.29	19.13	19.29	21.00	3
		1	24	19.12	19.12	19.29	19.12	19.29	21.00	3
		12	0	18.21	18.04	18.43	18.04	18.43	20.00	4
		12	6	18.21	18.30	18.21	18.30	18.21	20.00	4
		12	13	18.31	18.18	18.33	18.18	18.33	20.00	4
		25	0	18.27	18.26	18.28	18.26	18.28	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	21.03	21.11	21.17	21.40	0
		1	50	20.87	20.93	20.99	21.40	0
		1	99	20.84	20.92	21.01	21.40	0
		50	0	19.88	19.98	19.89	20.40	1
		50	25	19.74	19.88	20.13	20.40	1
		50	50	19.91	19.91	20.00	20.40	1
		100	0	19.88	19.87	20.03	20.40	1
20	16-QAM	1	0	19.94	19.93	20.04	20.40	1
		1	50	19.85	20.05	19.97	20.40	1
		1	99	19.86	19.87	20.01	20.40	1
		50	0	19.00	18.90	18.97	19.40	2
		50	25	18.97	18.92	18.99	19.40	2
		50	50	18.91	19.03	18.99	19.40	2
		100	0	18.86	19.02	19.08	19.40	2
20	64-QAM	1	0	18.86	18.94	19.10	19.40	2
		1	50	18.83	18.82	19.07	19.40	2
		1	99	18.87	18.88	19.14	19.40	2
		50	0	17.86	17.90	18.11	18.40	3
		50	25	17.81	17.99	18.05	18.40	3
		50	50	17.81	17.97	18.04	18.40	3
		100	0	17.82	17.99	17.92	18.40	3
20	256-QAM	1	0	17.79	17.95	18.08	18.40	3
		1	50	17.85	17.96	18.02	18.40	3
		1	99	17.89	17.93	17.88	18.40	3
		50	0	16.83	16.99	16.93	17.40	4
		50	25	16.89	16.94	16.99	17.40	4
		50	50	16.97	16.95	17.03	17.40	4
		100	0	16.80	16.97	17.04	17.40	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500	3542.5		
Channel				42165	42590	43015		
15	QPSK	1	0	20.91	20.82	20.94	21.40	0
		1	36	20.74	20.82	20.87	21.40	0
		1	74	20.91	21.05	21.11	21.40	0
		36	0	19.89	19.91	20.09	20.40	1
		36	18	19.98	19.86	20.03	20.40	1
		36	37	19.82	19.99	19.97	20.40	1
		75	0	19.86	19.97	19.89	20.40	1
15	16-QAM	1	0	19.85	19.97	19.98	20.40	1
		1	36	19.86	19.81	20.14	20.40	1
		1	74	19.89	20.01	19.96	20.40	1
		36	0	18.89	19.02	18.95	19.40	2
		36	18	18.83	18.83	19.07	19.40	2
		36	37	18.86	18.95	19.09	19.40	2
		75	0	18.76	18.92	19.12	19.40	2
15	64-QAM	1	0	18.91	18.86	19.06	19.40	2
		1	36	18.83	18.99	19.00	19.40	2
		1	74	18.83	19.07	18.91	19.40	2
		36	0	17.97	17.95	18.15	18.40	3
		36	18	17.97	17.89	17.98	18.40	3
		36	37	17.83	17.93	17.92	18.40	3
		75	0	17.90	18.04	18.00	18.40	3
15	256-QAM	1	0	17.92	17.97	17.96	18.40	3
		1	36	17.85	18.03	18.00	18.40	3
		1	74	17.88	17.86	18.04	18.40	3
		36	0	16.79	16.93	17.09	17.40	4
		36	18	16.97	16.83	16.91	17.40	4
		36	37	16.91	17.00	16.94	17.40	4
		75	0	16.83	16.89	16.89	17.40	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	20.83	20.84	21.01	21.40	0
		1	25	20.82	20.99	20.97	21.40	0
		1	49	20.83	20.94	21.08	21.40	0
		25	0	19.87	19.88	20.00	20.40	1
		25	12	19.95	20.03	20.14	20.40	1
		25	25	19.77	19.85	20.00	20.40	1
		50	0	19.95	19.93	20.00	20.40	1
10	16-QAM	1	0	19.88	20.01	20.06	20.40	1
		1	25	19.78	19.99	19.93	20.40	1
		1	49	19.88	20.01	20.04	20.40	1
		25	0	18.95	18.91	19.01	19.40	2
		25	12	18.93	18.87	19.01	19.40	2
		25	25	18.88	18.94	19.03	19.40	2
		50	0	18.88	18.98	19.00	19.40	2
10	64-QAM	1	0	18.93	18.96	19.11	19.40	2
		1	25	18.88	19.01	18.98	19.40	2
		1	49	18.80	18.92	19.07	19.40	2
		25	0	17.89	17.93	18.04	18.40	3
		25	12	17.96	17.99	17.99	18.40	3
		25	25	17.87	17.96	17.99	18.40	3
		50	0	17.87	17.95	17.96	18.40	3
10	256-QAM	1	0	18.00	17.90	18.09	18.40	3
		1	25	17.90	17.95	17.98	18.40	3
		1	49	17.80	17.90	18.02	18.40	3
		25	0	16.97	16.97	16.94	17.40	4
		25	12	16.90	16.99	16.97	17.40	4
		25	25	16.88	16.86	16.93	17.40	4
		50	0	16.86	16.92	17.01	17.40	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	20.82	20.99	21.02	21.40	0
		1	12	20.96	20.95	21.01	21.40	0
		1	24	20.85	21.02	20.89	21.40	0
		12	0	19.94	20.00	20.03	20.40	1
		12	6	19.96	19.99	20.09	20.40	1
		12	13	19.79	19.97	20.13	20.40	1
		25	0	19.81	19.96	20.03	20.40	1
5	16-QAM	1	0	19.96	20.02	19.98	20.40	1
		1	12	19.84	19.93	19.96	20.40	1
		1	24	19.76	19.90	19.92	20.40	1
		12	0	18.86	18.85	18.91	19.40	2
		12	6	18.86	18.94	19.00	19.40	2
		12	13	19.01	18.93	18.98	19.40	2
		25	0	18.86	18.99	18.97	19.40	2
5	64-QAM	1	0	18.79	18.95	19.12	19.40	2
		1	12	18.89	18.82	19.11	19.40	2
		1	24	18.95	19.00	19.01	19.40	2
		12	0	17.90	18.02	17.96	18.40	3
		12	6	17.87	17.94	18.05	18.40	3
		12	13	17.97	18.04	17.90	18.40	3
		25	0	17.91	17.82	17.91	18.40	3
5	256-QAM	1	0	17.93	17.97	18.04	18.40	3
		1	12	17.82	17.86	17.87	18.40	3
		1	24	17.97	18.04	17.88	18.40	3
		12	0	16.76	16.90	17.15	17.40	4
		12	6	16.88	16.90	17.01	17.40	4
		12	13	16.94	16.86	17.10	17.40	4
		25	0	16.87	16.93	17.00	17.40	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3575	3590		
Channel				43190	43340	43490		
20	QPSK	1	0	21.22	21.21	21.02	21.40	0
		1	50	20.98	21.01	20.80	21.40	0
		1	99	21.07	21.07	20.84	21.40	0
		50	0	19.95	19.93	19.97	20.40	1
		50	25	20.03	20.02	19.96	20.40	1
		50	50	20.14	19.97	19.86	20.40	1
		100	0	20.12	20.11	19.79	20.40	1
20	16-QAM	1	0	19.94	20.03	19.88	20.40	1
		1	50	20.06	20.03	19.77	20.40	1
		1	99	20.02	20.01	19.95	20.40	1
		50	0	19.05	19.14	18.87	19.40	2
		50	25	19.10	19.05	18.90	19.40	2
		50	50	19.01	19.11	18.83	19.40	2
		100	0	19.15	19.03	18.88	19.40	2
20	64-QAM	1	0	19.00	18.95	18.81	19.40	2
		1	50	19.01	19.02	18.80	19.40	2
		1	99	19.11	19.09	18.80	19.40	2
		50	0	18.06	18.05	17.81	18.40	3
		50	25	18.13	18.04	17.87	18.40	3
		50	50	18.06	18.04	17.78	18.40	3
		100	0	18.00	18.11	17.83	18.40	3
20	256-QAM	1	0	18.05	18.12	17.84	18.40	3
		1	50	18.02	17.97	17.80	18.40	3
		1	99	18.18	18.03	17.83	18.40	3
		50	0	17.00	17.08	16.83	17.40	4
		50	25	17.10	17.04	16.82	17.40	4
		50	50	17.05	17.09	16.81	17.40	4
		100	0	17.05	17.02	16.75	17.40	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	21.07	20.92	20.76	21.40	0
		1	36	21.20	21.10	20.80	21.40	0
		1	74	21.08	21.04	20.74	21.40	0
		36	0	20.20	20.11	19.79	20.40	1
		36	18	20.04	20.08	19.87	20.40	1
		36	37	19.97	20.11	19.83	20.40	1
		75	0	20.13	19.93	19.77	20.40	1
15	16-QAM	1	0	20.06	19.97	19.82	20.40	1
		1	36	20.03	19.98	19.79	20.40	1
		1	74	20.05	20.10	19.81	20.40	1
		36	0	19.10	18.99	18.95	19.40	2
		36	18	19.05	19.06	18.75	19.40	2
		36	37	19.08	19.06	18.86	19.40	2
		75	0	19.15	19.00	18.82	19.40	2
15	64-QAM	1	0	19.12	19.02	18.88	19.40	2
		1	36	19.05	19.04	18.80	19.40	2
		1	74	19.05	19.06	18.94	19.40	2
		36	0	18.04	18.07	17.88	18.40	3
		36	18	18.06	18.08	17.84	18.40	3
		36	37	18.18	18.09	17.81	18.40	3
		75	0	17.92	17.98	17.82	18.40	3
15	256-QAM	1	0	18.12	17.93	17.87	18.40	3
		1	36	17.99	18.16	17.82	18.40	3
		1	74	18.08	18.08	17.97	18.40	3
		36	0	17.04	17.03	16.80	17.40	4
		36	18	17.08	17.03	16.75	17.40	4
		36	37	17.14	17.06	16.86	17.40	4
		75	0	17.17	17.06	16.89	17.40	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	21.05	20.98	20.94	21.40	0
		1	25	21.09	20.95	20.77	21.40	0
		1	49	21.20	21.05	20.98	21.40	0
		25	0	20.07	20.06	19.92	20.40	1
		25	12	20.04	20.06	19.83	20.40	1
		25	25	20.05	20.03	19.98	20.40	1
		50	0	20.03	20.12	19.82	20.40	1
10	16-QAM	1	0	20.07	20.02	19.80	20.40	1
		1	25	20.11	20.07	19.85	20.40	1
		1	49	20.09	20.10	19.82	20.40	1
		25	0	19.17	18.97	18.90	19.40	2
		25	12	19.09	19.05	18.85	19.40	2
		25	25	18.98	18.99	18.81	19.40	2
		50	0	19.06	19.04	18.83	19.40	2
10	64-QAM	1	0	18.94	18.97	18.86	19.40	2
		1	25	18.99	19.02	18.78	19.40	2
		1	49	19.01	19.01	18.76	19.40	2
		25	0	18.10	17.95	17.88	18.40	3
		25	12	18.02	18.02	17.92	18.40	3
		25	25	18.08	18.08	17.89	18.40	3
		50	0	18.03	17.94	17.90	18.40	3
10	256-QAM	1	0	18.05	18.07	17.83	18.40	3
		1	25	18.00	18.04	17.87	18.40	3
		1	49	18.15	17.97	17.83	18.40	3
		25	0	17.04	17.01	16.75	17.40	4
		25	12	16.93	17.14	16.85	17.40	4
		25	25	17.08	16.99	16.75	17.40	4
		50	0	17.04	16.99	16.81	17.40	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3575	3597.5		
Channel				43115	43340	43565		
5	QPSK	1	0	21.14	21.10	20.82	21.40	0
		1	12	21.11	21.05	20.81	21.40	0
		1	24	21.12	21.06	20.96	21.40	0
		12	0	20.03	19.99	19.92	20.40	1
		12	6	20.04	20.06	19.87	20.40	1
		12	13	20.04	20.14	19.78	20.40	1
		25	0	20.11	20.15	19.90	20.40	1
5	16-QAM	1	0	20.06	20.09	19.91	20.40	1
		1	12	20.13	19.93	19.92	20.40	1
		1	24	20.12	20.01	19.86	20.40	1
		12	0	19.07	19.19	18.93	19.40	2
		12	6	18.97	19.10	18.87	19.40	2
		12	13	19.14	19.18	18.84	19.40	2
		25	0	19.00	19.08	18.88	19.40	2
5	64-QAM	1	0	18.96	18.98	18.88	19.40	2
		1	12	19.06	19.04	18.80	19.40	2
		1	24	18.94	18.98	18.83	19.40	2
		12	0	18.04	18.13	17.76	18.40	3
		12	6	18.09	18.03	17.91	18.40	3
		12	13	17.98	18.01	17.89	18.40	3
		25	0	18.03	18.01	17.97	18.40	3
5	256-QAM	1	0	18.04	18.04	17.86	18.40	3
		1	12	18.15	18.05	17.98	18.40	3
		1	24	18.00	18.05	17.82	18.40	3
		12	0	17.08	17.10	16.81	17.40	4
		12	6	16.96	16.97	16.95	17.40	4
		12	13	16.93	17.04	16.78	17.40	4
		25	0	17.11	17.12	16.88	17.40	4

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LTE Band 48									
V(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	20.97	20.70	20.84	20.93	22.00	0
		1	50	20.74	20.67	20.72	20.90	22.00	0
		1	99	20.77	20.81	20.62	20.83	22.00	0
		50	0	19.83	19.66	19.88	19.84	21.00	1
		50	25	19.57	19.59	19.84	19.82	21.00	1
		50	50	19.64	19.55	19.71	19.91	21.00	1
		100	0	19.76	19.53	19.73	19.99	21.00	1
20	16-QAM	1	0	19.69	19.64	19.75	19.85	21.00	1
		1	50	19.78	19.49	19.73	19.78	21.00	1
		1	99	19.74	19.51	19.68	19.85	21.00	1
		50	0	18.67	18.56	18.73	18.85	20.00	2
		50	25	18.77	18.62	18.76	18.97	20.00	2
		50	50	18.71	18.62	18.75	18.78	20.00	2
		100	0	18.84	18.63	18.68	18.69	20.00	2
20	64-QAM	1	0	18.64	18.68	18.78	18.74	20.00	2
		1	50	18.70	18.65	18.75	18.92	20.00	2
		1	99	18.62	18.63	18.75	18.71	20.00	2
		50	0	17.74	17.41	17.64	17.75	19.00	3
		50	25	17.86	17.72	17.70	17.86	19.00	3
		50	50	17.75	17.48	17.62	17.63	19.00	3
		100	0	17.73	17.67	17.75	17.89	19.00	3
20	256-QAM	1	0	17.78	17.53	17.64	17.61	19.00	3
		1	50	17.66	17.60	17.61	17.80	19.00	3
		1	99	17.55	17.58	17.71	17.87	19.00	3
		50	0	16.90	16.66	16.75	16.85	18.00	4
		50	25	16.76	16.57	16.73	16.88	18.00	4
		50	50	16.86	16.46	16.68	16.85	18.00	4
		100	0	16.60	16.57	16.69	16.97	18.00	4

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LTE Band 48									
V(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	20.97	20.61	20.69	20.77	22.00	0
		1	36	20.67	20.49	20.69	20.85	22.00	0
		1	74	20.68	20.81	20.48	20.67	22.00	0
		36	0	19.79	19.53	19.88	19.72	21.00	1
		36	18	19.57	19.48	19.83	19.66	21.00	1
		36	37	19.46	19.44	19.68	19.82	21.00	1
		75	0	19.70	19.47	19.68	19.94	21.00	1
15	16-QAM	1	0	19.55	19.57	19.60	19.78	21.00	1
		1	36	19.62	19.31	19.70	19.77	21.00	1
		1	74	19.73	19.44	19.60	19.74	21.00	1
		36	0	18.61	18.51	18.56	18.73	20.00	2
		36	18	18.60	18.59	18.61	18.80	20.00	2
		36	37	18.66	18.54	18.60	18.69	20.00	2
		75	0	18.71	18.58	18.51	18.51	20.00	2
15	64-QAM	1	0	18.49	18.61	18.72	18.58	20.00	2
		1	36	18.62	18.65	18.68	18.92	20.00	2
		1	74	18.56	18.48	18.67	18.56	20.00	2
		36	0	17.64	17.32	17.63	17.61	19.00	3
		36	18	17.82	17.66	17.61	17.86	19.00	3
		36	37	17.62	17.35	17.46	17.55	19.00	3
		75	0	17.56	17.50	17.72	17.76	19.00	3
15	256-QAM	1	0	17.74	17.53	17.58	17.59	19.00	3
		1	36	17.53	17.44	17.50	17.74	19.00	3
		1	74	17.48	17.41	17.68	17.85	19.00	3
		36	0	16.77	16.59	16.74	16.77	18.00	4
		36	18	16.72	16.51	16.67	16.70	18.00	4
		36	37	16.82	16.35	16.56	16.77	18.00	4
		75	0	16.48	16.56	16.62	16.79	18.00	4

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V(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
Channel				55290	55815	56165	56690		
10	QPSK	1	0	20.92	20.64	20.72	20.89	22.00	0
		1	25	20.69	20.53	20.68	20.73	22.00	0
		1	49	20.70	20.76	20.55	20.81	22.00	0
		25	0	19.64	19.47	19.78	19.82	21.00	1
		25	12	19.40	19.51	19.74	19.73	21.00	1
		25	25	19.47	19.49	19.61	19.83	21.00	1
		50	0	19.57	19.38	19.70	19.90	21.00	1
10	16-QAM	1	0	19.56	19.60	19.68	19.81	21.00	1
		1	25	19.75	19.43	19.68	19.68	21.00	1
		1	49	19.62	19.44	19.53	19.79	21.00	1
		25	0	18.64	18.52	18.68	18.78	20.00	2
		25	12	18.59	18.51	18.57	18.82	20.00	2
		25	25	18.62	18.47	18.74	18.64	20.00	2
		50	0	18.84	18.56	18.63	18.60	20.00	2
10	64-QAM	1	0	18.59	18.66	18.63	18.59	20.00	2
		1	25	18.59	18.54	18.63	18.84	20.00	2
		1	49	18.54	18.49	18.58	18.67	20.00	2
		25	0	17.57	17.22	17.45	17.68	19.00	3
		25	12	17.77	17.65	17.65	17.69	19.00	3
		25	25	17.75	17.46	17.50	17.46	19.00	3
		50	0	17.68	17.53	17.71	17.88	19.00	3
10	256-QAM	1	0	17.61	17.52	17.64	17.48	19.00	3
		1	25	17.52	17.58	17.54	17.73	19.00	3
		1	49	17.47	17.52	17.68	17.79	19.00	3
		25	0	16.86	16.64	16.64	16.69	18.00	4
		25	12	16.76	16.51	16.70	16.80	18.00	4
		25	25	16.78	16.35	16.59	16.70	18.00	4
		50	0	16.45	16.45	16.61	16.89	18.00	4

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LTE Band 48									
V(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
Channel				55265	55810	56170	56715		
5	QPSK	1	0	20.91	20.60	20.77	20.93	22.00	0
		1	12	20.73	20.59	20.63	20.85	22.00	0
		1	24	20.63	20.66	20.48	20.72	22.00	0
		12	0	19.79	19.54	19.75	19.82	21.00	1
		12	6	19.47	19.40	19.73	19.66	21.00	1
		12	13	19.58	19.36	19.62	19.75	21.00	1
		25	0	19.59	19.50	19.68	19.96	21.00	1
5	16-QAM	1	0	19.60	19.51	19.60	19.78	21.00	1
		1	12	19.62	19.32	19.68	19.65	21.00	1
		1	24	19.60	19.48	19.68	19.67	21.00	1
		12	0	18.51	18.50	18.58	18.66	20.00	2
		12	6	18.67	18.46	18.63	18.78	20.00	2
		12	13	18.69	18.54	18.69	18.63	20.00	2
		25	0	18.71	18.46	18.58	18.52	20.00	2
5	64-QAM	1	0	18.53	18.57	18.59	18.64	20.00	2
		1	12	18.52	18.57	18.67	18.83	20.00	2
		1	24	18.57	18.51	18.62	18.60	20.00	2
		12	0	17.61	17.40	17.59	17.62	19.00	3
		12	6	17.70	17.68	17.68	17.73	19.00	3
		12	13	17.64	17.34	17.43	17.56	19.00	3
		25	0	17.67	17.54	17.58	17.79	19.00	3
5	256-QAM	1	0	17.75	17.51	17.56	17.60	19.00	3
		1	12	17.54	17.42	17.51	17.78	19.00	3
		1	24	17.53	17.53	17.57	17.77	19.00	3
		12	0	16.83	16.55	16.66	16.72	18.00	4
		12	6	16.66	16.54	16.68	16.75	18.00	4
		12	13	16.82	16.39	16.61	16.84	18.00	4
		25	0	16.50	16.52	16.64	16.81	18.00	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)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	22.74	22.63	22.68	24.00	0
		1	50	22.57	22.51	22.52	24.00	0
		1	99	22.56	22.59	22.48	24.00	0
		50	0	21.51	21.42	21.57	23.00	1
		50	25	21.71	21.52	21.50	23.00	1
		50	50	21.64	21.48	21.60	23.00	1
		100	0	21.65	21.42	21.46	23.00	1
20	16-QAM	1	0	21.56	21.50	21.58	23.00	1
		1	50	21.59	21.49	21.55	23.00	1
		1	99	21.53	21.45	21.60	23.00	1
		50	0	20.52	20.48	20.44	22.00	2
		50	25	20.57	20.47	20.50	22.00	2
		50	50	20.51	20.43	20.51	22.00	2
		100	0	20.59	20.56	20.62	22.00	2
20	64-QAM	1	0	20.62	20.43	20.45	22.00	2
		1	50	20.64	20.48	20.55	22.00	2
		1	99	20.69	20.40	20.57	22.00	2
		50	0	19.60	19.44	19.54	21.00	3
		50	25	19.61	19.46	19.52	21.00	3
		50	50	19.49	19.52	19.50	21.00	3
		100	0	19.60	19.46	19.55	21.00	3
20	256-QAM	1	0	19.62	19.47	19.65	21.00	3
		1	50	19.50	19.40	19.47	21.00	3
		1	99	19.62	19.46	19.55	21.00	3
		50	0	18.62	18.49	18.53	20.00	4
		50	25	18.65	18.52	18.55	20.00	4
		50	50	18.48	18.49	18.62	20.00	4
		100	0	18.49	18.52	18.52	20.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				37825	38000	38175		
15	QPSK	1	0	22.65	22.51	22.50	24.00	0
		1	36	22.61	22.49	22.53	24.00	0
		1	74	22.52	22.56	22.53	24.00	0
		36	0	21.59	21.47	21.46	23.00	1
		36	18	21.55	21.50	21.58	23.00	1
		36	37	21.53	21.53	21.47	23.00	1
		75	0	21.50	21.54	21.52	23.00	1
15	16-QAM	1	0	21.60	21.48	21.56	23.00	1
		1	36	21.58	21.50	21.54	23.00	1
		1	74	21.66	21.46	21.55	23.00	1
		36	0	20.65	20.43	20.52	22.00	2
		36	18	20.57	20.45	20.61	22.00	2
		36	37	20.49	20.42	20.49	22.00	2
		75	0	20.55	20.44	20.48	22.00	2
15	64-QAM	1	0	20.62	20.48	20.63	22.00	2
		1	36	20.57	20.34	20.56	22.00	2
		1	74	20.59	20.56	20.50	22.00	2
		36	0	19.60	19.51	19.54	21.00	3
		36	18	19.53	19.49	19.47	21.00	3
		36	37	19.62	19.51	19.43	21.00	3
		75	0	19.55	19.47	19.55	21.00	3
15	256-QAM	1	0	19.66	19.56	19.57	21.00	3
		1	36	19.56	19.53	19.61	21.00	3
		1	74	19.58	19.45	19.53	21.00	3
		36	0	18.57	18.43	18.49	20.00	4
		36	18	18.47	18.46	18.51	20.00	4
		36	37	18.61	18.53	18.57	20.00	4
		75	0	18.61	18.38	18.46	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	22.58	22.54	22.44	24.00	0
		1	25	22.60	22.46	22.52	24.00	0
		1	49	22.67	22.45	22.57	24.00	0
		25	0	21.54	21.42	21.64	23.00	1
		25	12	21.55	21.37	21.43	23.00	1
		25	25	21.54	21.43	21.61	23.00	1
		50	0	21.71	21.48	21.61	23.00	1
10	16-QAM	1	0	21.54	21.37	21.48	23.00	1
		1	25	21.66	21.51	21.42	23.00	1
		1	49	21.51	21.61	21.44	23.00	1
		25	0	20.64	20.43	20.60	22.00	2
		25	12	20.55	20.54	20.53	22.00	2
		25	25	20.61	20.55	20.54	22.00	2
		50	0	20.58	20.36	20.62	22.00	2
10	64-QAM	1	0	20.52	20.49	20.53	22.00	2
		1	25	20.50	20.52	20.42	22.00	2
		1	49	20.63	20.40	20.61	22.00	2
		25	0	19.59	19.40	19.39	21.00	3
		25	12	19.51	19.34	19.55	21.00	3
		25	25	19.64	19.38	19.55	21.00	3
		50	0	19.54	19.40	19.50	21.00	3
10	256-QAM	1	0	19.49	19.48	19.54	21.00	3
		1	25	19.49	19.44	19.56	21.00	3
		1	49	19.66	19.46	19.41	21.00	3
		25	0	18.60	18.37	18.54	20.00	4
		25	12	18.67	18.35	18.62	20.00	4
		25	25	18.50	18.48	18.46	20.00	4
		50	0	18.60	18.42	18.48	20.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2572.5	2595	2617.5		
Channel				37775	38000	38225		
5	QPSK	1	0	22.56	22.48	22.62	24.00	0
		1	12	22.59	22.35	22.50	24.00	0
		1	24	22.55	22.45	22.58	24.00	0
		12	0	21.72	21.52	21.64	23.00	1
		12	6	21.56	21.35	21.50	23.00	1
		12	13	21.64	21.61	21.53	23.00	1
		25	0	21.58	21.55	21.47	23.00	1
5	16-QAM	1	0	21.51	21.42	21.56	23.00	1
		1	12	21.52	21.42	21.65	23.00	1
		1	24	21.58	21.48	21.42	23.00	1
		12	0	20.57	20.57	20.53	22.00	2
		12	6	20.47	20.49	20.56	22.00	2
		12	13	20.65	20.50	20.54	22.00	2
		25	0	20.53	20.44	20.47	22.00	2
5	64-QAM	1	0	20.54	20.38	20.60	22.00	2
		1	12	20.62	20.38	20.53	22.00	2
		1	24	20.45	20.44	20.63	22.00	2
		12	0	19.62	19.46	19.48	21.00	3
		12	6	19.57	19.52	19.48	21.00	3
		12	13	19.53	19.52	19.47	21.00	3
		25	0	19.59	19.48	19.49	21.00	3
5	256-QAM	1	0	19.63	19.49	19.59	21.00	3
		1	12	19.52	19.49	19.66	21.00	3
		1	24	19.59	19.40	19.45	21.00	3
		12	0	18.70	18.52	18.52	20.00	4
		12	6	18.63	18.44	18.54	20.00	4
		12	13	18.59	18.43	18.45	20.00	4
		25	0	18.62	18.47	18.52	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	22.76	22.84	22.77	22.82	22.77	24.00	0
		1	50	22.48	22.75	22.56	22.75	22.56	24.00	0
		1	99	22.62	22.64	22.68	22.64	22.68	24.00	0
		50	0	21.54	21.73	21.58	21.73	21.58	23.00	1
		50	25	21.66	21.65	21.56	21.65	21.56	23.00	1
		50	50	21.59	21.68	21.49	21.68	21.49	23.00	1
		100	0	21.65	21.69	21.60	21.69	21.60	23.00	1
20	16-QAM	1	0	21.67	21.69	21.62	21.69	21.62	23.00	1
		1	50	21.59	21.69	21.61	21.69	21.61	23.00	1
		1	99	21.56	21.73	21.68	21.73	21.68	23.00	1
		50	0	20.59	20.80	20.59	20.80	20.59	22.00	2
		50	25	20.59	20.65	20.67	20.65	20.67	22.00	2
		50	50	20.69	20.70	20.63	20.70	20.63	22.00	2
		100	0	20.60	20.73	20.52	20.73	20.52	22.00	2
20	64-QAM	1	0	20.62	20.68	20.65	20.68	20.65	22.00	2
		1	50	20.54	20.79	20.69	20.79	20.69	22.00	2
		1	99	20.70	20.79	20.54	20.79	20.54	22.00	2
		50	0	19.57	19.69	19.58	19.69	19.58	21.00	3
		50	25	19.48	19.68	19.56	19.68	19.56	21.00	3
		50	50	19.60	19.59	19.64	19.59	19.64	21.00	3
		100	0	19.64	19.69	19.54	19.69	19.54	21.00	3
20	256-QAM	1	0	19.49	19.66	19.62	19.66	19.62	21.00	3
		1	50	19.61	19.78	19.69	19.78	19.69	21.00	3
		1	99	19.55	19.67	19.69	19.67	19.69	21.00	3
		50	0	18.65	18.61	18.61	18.61	18.61	20.00	4
		50	25	18.63	18.59	18.49	18.59	18.49	20.00	4
		50	50	18.51	18.69	18.68	18.69	18.68	20.00	4
		100	0	18.69	18.74	18.70	18.74	18.70	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	22.48	22.65	22.55	22.65	22.55	24.00	0
		1	36	22.69	22.60	22.63	22.60	22.63	24.00	0
		1	74	22.70	22.69	22.54	22.69	22.54	24.00	0
		36	0	21.48	21.57	21.61	21.57	21.61	23.00	1
		36	18	21.65	21.70	21.56	21.70	21.56	23.00	1
		36	37	21.68	21.79	21.72	21.79	21.72	23.00	1
		75	0	21.63	21.66	21.54	21.66	21.54	23.00	1
15	16-QAM	1	0	21.52	21.63	21.58	21.63	21.58	23.00	1
		1	36	21.53	21.59	21.52	21.59	21.52	23.00	1
		1	74	21.68	21.81	21.58	21.81	21.58	23.00	1
		36	0	20.70	20.59	20.60	20.59	20.60	22.00	2
		36	18	20.52	20.66	20.65	20.66	20.65	22.00	2
		36	37	20.66	20.69	20.61	20.69	20.61	22.00	2
		75	0	20.67	20.72	20.58	20.72	20.58	22.00	2
15	64-QAM	1	0	20.58	20.75	20.64	20.75	20.64	22.00	2
		1	36	20.56	20.57	20.57	20.57	20.57	22.00	2
		1	74	20.55	20.72	20.62	20.72	20.62	22.00	2
		36	0	19.64	19.67	19.66	19.67	19.66	21.00	3
		36	18	19.52	19.67	19.54	19.67	19.54	21.00	3
		36	37	19.56	19.64	19.62	19.64	19.62	21.00	3
		75	0	19.70	19.61	19.59	19.61	19.59	21.00	3
15	256-QAM	1	0	19.51	19.64	19.58	19.64	19.58	21.00	3
		1	36	19.66	19.70	19.57	19.70	19.57	21.00	3
		1	74	19.51	19.62	19.58	19.62	19.58	21.00	3
		36	0	18.63	18.81	18.47	18.81	18.47	20.00	4
		36	18	18.62	18.66	18.59	18.66	18.59	20.00	4
		36	37	18.48	18.58	18.69	18.58	18.69	20.00	4
		75	0	18.66	18.73	18.66	18.73	18.66	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	22.61	22.63	22.66	22.63	22.66	24.00	0
		1	25	22.67	22.71	22.72	22.71	22.72	24.00	0
		1	49	22.61	22.79	22.68	22.79	22.68	24.00	0
		25	0	21.61	21.66	21.68	21.66	21.68	23.00	1
		25	12	21.59	21.69	21.50	21.69	21.50	23.00	1
		25	25	21.60	21.57	21.57	21.57	21.57	23.00	1
		50	0	21.65	21.65	21.68	21.65	21.68	23.00	1
10	16-QAM	1	0	21.61	21.64	21.58	21.64	21.58	23.00	1
		1	25	21.49	21.70	21.61	21.70	21.61	23.00	1
		1	49	21.62	21.68	21.58	21.68	21.58	23.00	1
		25	0	20.49	20.67	20.67	20.67	20.67	22.00	2
		25	12	20.66	20.80	20.59	20.80	20.59	22.00	2
		25	25	20.58	20.65	20.60	20.65	20.60	22.00	2
		50	0	20.50	20.74	20.66	20.74	20.66	22.00	2
10	64-QAM	1	0	20.48	20.70	20.57	20.70	20.57	22.00	2
		1	25	20.60	20.58	20.65	20.58	20.65	22.00	2
		1	49	20.62	20.56	20.50	20.56	20.50	22.00	2
		25	0	19.61	19.68	19.62	19.68	19.62	21.00	3
		25	12	19.53	19.70	19.51	19.70	19.51	21.00	3
		25	25	19.48	19.71	19.52	19.71	19.52	21.00	3
		50	0	19.60	19.79	19.60	19.79	19.60	21.00	3
10	256-QAM	1	0	19.60	19.65	19.61	19.65	19.61	21.00	3
		1	25	19.55	19.67	19.55	19.67	19.55	21.00	3
		1	49	19.58	19.66	19.53	19.66	19.53	21.00	3
		25	0	18.63	18.62	18.57	18.62	18.57	20.00	4
		25	12	18.69	18.74	18.64	18.74	18.64	20.00	4
		25	25	18.71	18.64	18.54	18.64	18.54	20.00	4
		50	0	18.58	18.75	18.75	18.75	18.75	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	22.62	22.64	22.60	22.64	22.60	24.00	0
		1	12	22.72	22.75	22.72	22.75	22.72	24.00	0
		1	24	22.55	22.65	22.60	22.65	22.60	24.00	0
		12	0	21.59	21.68	21.60	21.68	21.60	23.00	1
		12	6	21.58	21.64	21.59	21.64	21.59	23.00	1
		12	13	21.62	21.76	21.60	21.76	21.60	23.00	1
		25	0	21.64	21.77	21.57	21.77	21.57	23.00	1
5	16-QAM	1	0	21.56	21.64	21.60	21.64	21.60	23.00	1
		1	12	21.52	21.79	21.68	21.79	21.68	23.00	1
		1	24	21.63	21.67	21.56	21.67	21.56	23.00	1
		12	0	20.60	20.67	20.67	20.67	20.67	22.00	2
		12	6	20.59	20.69	20.63	20.69	20.63	22.00	2
		12	13	20.60	20.69	20.53	20.69	20.53	22.00	2
		25	0	20.52	20.71	20.63	20.71	20.63	22.00	2
5	64-QAM	1	0	20.65	20.64	20.65	20.64	20.65	22.00	2
		1	12	20.57	20.72	20.69	20.72	20.69	22.00	2
		1	24	20.61	20.71	20.69	20.71	20.69	22.00	2
		12	0	19.68	19.75	19.70	19.75	19.70	21.00	3
		12	6	19.59	19.81	19.48	19.81	19.48	21.00	3
		12	13	19.67	19.61	19.68	19.61	19.68	21.00	3
		25	0	19.63	19.69	19.53	19.69	19.53	21.00	3
5	256-QAM	1	0	19.64	19.71	19.52	19.71	19.52	21.00	3
		1	12	19.64	19.61	19.53	19.61	19.53	21.00	3
		1	24	19.48	19.66	19.64	19.66	19.64	21.00	3
		12	0	18.70	18.72	18.62	18.72	18.62	20.00	4
		12	6	18.59	18.58	18.64	18.58	18.64	20.00	4
		12	13	18.64	18.64	18.68	18.64	18.68	20.00	4
		25	0	18.58	18.56	18.66	18.56	18.66	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	21.09	21.40	21.36	21.40	0
		1	50	21.04	21.21	21.32	21.40	0
		1	99	20.97	21.18	21.28	21.40	0
		50	0	19.91	20.20	20.30	20.40	1
		50	25	20.02	20.26	20.16	20.40	1
		50	50	19.87	20.30	20.26	20.40	1
		100	0	19.86	20.36	20.38	20.40	1
20	16-QAM	1	0	19.95	20.20	20.33	20.40	1
		1	50	19.92	20.32	20.23	20.40	1
		1	99	19.84	20.20	20.31	20.40	1
		50	0	18.85	19.23	19.32	19.40	2
		50	25	18.96	19.28	19.19	19.40	2
		50	50	18.93	19.10	19.38	19.40	2
		100	0	18.97	19.22	19.32	19.40	2
20	64-QAM	1	0	18.93	19.20	19.27	19.40	2
		1	50	18.90	19.17	19.24	19.40	2
		1	99	18.96	19.18	19.34	19.40	2
		50	0	17.86	18.10	18.24	18.40	3
		50	25	17.95	18.29	18.20	18.40	3
		50	50	17.81	18.31	18.30	18.40	3
		100	0	17.98	18.26	18.32	18.40	3
20	256-QAM	1	0	17.92	18.16	18.22	18.40	3
		1	50	17.98	18.15	18.22	18.40	3
		1	99	17.90	18.29	18.23	18.40	3
		50	0	16.89	17.24	17.40	17.40	4
		50	25	17.05	17.22	17.28	17.40	4
		50	50	16.99	17.15	17.23	17.40	4
		100	0	16.97	17.29	17.29	17.40	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	21.00	21.37	21.28	21.40	0
		1	36	20.98	21.26	21.31	21.40	0
		1	74	20.90	21.25	21.30	21.40	0
		36	0	20.03	20.24	20.39	20.40	1
		36	18	19.85	20.28	20.31	20.40	1
		36	37	19.95	20.24	20.36	20.40	1
		75	0	19.87	20.15	20.22	20.40	1
15	16-QAM	1	0	20.05	20.16	20.17	20.40	1
		1	36	19.99	20.22	20.23	20.40	1
		1	74	19.93	20.21	20.28	20.40	1
		36	0	18.88	19.25	19.34	19.40	2
		36	18	18.88	19.15	19.37	19.40	2
		36	37	18.91	19.28	19.18	19.40	2
		75	0	18.89	19.28	19.32	19.40	2
15	64-QAM	1	0	18.95	19.21	19.33	19.40	2
		1	36	18.84	19.24	19.29	19.40	2
		1	74	19.04	19.34	19.28	19.40	2
		36	0	17.95	18.19	18.36	18.40	3
		36	18	17.96	18.22	18.23	18.40	3
		36	37	17.87	18.15	18.27	18.40	3
		75	0	17.91	18.18	18.20	18.40	3
15	256-QAM	1	0	17.93	18.24	18.31	18.40	3
		1	36	18.05	18.27	18.30	18.40	3
		1	74	17.91	18.22	18.26	18.40	3
		36	0	17.07	17.34	17.24	17.40	4
		36	18	16.99	17.30	17.18	17.40	4
		36	37	16.95	17.17	17.31	17.40	4
		75	0	16.83	17.23	17.21	17.40	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	20.97	21.22	21.31	21.40	0
		1	25	20.97	21.21	21.31	21.40	0
		1	49	20.89	21.33	21.39	21.40	0
		25	0	19.98	20.23	20.36	20.40	1
		25	12	19.95	20.12	20.33	20.40	1
		25	25	19.91	20.23	20.26	20.40	1
		50	0	19.89	20.24	20.35	20.40	1
10	16-QAM	1	0	19.93	20.22	20.26	20.40	1
		1	25	20.01	20.28	20.40	20.40	1
		1	49	19.85	20.25	20.24	20.40	1
		25	0	18.90	19.15	19.37	19.40	2
		25	12	19.05	19.32	19.33	19.40	2
		25	25	18.97	19.29	19.23	19.40	2
		50	0	18.88	19.29	19.29	19.40	2
10	64-QAM	1	0	18.91	19.17	19.25	19.40	2
		1	25	18.95	19.18	19.27	19.40	2
		1	49	18.89	19.24	19.28	19.40	2
		25	0	18.02	18.27	18.31	18.40	3
		25	12	18.00	18.21	18.28	18.40	3
		25	25	17.82	18.18	18.39	18.40	3
		50	0	17.94	18.15	18.32	18.40	3
10	256-QAM	1	0	18.01	18.29	18.36	18.40	3
		1	25	18.02	18.19	18.26	18.40	3
		1	49	17.84	18.13	18.17	18.40	3
		25	0	16.86	17.24	17.27	17.40	4
		25	12	16.94	17.14	17.34	17.40	4
		25	25	16.86	17.29	17.27	17.40	4
		50	0	16.97	17.23	17.21	17.40	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	20.91	21.11	21.34	21.40	0
		1	12	20.97	21.20	21.29	21.40	0
		1	24	20.89	21.29	21.33	21.40	0
		12	0	19.96	20.30	20.20	20.40	1
		12	6	19.98	20.25	20.28	20.40	1
		12	13	19.90	20.20	20.20	20.40	1
		25	0	19.84	20.16	20.32	20.40	1
5	16-QAM	1	0	20.00	20.25	20.20	20.40	1
		1	12	20.00	20.24	20.31	20.40	1
		1	24	19.99	20.28	20.28	20.40	1
		12	0	18.99	19.17	19.27	19.40	2
		12	6	18.94	19.19	19.20	19.40	2
		12	13	18.98	19.25	19.17	19.40	2
		25	0	18.93	19.21	19.20	19.40	2
5	64-QAM	1	0	18.85	19.12	19.29	19.40	2
		1	12	18.84	19.28	19.33	19.40	2
		1	24	18.85	19.26	19.25	19.40	2
		12	0	17.94	18.28	18.21	18.40	3
		12	6	18.04	18.16	18.19	18.40	3
		12	13	17.89	18.32	18.30	18.40	3
		25	0	17.96	18.27	18.34	18.40	3
5	256-QAM	1	0	17.94	18.27	18.29	18.40	3
		1	12	17.89	18.22	18.39	18.40	3
		1	24	17.88	18.31	18.39	18.40	3
		12	0	16.91	17.23	17.25	17.40	4
		12	6	16.98	17.14	17.27	17.40	4
		12	13	16.90	17.19	17.35	17.40	4
		25	0	16.86	17.13	17.36	17.40	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3575	3590		
Channel				43190	43340	43490		
20	QPSK	1	0	21.34	21.28	21.30	21.40	0
		1	50	21.23	21.07	21.20	21.40	0
		1	99	21.13	21.00	21.18	21.40	0
		50	0	20.07	20.11	20.17	20.40	1
		50	25	20.19	20.10	20.27	20.40	1
		50	50	20.27	20.05	20.17	20.40	1
		100	0	20.19	20.10	20.19	20.40	1
20	16-QAM	1	0	20.13	20.01	20.22	20.40	1
		1	50	20.24	20.09	20.15	20.40	1
		1	99	20.11	20.16	20.19	20.40	1
		50	0	19.22	19.13	19.19	19.40	2
		50	25	19.21	19.19	19.09	19.40	2
		50	50	19.22	19.19	19.17	19.40	2
		100	0	19.21	19.09	19.13	19.40	2
20	64-QAM	1	0	19.28	19.10	19.30	19.40	2
		1	50	19.27	19.07	19.21	19.40	2
		1	99	19.19	19.16	19.18	19.40	2
		50	0	18.22	18.16	18.26	18.40	3
		50	25	18.27	18.15	18.14	18.40	3
		50	50	18.11	18.19	18.13	18.40	3
		100	0	18.11	18.14	18.11	18.40	3
20	256-QAM	1	0	18.23	18.10	18.09	18.40	3
		1	50	18.11	18.17	18.14	18.40	3
		1	99	18.24	18.06	18.23	18.40	3
		50	0	17.08	17.09	17.15	17.40	4
		50	25	17.13	17.18	17.19	17.40	4
		50	50	17.25	17.06	17.13	17.40	4
		100	0	17.14	17.03	17.31	17.40	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	21.19	21.22	21.21	21.40	0
		1	36	21.11	21.18	21.20	21.40	0
		1	74	21.11	21.05	21.19	21.40	0
		36	0	20.23	20.15	20.19	20.40	1
		36	18	20.18	20.09	20.14	20.40	1
		36	37	20.08	20.19	20.14	20.40	1
		75	0	20.18	20.17	20.22	20.40	1
15	16-QAM	1	0	20.12	20.12	20.12	20.40	1
		1	36	20.31	20.02	20.09	20.40	1
		1	74	20.05	20.11	20.28	20.40	1
		36	0	19.06	19.15	19.17	19.40	2
		36	18	19.25	19.11	19.17	19.40	2
		36	37	19.24	19.03	19.12	19.40	2
		75	0	19.17	19.12	19.26	19.40	2
15	64-QAM	1	0	19.19	19.25	19.17	19.40	2
		1	36	19.21	19.10	19.24	19.40	2
		1	74	19.20	19.10	19.13	19.40	2
		36	0	18.16	18.14	18.14	18.40	3
		36	18	18.14	18.12	18.13	18.40	3
		36	37	18.21	18.13	18.20	18.40	3
		75	0	18.24	18.07	18.26	18.40	3
15	256-QAM	1	0	18.17	18.12	18.18	18.40	3
		1	36	18.29	18.08	18.17	18.40	3
		1	74	18.16	18.13	18.11	18.40	3
		36	0	17.16	17.13	17.15	17.40	4
		36	18	17.27	17.08	17.17	17.40	4
		36	37	17.08	17.08	17.22	17.40	4
		75	0	17.23	17.16	17.10	17.40	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	21.13	21.05	21.12	21.40	0
		1	25	21.14	21.08	21.23	21.40	0
		1	49	21.13	21.19	21.19	21.40	0
		25	0	20.32	20.16	20.07	20.40	1
		25	12	20.20	20.11	20.16	20.40	1
		25	25	20.16	20.16	20.16	20.40	1
		50	0	20.15	20.11	20.16	20.40	1
10	16-QAM	1	0	20.07	20.13	20.26	20.40	1
		1	25	20.16	20.11	20.22	20.40	1
		1	49	20.21	20.16	20.16	20.40	1
		25	0	19.13	19.11	19.25	19.40	2
		25	12	19.15	19.11	19.12	19.40	2
		25	25	19.24	19.04	19.22	19.40	2
		50	0	19.23	19.10	19.27	19.40	2
10	64-QAM	1	0	19.14	19.06	19.04	19.40	2
		1	25	19.25	19.10	19.13	19.40	2
		1	49	19.17	19.24	19.19	19.40	2
		25	0	18.05	18.12	18.29	18.40	3
		25	12	18.18	18.09	18.30	18.40	3
		25	25	18.22	18.06	18.09	18.40	3
		50	0	18.26	18.11	18.31	18.40	3
10	256-QAM	1	0	18.10	18.15	18.27	18.40	3
		1	25	18.10	18.07	18.24	18.40	3
		1	49	18.22	18.08	18.18	18.40	3
		25	0	17.29	17.12	17.10	17.40	4
		25	12	17.18	17.06	17.24	17.40	4
		25	25	17.24	17.20	17.11	17.40	4
		50	0	17.14	17.19	17.21	17.40	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3575	3597.5		
Channel				43115	43340	43565		
5	QPSK	1	0	21.27	21.07	21.05	21.40	0
		1	12	21.17	21.11	21.20	21.40	0
		1	24	21.16	21.10	21.17	21.40	0
		12	0	20.19	20.13	20.23	20.40	1
		12	6	20.11	20.14	20.22	20.40	1
		12	13	20.16	20.14	20.11	20.40	1
		25	0	20.18	20.12	20.13	20.40	1
5	16-QAM	1	0	20.23	20.11	20.21	20.40	1
		1	12	20.10	20.01	20.09	20.40	1
		1	24	20.15	20.13	20.27	20.40	1
		12	0	19.27	19.09	19.27	19.40	2
		12	6	19.12	19.08	19.14	19.40	2
		12	13	19.24	19.16	19.23	19.40	2
		25	0	19.22	19.09	19.24	19.40	2
5	64-QAM	1	0	19.29	19.06	19.15	19.40	2
		1	12	19.28	19.15	19.14	19.40	2
		1	24	19.21	19.15	19.12	19.40	2
		12	0	18.24	18.17	18.20	18.40	3
		12	6	18.23	18.13	18.12	18.40	3
		12	13	18.10	18.19	18.16	18.40	3
		25	0	18.10	18.17	18.21	18.40	3
5	256-QAM	1	0	18.14	18.18	18.21	18.40	3
		1	12	18.08	18.20	18.28	18.40	3
		1	24	18.16	18.11	18.10	18.40	3
		12	0	17.13	17.11	17.17	17.40	4
		12	6	17.15	17.19	17.27	17.40	4
		12	13	17.10	17.12	17.05	17.40	4
		25	0	17.19	17.14	17.23	17.40	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)				3610	3650	3690		
Channel				43690	44090	44490		
20	QPSK	1	0	21.02	21.05	21.00	21.40	0
		1	50	20.96	21.03	20.88	21.40	0
		1	99	20.81	20.90	20.93	21.40	0
		50	0	19.99	19.97	19.79	20.40	1
		50	25	19.89	19.95	19.84	20.40	1
		50	50	19.83	19.84	19.86	20.40	1
		100	0	19.89	19.99	19.78	20.40	1
20	16-QAM	1	0	19.83	19.97	19.74	20.40	1
		1	50	19.84	19.97	19.75	20.40	1
		1	99	19.90	19.98	19.76	20.40	1
		50	0	18.84	18.96	18.88	19.40	2
		50	25	18.86	18.98	18.92	19.40	2
		50	50	18.80	18.85	18.83	19.40	2
		100	0	18.86	18.96	18.78	19.40	2
20	64-QAM	1	0	18.85	18.86	18.72	19.40	2
		1	50	18.93	18.87	18.88	19.40	2
		1	99	18.92	18.92	18.85	19.40	2
		50	0	17.81	17.92	17.84	18.40	3
		50	25	17.92	17.89	17.77	18.40	3
		50	50	17.89	17.80	17.74	18.40	3
		100	0	17.83	17.86	17.90	18.40	3
20	256-QAM	1	0	17.78	17.76	17.84	18.40	3
		1	50	17.89	17.89	17.80	18.40	3
		1	99	17.96	17.75	17.78	18.40	3
		50	0	16.90	16.91	16.76	17.40	4
		50	25	16.87	16.96	16.84	17.40	4
		50	50	16.89	16.88	16.96	17.40	4
		100	0	16.73	16.88	16.84	17.40	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)				3607.5	3650	3692.5		
Channel				43665	44090	44515		
15	QPSK	1	0	20.96	20.78	20.93	21.40	0
		1	36	20.93	20.84	20.84	21.40	0
		1	74	20.83	20.86	20.91	21.40	0
		36	0	19.80	19.92	19.94	20.40	1
		36	18	19.76	19.79	19.71	20.40	1
		36	37	19.92	20.02	19.86	20.40	1
		75	0	19.82	19.83	19.89	20.40	1
15	16-QAM	1	0	19.90	19.98	19.79	20.40	1
		1	36	19.88	19.94	19.90	20.40	1
		1	74	19.85	19.87	19.80	20.40	1
		36	0	18.88	19.01	18.89	19.40	2
		36	18	19.00	18.93	18.88	19.40	2
		36	37	18.76	18.83	18.86	19.40	2
		75	0	18.84	18.93	18.83	19.40	2
15	64-QAM	1	0	18.88	18.91	18.85	19.40	2
		1	36	18.85	18.78	18.79	19.40	2
		1	74	18.94	18.86	18.82	19.40	2
		36	0	17.89	17.88	17.82	18.40	3
		36	18	17.89	17.78	17.95	18.40	3
		36	37	17.90	17.84	17.86	18.40	3
		75	0	17.86	17.75	17.83	18.40	3
15	256-QAM	1	0	17.87	17.82	17.85	18.40	3
		1	36	17.73	17.84	17.84	18.40	3
		1	74	17.98	17.89	17.87	18.40	3
		36	0	16.80	16.95	16.76	17.40	4
		36	18	16.77	16.88	16.89	17.40	4
		36	37	16.87	16.95	16.75	17.40	4
		75	0	16.89	16.79	16.81	17.40	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3605	3650	3695		
Channel				43640	44090	44540		
10	QPSK	1	0	20.94	20.89	20.78	21.40	0
		1	25	20.83	20.87	20.83	21.40	0
		1	49	20.81	20.86	20.82	21.40	0
		25	0	19.81	19.92	19.88	20.40	1
		25	12	19.83	19.93	19.86	20.40	1
		25	25	19.86	19.86	19.86	20.40	1
		50	0	19.89	19.91	19.85	20.40	1
10	16-QAM	1	0	19.92	19.92	19.84	20.40	1
		1	25	19.87	19.92	19.84	20.40	1
		1	49	19.76	19.93	19.84	20.40	1
		25	0	18.84	18.89	18.93	19.40	2
		25	12	18.91	18.98	18.84	19.40	2
		25	25	18.86	18.97	18.89	19.40	2
		50	0	18.88	18.91	18.80	19.40	2
10	64-QAM	1	0	18.85	18.89	18.86	19.40	2
		1	25	18.99	18.82	18.82	19.40	2
		1	49	18.80	18.85	18.80	19.40	2
		25	0	17.78	17.89	17.87	18.40	3
		25	12	17.84	17.95	17.86	18.40	3
		25	25	17.94	17.89	17.90	18.40	3
		50	0	17.83	17.89	17.79	18.40	3
10	256-QAM	1	0	17.86	17.89	17.98	18.40	3
		1	25	17.84	17.91	17.81	18.40	3
		1	49	17.78	17.88	17.94	18.40	3
		25	0	16.93	16.85	16.83	17.40	4
		25	12	16.73	16.84	16.80	17.40	4
		25	25	16.83	16.84	16.85	17.40	4
		50	0	16.78	16.86	16.82	17.40	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)				3602.5	3650	3697.5		
Channel				43615	44090	44565		
5	QPSK	1	0	20.80	20.91	20.78	21.40	0
		1	12	20.85	20.92	20.75	21.40	0
		1	24	20.80	20.90	20.94	21.40	0
		12	0	19.76	19.85	19.85	20.40	1
		12	6	19.77	19.90	19.89	20.40	1
		12	13	19.84	19.86	19.83	20.40	1
		25	0	19.91	19.85	19.76	20.40	1
5	16-QAM	1	0	19.94	19.84	19.85	20.40	1
		1	12	19.79	19.88	19.92	20.40	1
		1	24	19.90	19.83	19.80	20.40	1
		12	0	18.86	18.99	18.95	19.40	2
		12	6	18.85	18.95	18.82	19.40	2
		12	13	18.94	18.76	18.77	19.40	2
		25	0	18.85	18.95	18.87	19.40	2
5	64-QAM	1	0	18.98	18.97	18.91	19.40	2
		1	12	18.81	18.89	18.96	19.40	2
		1	24	18.81	18.92	18.81	19.40	2
		12	0	17.88	17.90	17.80	18.40	3
		12	6	17.89	17.95	17.74	18.40	3
		12	13	17.86	17.80	17.86	18.40	3
		25	0	17.85	17.84	17.81	18.40	3
5	256-QAM	1	0	17.78	17.87	17.90	18.40	3
		1	12	17.95	17.97	17.77	18.40	3
		1	24	17.89	17.91	17.81	18.40	3
		12	0	16.79	16.80	16.88	17.40	4
		12	6	16.87	16.81	16.82	17.40	4
		12	13	16.83	16.92	16.77	17.40	4
		25	0	17.00	17.01	16.83	17.40	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	21.30	21.39	21.38	21.42	22.00	0
		1	50	21.26	21.30	21.11	21.13	22.00	0
		1	99	21.20	21.07	21.18	21.16	22.00	0
		50	0	20.31	20.23	20.10	20.32	21.00	1
		50	25	20.13	20.14	20.31	20.33	21.00	1
		50	50	20.28	20.10	20.15	20.18	21.00	1
		100	0	20.35	20.28	20.33	20.26	21.00	1
20	16-QAM	1	0	20.05	20.25	20.07	20.31	21.00	1
		1	50	20.29	20.28	20.30	20.32	21.00	1
		1	99	20.05	20.24	20.24	20.25	21.00	1
		50	0	19.20	19.15	19.17	19.16	20.00	2
		50	25	19.16	19.12	19.28	19.26	20.00	2
		50	50	19.15	19.28	19.20	19.27	20.00	2
		100	0	19.00	19.31	19.22	19.39	20.00	2
20	64-QAM	1	0	19.17	19.13	19.09	19.33	20.00	2
		1	50	19.18	19.23	19.31	19.14	20.00	2
		1	99	19.09	19.26	19.26	19.35	20.00	2
		50	0	18.31	18.15	18.10	18.08	19.00	3
		50	25	18.16	18.17	18.17	18.15	19.00	3
		50	50	18.26	18.16	18.27	18.28	19.00	3
		100	0	18.22	18.19	18.11	18.23	19.00	3
20	256-QAM	1	0	18.16	18.24	18.38	18.22	19.00	3
		1	50	18.04	18.08	18.18	18.18	19.00	3
		1	99	18.07	18.14	18.16	18.41	19.00	3
		50	0	17.11	17.20	17.19	17.32	18.00	4
		50	25	16.98	17.09	17.17	17.25	18.00	4
		50	50	17.16	17.10	17.27	17.23	18.00	4
		100	0	16.96	17.31	17.22	17.14	18.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	21.14	21.23	21.31	21.30	22.00	0
		1	36	21.23	21.16	20.95	20.98	22.00	0
		1	74	21.18	20.89	21.17	21.10	22.00	0
		36	0	20.30	20.18	20.03	20.29	21.00	1
		36	18	20.01	20.04	20.18	20.25	21.00	1
		36	37	20.22	19.98	20.12	20.10	21.00	1
		75	0	20.35	20.24	20.30	20.26	21.00	1
15	16-QAM	1	0	19.92	20.25	19.89	20.24	21.00	1
		1	36	20.25	20.20	20.15	20.22	21.00	1
		1	74	19.91	20.07	20.11	20.08	21.00	1
		36	0	19.07	19.02	19.11	19.16	20.00	2
		36	18	19.00	19.08	19.21	19.23	20.00	2
		36	37	19.09	19.09	19.08	19.12	20.00	2
		75	0	18.95	19.31	19.19	19.28	20.00	2
15	64-QAM	1	0	19.13	19.02	19.00	19.16	20.00	2
		1	36	19.03	19.16	19.17	19.02	20.00	2
		1	74	19.05	19.15	19.21	19.17	20.00	2
		36	0	18.17	17.97	18.08	18.00	19.00	3
		36	18	18.02	18.04	18.01	18.12	19.00	3
		36	37	18.22	18.11	18.14	18.14	19.00	3
		75	0	18.07	18.04	18.10	18.22	19.00	3
15	256-QAM	1	0	18.01	18.13	18.34	18.13	19.00	3
		1	36	17.86	18.00	17.99	18.11	19.00	3
		1	74	18.07	17.99	18.01	18.34	19.00	3
		36	0	16.99	17.11	17.07	17.25	18.00	4
		36	18	16.85	16.95	17.00	17.15	18.00	4
		36	37	17.11	17.04	17.16	17.16	18.00	4
		75	0	16.91	17.12	17.07	17.13	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	21.19	21.36	21.24	21.29	22.00	0
		1	25	21.22	21.22	21.02	21.02	22.00	0
		1	49	21.18	20.88	21.10	20.99	22.00	0
		25	0	20.30	20.08	19.94	20.17	21.00	1
		25	12	20.04	20.01	20.24	20.33	21.00	1
		25	25	20.27	20.08	20.14	20.10	21.00	1
		50	0	20.35	20.25	20.18	20.10	21.00	1
10	16-QAM	1	0	20.03	20.14	20.05	20.20	21.00	1
		1	25	20.16	20.25	20.18	20.18	21.00	1
		1	49	20.04	20.14	20.20	20.12	21.00	1
		25	0	19.19	19.08	19.08	19.08	20.00	2
		25	12	19.10	18.98	19.27	19.08	20.00	2
		25	25	19.07	19.13	19.15	19.20	20.00	2
		50	0	18.87	19.31	19.22	19.35	20.00	2
10	64-QAM	1	0	19.15	18.96	19.02	19.17	20.00	2
		1	25	19.00	19.08	19.21	19.11	20.00	2
		1	49	18.98	19.24	19.23	19.22	20.00	2
		25	0	18.28	18.02	17.94	17.94	19.00	3
		25	12	18.07	18.15	18.00	18.06	19.00	3
		25	25	18.16	18.07	18.10	18.17	19.00	3
		50	0	18.15	18.13	18.07	18.22	19.00	3
10	256-QAM	1	0	18.00	18.23	18.30	18.13	19.00	3
		1	25	17.86	17.90	18.10	18.09	19.00	3
		1	49	17.88	18.10	18.06	18.33	19.00	3
		25	0	16.97	17.10	17.03	17.15	18.00	4
		25	12	16.81	16.95	17.08	17.10	18.00	4
		25	25	16.97	17.08	17.22	17.17	18.00	4
		50	0	16.82	17.12	17.18	17.09	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	21.15	21.31	21.25	21.42	22.00	0
		1	12	21.25	21.13	21.11	20.94	22.00	0
		1	24	21.19	20.94	21.00	21.04	22.00	0
		12	0	20.16	20.13	20.05	20.19	21.00	1
		12	6	19.96	20.00	20.25	20.19	21.00	1
		12	13	20.15	20.03	20.12	20.14	21.00	1
		25	0	20.29	20.16	20.17	20.19	21.00	1
5	16-QAM	1	0	20.05	20.24	19.89	20.17	21.00	1
		1	12	20.15	20.25	20.18	20.13	21.00	1
		1	24	19.90	20.14	20.18	20.17	21.00	1
		12	0	19.18	19.04	19.11	19.16	20.00	2
		12	6	19.05	18.97	19.25	19.24	20.00	2
		12	13	18.96	19.25	19.13	19.12	20.00	2
		25	0	18.95	19.22	19.05	19.32	20.00	2
5	64-QAM	1	0	19.12	19.03	18.99	19.14	20.00	2
		1	12	19.05	19.07	19.30	19.01	20.00	2
		1	24	19.07	19.21	19.19	19.20	20.00	2
		12	0	18.19	17.96	17.99	18.02	19.00	3
		12	6	18.09	17.99	18.02	18.03	19.00	3
		12	13	18.23	18.09	18.26	18.17	19.00	3
		25	0	18.20	18.14	17.94	18.23	19.00	3
5	256-QAM	1	0	18.13	18.12	18.32	18.13	19.00	3
		1	12	17.87	18.08	18.03	18.03	19.00	3
		1	24	17.97	18.00	17.99	18.23	19.00	3
		12	0	16.95	17.05	17.08	17.18	18.00	4
		12	6	16.88	16.91	17.04	17.15	18.00	4
		12	13	16.98	17.09	17.27	17.08	18.00	4
		25	0	16.78	17.12	17.15	17.06	18.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	15.13	14.72	14.80	14.59	14.64	15.50	0
		1	50	14.96	14.44	14.66	14.47	14.36	15.50	0
		1	99	14.98	14.61	14.72	14.46	14.44	15.50	0
		50	0	13.84	13.52	13.56	13.42	13.49	14.50	1
		50	25	14.09	13.54	13.70	13.52	13.58	14.50	1
		50	50	13.90	13.52	13.58	13.49	13.51	14.50	1
		100	0	14.03	13.58	13.63	13.52	13.42	14.50	1
20	16-QAM	1	0	14.02	13.64	13.60	13.40	13.36	14.50	1
		1	50	13.97	13.66	13.73	13.33	13.52	14.50	1
		1	99	14.10	13.61	13.67	13.45	13.59	14.50	1
		50	0	12.92	12.65	12.55	12.43	12.43	13.50	2
		50	25	12.96	12.55	12.74	12.35	12.41	13.50	2
		50	50	12.86	12.56	12.61	12.44	12.48	13.50	2
		100	0	12.95	12.55	12.65	12.43	12.38	13.50	2
20	64-QAM	1	0	13.06	12.42	12.74	12.36	12.40	13.50	2
		1	50	12.98	12.55	12.55	12.45	12.40	13.50	2
		1	99	12.95	12.54	12.57	12.46	12.39	13.50	2
		50	0	12.01	11.47	11.68	11.44	11.44	12.50	3
		50	25	12.04	11.42	11.67	11.37	11.42	12.50	3
		50	50	12.06	11.56	11.62	11.55	11.62	12.50	3
		100	0	11.93	11.58	11.52	11.43	11.39	12.50	3
20	256-QAM	1	0	11.97	11.68	11.71	11.34	11.49	12.50	3
		1	50	11.92	11.55	11.67	11.48	11.43	12.50	3
		1	99	12.04	11.58	11.70	11.39	11.45	12.50	3
		50	0	10.93	10.51	10.74	10.43	10.51	11.50	4
		50	25	11.03	10.67	10.51	10.42	10.50	11.50	4
		50	50	11.04	10.56	10.61	10.41	10.53	11.50	4
		100	0	10.91	10.60	10.68	10.43	10.47	11.50	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	15.04	14.58	14.61	14.43	14.36	15.50	0
		1	36	14.91	14.50	14.57	14.53	14.57	15.50	0
		1	74	14.98	14.67	14.53	14.50	14.51	15.50	0
		36	0	13.97	13.59	13.66	13.49	13.51	14.50	1
		36	18	13.87	13.61	13.64	13.41	13.47	14.50	1
		36	37	14.03	13.57	13.57	13.44	13.42	14.50	1
		75	0	13.90	13.51	13.71	13.50	13.42	14.50	1
15	16-QAM	1	0	14.07	13.55	13.60	13.36	13.42	14.50	1
		1	36	13.94	13.64	13.63	13.41	13.56	14.50	1
		1	74	14.00	13.57	13.70	13.37	13.43	14.50	1
		36	0	13.00	12.53	12.60	12.44	12.50	13.50	2
		36	18	13.03	12.54	12.73	12.39	12.48	13.50	2
		36	37	13.08	12.61	12.71	12.37	12.50	13.50	2
		75	0	13.08	12.53	12.60	12.44	12.53	13.50	2
15	64-QAM	1	0	13.01	12.54	12.62	12.34	12.51	13.50	2
		1	36	13.02	12.57	12.64	12.56	12.57	13.50	2
		1	74	12.90	12.67	12.78	12.44	12.53	13.50	2
		36	0	11.91	11.55	11.60	11.45	11.47	12.50	3
		36	18	11.95	11.59	11.61	11.50	11.48	12.50	3
		36	37	12.05	11.61	11.57	11.47	11.54	12.50	3
		75	0	11.99	11.57	11.60	11.50	11.52	12.50	3
15	256-QAM	1	0	12.02	11.51	11.60	11.49	11.46	12.50	3
		1	36	11.94	11.58	11.76	11.33	11.38	12.50	3
		1	74	11.96	11.59	11.61	11.35	11.47	12.50	3
		36	0	10.95	10.61	10.62	10.46	10.42	11.50	4
		36	18	11.03	10.50	10.67	10.47	10.49	11.50	4
		36	37	10.96	10.51	10.61	10.37	10.49	11.50	4
		75	0	10.95	10.57	10.64	10.46	10.52	11.50	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	14.93	14.61	14.57	14.46	14.43	15.50	0
		1	25	14.97	14.56	14.64	14.40	14.42	15.50	0
		1	49	14.89	14.59	14.75	14.33	14.49	15.50	0
		25	0	14.01	13.57	13.56	13.45	13.55	14.50	1
		25	12	13.89	13.53	13.71	13.44	13.36	14.50	1
		25	25	13.91	13.48	13.56	13.43	13.53	14.50	1
		50	0	13.99	13.55	13.67	13.43	13.60	14.50	1
10	16-QAM	1	0	13.94	13.54	13.69	13.40	13.47	14.50	1
		1	25	13.88	13.63	13.66	13.36	13.51	14.50	1
		1	49	13.98	13.49	13.54	13.54	13.59	14.50	1
		25	0	12.98	12.56	12.60	12.52	12.41	13.50	2
		25	12	12.94	12.62	12.67	12.49	12.49	13.50	2
		25	25	13.02	12.57	12.70	12.47	12.48	13.50	2
		50	0	12.88	12.59	12.64	12.41	12.55	13.50	2
10	64-QAM	1	0	13.05	12.55	12.67	12.52	12.52	13.50	2
		1	25	12.96	12.68	12.57	12.51	12.54	13.50	2
		1	49	12.94	12.46	12.52	12.45	12.43	13.50	2
		25	0	11.92	11.43	11.76	11.44	11.53	12.50	3
		25	12	12.03	11.69	11.54	11.39	11.47	12.50	3
		25	25	11.94	11.60	11.63	11.45	11.58	12.50	3
		50	0	12.04	11.55	11.67	11.45	11.57	12.50	3
10	256-QAM	1	0	11.98	11.56	11.65	11.35	11.49	12.50	3
		1	25	12.05	11.62	11.75	11.47	11.47	12.50	3
		1	49	11.89	11.54	11.57	11.48	11.46	12.50	3
		25	0	10.94	10.54	10.59	10.36	10.50	11.50	4
		25	12	10.95	10.51	10.60	10.43	10.43	11.50	4
		25	25	10.98	10.49	10.67	10.53	10.43	11.50	4
		50	0	10.97	10.59	10.57	10.36	10.47	11.50	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	14.97	14.48	14.69	14.48	14.56	15.50	0
		1	12	14.94	14.61	14.64	14.45	14.50	15.50	0
		1	24	14.83	14.63	14.69	14.44	14.44	15.50	0
		12	0	13.99	13.58	13.59	13.39	13.49	14.50	1
		12	6	13.98	13.50	13.62	13.34	13.54	14.50	1
		12	13	13.98	13.55	13.58	13.36	13.51	14.50	1
		25	0	14.06	13.59	13.60	13.44	13.53	14.50	1
5	16-QAM	1	0	13.95	13.61	13.52	13.45	13.42	14.50	1
		1	12	13.89	13.55	13.65	13.35	13.48	14.50	1
		1	24	13.94	13.61	13.73	13.42	13.46	14.50	1
		12	0	13.07	12.64	12.64	12.51	12.43	13.50	2
		12	6	12.99	12.57	12.63	12.41	12.45	13.50	2
		12	13	13.09	12.52	12.69	12.40	12.38	13.50	2
		25	0	12.98	12.58	12.65	12.36	12.50	13.50	2
5	64-QAM	1	0	13.03	12.69	12.71	12.37	12.54	13.50	2
		1	12	13.00	12.61	12.76	12.51	12.49	13.50	2
		1	24	12.93	12.47	12.61	12.52	12.59	13.50	2
		12	0	11.91	11.61	11.60	11.44	11.50	12.50	3
		12	6	11.95	11.57	11.63	11.49	11.50	12.50	3
		12	13	11.90	11.57	11.71	11.54	11.47	12.50	3
		25	0	11.99	11.52	11.71	11.46	11.44	12.50	3
5	256-QAM	1	0	11.99	11.48	11.78	11.44	11.46	12.50	3
		1	12	11.88	11.65	11.52	11.33	11.54	12.50	3
		1	24	11.98	11.47	11.64	11.53	11.50	12.50	3
		12	0	11.10	10.59	10.68	10.36	10.57	11.50	4
		12	6	10.99	10.65	10.61	10.49	10.41	11.50	4
		12	13	11.06	10.58	10.70	10.37	10.53	11.50	4
		25	0	11.03	10.53	10.68	10.37	10.46	11.50	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	14.28	14.34	14.35	14.50	0
		1	50	14.22	14.06	14.31	14.50	0
		1	99	14.07	14.12	14.30	14.50	0
		50	0	13.13	13.11	13.28	13.50	1
		50	25	13.15	13.21	13.20	13.50	1
		50	50	13.11	13.26	13.11	13.50	1
		100	0	13.04	13.27	13.15	13.50	1
20	16-QAM	1	0	13.21	13.24	13.15	13.50	1
		1	50	13.05	13.19	13.27	13.50	1
		1	99	13.10	13.22	13.22	13.50	1
		50	0	12.15	12.31	12.27	12.50	2
		50	25	12.18	12.25	12.23	12.50	2
		50	50	12.06	12.18	12.24	12.50	2
		100	0	12.14	12.19	12.24	12.50	2
20	64-QAM	1	0	12.01	12.14	12.30	12.50	2
		1	50	12.16	12.16	12.14	12.50	2
		1	99	12.11	12.26	12.10	12.50	2
		50	0	11.09	11.06	11.33	11.50	3
		50	25	11.17	11.15	11.21	11.50	3
		50	50	11.05	11.21	11.24	11.50	3
		100	0	11.17	11.08	11.11	11.50	3
20	256-QAM	1	0	11.13	11.22	11.09	11.50	3
		1	50	11.05	11.15	11.21	11.50	3
		1	99	11.00	11.28	11.12	11.50	3
		50	0	10.07	10.30	10.19	10.50	4
		50	25	10.12	10.20	10.13	10.50	4
		50	50	10.09	10.22	10.22	10.50	4
		100	0	10.14	10.24	10.32	10.50	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)				3457.5	3500	3542.5		
Channel				42165	42590	43015		
15	QPSK	1	0	14.07	14.08	14.19	14.50	0
		1	36	14.08	14.20	14.10	14.50	0
		1	74	14.14	14.15	14.20	14.50	0
		36	0	13.18	13.18	13.20	13.50	1
		36	18	13.07	13.25	13.19	13.50	1
		36	37	13.06	13.28	13.11	13.50	1
		75	0	13.03	13.14	13.26	13.50	1
15	16-QAM	1	0	13.10	13.18	13.21	13.50	1
		1	36	13.03	13.10	13.16	13.50	1
		1	74	13.06	13.12	13.20	13.50	1
		36	0	12.25	12.14	12.13	12.50	2
		36	18	12.09	12.08	12.19	12.50	2
		36	37	12.17	12.21	12.11	12.50	2
		75	0	12.17	12.15	12.22	12.50	2
15	64-QAM	1	0	12.14	12.23	12.30	12.50	2
		1	36	12.08	12.10	12.08	12.50	2
		1	74	12.10	12.08	12.28	12.50	2
		36	0	11.09	11.16	11.20	11.50	3
		36	18	11.21	11.21	11.14	11.50	3
		36	37	11.16	11.20	11.22	11.50	3
		75	0	11.08	11.20	11.20	11.50	3
15	256-QAM	1	0	11.18	11.23	11.31	11.50	3
		1	36	11.12	11.13	11.32	11.50	3
		1	74	11.17	11.24	11.21	11.50	3
		36	0	10.14	10.20	10.27	10.50	4
		36	18	10.11	10.25	10.30	10.50	4
		36	37	10.18	10.21	10.20	10.50	4
		75	0	10.10	10.22	10.27	10.50	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)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	14.02	14.12	14.19	14.50	0
		1	25	14.24	14.14	14.27	14.50	0
		1	49	14.21	14.18	14.23	14.50	0
		25	0	13.10	13.24	13.28	13.50	1
		25	12	12.99	13.15	13.19	13.50	1
		25	25	13.10	13.12	13.20	13.50	1
		50	0	13.10	13.19	13.23	13.50	1
10	16-QAM	1	0	13.06	13.25	13.23	13.50	1
		1	25	13.19	13.14	13.22	13.50	1
		1	49	13.13	13.29	13.13	13.50	1
		25	0	11.99	12.15	12.19	12.50	2
		25	12	12.04	12.29	12.23	12.50	2
		25	25	12.11	12.13	12.21	12.50	2
		50	0	12.12	12.18	12.19	12.50	2
10	64-QAM	1	0	12.04	12.27	12.07	12.50	2
		1	25	12.02	12.17	12.22	12.50	2
		1	49	12.08	12.21	12.12	12.50	2
		25	0	11.10	11.10	11.18	11.50	3
		25	12	11.02	11.29	11.32	11.50	3
		25	25	11.13	11.23	11.26	11.50	3
		50	0	11.13	11.22	11.25	11.50	3
10	256-QAM	1	0	11.09	11.24	11.17	11.50	3
		1	25	11.02	11.10	11.21	11.50	3
		1	49	11.10	11.23	11.17	11.50	3
		25	0	10.21	10.22	10.20	10.50	4
		25	12	10.10	10.14	10.20	10.50	4
		25	25	10.12	10.06	10.32	10.50	4
		50	0	10.11	10.28	10.24	10.50	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)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	14.15	14.20	14.25	14.50	0
		1	12	14.11	14.24	14.08	14.50	0
		1	24	14.13	14.22	14.21	14.50	0
		12	0	13.11	13.26	13.18	13.50	1
		12	6	13.05	13.13	13.30	13.50	1
		12	13	13.13	13.15	13.24	13.50	1
		25	0	13.12	13.27	13.24	13.50	1
5	16-QAM	1	0	13.10	13.19	13.13	13.50	1
		1	12	13.06	13.13	13.22	13.50	1
		1	24	13.13	13.20	13.22	13.50	1
		12	0	12.12	12.19	12.21	12.50	2
		12	6	12.06	12.28	12.18	12.50	2
		12	13	12.07	12.11	12.16	12.50	2
		25	0	12.15	12.13	12.17	12.50	2
5	64-QAM	1	0	12.06	12.17	12.29	12.50	2
		1	12	11.98	12.29	12.20	12.50	2
		1	24	12.16	12.28	12.16	12.50	2
		12	0	11.17	11.26	11.21	11.50	3
		12	6	11.09	11.22	11.18	11.50	3
		12	13	11.24	11.16	11.17	11.50	3
		25	0	11.08	11.23	11.33	11.50	3
5	256-QAM	1	0	11.23	11.16	11.10	11.50	3
		1	12	11.00	11.14	11.22	11.50	3
		1	24	11.07	11.26	11.28	11.50	3
		12	0	10.19	10.18	10.18	10.50	4
		12	6	10.19	10.19	10.09	10.50	4
		12	13	10.24	10.27	10.25	10.50	4
		25	0	10.18	10.26	10.25	10.50	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	14.47	14.42	14.36	14.50	0
		1	50	14.28	14.30	14.11	14.50	0
		1	99	14.20	14.26	14.23	14.50	0
		50	0	13.23	13.29	13.26	13.50	1
		50	25	13.37	13.28	13.20	13.50	1
		50	50	13.38	13.34	13.21	13.50	1
		100	0	13.25	13.24	13.32	13.50	1
20	16-QAM	1	0	13.32	13.26	13.07	13.50	1
		1	50	13.25	13.25	13.30	13.50	1
		1	99	13.36	13.25	13.22	13.50	1
		50	0	12.21	12.29	12.12	12.50	2
		50	25	12.38	12.21	12.26	12.50	2
		50	50	12.27	12.28	12.19	12.50	2
		100	0	12.30	12.16	12.27	12.50	2
20	64-QAM	1	0	12.23	12.31	12.27	12.50	2
		1	50	12.32	12.22	12.24	12.50	2
		1	99	12.30	12.36	12.24	12.50	2
		50	0	11.32	11.31	11.31	11.50	3
		50	25	11.42	11.27	11.22	11.50	3
		50	50	11.30	11.23	11.19	11.50	3
		100	0	11.29	11.18	11.23	11.50	3
20	256-QAM	1	0	11.36	11.28	11.23	11.50	3
		1	50	11.33	11.31	11.17	11.50	3
		1	99	11.37	11.31	11.12	11.50	3
		50	0	10.39	10.33	10.13	10.50	4
		50	25	10.26	10.21	10.12	10.50	4
		50	50	10.35	10.25	10.12	10.50	4
		100	0	10.25	10.16	10.08	10.50	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	14.25	14.29	14.30	14.50	0
		1	36	14.37	14.36	14.27	14.50	0
		1	74	14.39	14.29	14.27	14.50	0
		36	0	13.35	13.27	13.23	13.50	1
		36	18	13.31	13.16	13.15	13.50	1
		36	37	13.31	13.21	13.16	13.50	1
		75	0	13.36	13.32	13.18	13.50	1
15	16-QAM	1	0	13.26	13.32	13.28	13.50	1
		1	36	13.24	13.20	13.29	13.50	1
		1	74	13.23	13.30	13.28	13.50	1
		36	0	12.22	12.35	12.20	12.50	2
		36	18	12.39	12.22	12.14	12.50	2
		36	37	12.31	12.26	12.19	12.50	2
		75	0	12.24	12.31	12.21	12.50	2
15	64-QAM	1	0	12.34	12.29	12.17	12.50	2
		1	36	12.31	12.29	12.28	12.50	2
		1	74	12.32	12.31	12.17	12.50	2
		36	0	11.29	11.19	11.22	11.50	3
		36	18	11.27	11.25	11.20	11.50	3
		36	37	11.28	11.16	11.25	11.50	3
		75	0	11.17	11.33	11.20	11.50	3
15	256-QAM	1	0	11.41	11.22	11.23	11.50	3
		1	36	11.30	11.24	11.16	11.50	3
		1	74	11.36	11.30	11.24	11.50	3
		36	0	10.29	10.35	10.21	10.50	4
		36	18	10.20	10.39	10.10	10.50	4
		36	37	10.29	10.27	10.30	10.50	4
		75	0	10.39	10.23	10.15	10.50	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	14.40	14.24	14.11	14.50	0
		1	25	14.21	14.31	14.16	14.50	0
		1	49	14.34	14.29	14.13	14.50	0
		25	0	13.27	13.15	13.17	13.50	1
		25	12	13.31	13.29	13.31	13.50	1
		25	25	13.30	13.38	13.20	13.50	1
		50	0	13.40	13.28	13.10	13.50	1
10	16-QAM	1	0	13.31	13.28	13.30	13.50	1
		1	25	13.43	13.26	13.27	13.50	1
		1	49	13.30	13.17	13.17	13.50	1
		25	0	12.38	12.24	12.25	12.50	2
		25	12	12.32	12.24	12.23	12.50	2
		25	25	12.37	12.37	12.27	12.50	2
		50	0	12.26	12.23	12.19	12.50	2
10	64-QAM	1	0	12.26	12.36	12.30	12.50	2
		1	25	12.24	12.24	12.20	12.50	2
		1	49	12.26	12.28	12.21	12.50	2
		25	0	11.21	11.31	11.20	11.50	3
		25	12	11.38	11.26	11.29	11.50	3
		25	25	11.24	11.32	11.16	11.50	3
		50	0	11.24	11.19	11.14	11.50	3
10	256-QAM	1	0	11.36	11.19	11.21	11.50	3
		1	25	11.44	11.34	11.13	11.50	3
		1	49	11.32	11.33	11.11	11.50	3
		25	0	10.33	10.35	10.26	10.50	4
		25	12	10.29	10.23	10.12	10.50	4
		25	25	10.43	10.19	10.18	10.50	4
		50	0	10.29	10.27	10.10	10.50	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	14.26	14.22	14.20	14.50	0
		1	12	14.29	14.22	14.09	14.50	0
		1	24	14.30	14.28	14.18	14.50	0
		12	0	13.28	13.35	13.22	13.50	1
		12	6	13.28	13.26	13.17	13.50	1
		12	13	13.30	13.29	13.25	13.50	1
		25	0	13.21	13.23	13.20	13.50	1
5	16-QAM	1	0	13.31	13.17	13.09	13.50	1
		1	12	13.39	13.30	13.18	13.50	1
		1	24	13.31	13.27	13.20	13.50	1
		12	0	12.40	12.33	12.15	12.50	2
		12	6	12.26	12.24	12.30	12.50	2
		12	13	12.30	12.22	12.11	12.50	2
		25	0	12.35	12.26	12.22	12.50	2
5	64-QAM	1	0	12.37	12.29	12.21	12.50	2
		1	12	12.31	12.17	12.24	12.50	2
		1	24	12.34	12.16	12.24	12.50	2
		12	0	11.33	11.15	11.10	11.50	3
		12	6	11.30	11.23	11.20	11.50	3
		12	13	11.32	11.17	11.11	11.50	3
		25	0	11.36	11.37	11.14	11.50	3
5	256-QAM	1	0	11.26	11.27	11.22	11.50	3
		1	12	11.38	11.26	11.10	11.50	3
		1	24	11.39	11.25	11.24	11.50	3
		12	0	10.19	10.21	10.25	10.50	4
		12	6	10.44	10.20	10.25	10.50	4
		12	13	10.39	10.22	10.18	10.50	4
		25	0	10.20	10.23	10.32	10.50	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	14.31	14.22	14.38	14.37	14.50	0
		1	50	14.19	14.06	14.25	14.30	14.50	0
		1	99	14.10	14.09	14.21	14.20	14.50	0
		50	0	13.24	13.11	13.14	13.24	13.50	1
		50	25	13.20	12.96	13.16	13.15	13.50	1
		50	50	13.12	13.13	13.33	13.23	13.50	1
		100	0	13.10	13.02	13.17	13.20	13.50	1
20	16-QAM	1	0	13.16	13.00	13.24	13.22	13.50	1
		1	50	13.20	13.15	13.24	13.16	13.50	1
		1	99	13.14	12.94	13.14	13.13	13.50	1
		50	0	12.06	11.98	12.20	12.19	12.50	2
		50	25	12.08	12.05	12.21	12.10	12.50	2
		50	50	12.23	12.05	12.16	12.27	12.50	2
		100	0	12.07	11.94	12.13	12.15	12.50	2
20	64-QAM	1	0	12.14	12.02	12.28	12.23	12.50	2
		1	50	12.18	12.17	12.15	12.35	12.50	2
		1	99	12.16	12.18	12.31	12.14	12.50	2
		50	0	11.20	11.01	11.10	11.18	11.50	3
		50	25	11.13	10.95	11.23	11.15	11.50	3
		50	50	11.14	11.10	11.14	11.23	11.50	3
		100	0	11.10	10.97	11.22	11.18	11.50	3
20	256-QAM	1	0	11.14	11.06	11.26	11.08	11.50	3
		1	50	11.11	11.01	11.34	11.28	11.50	3
		1	99	11.24	11.04	11.17	11.19	11.50	3
		50	0	10.16	10.18	10.17	10.27	10.50	4
		50	25	10.03	10.05	10.20	10.17	10.50	4
		50	50	10.23	10.18	10.27	10.27	10.50	4
		100	0	10.13	10.01	10.34	10.21	10.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	14.14	14.18	14.21	14.24	14.50	0
		1	36	14.17	14.20	14.34	14.12	14.50	0
		1	74	14.15	14.06	14.17	14.14	14.50	0
		36	0	13.14	12.99	13.18	13.21	13.50	1
		36	18	13.05	13.04	13.11	13.14	13.50	1
		36	37	13.21	13.07	13.23	13.26	13.50	1
		75	0	13.09	13.06	13.08	13.10	13.50	1
15	16-QAM	1	0	13.08	13.01	13.25	13.22	13.50	1
		1	36	13.08	13.08	13.36	13.21	13.50	1
		1	74	13.15	13.00	13.19	13.17	13.50	1
		36	0	12.20	12.10	12.31	12.17	12.50	2
		36	18	12.15	12.05	12.32	12.25	12.50	2
		36	37	12.15	11.99	12.26	12.10	12.50	2
		75	0	12.19	12.12	12.20	12.11	12.50	2
15	64-QAM	1	0	12.07	11.93	12.23	12.21	12.50	2
		1	36	12.10	12.01	12.23	12.20	12.50	2
		1	74	12.09	12.08	12.27	12.24	12.50	2
		36	0	11.18	11.06	11.24	11.21	11.50	3
		36	18	11.25	10.93	11.20	11.27	11.50	3
		36	37	11.24	11.15	11.24	11.32	11.50	3
		75	0	11.16	11.11	11.17	11.14	11.50	3
15	256-QAM	1	0	11.20	11.00	11.15	11.27	11.50	3
		1	36	11.25	11.15	11.22	11.18	11.50	3
		1	74	11.01	11.16	11.22	11.22	11.50	3
		36	0	10.12	9.96	10.26	10.22	10.50	4
		36	18	10.20	10.10	10.33	10.24	10.50	4
		36	37	10.19	9.97	10.11	10.22	10.50	4
		75	0	10.12	9.95	10.26	10.24	10.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
Channel				55290	55815	56165	56690		
10	QPSK	1	0	14.10	13.97	14.31	14.22	14.50	0
		1	25	14.14	14.07	14.22	14.16	14.50	0
		1	49	14.17	14.06	14.25	14.24	14.50	0
		25	0	13.15	13.02	13.31	13.15	13.50	1
		25	12	13.24	13.01	13.09	13.16	13.50	1
		25	25	13.06	13.20	13.23	13.27	13.50	1
		50	0	13.16	12.94	13.13	13.20	13.50	1
10	16-QAM	1	0	13.14	13.10	13.18	13.25	13.50	1
		1	25	13.26	13.10	13.32	13.32	13.50	1
		1	49	13.10	13.18	13.28	13.31	13.50	1
		25	0	12.03	12.03	12.23	12.23	12.50	2
		25	12	12.09	12.05	12.31	12.10	12.50	2
		25	25	12.10	11.99	12.26	12.31	12.50	2
		50	0	12.18	12.06	12.18	12.27	12.50	2
10	64-QAM	1	0	12.19	12.09	12.26	12.25	12.50	2
		1	25	12.14	12.00	12.26	12.26	12.50	2
		1	49	12.05	12.07	12.21	12.20	12.50	2
		25	0	11.11	11.06	11.19	11.33	11.50	3
		25	12	11.23	11.11	11.29	11.34	11.50	3
		25	25	11.15	11.10	11.22	11.24	11.50	3
		50	0	11.11	11.01	11.22	11.19	11.50	3
10	256-QAM	1	0	11.22	11.10	11.26	11.15	11.50	3
		1	25	11.12	10.92	11.10	11.13	11.50	3
		1	49	11.08	11.09	11.12	11.22	11.50	3
		25	0	10.15	10.11	10.19	10.13	10.50	4
		25	12	10.14	10.00	10.18	10.23	10.50	4
		25	25	10.10	10.07	10.21	10.24	10.50	4
		50	0	10.20	10.06	10.29	10.30	10.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
Channel				55265	55810	56170	56715		
5	QPSK	1	0	14.22	14.14	14.19	14.29	14.50	0
		1	12	14.23	13.99	14.13	14.26	14.50	0
		1	24	14.06	14.03	14.23	14.09	14.50	0
		12	0	13.16	13.05	13.18	13.26	13.50	1
		12	6	13.20	13.02	13.17	13.17	13.50	1
		12	13	13.24	13.07	13.22	13.23	13.50	1
		25	0	13.09	13.03	13.17	13.18	13.50	1
5	16-QAM	1	0	13.23	13.03	13.11	13.25	13.50	1
		1	12	13.13	13.14	13.17	13.09	13.50	1
		1	24	13.20	13.04	13.17	13.14	13.50	1
		12	0	12.03	12.14	12.23	12.17	12.50	2
		12	6	12.21	12.16	12.16	12.29	12.50	2
		12	13	12.03	12.07	12.26	12.16	12.50	2
		25	0	12.20	12.08	12.25	12.21	12.50	2
5	64-QAM	1	0	12.11	11.92	12.29	12.19	12.50	2
		1	12	12.15	12.18	12.29	12.30	12.50	2
		1	24	12.10	11.97	12.15	12.18	12.50	2
		12	0	11.20	11.10	11.18	11.24	11.50	3
		12	6	11.18	11.12	11.27	11.21	11.50	3
		12	13	11.04	10.94	11.13	11.25	11.50	3
		25	0	11.08	11.10	11.29	11.25	11.50	3
5	256-QAM	1	0	11.16	11.07	11.12	11.28	11.50	3
		1	12	11.17	11.11	11.13	11.11	11.50	3
		1	24	11.13	11.08	11.21	11.25	11.50	3
		12	0	10.14	10.14	10.13	10.17	10.50	4
		12	6	10.19	10.03	10.32	10.12	10.50	4
		12	13	10.06	10.09	10.24	10.11	10.50	4
		25	0	10.18	9.98	10.18	10.19	10.50	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)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	17.96	17.92	17.91	18.00	0
		1	50	17.67	17.66	17.85	18.00	0
		1	99	17.76	17.70	17.72	18.00	0
		50	0	16.81	16.73	16.74	17.00	1
		50	25	16.86	16.75	16.62	17.00	1
		50	50	16.78	16.74	16.68	17.00	1
		100	0	16.71	16.68	16.81	17.00	1
20	16-QAM	1	0	16.70	16.80	16.84	17.00	1
		1	50	16.83	16.72	16.65	17.00	1
		1	99	16.77	16.81	16.79	17.00	1
		50	0	15.68	15.78	15.79	16.00	2
		50	25	15.74	15.78	15.65	16.00	2
		50	50	15.87	15.74	15.79	16.00	2
		100	0	15.79	15.73	15.73	16.00	2
20	64-QAM	1	0	15.82	15.85	15.76	16.00	2
		1	50	15.77	15.74	15.71	16.00	2
		1	99	15.80	15.70	15.74	16.00	2
		50	0	14.83	14.79	14.69	15.00	3
		50	25	14.79	14.82	14.79	15.00	3
		50	50	14.73	14.78	14.67	15.00	3
		100	0	14.81	14.75	14.72	15.00	3
20	256-QAM	1	0	14.82	14.71	14.85	15.00	3
		1	50	14.87	14.75	14.78	15.00	3
		1	99	14.74	14.75	14.74	15.00	3
		50	0	13.75	13.85	13.70	14.00	4
		50	25	13.83	13.70	13.87	14.00	4
		50	50	13.75	13.79	13.86	14.00	4
		100	0	13.83	13.77	13.78	14.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				37825	38000	38175		
15	QPSK	1	0	17.90	17.70	17.73	18.00	0
		1	36	17.71	17.83	17.84	18.00	0
		1	74	17.88	17.78	17.81	18.00	0
		36	0	16.83	16.66	16.79	17.00	1
		36	18	16.78	16.75	16.70	17.00	1
		36	37	16.68	16.70	16.68	17.00	1
		75	0	16.68	16.84	16.71	17.00	1
15	16-QAM	1	0	16.78	16.69	16.79	17.00	1
		1	36	16.76	16.69	16.73	17.00	1
		1	74	16.82	16.83	16.76	17.00	1
		36	0	15.91	15.74	15.80	16.00	2
		36	18	15.75	15.80	15.74	16.00	2
		36	37	15.79	15.70	15.63	16.00	2
		75	0	15.79	15.76	15.76	16.00	2
15	64-QAM	1	0	15.87	15.74	15.80	16.00	2
		1	36	15.82	15.79	15.80	16.00	2
		1	74	15.76	15.86	15.66	16.00	2
		36	0	14.79	14.82	14.78	15.00	3
		36	18	14.84	14.81	14.69	15.00	3
		36	37	14.73	14.85	14.80	15.00	3
		75	0	14.84	14.79	14.70	15.00	3
15	256-QAM	1	0	14.82	14.77	14.70	15.00	3
		1	36	14.77	14.83	14.73	15.00	3
		1	74	14.83	14.77	14.67	15.00	3
		36	0	13.82	13.81	13.79	14.00	4
		36	18	13.82	13.76	13.71	14.00	4
		36	37	13.82	13.73	13.73	14.00	4
		75	0	13.73	13.83	13.83	14.00	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	17.89	17.68	17.73	18.00	0
		1	25	17.83	17.65	17.71	18.00	0
		1	49	17.67	17.74	17.72	18.00	0
		25	0	16.83	16.73	16.85	17.00	1
		25	12	16.81	16.78	16.76	17.00	1
		25	25	16.77	16.78	16.75	17.00	1
		50	0	16.82	16.84	16.72	17.00	1
10	16-QAM	1	0	16.88	16.76	16.80	17.00	1
		1	25	16.80	16.79	16.69	17.00	1
		1	49	16.85	16.75	16.67	17.00	1
		25	0	15.76	15.76	15.67	16.00	2
		25	12	15.67	15.70	15.74	16.00	2
		25	25	15.87	15.68	15.75	16.00	2
		50	0	15.86	15.70	15.67	16.00	2
10	64-QAM	1	0	15.90	15.81	15.79	16.00	2
		1	25	15.87	15.86	15.67	16.00	2
		1	49	15.84	15.74	15.82	16.00	2
		25	0	14.93	14.80	14.73	15.00	3
		25	12	14.74	14.81	14.73	15.00	3
		25	25	14.94	14.71	14.73	15.00	3
		50	0	14.90	14.73	14.84	15.00	3
10	256-QAM	1	0	14.75	14.75	14.67	15.00	3
		1	25	14.75	14.70	14.84	15.00	3
		1	49	14.75	14.81	14.67	15.00	3
		25	0	13.71	13.65	13.79	14.00	4
		25	12	13.81	13.66	13.77	14.00	4
		25	25	13.79	13.88	13.66	14.00	4
		50	0	13.84	13.63	13.74	14.00	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	17.84	17.69	17.74	18.00	0
		1	12	17.77	17.78	17.76	18.00	0
		1	24	17.83	17.72	17.77	18.00	0
		12	0	16.75	16.82	16.80	17.00	1
		12	6	16.79	16.78	16.71	17.00	1
		12	13	16.70	16.70	16.69	17.00	1
		25	0	16.72	16.68	16.77	17.00	1
5	16-QAM	1	0	16.71	16.70	16.82	17.00	1
		1	12	16.87	16.78	16.83	17.00	1
		1	24	16.80	16.64	16.77	17.00	1
		12	0	15.80	15.88	15.75	16.00	2
		12	6	15.87	15.68	15.68	16.00	2
		12	13	15.76	15.73	15.67	16.00	2
		25	0	15.75	15.74	15.70	16.00	2
5	64-QAM	1	0	15.76	15.71	15.72	16.00	2
		1	12	15.87	15.70	15.77	16.00	2
		1	24	15.74	15.72	15.75	16.00	2
		12	0	14.77	14.65	14.78	15.00	3
		12	6	14.80	14.69	14.67	15.00	3
		12	13	14.73	14.79	14.83	15.00	3
		25	0	14.89	14.78	14.63	15.00	3
5	256-QAM	1	0	14.79	14.77	14.68	15.00	3
		1	12	14.81	14.78	14.78	15.00	3
		1	24	14.82	14.67	14.70	15.00	3
		12	0	13.86	13.86	13.75	14.00	4
		12	6	13.89	13.70	13.83	14.00	4
		12	13	13.68	13.87	13.74	14.00	4
		25	0	13.83	13.87	13.86	14.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	16.66	16.76	16.50	16.61	16.47	17.00	0
		1	50	16.49	16.63	16.29	16.49	16.40	17.00	0
		1	99	16.41	16.61	16.34	16.40	16.27	17.00	0
		50	0	15.49	15.54	15.25	15.48	15.19	16.00	1
		50	25	15.45	15.73	15.43	15.52	15.24	16.00	1
		50	50	15.54	15.51	15.30	15.50	15.42	16.00	1
		100	0	15.52	15.64	15.28	15.42	15.43	16.00	1
20	16-QAM	1	0	15.37	15.67	15.43	15.47	15.38	16.00	1
		1	50	15.44	15.50	15.42	15.50	15.23	16.00	1
		1	99	15.62	15.58	15.46	15.39	15.38	16.00	1
		50	0	14.42	14.61	14.30	14.43	14.37	15.00	2
		50	25	14.45	14.57	14.34	14.58	14.38	15.00	2
		50	50	14.51	14.52	14.26	14.48	14.31	15.00	2
		100	0	14.51	14.55	14.33	14.54	14.17	15.00	2
20	64-QAM	1	0	14.53	14.56	14.38	14.35	14.45	15.00	2
		1	50	14.49	14.54	14.27	14.39	14.22	15.00	2
		1	99	14.49	14.49	14.31	14.46	14.26	15.00	2
		50	0	13.62	13.68	13.35	13.55	13.29	14.00	3
		50	25	13.46	13.49	13.48	13.45	13.36	14.00	3
		50	50	13.46	13.55	13.39	13.45	13.29	14.00	3
		100	0	13.55	13.61	13.27	13.46	13.30	14.00	3
20	256-QAM	1	0	13.46	13.47	13.28	13.40	13.34	14.00	3
		1	50	13.51	13.65	13.32	13.50	13.40	14.00	3
		1	99	13.40	13.58	13.23	13.44	13.28	14.00	3
		50	0	12.55	12.67	12.33	12.57	12.43	13.00	4
		50	25	12.55	12.52	12.32	12.47	12.41	13.00	4
		50	50	12.51	12.58	12.23	12.46	12.27	13.00	4
		100	0	12.53	12.54	12.43	12.35	12.34	13.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	16.56	16.61	16.26	16.42	16.37	17.00	0
		1	36	16.47	16.54	16.36	16.46	16.21	17.00	0
		1	74	16.50	16.61	16.20	16.38	16.21	17.00	0
		36	0	15.44	15.62	15.25	15.38	15.35	16.00	1
		36	18	15.61	15.70	15.32	15.43	15.41	16.00	1
		36	37	15.62	15.57	15.33	15.39	15.26	16.00	1
		75	0	15.47	15.62	15.38	15.52	15.38	16.00	1
15	16-QAM	1	0	15.58	15.56	15.29	15.54	15.27	16.00	1
		1	36	15.48	15.59	15.37	15.37	15.38	16.00	1
		1	74	15.55	15.58	15.44	15.36	15.43	16.00	1
		36	0	14.53	14.57	14.41	14.42	14.18	15.00	2
		36	18	14.51	14.56	14.36	14.53	14.29	15.00	2
		36	37	14.41	14.59	14.38	14.49	14.27	15.00	2
		75	0	14.39	14.65	14.32	14.44	14.32	15.00	2
15	64-QAM	1	0	14.61	14.66	14.35	14.52	14.24	15.00	2
		1	36	14.53	14.58	14.31	14.41	14.25	15.00	2
		1	74	14.40	14.49	14.39	14.49	14.29	15.00	2
		36	0	13.43	13.69	13.43	13.35	13.33	14.00	3
		36	18	13.57	13.64	13.41	13.49	13.40	14.00	3
		36	37	13.58	13.68	13.28	13.38	13.33	14.00	3
		75	0	13.46	13.62	13.29	13.47	13.27	14.00	3
15	256-QAM	1	0	13.44	13.66	13.40	13.34	13.35	14.00	3
		1	36	13.53	13.58	13.24	13.50	13.33	14.00	3
		1	74	13.52	13.52	13.30	13.44	13.26	14.00	3
		36	0	12.50	12.56	12.32	12.45	12.24	13.00	4
		36	18	12.49	12.60	12.35	12.47	12.24	13.00	4
		36	37	12.54	12.47	12.25	12.51	12.19	13.00	4
		75	0	12.49	12.67	12.25	12.39	12.28	13.00	4

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Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	16.45	16.61	16.24	16.47	16.38	17.00	0
		1	25	16.46	16.70	16.40	16.52	16.42	17.00	0
		1	49	16.50	16.55	16.27	16.49	16.25	17.00	0
		25	0	15.48	15.54	15.36	15.50	15.42	16.00	1
		25	12	15.63	15.53	15.34	15.47	15.34	16.00	1
		25	25	15.60	15.68	15.22	15.44	15.23	16.00	1
		50	0	15.46	15.62	15.40	15.42	15.32	16.00	1
10	16-QAM	1	0	15.40	15.55	15.32	15.46	15.34	16.00	1
		1	25	15.36	15.70	15.34	15.54	15.34	16.00	1
		1	49	15.54	15.62	15.46	15.46	15.34	16.00	1
		25	0	14.40	14.60	14.35	14.44	14.29	15.00	2
		25	12	14.53	14.59	14.24	14.40	14.32	15.00	2
		25	25	14.52	14.63	14.33	14.53	14.37	15.00	2
		50	0	14.51	14.52	14.29	14.52	14.32	15.00	2
10	64-QAM	1	0	14.51	14.59	14.36	14.42	14.31	15.00	2
		1	25	14.54	14.62	14.33	14.43	14.31	15.00	2
		1	49	14.59	14.63	14.20	14.47	14.25	15.00	2
		25	0	13.50	13.73	13.33	13.50	13.31	14.00	3
		25	12	13.53	13.66	13.37	13.34	13.23	14.00	3
		25	25	13.44	13.56	13.41	13.43	13.33	14.00	3
		50	0	13.58	13.62	13.42	13.53	13.22	14.00	3
10	256-QAM	1	0	13.47	13.62	13.30	13.51	13.33	14.00	3
		1	25	13.48	13.59	13.36	13.54	13.28	14.00	3
		1	49	13.60	13.58	13.25	13.55	13.31	14.00	3
		25	0	12.54	12.64	12.33	12.37	12.31	13.00	4
		25	12	12.58	12.59	12.33	12.41	12.22	13.00	4
		25	25	12.44	12.69	12.44	12.38	12.23	13.00	4
		50	0	12.45	12.60	12.37	12.47	12.38	13.00	4

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	16.51	16.59	16.44	16.54	16.34	17.00	0
		1	12	16.55	16.66	16.30	16.50	16.25	17.00	0
		1	24	16.64	16.65	16.31	16.41	16.36	17.00	0
		12	0	15.42	15.63	15.37	15.41	15.31	16.00	1
		12	6	15.45	15.59	15.30	15.48	15.19	16.00	1
		12	13	15.60	15.64	15.47	15.55	15.36	16.00	1
		25	0	15.38	15.54	15.28	15.45	15.30	16.00	1
5	16-QAM	1	0	15.42	15.64	15.32	15.52	15.31	16.00	1
		1	12	15.39	15.51	15.45	15.58	15.24	16.00	1
		1	24	15.49	15.56	15.33	15.48	15.34	16.00	1
		12	0	14.36	14.54	14.36	14.46	14.40	15.00	2
		12	6	14.54	14.61	14.35	14.45	14.26	15.00	2
		12	13	14.54	14.63	14.26	14.58	14.26	15.00	2
		25	0	14.55	14.63	14.33	14.56	14.32	15.00	2
5	64-QAM	1	0	14.49	14.56	14.44	14.48	14.28	15.00	2
		1	12	14.48	14.59	14.36	14.50	14.36	15.00	2
		1	24	14.47	14.64	14.39	14.52	14.36	15.00	2
		12	0	13.50	13.55	13.35	13.54	13.33	14.00	3
		12	6	13.48	13.72	13.36	13.46	13.37	14.00	3
		12	13	13.58	13.63	13.29	13.43	13.31	14.00	3
		25	0	13.57	13.60	13.35	13.34	13.23	14.00	3
5	256-QAM	1	0	13.40	13.66	13.39	13.49	13.31	14.00	3
		1	12	13.52	13.53	13.25	13.55	13.33	14.00	3
		1	24	13.54	13.65	13.25	13.39	13.40	14.00	3
		12	0	12.53	12.61	12.38	12.48	12.23	13.00	4
		12	6	12.37	12.69	12.33	12.40	12.39	13.00	4
		12	13	12.51	12.57	12.40	12.48	12.37	13.00	4
		25	0	12.47	12.68	12.29	12.45	12.32	13.00	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	15.15	15.35	15.31	15.50	0
		1	50	14.95	15.18	15.07	15.50	0
		1	99	15.09	15.14	15.19	15.50	0
		50	0	13.97	14.15	14.26	14.50	1
		50	25	13.99	14.26	14.11	14.50	1
		50	50	13.91	14.10	14.12	14.50	1
		100	0	13.93	14.08	14.05	14.50	1
20	16-QAM	1	0	13.95	14.27	14.15	14.50	1
		1	50	13.94	14.13	14.09	14.50	1
		1	99	14.06	14.29	14.19	14.50	1
		50	0	12.96	13.18	13.21	13.50	2
		50	25	13.05	13.19	13.14	13.50	2
		50	50	12.90	13.28	13.20	13.50	2
		100	0	13.02	13.23	13.08	13.50	2
20	64-QAM	1	0	12.99	13.29	13.25	13.50	2
		1	50	12.88	13.14	13.10	13.50	2
		1	99	12.97	13.24	13.16	13.50	2
		50	0	11.99	12.27	12.17	12.50	3
		50	25	12.10	12.19	12.19	12.50	3
		50	50	11.90	12.22	12.12	12.50	3
		100	0	12.08	12.17	12.24	12.50	3
20	256-QAM	1	0	11.99	12.11	12.18	12.50	3
		1	50	12.05	12.20	12.19	12.50	3
		1	99	12.01	12.10	12.21	12.50	3
		50	0	10.94	11.18	11.09	11.50	4
		50	25	11.07	11.20	11.18	11.50	4
		50	50	11.02	11.28	11.07	11.50	4
		100	0	10.96	11.14	11.11	11.50	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)				3457.5	3500	3542.5		
Channel				42165	42590	43015		
15	QPSK	1	0	14.97	15.15	15.14	15.50	0
		1	36	14.89	15.10	15.16	15.50	0
		1	74	15.02	15.31	15.16	15.50	0
		36	0	14.06	14.18	14.15	14.50	1
		36	18	14.04	14.12	14.19	14.50	1
		36	37	13.91	14.24	14.15	14.50	1
		75	0	13.99	14.28	14.11	14.50	1
15	16-QAM	1	0	13.93	14.19	14.09	14.50	1
		1	36	13.98	14.19	14.05	14.50	1
		1	74	14.04	14.08	14.15	14.50	1
		36	0	12.95	13.14	13.06	13.50	2
		36	18	12.95	13.28	13.09	13.50	2
		36	37	12.91	13.32	13.27	13.50	2
		75	0	12.91	13.29	13.12	13.50	2
15	64-QAM	1	0	12.87	13.25	13.19	13.50	2
		1	36	12.95	13.12	13.16	13.50	2
		1	74	12.93	13.26	13.16	13.50	2
		36	0	11.91	12.24	12.15	12.50	3
		36	18	12.03	12.13	12.23	12.50	3
		36	37	11.97	12.17	12.03	12.50	3
		75	0	12.00	12.31	12.15	12.50	3
15	256-QAM	1	0	11.89	12.25	12.20	12.50	3
		1	36	12.04	12.21	12.16	12.50	3
		1	74	11.95	12.19	12.07	12.50	3
		36	0	10.93	11.19	11.16	11.50	4
		36	18	11.00	11.28	11.18	11.50	4
		36	37	10.98	11.28	11.16	11.50	4
		75	0	10.98	11.11	11.18	11.50	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)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	15.04	15.19	15.18	15.50	0
		1	25	14.91	15.10	15.22	15.50	0
		1	49	14.95	15.28	15.20	15.50	0
		25	0	14.01	14.13	14.14	14.50	1
		25	12	14.05	14.19	14.18	14.50	1
		25	25	14.04	14.33	14.10	14.50	1
		50	0	14.09	14.21	14.11	14.50	1
10	16-QAM	1	0	14.06	14.05	14.16	14.50	1
		1	25	14.07	14.12	14.17	14.50	1
		1	49	13.98	14.22	14.04	14.50	1
		25	0	13.01	13.18	13.13	13.50	2
		25	12	13.02	13.12	13.15	13.50	2
		25	25	13.00	13.19	13.15	13.50	2
10	64-QAM	50	0	12.91	13.10	13.13	13.50	2
		1	0	12.86	13.22	13.16	13.50	2
		1	25	13.02	13.32	13.09	13.50	2
		1	49	12.97	13.27	13.17	13.50	2
		25	0	12.06	12.26	12.22	12.50	3
		25	12	11.89	12.21	12.04	12.50	3
10	256-QAM	25	25	11.88	12.23	12.14	12.50	3
		50	0	11.96	12.14	12.07	12.50	3
		1	0	12.03	12.22	12.15	12.50	3
		1	25	11.89	12.22	12.10	12.50	3
		1	49	11.86	12.27	12.11	12.50	3
		25	0	10.99	11.10	11.06	11.50	4
		25	12	11.00	11.19	11.23	11.50	4
		25	25	11.02	11.14	11.04	11.50	4
		50	0	11.09	11.12	11.22	11.50	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)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	14.89	15.16	15.13	15.50	0
		1	12	14.99	15.07	15.17	15.50	0
		1	24	15.09	15.20	15.16	15.50	0
		12	0	14.03	14.17	14.28	14.50	1
		12	6	14.04	14.26	14.20	14.50	1
		12	13	13.96	14.28	14.18	14.50	1
		25	0	14.00	14.20	14.10	14.50	1
5	16-QAM	1	0	13.86	14.27	14.17	14.50	1
		1	12	14.05	14.22	14.25	14.50	1
		1	24	13.92	14.13	14.16	14.50	1
		12	0	12.97	13.15	13.13	13.50	2
		12	6	12.95	13.29	13.21	13.50	2
		12	13	13.06	13.29	13.24	13.50	2
		25	0	12.86	13.15	13.08	13.50	2
5	64-QAM	1	0	13.00	13.11	13.19	13.50	2
		1	12	13.07	13.28	13.13	13.50	2
		1	24	13.00	13.25	13.12	13.50	2
		12	0	12.00	12.22	12.18	12.50	3
		12	6	11.97	12.15	12.19	12.50	3
		12	13	12.05	12.29	12.12	12.50	3
		25	0	11.98	12.18	12.06	12.50	3
5	256-QAM	1	0	11.89	12.10	12.14	12.50	3
		1	12	12.01	12.14	12.20	12.50	3
		1	24	11.92	12.27	12.05	12.50	3
		12	0	10.95	11.24	11.22	11.50	4
		12	6	11.05	11.23	11.11	11.50	4
		12	13	11.06	11.29	11.23	11.50	4
		25	0	10.95	11.11	11.17	11.50	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	15.30	15.31	15.22	15.50	0
		1	50	15.06	15.21	15.12	15.50	0
		1	99	15.01	15.16	15.03	15.50	0
		50	0	14.17	14.09	14.00	14.50	1
		50	25	14.18	14.22	14.09	14.50	1
		50	50	14.15	14.16	14.14	14.50	1
		100	0	14.17	14.28	14.04	14.50	1
20	16-QAM	1	0	14.02	14.18	14.03	14.50	1
		1	50	14.22	14.06	14.16	14.50	1
		1	99	14.17	14.16	14.06	14.50	1
		50	0	13.05	13.13	13.14	13.50	2
		50	25	13.13	13.14	13.03	13.50	2
		50	50	13.02	13.08	13.19	13.50	2
		100	0	13.14	13.23	13.15	13.50	2
20	64-QAM	1	0	13.19	13.22	13.06	13.50	2
		1	50	13.14	13.10	13.08	13.50	2
		1	99	13.03	13.19	12.97	13.50	2
		50	0	12.09	12.17	12.01	12.50	3
		50	25	12.15	12.13	12.07	12.50	3
		50	50	12.15	12.14	12.05	12.50	3
		100	0	12.13	12.24	12.14	12.50	3
20	256-QAM	1	0	12.16	12.12	12.04	12.50	3
		1	50	12.10	12.12	12.08	12.50	3
		1	99	12.17	12.20	12.04	12.50	3
		50	0	11.10	11.13	11.19	11.50	4
		50	25	11.19	11.18	11.08	11.50	4
		50	50	11.22	11.25	11.02	11.50	4
		100	0	11.15	11.10	11.03	11.50	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	15.12	15.14	15.10	15.50	0
		1	36	15.15	15.15	15.16	15.50	0
		1	74	15.19	15.23	15.11	15.50	0
		36	0	14.19	14.13	14.08	14.50	1
		36	18	14.17	14.08	13.92	14.50	1
		36	37	14.09	14.12	13.98	14.50	1
		75	0	14.06	14.20	14.05	14.50	1
15	16-QAM	1	0	14.14	14.17	14.04	14.50	1
		1	36	14.24	14.17	13.98	14.50	1
		1	74	14.06	14.11	14.11	14.50	1
		36	0	13.15	13.27	12.94	13.50	2
		36	18	13.01	13.22	13.08	13.50	2
		36	37	13.22	13.19	13.09	13.50	2
		75	0	13.10	13.03	13.00	13.50	2
15	64-QAM	1	0	13.21	13.12	13.05	13.50	2
		1	36	13.09	13.28	13.12	13.50	2
		1	74	13.10	13.20	12.98	13.50	2
		36	0	12.21	12.15	12.11	12.50	3
		36	18	12.17	12.13	12.01	12.50	3
		36	37	12.20	12.18	12.06	12.50	3
		75	0	12.16	12.09	12.05	12.50	3
15	256-QAM	1	0	12.11	12.03	12.04	12.50	3
		1	36	12.21	12.16	12.06	12.50	3
		1	74	12.15	12.11	12.03	12.50	3
		36	0	11.18	11.09	11.17	11.50	4
		36	18	11.14	11.13	11.06	11.50	4
		36	37	11.16	11.28	11.07	11.50	4
		75	0	11.09	11.20	11.05	11.50	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	15.12	15.14	15.10	15.50	0
		1	25	15.15	15.15	15.16	15.50	0
		1	49	15.19	15.23	15.11	15.50	0
		25	0	14.19	14.13	14.08	14.50	1
		25	12	14.17	14.08	13.92	14.50	1
		25	25	14.09	14.12	13.98	14.50	1
		50	0	14.06	14.20	14.05	14.50	1
10	16-QAM	1	0	14.14	14.17	14.04	14.50	1
		1	25	14.24	14.17	13.98	14.50	1
		1	49	14.06	14.11	14.11	14.50	1
		25	0	13.15	13.27	12.94	13.50	2
		25	12	13.01	13.22	13.08	13.50	2
		25	25	13.22	13.19	13.09	13.50	2
		50	0	13.10	13.03	13.00	13.50	2
10	64-QAM	1	0	13.21	13.12	13.05	13.50	2
		1	25	13.09	13.28	13.12	13.50	2
		1	49	13.10	13.20	12.98	13.50	2
		25	0	12.21	12.15	12.11	12.50	3
		25	12	12.17	12.13	12.01	12.50	3
		25	25	12.20	12.18	12.06	12.50	3
		50	0	12.16	12.09	12.05	12.50	3
10	256-QAM	1	0	12.11	12.03	12.04	12.50	3
		1	25	12.21	12.16	12.06	12.50	3
		1	49	12.15	12.11	12.03	12.50	3
		25	0	11.18	11.09	11.17	11.50	4
		25	12	11.14	11.13	11.06	11.50	4
		25	25	11.16	11.28	11.07	11.50	4
		50	0	11.09	11.20	11.05	11.50	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	15.09	15.27	15.11	15.50	0
		1	12	15.16	15.07	15.09	15.50	0
		1	24	15.12	15.17	15.07	15.50	0
		12	0	14.17	14.11	14.10	14.50	1
		12	6	14.12	14.12	14.10	14.50	1
		12	13	14.14	14.19	14.11	14.50	1
		25	0	14.09	14.19	14.00	14.50	1
5	16-QAM	1	0	14.22	14.17	14.08	14.50	1
		1	12	14.10	14.18	14.16	14.50	1
		1	24	14.15	14.07	14.12	14.50	1
		12	0	13.16	13.16	13.11	13.50	2
		12	6	13.04	13.15	13.06	13.50	2
		12	13	13.13	13.09	13.01	13.50	2
		25	0	13.24	13.16	12.98	13.50	2
5	64-QAM	1	0	13.12	13.20	13.07	13.50	2
		1	12	13.16	13.15	13.04	13.50	2
		1	24	13.08	13.16	13.03	13.50	2
		12	0	12.13	12.27	12.03	12.50	3
		12	6	12.16	12.09	12.00	12.50	3
		12	13	12.15	12.06	11.96	12.50	3
		25	0	12.12	12.06	12.03	12.50	3
5	256-QAM	1	0	12.22	12.22	12.12	12.50	3
		1	12	12.14	12.11	12.18	12.50	3
		1	24	12.16	12.12	11.95	12.50	3
		12	0	11.24	11.12	11.06	11.50	4
		12	6	11.22	11.25	11.05	11.50	4
		12	13	11.16	11.18	11.06	11.50	4
		25	0	11.18	11.15	10.99	11.50	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)				3610	3650	3690		
Channel				43690	44090	44490		
20	QPSK	1	0	15.04	15.10	15.11	15.50	0
		1	50	14.88	14.88	14.93	15.50	0
		1	99	14.78	15.01	15.04	15.50	0
		50	0	13.84	13.88	14.03	14.50	1
		50	25	13.86	14.00	13.91	14.50	1
		50	50	13.92	13.83	13.90	14.50	1
		100	0	13.76	14.03	14.01	14.50	1
20	16-QAM	1	0	13.89	14.04	13.82	14.50	1
		1	50	13.92	13.90	13.86	14.50	1
		1	99	13.87	13.90	13.91	14.50	1
		50	0	12.87	12.88	12.94	13.50	2
		50	25	12.88	12.94	12.95	13.50	2
		50	50	12.82	12.99	12.98	13.50	2
		100	0	12.97	13.01	12.92	13.50	2
20	64-QAM	1	0	12.85	12.93	12.94	13.50	2
		1	50	12.86	12.96	12.89	13.50	2
		1	99	12.98	12.97	12.94	13.50	2
		50	0	11.75	11.88	11.88	12.50	3
		50	25	11.89	11.88	11.88	12.50	3
		50	50	11.80	11.88	11.96	12.50	3
		100	0	11.93	11.95	12.02	12.50	3
20	256-QAM	1	0	11.74	11.96	12.04	12.50	3
		1	50	11.82	11.95	11.93	12.50	3
		1	99	11.79	12.00	12.09	12.50	3
		50	0	10.90	11.04	10.94	11.50	4
		50	25	10.87	10.92	10.99	11.50	4
		50	50	10.94	10.87	10.93	11.50	4
		100	0	10.90	10.86	10.94	11.50	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)				3607.5	3650	3692.5		
Channel				43665	44090	44515		
15	QPSK	1	0	14.79	14.98	14.98	15.50	0
		1	36	14.81	14.85	14.87	15.50	0
		1	74	14.88	14.91	14.98	15.50	0
		36	0	13.76	13.95	13.88	14.50	1
		36	18	13.98	13.93	13.85	14.50	1
		36	37	13.97	13.87	13.96	14.50	1
		75	0	13.86	13.92	13.90	14.50	1
15	16-QAM	1	0	13.82	14.05	13.90	14.50	1
		1	36	13.95	13.92	13.97	14.50	1
		1	74	13.83	13.91	13.86	14.50	1
		36	0	12.97	12.97	12.90	13.50	2
		36	18	12.97	13.06	12.96	13.50	2
		36	37	12.96	12.95	12.92	13.50	2
		75	0	12.83	12.98	12.96	13.50	2
15	64-QAM	1	0	12.85	12.93	12.97	13.50	2
		1	36	12.98	12.99	13.00	13.50	2
		1	74	12.83	12.93	12.95	13.50	2
		36	0	11.89	11.96	12.01	12.50	3
		36	18	11.89	11.82	11.98	12.50	3
		36	37	11.93	11.94	11.99	12.50	3
		75	0	11.88	11.95	11.97	12.50	3
15	256-QAM	1	0	11.86	11.99	11.93	12.50	3
		1	36	11.85	11.89	11.96	12.50	3
		1	74	11.92	11.95	11.99	12.50	3
		36	0	10.78	11.00	11.01	11.50	4
		36	18	10.91	10.97	10.89	11.50	4
		36	37	10.84	10.83	10.91	11.50	4
		75	0	10.77	10.92	10.92	11.50	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)				3605	3650	3695		
Channel				43640	44090	44540		
10	QPSK	1	0	14.98	14.91	14.98	15.50	0
		1	25	14.83	14.89	14.99	15.50	0
		1	49	14.91	14.92	15.01	15.50	0
		25	0	13.81	13.94	14.03	14.50	1
		25	12	13.99	13.99	13.99	14.50	1
		25	25	13.90	13.91	14.02	14.50	1
		50	0	13.95	13.90	13.97	14.50	1
10	16-QAM	1	0	13.83	13.94	13.99	14.50	1
		1	25	13.78	13.87	13.92	14.50	1
		1	49	13.82	13.82	13.97	14.50	1
		25	0	12.78	12.96	12.89	13.50	2
		25	12	12.84	12.92	12.92	13.50	2
		25	25	12.85	12.99	12.99	13.50	2
		50	0	12.90	12.86	12.93	13.50	2
10	64-QAM	1	0	12.91	13.03	12.92	13.50	2
		1	25	12.99	12.92	12.96	13.50	2
		1	49	12.87	12.82	12.94	13.50	2
		25	0	11.89	11.97	11.95	12.50	3
		25	12	11.76	12.05	11.86	12.50	3
		25	25	11.82	11.96	11.86	12.50	3
		50	0	11.88	11.92	11.84	12.50	3
10	256-QAM	1	0	11.81	11.94	11.88	12.50	3
		1	25	11.88	11.84	11.96	12.50	3
		1	49	11.98	11.95	11.95	12.50	3
		25	0	10.96	10.83	10.90	11.50	4
		25	12	10.80	10.98	10.98	11.50	4
		25	25	10.80	10.87	11.08	11.50	4
		50	0	10.76	10.89	10.90	11.50	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)				3602.5	3650	3697.5		
Channel				43615	44090	44565		
5	QPSK	1	0	14.80	14.89	14.96	15.50	0
		1	12	14.92	14.97	14.94	15.50	0
		1	24	14.92	14.90	14.94	15.50	0
		12	0	13.97	13.97	14.02	14.50	1
		12	6	13.82	13.93	13.93	14.50	1
		12	13	13.88	13.89	13.85	14.50	1
		25	0	13.89	14.03	13.96	14.50	1
5	16-QAM	1	0	13.95	13.88	13.86	14.50	1
		1	12	13.93	14.03	13.92	14.50	1
		1	24	13.99	13.97	14.05	14.50	1
		12	0	12.95	12.83	13.04	13.50	2
		12	6	12.87	12.94	12.92	13.50	2
		12	13	12.97	12.84	13.00	13.50	2
		25	0	12.96	13.00	13.03	13.50	2
5	64-QAM	1	0	12.83	12.91	12.95	13.50	2
		1	12	12.79	12.85	12.92	13.50	2
		1	24	12.79	13.00	12.95	13.50	2
		12	0	11.89	11.94	11.84	12.50	3
		12	6	11.91	11.91	11.93	12.50	3
		12	13	11.80	11.92	11.97	12.50	3
		25	0	12.00	11.98	12.04	12.50	3
5	256-QAM	1	0	11.97	11.97	11.93	12.50	3
		1	12	11.99	12.08	11.91	12.50	3
		1	24	11.82	11.94	11.89	12.50	3
		12	0	10.92	10.94	10.89	11.50	4
		12	6	10.85	11.01	11.01	11.50	4
		12	13	10.92	10.99	10.88	11.50	4
		25	0	10.82	11.00	10.88	11.50	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	15.24	15.35	15.40	15.45	15.50	0
		1	50	15.20	15.19	15.22	15.19	15.50	0
		1	99	15.03	15.23	15.27	15.35	15.50	0
		50	0	14.05	14.19	14.25	14.27	14.50	1
		50	25	13.98	14.29	14.19	14.24	14.50	1
		50	50	14.08	14.22	14.21	14.21	14.50	1
		100	0	14.06	14.20	14.21	14.32	14.50	1
20	16-QAM	1	0	14.02	14.25	14.16	14.26	14.50	1
		1	50	14.12	14.23	14.23	14.26	14.50	1
		1	99	13.98	14.28	14.30	14.31	14.50	1
		50	0	13.03	13.15	13.27	13.28	13.50	2
		50	25	13.02	13.21	13.32	13.37	13.50	2
		50	50	12.97	13.23	13.29	13.19	13.50	2
		100	0	13.07	13.22	13.33	13.22	13.50	2
20	64-QAM	1	0	13.05	13.16	13.20	13.29	13.50	2
		1	50	13.14	13.20	13.21	13.35	13.50	2
		1	99	13.05	13.17	13.25	13.40	13.50	2
		50	0	12.08	12.24	12.36	12.36	12.50	3
		50	25	12.05	12.21	12.20	12.31	12.50	3
		50	50	12.09	12.19	12.18	12.42	12.50	3
		100	0	12.06	12.11	12.16	12.29	12.50	3
20	256-QAM	1	0	12.11	12.13	12.23	12.19	12.50	3
		1	50	12.07	12.06	12.28	12.24	12.50	3
		1	99	11.96	12.14	12.26	12.30	12.50	3
		50	0	11.05	11.29	11.32	11.23	11.50	4
		50	25	11.04	11.25	11.23	11.29	11.50	4
		50	50	11.16	11.18	11.23	11.31	11.50	4
		100	0	11.11	11.17	11.23	11.25	11.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	14.99	15.25	15.15	15.22	15.50	0
		1	36	15.04	15.15	15.10	15.26	15.50	0
		1	74	15.12	15.15	15.25	15.22	15.50	0
		36	0	14.06	14.18	14.22	14.25	14.50	1
		36	18	13.97	14.15	14.17	14.24	14.50	1
		36	37	14.06	14.27	14.16	14.35	14.50	1
		75	0	14.18	14.24	14.28	14.36	14.50	1
15	16-QAM	1	0	14.02	14.25	14.22	14.39	14.50	1
		1	36	14.03	14.12	14.37	14.26	14.50	1
		1	74	14.03	14.22	14.19	14.21	14.50	1
		36	0	13.20	13.20	13.27	13.19	13.50	2
		36	18	13.07	13.22	13.27	13.23	13.50	2
		36	37	13.02	13.28	13.37	13.34	13.50	2
		75	0	13.04	13.20	13.27	13.33	13.50	2
15	64-QAM	1	0	13.03	13.24	13.34	13.23	13.50	2
		1	36	12.98	13.28	13.36	13.26	13.50	2
		1	74	13.16	13.25	13.29	13.30	13.50	2
		36	0	12.10	12.16	12.31	12.29	12.50	3
		36	18	12.08	12.18	12.23	12.40	12.50	3
		36	37	12.01	12.08	12.30	12.29	12.50	3
		75	0	11.96	12.22	12.29	12.22	12.50	3
15	256-QAM	1	0	11.96	12.27	12.25	12.27	12.50	3
		1	36	12.11	12.28	12.12	12.25	12.50	3
		1	74	12.13	12.21	12.23	12.22	12.50	3
		36	0	11.14	11.09	11.23	11.38	11.50	4
		36	18	11.05	11.09	11.34	11.27	11.50	4
		36	37	11.15	11.22	11.30	11.28	11.50	4
		75	0	10.98	11.14	11.37	11.29	11.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
Channel				55290	55815	56165	56690		
10	QPSK	1	0	14.99	15.25	15.15	15.27	15.50	0
		1	25	15.04	15.15	15.35	15.34	15.50	0
		1	49	15.12	15.15	15.34	15.31	15.50	0
		25	0	14.06	14.18	14.22	14.25	14.50	1
		25	12	13.97	14.15	14.14	14.28	14.50	1
		25	25	14.06	14.27	14.18	14.30	14.50	1
		50	0	14.18	14.24	14.28	14.33	14.50	1
10	16-QAM	1	0	14.02	14.25	14.25	14.24	14.50	1
		1	25	14.03	14.12	14.20	14.33	14.50	1
		1	49	14.03	14.22	14.25	14.26	14.50	1
		25	0	13.20	13.20	13.34	13.27	13.50	2
		25	12	13.07	13.22	13.16	13.26	13.50	2
		25	25	13.02	13.28	13.28	13.19	13.50	2
		50	0	13.04	13.20	13.26	13.37	13.50	2
10	64-QAM	1	0	13.03	13.24	13.24	13.22	13.50	2
		1	25	12.98	13.28	13.28	13.30	13.50	2
		1	49	13.16	13.25	13.25	13.36	13.50	2
		25	0	12.10	12.16	12.19	12.27	12.50	3
		25	12	12.08	12.18	12.31	12.24	12.50	3
		25	25	12.01	12.08	12.27	12.18	12.50	3
		50	0	11.96	12.22	12.28	12.18	12.50	3
10	256-QAM	1	0	11.96	12.27	12.27	12.27	12.50	3
		1	25	12.11	12.28	12.34	12.36	12.50	3
		1	49	12.13	12.21	12.15	12.25	12.50	3
		25	0	11.14	11.09	11.23	11.38	11.50	4
		25	12	11.05	11.09	11.20	11.20	11.50	4
		25	25	11.15	11.22	11.34	11.35	11.50	4
		50	0	10.98	11.14	11.23	11.32	11.50	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
Channel				55265	55810	56170	56715		
5	QPSK	1	0	15.07	15.10	15.19	15.31	15.50	0
		1	12	14.94	15.19	15.27	15.35	15.50	0
		1	24	15.03	15.18	15.30	15.35	15.50	0
		12	0	14.05	14.10	14.18	14.39	14.50	1
		12	6	14.13	14.21	14.25	14.35	14.50	1
		12	13	14.07	14.09	14.23	14.35	14.50	1
		25	0	14.05	14.22	14.16	14.22	14.50	1
5	16-QAM	1	0	14.06	14.09	14.17	14.29	14.50	1
		1	12	14.09	14.20	14.34	14.19	14.50	1
		1	24	14.14	14.16	14.32	14.23	14.50	1
		12	0	13.14	13.22	13.22	13.23	13.50	2
		12	6	13.20	13.28	13.22	13.36	13.50	2
		12	13	13.11	13.19	13.26	13.38	13.50	2
		25	0	13.10	13.18	13.27	13.18	13.50	2
5	64-QAM	1	0	13.16	13.23	13.24	13.27	13.50	2
		1	12	13.08	13.18	13.25	13.39	13.50	2
		1	24	13.16	13.13	13.26	13.22	13.50	2
		12	0	12.09	12.17	12.27	12.21	12.50	3
		12	6	12.12	12.29	12.24	12.30	12.50	3
		12	13	12.04	12.26	12.34	12.33	12.50	3
		25	0	12.08	12.32	12.26	12.16	12.50	3
5	256-QAM	1	0	12.16	12.24	12.18	12.17	12.50	3
		1	12	12.19	12.26	12.22	12.33	12.50	3
		1	24	12.12	12.11	12.37	12.22	12.50	3
		12	0	11.00	11.20	11.28	11.36	11.50	4
		12	6	11.13	11.14	11.29	11.27	11.50	4
		12	13	11.12	11.12	11.24	11.31	11.50	4
		25	0	11.18	11.30	11.25	11.28	11.50	4

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5.4 LTE DL CA

Tablet mode

LTE Downlink 2CA conducted power table

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Power		Configurations
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)	
2	10	19150	1905	QPSK	1	0	1150	1985	17	10	5790	740	15.80	16.21	CA 2A-17A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	17	10	5790	740	16.74	16.87	CA 4A-17A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	55830	3609	16.60	16.87	CA 4A-48A
5	10	20600	844	QPSK	1	0	2600	889	7	20	3100	2655	17.95	18.13	CA 5A-7A
7	20	21100	2535	QPSK	1	0	3100	2655	5	10	2525	881.5	16.80	17.15	CA 7A-5A
7	20	21350	2560	QPSK	1	0	3350	2680	7	5	2775	2622.5	16.77	17.15	CA 7A-7A
13	10	23230	782	QPSK	1	0	5230	751	48	20	55830	3609	17.64	17.87	CA 13A-48A
13	10	23230	782	QPSK	1	0	5230	751	66	20	66886	2155	17.45	17.87	CA 13A-66A
14	10	23330	793	QPSK	1	0	5330	763	30	10	9820	2355	17.85	18.04	CA 14A-30A
14	10	23330	793	QPSK	1	0	5330	763	66	20	66886	2155	17.83	18.04	CA 14A-66A
17	10	23790	710	QPSK	1	0	5790	740	2	10	900	1960	17.55	17.93	CA 17A-2A
17	10	23790	710	QPSK	1	0	5790	740	4	10	2175	2132.5	17.55	17.93	CA 17A-4A
25	20	26140	1860	QPSK	1	0	8140	1940	25	5	8665	1992.5	17.92	18.28	CA 25A-25A
25	20	26140	1860	QPSK	1	0	8140	1940	26	15	8865	876.5	17.92	18.28	CA 25A-26A
25	20	26140	1860	QPSK	1	0	8140	1940	41	20	40620	2593	17.83	18.28	CA 25A-41A
26	15	26865	831.5	QPSK	1	0	8865	876.5	25	20	8340	1960	17.30	17.70	CA 26A-25A
26	15	26865	831.5	QPSK	1	0	8865	876.5	41	20	40620	2593	17.55	17.70	CA 26A-41A
30	10	27710	2310	QPSK	1	0	9820	2355	14	10	5330	763	17.42	17.68	CA 30A-14A
30	10	27710	2310	QPSK	1	0	9820	2355	66	20	66886	2155	17.22	17.68	CA 30A-66A
41	20	40620	2593	QPSK	1	0	40620	2593	25	20	8340	1960	16.59	16.76	CA 41A-25A
41	20	40620	2593	QPSK	1	0	40620	2593	26	15	8865	876.5	16.57	16.76	CA 41A-26A
41	20	41055	2636.5	QPSK	1	0	41055	2636.5	41	5	39675	2498.5	16.53	16.76	CA 41A-41A
48	20	55340	3560	QPSK	1	0	55340	3560	4	20	2175	2132.5	15.17	15.45	CA 48A-4A
48	20	55340	3560	QPSK	1	0	55340	3560	13	10	5230	751	15.30	15.45	CA 48A-13A
48	20	56150	3641	QPSK	1	0	56150	3641	48	5	55265	3552.5	15.19	15.45	CA 48A-48A
48	20	55340	3560	QPSK	1	0	55340	3560	66	20	66886	2155	15.13	15.45	CA 48A-66A
66	20	132572	1770	QPSK	1	0	67236	2190	12	10	5095	737.5	16.70	16.98	CA 66A-12A
66	20	132572	1770	QPSK	1	0	67236	2190	13	10	5230	751	16.78	16.98	CA 66A-13A
66	20	132572	1770	QPSK	1	0	67236	2190	14	10	5330	763	16.56	16.98	CA 66A-14A
66	20	132572	1770	QPSK	1	0	67236	2190	30	10	9820	2355	16.70	16.98	CA 66A-30A
66	20	132572	1770	QPSK	1	0	67236	2190	48	20	55830	3609	16.59	16.98	CA 66A-48A
66	20	132572	1770	QPSK	1	0	67236	2190	66	5	66461	2112.5	16.82	16.98	CA 66A-66A
66	20	132572	1770	QPSK	1	0	67236	2190	71	20	68761	634.5	16.83	16.98	CA 66A-71A
71	20	133297	680.5	QPSK	1	0	68761	634.5	66	20	66886	2155	19.64	19.85	CA 71A-66A
7	20	21350	2560	QPSK	1	0	3350	2680	7	20	3152	2660.2	16.88	17.15	CA 7C
38	20	37850	2580	QPSK	1	0	37850	2580	38	20	38048	2599.8	17.71	17.96	CA 38C

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LTE Downlink 3CA conducted power table

Three Component Carrier Maximum Conducted Power																				
PCC										SCC 1				SCC 2				Power		Configurations
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)		
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	2	20	900	1960	16.06	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	12	10	5095	737.5	2	20	900	1960	15.78	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	13	10	5230	751	2	20	900	1960	16.02	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	14	10	5330	763	2	20	900	1960	15.80	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	4	20	2175	2132.5	15.86	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	13	10	5230	751	4	20	2175	2132.5	15.86	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	48	20	55830	3609	5	10	2525	881.5	15.73	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	4	20	2175	2132.5	16.05	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	5	10	2525	881.5	15.79	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	20	1098	1979.8	66	20	66886	2155	15.95	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	12	10	5095	737.5	16.10	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	13	10	5230	751	15.90	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	14	10	5330	763	15.79	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	30	10	9820	2355	15.86	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	66	20	66886	2155	15.93	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	71	20	68761	634.5	16.01	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	4	5	1975	2112.5	15.87	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	5	10	2525	881.5	15.88	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	7	20	3100	2655	15.93	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	12	10	5095	737.5	15.89	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	13	10	5230	751	15.86	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	30	10	9820	2355	15.88	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	71	20	68761	634.5	15.83	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	5	2425	871.5	15.98	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	30	10	9820	2355	15.85	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	48	20	55830	3609	16.03	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	66	20	66886	2155	15.89	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	12	10	5095	737.5	30	10	9820	2355	15.90	16.21		
2	20	18900	1880	QPSK	1	0	900	1960	12	10	5095	737.5	66	20	66886	2155	15.79	16.21		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	2	5	1175	1987.5	16.54	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	4	20	2050	2120	16.68	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	5	10	2525	881.5	16.64	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	2	20	900	1960	16.50	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	7	20	3100	2655	15.88	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	12	10	5095	737.5	16.64	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	12	10	5095	737.5	2	20	900	1960	16.70	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	13	10	5230	751	16.54	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	13	10	5230	751	2	20	900	1960	16.56	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	30	10	9820	2355	16.51	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	71	20	68761	634.5	16.51	16.87		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	55830	3609	48	20	56028	3628.8	15.88	16.87		
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	2	5	1175	1987.5	17.97	18.13		
5	10	20600	844	QPSK	1	0	2600	889	4	20	2175	2132.5	2	20	900	1960	17.90	18.13		
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	5	10	2450	874	17.77	18.13		
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	30	10	9820	2355	17.78	18.13		
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	48	20	55830	3609	17.79	18.13		
5	10	20600	844	QPSK	1	0	2600	889	48	20	55830	3609	2	20	900	1960	17.78	18.13		
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	66	20	66886	2155	17.70	18.13		
5	10	20600	844	QPSK	1	0	2600	889	66	20	66886	2155	2	20	900	1960	17.91	18.13		
7	20	21100	2535	QPSK	1	0	3100	2655	4	20	2175	2132.5	2	20	900	1960	16.84	17.15		
12	10	23130	711	QPSK	1	0	5130	741	2	20	900	1960	2	5	1175	1987.5	17.45	17.87		
12	10	23130	711	QPSK	1	0	5130	741	4	20	2175	2132.5	2	20	900	1960	17.62	17.87		
12	10	23130	711	QPSK	1	0	5130	741	2	20	900	1960	30	10	9820	2355	17.41	17.87		
12	10	23130	711	QPSK	1	0	5130	741	66	20	66886	2155	66	20	67084	2174.8	17.48	17.87		
13	10	23230	782	QPSK	1	0	5230	751	2	20	900	1960	2	5	1175	1987.5	17.71	17.87		
13	10	23230	782	QPSK	1	0	5230	751	4	20	2175	2132.5	2	20	900	1960	17.55	17.87		
13	10	23230	782	QPSK	1	0	5230	751	48	20	55830	3609	48	20	56028	3628.8	17.55	17.87		
13	10	23230	782	QPSK	1	0	5230	751	66	15	66886	2155	66	5	66979	2164.3	17.58	17.87		
13	10	23230	782	QPSK	1	0	5230	751	66	20	66886	2155	66	20	67084	2174.8	17.53	17.87		
14	10	23330	793	QPSK	1	0	5330	763	2	20	900	1960	2	5	1175	1987.5	17.52	17.87		
25	20	26140	1860	QPSK	1	0	8140	1940	41	20	40620	2593	41	20	40818	2612.8	17.85	18.28		
26	15	26865	831.5	QPSK	1	0	8865	876.5	41	20	40620	2593	41	20	40818	2612.8	17.52	17.70		
30	10	27710	2310	QPSK	1	0	9820	2355	2	20	900	1960	2	5	1175	1987.5	17.45	17.68		
30	10	27710	2310	QPSK	1	0	9820	2355	4	20	2175	2132.5	2	20	900	1960	17.39	17.68		
30	10	27710	2310	QPSK	1	0	9820	2355	5	10	2525	881.5	2	20	900	1960	17.42	17.68		
30	10	27710	2310	QPSK	1	0	9820	2355	12	10	5095	737.5	2	20	900	1960	17.45	17.68		
41	20	40620	2593	QPSK	1	0	40620	2593	41	20	40818	2612.8	25	20	8340	1960	16.58	16.76		

LTE Downlink 4CA conducted power table

Four Component Carrier Maximum Conducted Power																							
PCC									SCC 1				SCC 2				SCC 3				Power		Configurations
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (DL) 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)	
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	5	10	2525	881.5	5	10	2624	891.4	15.92	16.21	CA 2A-2A-5B
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	66	15	66886	2155	66	5	66979	2164.3	15.82	16.21	CA 2A-2A-66B
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	66	20	66886	2155	66	20	67084	2174.8	15.76	16.21	CA 2A-2A-66C
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	5	10	2525	881.5	5	10	2624	891.4	15.86	16.21	CA 2A-4A-5B
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	10	2624	891.4	30	10	9820	2355	15.85	16.21	CA 2A-5B-30A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	48	20	56150	3641	48	20	56348	3660.8	15.93	16.21	CA 2A-5A-48C
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	66	15	66886	2155	66	5	66979	2164.3	15.87	16.21	CA 2A-5A-66B
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	66	20	66886	2155	66	20	67084	2174.8	15.78	16.21	CA 2A-5A-66C
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	10	2624	891.4	66	20	66886	2155	15.86	16.21	CA 2A-5B-66A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	5	10	2525	881.5	5	10	2624	891.4	15.51	16.87	CA 4A-2A-5B
5	10	20600	844	QPSK	1	0	2600	889	48	20	56150	3641	48	20	56348	3660.8	48	20	56546	3680.6	17.83	18.13	CA 5A-48D
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	2	5	1175	1987.5	17.80	18.13	CA 5B-2A-5B
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	30	10	9820	2355	17.94	18.13	CA 5B-2A-30A
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	48	20	56150	3641	48	20	56348	3660.8	17.82	18.13	CA 5A-2A-48C
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	66	15	66886	2155	66	5	66979	2164.3	17.78	18.13	CA 5A-2A-66B
5	10	20600	844	QPSK	1	0	2600	889	66	15	66886	2155	66	5	66979	2164.3	2	20	900	1960	18.00	18.13	CA 5A-66B-2A
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	66	20	66886	2155	66	20	67084	2174.8	17.87	18.13	CA 5A-2A-66C
5	10	20600	844	QPSK	1	0	2600	889	66	20	66886	2155	66	20	67084	2174.8	2	20	900	1960	17.82	18.13	CA 5A-66C-2A
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	66	20	66886	2155	17.92	18.13	CA 5B-2A-66A
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	66	20	66886	2155	2	20	900	1960	18.00	18.13	CA 5B-66A-2A
13	10	23230	782	QPSK	1	0	5230	751	48	20	56150	3641	48	20	56348	3660.8	48	20	56546	3680.6	17.68	17.87	CA 13A-48D
25	20	26140	1860	QPSK	1	0	8140	1940	41	20	40620	2593	41	20	40818	2612.8	41	20	41016	2632.6	16.93	18.28	CA 25A-41D
30	10	27110	2310	QPSK	1	0	9820	2355	5	10	2525	881.5	5	10	2624	891.4	2	20	900	1960	17.49	17.68	CA 30A-5B-2A
36	15	132322	1745	QPSK	1	0	66786	2145	66	5	66879	2154.3	2	20	900	1960	2	5	1175	1987.5	16.58	16.96	CA 66B-2A-2A
66	15	132322	1770	QPSK	1	0	67236	2190	66	20	67434	2208.8	2	20	900	1960	2	5	1175	1987.5	16.62	16.98	CA 66C-2A-2A
66	15	132322	1745	QPSK	1	0	66786	2145	66	5	66879	2154.3	5	10	2525	881.5	2	20	900	1960	16.55	16.96	CA 66B-5A-2A
66	20	132572	1770	QPSK	1	0	67236	2190	5	10	2525	881.5	5	10	2624	891.4	2	20	900	1960	16.72	16.98	CA 66C-5A-2A
66	15	132322	1745	QPSK	1	0	66786	2145	66	5	66879	2154.3	48	20	56150	3641	48	20	56348	3660.8	16.99	16.98	CA 66B-48C
66	20	132572	1770	QPSK	1	0	67236	2190	66	20	67434	2208.8	48	20	56150	3641	48	20	56348	3660.8	16.74	16.98	CA 66C-48C
66	20	132572	1770	QPSK	1	0	67236	2190	48	20	56150	3641	48	20	56348	3660.8	48	20	56546	3680.6	16.70	16.98	CA 66A-48D
41	20	40620	2593	QPSK	1	0	41055	2636.5	41	20	41253	2656.3	41	20	41451	2676.1	25	20	8340	1960	16.57	16.76	CA 41D-25A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	66	20	66886	2155	66	20	67084	2174.8	15.25	15.45	CA 48C-66C
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	48	20	55736	3599.6	66	20	66886	2155	15.12	15.45	CA 48D-66A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	66	15	66886	2155	66	5	66979	2164.3	15.35	15.45	CA 48C-66B
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	5	10	2525	881.5	2	20	900	1960	15.16	15.45	CA 48C-5A-2A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	48	20	55736	3599.6	4	20	2175	2132.5	15.04	15.45	CA 48D-4A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	48	20	55736	3599.6	13	10	5230	751	15.04	15.45	CA 48D-13A

LTE Downlink 5CA conducted power table

Five Component Carrier Maximum Conducted Power																											
PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power		Configurations
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (DL) 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)	
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	48	20	55938	3609	48	20	56038	3628.8	48	20	56236	3648.6	15.85	16.21	CA 2A-5A-48D
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	10	2624	891.4	66	15	66886	2155	66	5	66979	2164.3	16.06	16.21	CA 2A-5B-66B
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	10	2723	901.3	66	20	66886	2155	66	20	67084	2174.8	15.81	16.21	CA 2A-5B-66C
2	20	18900	1880	QPSK	1	0	900	1960	48	20	55938	3609	48	20	56038	3628.8	48	20	56236	3648.6	48	20	56434	3668.4	15.91	16.21	CA 2A-4A
4	20	20175	1782.5	QPSK	1	0	2175	2132.5	48	20	55938	3609	48	20	56038	3628.8	48	20	56236	3648.6	48	20	56434	3668.4	15.61	16.87	CA 4A-4A
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	48	20	55938	3609	48	20	56038	3628.8	48	20	56236	3648.6	17.13	18.13	CA 5A-2A-48D
5	10	20600	844	QPSK	1	0	2600	889	48	20	55938	3609	48	20	56038	3628.8	48	20	56236	3648.6	48	20	56434	3668.4	17.94	18.13	CA 5A-4A
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	66	15	66886	2155	66	5	66979	2164.3	17.84	18.13	CA 5B-2A-66B
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	66	20	66886	2155	66	20	67084	2174.8	17.79	18.13	CA 5B-2A-66C
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	66	20	66886	2155	66	20	67084	2174.8	17.68	18.13	CA 5B-5A-66C				
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	66	20	66886	2155	66	20	67084	2174.8	17.84	18.13	CA 5B-66C-2A				
13	10	23230	782	QPSK	1	0	5230	751	48	20	55938	3609	48	20	56038	3628.8	48	20	56236	3648.6	48	20	56434	3668.4	17.54	17.87	CA 13A-48E
66	15	132322	1770	QPSK	1	0	67236	2190	66	5	66979	2154.3	5	10	2525	881.5	5	10	2624	891.4	2	20	900	1960	16.62	16.98	CA 66B-5B-2A
66	15	132322	1770	QPSK	1	0	67236	2190	66	5	67434	2208.8	66	5	67434	2208.8	66	5	67434	2208.8	66	5	67434	2208.8	16.53	16.98	CA 66B-66B-2A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55938	3579.8	48	20	56136	3599.8	5	10	2525	881.5	2	20	900	1960	15.28	15.46	CA 48B-5A-2A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55938	3579.8	48	20	56136	3599.8	48	20	56334	3619.8	48	20	56532	3639.8	15.27	15.46	CA 48B-5A-2A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55938	3579.8	48	20	56334	3619.8	48	15	55937	3613.7	2	20	900	1960	15.22	15.46	CA 48B-2A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55938	3579.8	48	20	56334	3619.8	48	15	55937	3613.7	4	20	2175	2132.5	15.21	15.46	CA 48B-4A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55938	3579.8	48	20	56334	3619.8	48	15	55937	3613.7	13	10	5230	751	15.20	15.46	CA 48B-13A
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55938	3579.8	48	20	56334	3619.8	48	15	55937	3613.7	13	10	5230	751	15.20	15.46	CA 48B-13A

Notebook mode

LTE Downlink 2CA conducted power table

T+B2-Q86wo Component Carrier Maximum Conducted Power															
PCC									SCC				Power		Configurations
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)	
2	10	19150	1905	QPSK	1	0	1150	1985	17	10	5790	740	22.62	22.76	CA 2A-17A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	17	10	5790	740	22.54	22.87	CA 4A-17A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	55830	3609	22.56	22.87	CA 4A-48A
5	10	20600	844	QPSK	1	0	2600	889	7	20	3100	2655	22.87	23.22	CA 5A-7A
7	20	21100	2535	QPSK	1	0	3100	2655	5	10	2525	881.5	22.58	22.84	CA 7A-5A
7	20	21350	2560	QPSK	1	0	3350	2680	7	5	2775	2622.5	22.64	22.84	CA 7A-7A
13	10	23230	782	QPSK	1	0	5230	751	48	20	55830	3609	22.85	23.05	CA 13A-48A
13	10	23230	782	QPSK	1	0	5230	751	66	20	66886	2155	22.94	23.05	CA 13A-66A
14	10	23330	793	QPSK	1	0	5330	763	30	10	9820	2355	22.79	23.11	CA 14A-30A
14	10	23330	793	QPSK	1	0	5330	763	66	20	66886	2155	22.79	23.11	CA 14A-66A
17	10	23790	710	QPSK	1	0	5790	740	2	10	900	1960	22.81	22.96	CA 17A-2A
17	10	23790	710	QPSK	1	0	5790	740	4	10	2175	2132.5	22.61	22.96	CA 17A-4A
25	20	26140	1860	QPSK	1	0	8140	1940	25	5	8665	1992.5	22.62	23.01	CA 25A-25A
25	20	26140	1860	QPSK	1	0	8140	1940	26	15	8865	876.5	22.67	23.01	CA 25A-26A
25	20	26140	1860	QPSK	1	0	8140	1940	41	20	40620	2593	22.59	23.01	CA 25A-41A
26	15	26865	831.5	QPSK	1	0	8865	876.5	25	20	8340	1960	22.53	22.74	CA 26A-25A
26	15	26865	831.5	QPSK	1	0	8865	876.5	41	20	40620	2593	22.55	22.74	CA 26A-41A
30	10	27710	2310	QPSK	1	0	9820	2355	14	10	5330	763	22.54	22.92	CA 30A-14A
30	10	27710	2310	QPSK	1	0	9820	2355	66	20	66886	2155	22.78	22.92	CA 30A-66A
41	20	40620	2593	QPSK	1	0	40620	2593	25	20	8340	1960	22.43	22.84	CA 41A-25A
41	20	40620	2593	QPSK	1	0	40620	2593	26	15	8865	876.5	22.53	22.84	CA 41A-26A
41	20	41055	2636.5	QPSK	1	0	41055	2636.5	41	5	39675	2498.5	22.62	22.84	CA 41A-41A
48	20	55340	3560	QPSK	1	0	55340	3560	4	20	2175	2132.5	23.00	23.2	CA 48A-4A
48	20	55340	3560	QPSK	1	0	55340	3560	13	10	5230	751	22.81	23.2	CA 48A-13A
48	20	56150	3641	QPSK	1	0	56150	3641	48	5	55265	3552.5	22.93	23.20	CA 48A-48A
48	20	55340	3560	QPSK	1	0	55340	3560	66	20	66886	2155	22.93	23.20	CA 48A-66A
66	20	132572	1770	QPSK	1	0	67236	2190	12	10	5095	737.5	22.75	23.02	CA 66A-12A
66	20	132572	1770	QPSK	1	0	67236	2190	13	10	5230	751	22.70	23.02	CA 66A-13A
66	20	132572	1770	QPSK	1	0	67236	2190	14	10	5330	763	22.85	23.02	CA 66A-14A
66	20	132572	1770	QPSK	1	0	67236	2190	30	10	9820	2355	22.80	23.02	CA 66A-30A
66	20	132572	1770	QPSK	1	0	67236	2190	48	20	55830	3609	22.65	23.02	CA 66A-48A
66	20	132572	1770	QPSK	1	0	67236	2190	66	5	66461	2112.5	22.74	23.02	CA 66A-66A
66	20	132572	1770	QPSK	1	0	67236	2190	71	20	68761	634.5	22.71	23.02	CA 66A-71A
71	20	133297	680.5	QPSK	1	0	68761	634.5	66	20	66886	2155	22.79	23.04	CA 71A-66A
7	20	21350	2560	QPSK	1	0	3350	2680	7	20	3152	2660.2	22.44	22.84	CA 7C
38	20	37850	2580	QPSK	1	0	37850	2580	38	20	38048	2599.8	22.40	22.74	CA 38C

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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LTE Downlink 3CA conducted power table

Three Component Carrier Maximum Conducted Power																			
PCC									SCC 1				SCC 2				Power		Configurations
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 TxPower with DL CA active (dBm)	LTE TxPower with DL CA inactive (dBm)	
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	2	20	900	1960	22.40	22.76	CA 2A-5A-2A
2	20	18900	1880	QPSK	1	0	900	1960	12	10	5095	737.5	2	20	900	1960	22.49	22.76	CA 2A-12A-2A
2	20	18900	1880	QPSK	1	0	900	1960	13	10	5230	751	2	20	900	1960	22.53	22.76	CA 2A-13A-2A
2	20	18900	1880	QPSK	1	0	900	1960	14	10	5330	763	2	20	900	1960	22.56	22.76	CA 2A-14A-2A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	4	20	2175	2132.5	22.36	22.76	CA 2A-5A-4A
2	20	18900	1880	QPSK	1	0	900	1960	13	10	5230	751	4	20	2175	2132.5	22.42	22.76	CA 2A-13A-4A
2	20	18900	1880	QPSK	1	0	900	1960	48	20	55830	3609	5	10	2525	881.5	22.56	22.76	CA 2A-48A-5A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	4	20	2175	2132.5	22.46	22.76	CA 2A-2A-4A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	5	10	2525	881.5	22.53	22.76	CA 2A-2A-5A
2	20	18900	1880	QPSK	1	0	900	1960	2	20	1098	1979.8	66	20	66886	2155	22.44	22.76	CA 2C-66A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	12	10	5095	737.5	22.57	22.76	CA 2A-2A-12A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	13	10	5230	751	22.42	22.76	CA 2A-2A-13A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	14	10	5330	763	22.47	22.76	CA 2A-2A-14A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	30	10	9820	2355	22.39	22.76	CA 2A-2A-30A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	66	20	66886	2155	22.34	22.76	CA 2A-2A-66A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	71	20	68761	634.5	22.54	22.76	CA 2A-2A-71A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	4	5	1975	2112.5	22.54	22.76	CA 2A-4A-4A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	5	10	2525	881.5	22.40	22.76	CA 2A-4A-5A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	7	20	3100	2655	22.49	22.76	CA 2A-4A-7A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	12	10	5095	737.5	22.46	22.76	CA 2A-4A-12A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	13	10	5230	751	22.42	22.76	CA 2A-4A-13A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	30	10	9820	2355	22.49	22.76	CA 2A-4A-30A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	71	20	68761	634.5	22.30	22.76	CA 2A-4A-71A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	5	2425	871.5	22.56	22.76	CA 2A-5A-5A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	30	10	9820	2355	22.57	22.76	CA 2A-5A-30A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	48	20	55830	3609	22.47	22.76	CA 2A-5A-48A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	66	20	66886	2155	22.40	22.76	CA 2A-5A-66A
2	20	18900	1880	QPSK	1	0	900	1960	12	10	5095	737.5	30	10	9820	2355	22.46	22.76	CA 2A-12A-30A
2	20	18900	1880	QPSK	1	0	900	1960	12	10	5095	737.5	66	20	66886	2155	22.60	22.76	CA 2A-12A-66A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	2	5	1175	1987.5	22.69	22.87	CA 4A-2A-2A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	4	20	2050	2120	22.76	22.87	CA 4A-2A-4A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	5	10	2525	881.5	22.46	22.87	CA 4A-2A-5A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	5	10	900	1960	22.72	22.87	CA 4A-5A-2A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	7	20	3100	2655	22.62	22.87	CA 4A-2A-7A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	12	10	5095	737.5	22.57	22.87	CA 4A-2A-12A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	12	10	5095	737.5	2	20	900	1960	22.59	22.87	CA 4A-12A-2A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	13	10	5230	751	22.65	22.87	CA 4A-13A-2A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	13	10	5230	751	2	20	900	1960	22.46	22.87	CA 4A-13A-2A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	30	10	9820	2355	22.67	22.87	CA 4A-2A-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	71	20	68761	634.5	22.60	22.87	CA 4A-2A-71A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	55830	3609	48	20	56028	3628.8	22.75	22.87	CA 4A-4A-48C
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	2	5	1175	1987.5	22.90	23.22	CA 5A-2A-2A
5	10	20600	844	QPSK	1	0	2600	889	4	20	2175	2132.5	2	20	900	1960	22.88	23.22	CA 5A-4A-2A
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	5	10	2450	874	22.95	23.22	CA 5A-2A-5A
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	30	10	9820	2355	22.92	23.22	CA 5A-2A-30A
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	48	20	55830	3609	22.92	23.22	CA 5A-2A-48A
5	10	20600	844	QPSK	1	0	2600	889	48	20	55830	3609	2	20	900	1960	23.07	23.22	CA 5A-48A-2A
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	66	20	66886	2155	22.93	23.22	CA 5A-6A-66A
5	10	20600	844	QPSK	1	0	2600	889	66	20	66886	2155	2	20	900	1960	22.74	23.22	CA 5A-66A-2A
7	20	21100	2535	QPSK	1	0	3100	2655	4	20	2175	2132.5	2	20	900	1960	22.53	22.84	CA 7A-4A-2A
12	10	23130	711	QPSK	1	0	5130	741	2	20	900	1960	2	5	1175	1987.5	22.76	23.05	CA 12A-2A-2A
12	10	23130	711	QPSK	1	0	5130	741	4	20	2175	2132.5	2	20	900	1960	22.82	23.05	CA 12A-4A-2A
12	10	23130	711	QPSK	1	0	5130	741	2	20	900	1960	30	10	9820	2355	22.78	23.05	CA 12A-2A-30A
12	10	23130	711	QPSK	1	0	5130	741	66	20	66886	2155	66	20	67084	2174.8	22.77	23.05	CA 12A-66A
13	10	23230	782	QPSK	1	0	5230	751	2	20	900	1960	2	5	1175	1987.5	22.78	23.05	CA 13A-2A-2A
13	10	23230	782	QPSK	1	0	5230	751	4	20	2175	2132.5	2	20	900	1960	22.93	23.05	CA 13A-4A-2A
13	10	23230	782	QPSK	1	0	5230	751	48	20	55830	3609	48	20	56028	3628.8	22.72	23.05	CA 13A-48A
13	10	23230	782	QPSK	1	0	5230	751	66	15	66886	2155	66	5	66979	2164.3	22.77	23.05	CA 13A-66B
13	10	23230	782	QPSK	1	0	5230	751	66	20	66886	2155	66	20	67084	2174.8	22.71	23.05	CA 13A-66C
14	10	23330	793	QPSK	1	0	5330	763	2	20	900	1960	2	5	1175	1987.5	22.83	23.11	CA 14A-2A-2A
25	20	26140	1860	QPSK	1	0	8140	1940	41	20	40620	2593	41	20	40818	2612.8	22.83	23.01	CA 25A-41C
26	15	26865	831.5	QPSK	1														

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 (DL) 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 TxPower with DL CA active (dBm)	LTE TxPower with DL CA inactive (dBm)	Configurations	
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	5	10	2525	881.5	5	10	2624	891.4	22.34	22.76	CA 2A-2A-5B	
2	20	18900	1880	QPSK	1	0	900	1960	2	1175	5	66886	2155	66	15	66886	2155	66	20	67084	2174.8	22.44	22.76	CA 2A-2A-66B
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	66	20	66886	2155	66	20	67084	2174.8	22.58	22.76	CA 2A-2A-66C	
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	5	10	2525	881.5	5	10	2624	891.4	22.60	22.76	CA 2A-4A-5B	
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	10	2624	891.4	30	10	9820	2355	22.49	22.76	CA 2A-5B-30A	
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	48	20	56150	3641	48	20	56348	3660.8	22.47	22.76	CA 2A-5A-48C	
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	66	15	66886	2155	66	5	66979	2164.3	22.36	22.76	CA 2A-5A-66B	
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	66	20	66886	2155	66	20	67084	2174.8	22.58	22.76	CA 2A-5A-66C	
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	10	2624	891.4	66	20	66886	2155	22.30	22.76	CA 2A-5B-66A	
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	2	20	900	1960	5	10	2525	881.5	5	10	2624	891.4	22.50	22.87	CA 4A-2A-5B	
5	10	20600	844	QPSK	1	0	2600	889	48	20	56150	3641	48	20	56348	3660.8	48	20	56546	3680.6	22.88	23.22	CA 5A-48D	
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	2	5	1175	1987.5	22.87	23.22	CA 5B-2A-2A	
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	4	20	2175	2132.5	2	20	900	1960	22.94	23.22	CA 5B-4A-2A	
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	2	20	900	1960	30	10	9820	2355	22.93	23.22	CA 5B-2A-30A	
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	48	20	56150	3641	48	20	56348	3660.8	22.89	23.22	CA 5A-2A-48C	
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	66	15	66886	2155	66	5	66979	2164.3	22.88	23.22	CA 5A-2A-66B	
5	10	20600	844	QPSK	1	0	2600	889	66	15	66886	2155	66	5	66979	2164.3	2	20	900	1960	22.94	23.22	CA 5A-66B-2A	
5	10	20600	844	QPSK	1	0	2600	889	2	20	900	1960	66	20	66886	2155	66	20	67084	2174.8	22.92	23.22	CA 5A-2A-66C	
5	10	20600	844	QPSK	1	0	2600	889	66	20	66886	2155	66	20	67084	2174.8	2	20	900	1960	22.97	23.22	CA 5A-66C-2A	
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	66	20	66886	2155	23.10	23.22	CA 5B-2A-66A	
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	66	20	66886	2155	2	20	900	1960	22.83	23.22	CA 5B-66A-2A	
13	10	23230	782	QPSK	1	0	5230	751	48	20	56150	3641	48	20	56348	3660.8	48	20	56546	3680.6	22.76	23.05	CA 13A-48D	
25	20	26140	1680	QPSK	1	0	8140	1940	41	20	46820	2593	41	20	46818	2612.8	41	20	47015	2632.6	22.67	23.01	CA 25A-41D	
30	10	27710	2310	QPSK	1	0	9820	2355	5	10	2525	881.5	5	10	2624	891.4	2	20	900	1960	22.71	22.82	CA 30A-5B-2A	
36	15	132322	1745	QPSK	1	0	66786	2145	66	5	66879	2154.3	2	20	900	1960	2	5	1175	1987.5	22.67	23.02	CA 66B-5A-2A	
66	20	132572	1770	QPSK	1	0	67236	2190	66	20	67434	2208.8	2	20	900	1960	2	5	1175	1987.5	22.68	23.02	CA 66C-2A-2A	
66	15	132322	1745	QPSK	1	0	66786	2145	66	5	66879	2154.3	5	10	2525	881.5	2	20	900	1960	22.80	23.02	CA 66B-5A-2A	
66	20	132572	1770	QPSK	1	0	67236	2190	5	10	2525	881.5	5	10	2624	891.4	2	20	900	1960	22.62	23.02	CA 66C-5A-2A	
66	20	132572	1770	QPSK	1	0	67236	2190	5	10	2525	881.5	5	10	2624	891.4	2	20	900	1960	22.69	23.02	CA 66A-5B-2A	
66	15	132322	1745	QPSK	1	0	66786	2145	66	5	66879	2154.3	48	20	56150	3641	48	20	56348	3660.8	22.86	23.02	CA 66B-48C	
66	20	132572	1770	QPSK	1	0	67236	2190	66	20	67434	2208.8	48	20	56150	3641	48	20	56348	3660.8	22.75	23.02	CA 66C-48C	
66	20	132572	1770	QPSK	1	0	67236	2190	48	20	56150	3641	48	20	56348	3660.8	48	20	56546	3680.6	22.69	23.02	CA 66A-48D	
41	20	40620	2593	QPSK	1	0	41055	2636.5	41	20	41253	2656.3	41	20	41451	2676.1	25	20	8340	1960	22.48	22.84	CA 41D-25A	
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	66	20	55736	3599.6	66	20	55934	3619.4	22.84	23.20	CA 48C-66C	
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	48	20	55736	3599.6	66	20	55934	3619.4	22.93	23.20	CA 48D-66A	
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	66	15	66886	2155	66	5	66979	2164.3	22.83	23.20	CA 48C-66B	
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	5	10	2525	881.5	2	20	900	1960	22.99	23.20	CA 48C-5A-2A	
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	48	20	55736	3599.6	4	20	2175	2132.5	22.94	23.20	CA 48D-4A	
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55538	3579.8	48	20	55736	3599.6	13	10	5230	751	22.98	23.20	CA 48D-13A	

LTE Downlink 5CA conducted power table

Five Component Carrier Maximum Conducted Power																											Power		Configurations
PCC								SCC 1				SCC 2				SCC 3				SCC 4									
PCC Band	PCC Bandwidth [MHz]	PCC (DL) 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 (UL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (UL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (UL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (UL) Frequency [MHz]	LTE TxPower with DL CA active (dBm)	LTE TxPower with DL CA inactive (dBm)			
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	48	20	56330	3609	48	20	56526	3628.8	48	20	56236	3648.6	22.25	22.76	CA 2A-5A-48D		
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	10	2624	891.4	66	15	66886	2155	66	5	66979	2164.3	22.52	22.76	CA 2A-5B-66B		
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	5	10	2723	901.3	66	20	66886	2155	66	30	67084	2174.8	22.58	22.76	CA 2A-5B-66C		
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	56330	3609	48	20	56526	3628.8	48	20	56624	3648.6	48	20	56424	3668.4	22.54	22.87	CA 4A-48E		
5	10	20600	844	QPSK	1	0	2600	889	48	20	56330	3609	48	20	56526	3628.8	48	20	56624	3668.4	48	20	56424	3668.4	22.82	23.22	CA 5A-4A-48E		
5	10	20600	844	QPSK	1	0	2600	889	48	20	56330	3628.8	48	20	56526	3628.8	48	20	56624	3668.4	48	20	56424	3668.4	23.09	23.22	CA 5A-48E		
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	66	15	66886	2155	66	5	66979	2164.3	22.83	23.22	CA 5B-2A-66B		
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	2	20	900	1960	66	20	66886	2155	66	20	67084	2174.8	22.84	23.22	CA 5B-2A-66C		
5	10	20600	844	QPSK	1	0	2600	889	5	10	2699	898.9	66	20	66886	2155	66	20	67084	2174.8	22.87	23.22	CA 5B-66C-2A						
13	10	23230	782	QPSK	1	0	5230	751	48	20	56330	3609	48	20	56526	3628.8	48	20	56624	3648.6	48	20	56424	3668.4	22.83	23.06	CA 13A-48E		
66	15	132352	1745	QPSK	1	0	66786	2145	66	5	66879	2154.3	5	10	2525	881.5	5	10	2624	891.4	2	20	900	1960	22.64	23.20	CA 66C-5A-2A		
66	20	132572	1770	QPSK	1	0	67236	2209.8	66	5	7025	881.5	5	10	2525	881.5	2	20	900	1960	22.70	23.02	CA 66C-5B-2A						
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55338	3579.8	48	20	55176	3599.6	5	10	2525	881.5	2	20	900	1960	22.84	23.20	CA 48E-5A-2A		
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55338	3579.8	48	20	55338	3579.8	48	20	55087	3611.7	48	20	55087	3611.7	22.86	23.20	CA 48E-5A-2A		
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55338	3579.8	48	20	55338	3579.8	48	20	55087	3611.7	48	20	55087	3611.7	22.86	23.20	CA 48E-5A-2A		
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55338	3579.8	48	20	55338	3579.8	48	20	55087	3611.7	48	20	55087	3611.7	22.86	23.20	CA 48E-5A-2A		
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55338	3579.8	48	20	55338	3579.8	48	20	55087	3611.7	13	10	5230	751	22.93	23.20	CA 48E-13A		
48	20	55340	3560	QPSK	1	0	55340	3560	48	20	55338	3579.8	48	20	55338	3579.8	48	20	55087	3611.7	13	10	5230	751	22.93	23.20	CA 48E-13A		

LTE CA information**A)**

The device supports downlink LTE Carrier Aggregation (CA) only. 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.

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.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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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 #1	CA 2A-5B			4CC #1	CA 2A-4B			5CC #1	CA 2A-5A-4B		
2CC #2	CA 2A-4A		3CC #21	3CC #2	CA 2A-5A-2A	No	No	4CC #2	CA 2A-2A-3B		No	5CC #2	CA 2A-5B-6B		No
2CC #3	CA 2A-5A		3CC #2	3CC #3	CA 2A-12A-2A	No	No	4CC #3	CA 2A-2A-6B		No	5CC #3	CA 2A-5B-6B		No
2CC #4	CA 2A-7A		3CC #23	3CC #4	CA 2A-13A-2A	No	No	4CC #4	CA 2A-2A-6B		No	5CC #4	CA 2A-4B		No
2CC #5	CA 2A-12A		3CC #5	3CC #5	CA 2A-14A-2A	No	No	4CC #5	CA 2A-4A-5B		No	5CC #5	CA 2A-4B		No
2CC #6	CA 2A-13A		3CC #4	3CC #6	CA 2A-5A-4A	No	No	4CC #6	CA 2A-5B-30A		No	5CC #6	CA 2A-2A-4B		No
2CC #7	CA 2A-14A		3CC #5	3CC #7	CA 2A-13A-4A	No	No	4CC #7	CA 2A-5A-4B		No	5CC #7	CA 2A-4B		No
2CC #8	CA 2A-17A		No	3CC #8	CA 2A-4B-5A	No	No	4CC #8	CA 2A-5A-6B		No	5CC #8	CA 2A-5B-6B		No
2CC #9	CA 2A-30A		3CC #13	3CC #9	CA 2A-2A-4A	No	No	4CC #9	CA 2A-5A-6B		No	5CC #9	CA 2A-5B-6B		No
2CC #10	CA 2A-4B		3CC #8	3CC #10	CA 2A-2A-5A	No	No	4CC #10	CA 2A-5B-6B		No	5CC #10	CA 2A-5B-6B		No
2CC #11	CA 2A-6B		3CC #13	3CC #11	CA 2A-4B-6C	No	No	4CC #11	CA 2A-5A-6B		No	5CC #11	CA 2A-5B-6B		No
2CC #12	CA 2A-7A		3CC #20	3CC #12	CA 2A-6B	No	No	4CC #12	CA 2A-4B		No	5CC #12	CA 2A-4B		No
2CC #13	CA 2A-2A		3CC #34	3CC #13	CA 2A-6B	No	No	4CC #13	CA 2A-4B		No	5CC #13	CA 2A-4B		No
2CC #14	CA 4A-4A		3CC #35	3CC #14	CA 2A-6B	No	No	4CC #14	CA 2A-4B		No	5CC #14	CA 2A-4B		No
2CC #15	CA 4A-5A		3CC #36	3CC #15	CA 2A-2A-12A	No	No	4CC #15	CA 2A-4A-2A		No	5CC #15	CA 2A-4A-2A		No
2CC #16	CA 4A-7A		3CC #38	3CC #16	CA 2A-2A-13A	No	No	4CC #16	CA 2A-4A-2A		No	5CC #16	CA 2A-4A-2A		No
2CC #17	CA 4A-12A		3CC #40	3CC #17	CA 2A-2A-14A	No	No	4CC #17	CA 2A-4A-2A		No	5CC #17	CA 2A-4A-2A		No
2CC #18	CA 4A-13A		3CC #41	3CC #18	CA 2A-2A-30A	No	No	4CC #18	CA 2A-4A-2A		No	5CC #18	CA 2A-4A-2A		No
2CC #19	CA 4A-17A		No	3CC #19	CA 2A-2A-6A	No	No	4CC #19	CA 2A-4A-2A		No	5CC #19	CA 2A-4A-2A		No
2CC #20	CA 4A-30A		3CC #43	3CC #20	CA 2A-2A-7A	No	No	4CC #20	CA 2A-4A-2A		No	5CC #20	CA 2A-4A-2A		No
2CC #21	CA 4A-4B		No	3CC #21	CA 2A-4A-4A	No	No	4CC #21	CA 2A-4A-2A		No	5CC #21	CA 2A-4A-2A		No
2CC #22	CA 4A-7A		3CC #27	3CC #22	CA 2A-4A-5A	No	No	4CC #22	CA 2A-4A-2A		No	5CC #22	CA 2A-4A-2A		No
2CC #23	CA 5A-2A		3CC #48	3CC #23	CA 2A-4A-7A	No	No	4CC #23	CA 2A-4A-2A		No	5CC #23	CA 2A-4A-2A		No
2CC #24	CA 5A-4A		3CC #48	3CC #24	CA 2A-4A-12A	No	No	4CC #24	CA 2A-4A-2A		No	5CC #24	CA 2A-4A-2A		No
2CC #25	CA 5A-5A		No	3CC #25	CA 2A-4A-13A	No	No	4CC #25	CA 2A-4A-2A		No	5CC #25	CA 2A-4A-2A		No
2CC #26	CA 5A-7A		No	3CC #26	CA 2A-4A-30A	No	No	4CC #26	CA 2A-4A-2A		No	5CC #26	CA 2A-4A-2A		No
2CC #27	CA 5A-30A		3CC #29	3CC #27	CA 2A-4A-7A	No	No	4CC #27	CA 2A-4A-2A		No	5CC #27	CA 2A-4A-2A		No
2CC #28	CA 5A-4B		3CC #30	3CC #28	CA 2A-5A-5A	No	No	4CC #28	CA 2A-4A-2A		No	5CC #28	CA 2A-4A-2A		No
2CC #29	CA 5A-6B		3CC #31	3CC #29	CA 2A-5A-30A	No	No	4CC #29	CA 2A-4A-2A		No	5CC #29	CA 2A-4A-2A		No
2CC #30	CA 7A-2A		3CC #62	3CC #30	CA 2A-5A-6A	No	No	4CC #30	CA 2A-4A-2A		No	5CC #30	CA 2A-4A-2A		No
2CC #31	CA 7A-4A		3CC #62	3CC #31	CA 2A-5A-6A	No	No	4CC #31	CA 2A-4A-2A		No	5CC #31	CA 2A-4A-2A		No
2CC #32	CA 7A-5A		No	3CC #32	CA 2A-12A-30A	No	No	4CC #32	CA 2A-4A-2A		No	5CC #32	CA 2A-4A-2A		No
2CC #33	CA 7A-7A		No	3CC #33	CA 2A-12A-6A	No	No	4CC #33	CA 2A-4A-2A		No	5CC #33	CA 2A-4A-2A		No
2CC #34	CA 12A-2A		3CC #63	3CC #34	CA 4A-2A-2A	No	No	4CC #34	CA 2A-4A-2A		No	5CC #34	CA 2A-4A-2A		No
2CC #35	CA 12A-4A		3CC #64	3CC #35	CA 4A-2A-4A	No	No	4CC #35	CA 2A-4A-2A		No	5CC #35	CA 2A-4A-2A		No
2CC #36	CA 12A-30A		3CC #65	3CC #36	CA 4A-2A-5A	No	No	4CC #36	CA 2A-4A-2A		No	5CC #36	CA 2A-4A-2A		No
2CC #37	CA 12A-6B		3CC #33	3CC #37	CA 4A-5A-2A	No	No	4CC #37	CA 2A-4A-2A		No	5CC #37	CA 2A-4A-2A		No
2CC #38	CA 13A-2A		3CC #67	3CC #38	CA 4A-2A-7A	No	No	4CC #38	CA 2A-4A-2A		No	5CC #38	CA 2A-4A-2A		No
2CC #39	CA 13A-4A		3CC #68	3CC #39	CA 4A-2A-12A	No	No	4CC #39	CA 2A-4A-2A		No	5CC #39	CA 2A-4A-2A		No
2CC #40	CA 13A-4B		No	3CC #40	CA 4A-12A-2A	No	No	4CC #40	CA 2A-4A-2A		No	5CC #40	CA 2A-4A-2A		No
2CC #41	CA 13A-6B		No	3CC #41	CA 4A-2A-13A	No	No	4CC #41	CA 2A-4A-2A		No	5CC #41	CA 2A-4A-2A		No
2CC #42	CA 14A-2A		3CC #72	3CC #42	CA 4A-13A-2A	No	No	4CC #42	CA 2A-4A-2A		No	5CC #42	CA 2A-4A-2A		No
2CC #43	CA 14A-30A		No	3CC #43	CA 4A-2A-30A	No	No	4CC #43	CA 2A-4A-2A		No	5CC #43	CA 2A-4A-2A		No
2CC #44	CA 14A-6B		No	3CC #44	CA 4A-2A-7A	No	No	4CC #44	CA 2A-4A-2A		No	5CC #44	CA 2A-4A-2A		No
2CC #45	CA 17A-2A		No	3CC #45	CA 4A-5B	No	No	4CC #45	CA 2A-4A-2A		No	5CC #45	CA 2A-4A-2A		No
2CC #46	CA 17A-4A		No	3CC #46	CA 4A-6C	No	No	4CC #46	CA 2A-4A-2A		No	5CC #46	CA 2A-4A-2A		No
2CC #47	CA 25A-2A		No	3CC #47	CA 5B-2A	No	No	4CC #47	CA 2A-4A-2A		No	5CC #47	CA 2A-4A-2A		No
2CC #48	CA 25A-4A		No	3CC #48	CA 5A-2A-5A	No	No	4CC #48	CA 2A-4A-2A		No	5CC #48	CA 2A-4A-2A		No
2CC #49	CA 25A-4B		No	3CC #49	CA 5A-4A-4A	No	No	4CC #49	CA 2A-4A-2A		No	5CC #49	CA 2A-4A-2A		No
2CC #50	CA 25A-5A		No	3CC #50	CA 5A-2A-5A	No	No	4CC #50	CA 2A-4A-2A		No	5CC #50	CA 2A-4A-2A		No
2CC #51	CA 26A-4A		No	3CC #51	CA 5A-2A-30A	No	No	4CC #51	CA 2A-4A-2A		No	5CC #51	CA 2A-4A-2A		No
2CC #52	CA 30A-2A		3CC #76	3CC #52	CA 5A-2A-4B	No	No	4CC #52	CA 2A-4A-2A		No	5CC #52	CA 2A-4A-2A		No
2CC #53	CA 30A-4A		3CC #76	3CC #53	CA 5A-4B-2A	No	No	4CC #53	CA 2A-4A-2A		No	5CC #53	CA 2A-4A-2A		No
2CC #54	CA 30A-5A		3CC #77	3CC #54	CA 5A-2A-6A	No	No	4CC #54	CA 2A-4A-2A		No	5CC #54	CA 2A-4A-2A		No
2CC #55	CA 30A-12A		3CC #78	3CC #55	CA 5A-6A-2A	No	No	4CC #55	CA 2A-4A-2A		No	5CC #55	CA 2A-4A-2A		No
2CC #56	CA 30A-14A		No	3CC #56	CA 5B-4A	No	No	4CC #56	CA 2A-4A-2A		No	5CC #56	CA 2A-4A-2A		No
2CC #57	CA 30A-6B		No	3CC #57	CA 5B-30A	No	No	4CC #57	CA 2A-4A-2A		No	5CC #57	CA 2A-4A-2A		No
2CC #58	CA 41A-2A		No	3CC #58	CA 5A-4B	No	No	4CC #58	CA 2A-4A-2A		No	5CC #58	CA 2A-4A-2A		No
2CC #59	CA 41A-3B		No	3CC #59	CA 5A-6B	No	No	4CC #59	CA 2A-4A-2A		No	5CC #59	CA 2A-4A-2A		No
2CC #60	CA 41A-4A		No	3CC #60	CA 5A-6B	No	No	4CC #60	CA 2A-4A-2A		No	5CC #60	CA 2A-4A-2A		No
2CC #61	CA 48A-2A		3CC #101	3CC #61	CA 5B-6B	No	No	4CC #61	CA 2A-4A-2A		No	5CC #61	CA 2A-4A-2A		No
2CC #62	CA 48A-4A		No	3CC #62	CA 7A-4A-2A	No	No	4CC #62	CA 2A-4A-2A		No	5CC #62	CA 2A-4A-2A		No
2CC #63	CA 48A-5A		3CC #101	3CC #63	CA 12A-2A-2A	No	No	4CC #63	CA 2A-4A-2A		No	5CC #63	CA 2A-4A-2A		No
2CC #64	CA 48A-13A		No	3CC #64	CA 12A-4A-2A	No	No	4CC #64	CA 2A-4A-2A		No	5CC #64	CA 2A-4A-2A		No
2CC #65	CA 48A-4B		No	3CC #65	CA 12A-2A-30A	No	No	4CC #65	CA 2A-4A-2A		No	5CC #65	CA 2A-4A-2A		No
2CC #66	CA 48A-6B		No	3CC #66	CA 12A-6C	No	No	4CC #66	CA 2A-4A-2A		No	5CC #66	CA 2A-4A-2A		No
2CC #67	CA 66A-2A		3CC #85	3CC #67	CA 13A-2A-2A	No	No	4CC #67	CA 2A-4A-2A		No	5CC #67	CA 2A-4A-2A		No
2CC #68	CA 66A-5A		3CC #86	3CC #68	CA 13A-4A-2A	No	No	4CC #68	CA 2A-4A-2A		No	5CC #68	CA 2A-4A-2A		No
2CC #69	CA 66A-12A		No	3CC #69	CA 13A-6C	No	No	4CC #69	CA 2A-4A-2A		No	5CC #69	CA 2A-4A-2A		No
2CC #70	CA 66A-13A		No	3CC #70	CA 13A-6B	No	No	4CC #70	CA 2A-4A-2A		No	5CC #70	CA 2A-4A-2A		No
2CC #71	CA 66A-14A		No	3CC #71	CA 13A-6C	No	No	4CC #71	CA 2A-4A-2A		No	5CC #71	CA 2A-4A-2A		No
2CC #72	CA 66A-30A		No	3CC #72	CA 14A-2A-2A	No	No	4CC #72	CA 2A-4A-2A		No	5CC #72	CA 2A-4A-2A		No
2CC #73	CA 66A-4B		No	3CC #73	CA 25A-41C	No	No	4CC #73	CA 2A-4A-2A		No	5CC #73	CA 2A-4A-2A		No
2CC #74	CA 66A-6B		No	3CC #74	CA 26A-41C	No	No	4CC #74	CA 2A-4A-2A		No	5CC #74	CA 2A-4A-2A		No
2CC #75	CA 66A-7A		No	3CC #75	CA 30A-2A-2A	No	No	4CC #75	CA 2A-4A-2A		No	5CC #75	CA 2A-4A-2A		No
2CC #76	CA 71A-2A		3CC #98	3CC #76	CA 30A-4A-2A	No	No	4CC #76	CA 2A-4A-2A		No	5CC #76	CA 2A-4A-2A		No
2CC #77	CA 71A-4A		3CC #99	3CC #77	CA 30A-5A-2A	No	No	4CC #77	CA 2A-4A-2A		No	5CC #77	CA 2A-4A-2A		No
2CC #78	CA 71A-6B		No	3CC #78	CA 30A-12A-2A	No	No	4CC #78	CA 2A-4A-2A		No	5CC #78	CA 2A-4A-2A		No
2CC #79	CA 2C		3CC #82	3CC #79	CA 30A-5B	No	No	4CC #79	CA 2A-4A-2A		No	5CC #79	CA 2A-4A-2A		No
2CC #80	CA 5B		3CC #79	3CC #80	CA 41C-2A	No	No	4CC #80	CA 2A-4A-2A		No	5CC #80	CA 2A-4A-2A		No
2CC #81	CA 7C		No	3CC #81	CA 41C-3B	No	No	4CC #81	CA 2A-4A-2A		No	5CC #81	CA 2A-4A-2A		No
2CC #82	CA 3B		No	3CC #82	CA 66A-2C	No	No	4CC #82	CA 2A-4A-2A		No	5CC #82	CA 2A-4A-2A		No
2CC #83	CA 41C		3CC #83	3CC #83	CA 66B-2A	No	No	4CC #83	CA 2A-4A-2A		No	5CC #83	CA 2A-4A-2A		No
2CC #84	CA 4B		3CC #100	3CC #84	CA 66C-2A	No	No	4CC #84	CA 2A-4A-2A		No	5CC #84	CA 2A-4A-2A		No
2CC #85	CA 66B		3CC #84	3CC #85	CA 66A-2A-2A	No	No	4CC #85	CA 2A-4A-2A		No	5CC #85	CA 2A-4A-2A		No
2CC #86	CA 66C		3CC #95	3CC #86	CA 66A-5A-2A	No	No	4CC #86	CA 2A-4A-2A		No	5CC #86	CA 2A-4A-2A		

5.5 LTE Intra-Band UL CA

Notebook mode

CA_5B_NB mode														
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	829	20450	1	49	10	QPSK	838.9	20549	1	0	0	22.99	24.00
10	QPSK	831.6	20476	1	49	10	QPSK	841.5	20575	1	0	0	22.86	24.00
10	QPSK	834.1	20501	1	49	10	QPSK	844	20600	1	0	0	22.92	24.00
Combination 50RB + 25RB (10MHz + 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)
10	QPSK	829	20450	1	49	5	QPSK	836.2	20522	1	0	0	22.93	24.00
10	QPSK	834	20500	1	49	5	QPSK	841.2	20572	1	0	0	22.97	24.00
10	QPSK	839	20550	1	49	5	QPSK	846.2	20622	1	0	0	22.93	24.00

CA_7C_NB mode														
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	50	0	22.37	24.00
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	0	0	22.35	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	36	0	22.41	24.00
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	0	0	22.30	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	36	0	22.38	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	12	0	22.36	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	12	0	22.22	24.00

CA_66B_NB mode														
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	22.74	24.00
10	QPSK	1750.1	132373	1	49	10	QPSK	1760	132472	1	0	0	22.50	24.00
10	QPSK	1765.1	132523	1	49	10	QPSK	1775	132622	1	0	0	22.81	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	22.44	24.00
5	QPSK	1748.1	132353	1	24	15	QPSK	1757.4	132446	1	0	0	22.41	24.00
5	QPSK	1763.2	132504	1	24	15	QPSK	1772.5	132597	1	0	0	22.36	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	22.55	24.00
5	QPSK	1750.3	132375	1	24	10	QPSK	1757.5	132447	1	0	0	22.71	24.00
5	QPSK	1767.8	132550	1	24	10	QPSK	1775	132622	1	0	0	22.50	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	22.57	24.00
5	QPSK	1752.6	132398	1	24	5	QPSK	1757.4	132446	1	0	0	22.61	24.00
5	QPSK	1772.7	132599	1	24	5	QPSK	1777.5	132647	1	0	0	22.35	24.00

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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CA_66C_NB mode														
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	22.37	24.00
20	QPSK	1745.1	132323	1	99	20	QPSK	1764.9	132521	1	0	0	22.82	24.00
20	QPSK	1750.2	132374	1	99	20	QPSK	1770	132572	1	0	0	22.72	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	22.42	24.00
15	QPSK	1745.3	132325	1	74	20	QPSK	1762.4	132496	1	0	0	22.47	24.00
15	QPSK	1752.9	132401	1	74	20	QPSK	1770	132572	1	0	0	22.41	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	22.81	24.00
15	QPSK	1747.5	132347	1	74	15	QPSK	1762.5	132497	1	0	0	22.76	24.00
15	QPSK	1757.5	132447	1	74	15	QPSK	1772.5	132597	1	0	0	22.50	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	22.34	24.00
10	QPSK	1745.6	132328	1	49	20	QPSK	1760	132472	1	0	0	22.51	24.00
10	QPSK	1755.6	132428	1	49	20	QPSK	1770	132572	1	0	0	22.66	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	22.58	24.00
10	QPSK	1747.9	132351	1	49	15	QPSK	1759.9	132471	1	0	0	22.68	24.00
10	QPSK	1760.5	132477	1	49	15	QPSK	1772.5	132597	1	0	0	22.34	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	22.77	24.00
20	QPSK	1752.5	132397	1	99	5	QPSK	1764.2	132514	1	0	0	22.61	24.00
20	QPSK	1765	132522	1	99	5	QPSK	1776.7	132639	1	0	0	22.41	24.00

CA_38C_NB mode														
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	2580	37850	1	99	20	QPSK	2599.8	38048	1	0	0	22.46	24.00
20	QPSK	2585.1	37901	1	99	20	QPSK	2604.9	38099	1	0	0	22.29	24.00
20	QPSK	2590.2	37952	1	99	20	QPSK	2610	38150	1	0	0	22.14	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	2577.5	37825	1	74	15	QPSK	2592.5	37975	1	0	0	22.25	24.00
15	QPSK	2587.5	37925	1	74	15	QPSK	2602.5	38075	1	0	0	22.18	24.00
15	QPSK	2597.5	38025	1	74	15	QPSK	2612.5	38175	1	0	0	22.42	24.00

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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CA_41C_NB mode														
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	0	0	22.34	24.00
20	QPSK	2506	39750	1	0	20	QPSK	2525.8	39948	1	99	0	22.25	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	0	0	22.23	24.00
20	QPSK	2506	39750	1	0	15	QPSK	2523.1	39921	1	74	0	22.40	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	0	0	22.57	24.00
15	QPSK	2503.5	39725	1	0	15	QPSK	2518.5	39875	1	74	0	22.41	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	0	0	22.50	24.00
20	QPSK	2506	39750	1	0	10	QPSK	2520.4	39894	1	49	0	22.25	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	0	0	22.48	24.00
15	QPSK	2503.5	39725	1	0	10	QPSK	2515.5	39845	1	49	0	22.61	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	0	0	22.32	24.00
20	QPSK	2506	39750	1	0	5	QPSK	2517.7	39867	1	24	0	22.30	24.00

CA_42C_NB mode														
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	3590	43490	1	0	20	QPSK	3570.2	43292	1	0	0	23.06	24.00

CA_48C_NB mode														
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	20.81	22.00
20	QPSK	3615.1	55891	1	99	20	QPSK	3634.9	56089	1	0	0	20.77	22.00
20	QPSK	3670.2	56442	1	99	20	QPSK	3690	56640	1	0	0	21.19	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	20.82	22.00
15	QPSK	3615.3	55893	1	74	20	QPSK	3632.4	56064	1	0	0	21.17	22.00
15	QPSK	3672.9	56469	1	74	20	QPSK	3690	56640	1	0	0	21.18	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	21.08	22.00
10	QPSK	3615.6	55896	1	49	20	QPSK	3630	56040	1	0	0	21.10	22.00
10	QPSK	3675.6	56496	1	49	20	QPSK	3690	56640	1	0	0	20.99	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	21.19	22.00
5	QPSK	3615.8	55898	1	24	20	QPSK	3627.5	56015	1	0	0	21.06	22.00
5	QPSK	3678.3	56523	1	24	20	QPSK	3690	56640	1	0	0	20.92	22.00

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Tablet mode

CA_5B_TB mode														
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	829	20450	1	49	10	QPSK	838.9	20549	1	0	0	17.89	18.50
10	QPSK	831.6	20476	1	49	10	QPSK	841.5	20575	1	0	0	17.67	18.50
10	QPSK	834.1	20501	1	49	10	QPSK	844	20600	1	0	0	17.78	18.50
Combination 50RB + 25RB (10MHz + 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)
10	QPSK	829	20450	1	49	5	QPSK	836.2	20522	1	0	0	17.88	18.50
10	QPSK	834	20500	1	49	5	QPSK	841.2	20572	1	0	0	17.83	18.50
10	QPSK	839	20550	1	49	5	QPSK	846.2	20622	1	0	0	17.76	18.50

CA_7C_TB mode														
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	50	0	16.97	17.50
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	0	0	16.68	17.50
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	36	0	16.74	17.50
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	0	0	16.75	17.50
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	36	0	16.95	17.50
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	12	0	16.75	17.50
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	12	0	16.61	17.50

CA_66B_TB mode														
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	16.72	17.00
10	QPSK	1750.1	132373	1	49	10	QPSK	1760	132472	1	0	0	16.42	17.00
10	QPSK	1765.1	132523	1	49	10	QPSK	1775	132622	1	0	0	16.47	17.00
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	16.49	17.00
5	QPSK	1748.1	132353	1	24	15	QPSK	1757.4	132446	1	0	0	16.73	17.00
5	QPSK	1763.2	132504	1	24	15	QPSK	1772.5	132597	1	0	0	16.46	17.00
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	16.58	17.00
5	QPSK	1750.3	132375	1	24	10	QPSK	1757.5	132447	1	0	0	16.63	17.00
5	QPSK	1767.8	132550	1	24	10	QPSK	1775	132622	1	0	0	16.47	17.00
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	16.31	17.00
5	QPSK	1752.6	132398	1	24	5	QPSK	1757.4	132446	1	0	0	16.38	17.00
5	QPSK	1772.7	132599	1	24	5	QPSK	1777.5	132647	1	0	0	16.72	17.00

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CA_66C_TB mode															
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	16.81	17.00
20	QPSK	1745.1	132323	1	99	20	QPSK	1764.9	132521	1	0		0	16.72	17.00
20	QPSK	1750.2	132374	1	99	20	QPSK	1770	132572	1	0	0	16.63	17.00	
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	16.31	17.00
15	QPSK	1745.3	132325	1	74	20	QPSK	1762.4	132496	1	0		0	16.39	17.00
15	QPSK	1752.9	132401	1	74	20	QPSK	1770	132572	1	0	0	16.73	17.00	
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	16.55	17.00
15	QPSK	1747.5	132347	1	74	15	QPSK	1762.5	132497	1	0		0	16.52	17.00
15	QPSK	1757.5	132447	1	74	15	QPSK	1772.5	132597	1	0	0	16.44	17.00	
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	16.57	17.00
10	QPSK	1745.6	132328	1	49	20	QPSK	1760	132472	1	0		0	16.53	17.00
10	QPSK	1755.6	132428	1	49	20	QPSK	1770	132572	1	0	0	16.70	17.00	
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	16.45	17.00
10	QPSK	1747.9	132351	1	49	15	QPSK	1759.9	132471	1	0		0	16.72	17.00
10	QPSK	1760.5	132477	1	49	15	QPSK	1772.5	132597	1	0	0	16.75	17.00	
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	16.36	17.00
20	QPSK	1752.5	132397	1	99	5	QPSK	1764.2	132514	1	0		0	16.53	17.00
20	QPSK	1765	132522	1	99	5	QPSK	1776.7	132639	1	0	0	16.46	17.00	

CA_38C_TB mode														
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	2580	37850	1	99	20	QPSK	2599.8	38048	1	0	0	17.91	18.00
20	QPSK	2585.1	37901	1	99	20	QPSK	2604.9	38099	1	0	0	17.76	18.00
20	QPSK	2590.2	37952	1	99	20	QPSK	2610	38150	1	0	0	17.55	18.00
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	2577.5	37825	1	74	15	QPSK	2592.5	37975	1	0	0	17.44	18.00
15	QPSK	2587.5	37925	1	74	15	QPSK	2602.5	38075	1	0	0	17.41	18.00
15	QPSK	2597.5	38025	1	74	15	QPSK	2612.5	38175	1	0	0	17.43	18.00

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CA_41C_TB mode														
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	0	0	16.55	17.00
20	QPSK	2506	39750	1	0	20	QPSK	2525.8	39948	1	99	0	16.26	17.00
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	0	0	16.12	17.00
20	QPSK	2506	39750	1	0	15	QPSK	2523.1	39921	1	74	0	16.29	17.00
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	0	0	16.15	17.00
15	QPSK	2503.5	39725	1	0	15	QPSK	2518.5	39875	1	74	0	16.09	17.00
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	0	0	16.08	17.00
20	QPSK	2506	39750	1	0	10	QPSK	2520.4	39894	1	49	0	16.27	17.00
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	0	0	16.52	17.00
15	QPSK	2503.5	39725	1	0	10	QPSK	2515.5	39845	1	49	0	16.15	17.00
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	0	0	16.14	17.00
20	QPSK	2506	39750	1	0	5	QPSK	2517.7	39867	1	24	0	16.23	17.00

CA_42C_TB mode														
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	3590	43490	1	0	20	QPSK	3570.2	43292	1	0	0	15.14	15.50

CA_48C_TB mode														
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	15.19	15.50
20	QPSK	3615.1	55891	1	99	20	QPSK	3634.9	56089	1	0	0	15.04	15.50
20	QPSK	3670.2	56442	1	99	20	QPSK	3690	56640	1	0	0	14.77	15.50
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)
15	QPSK	3557.8	55318	1	74	20	QPSK	3574.9	55489	1	0	0	15.22	15.50
15	QPSK	3615.3	55893	1	74	20	QPSK	3632.4	56064	1	0	0	15.23	15.50
15	QPSK	3672.9	56469	1	74	20	QPSK	3690	56640	1	0	0	15.05	15.50
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)
10	QPSK	3555.5	55295	1	49	20	QPSK	3569.9	55439	1	0	0	14.78	15.50
10	QPSK	3615.6	55896	1	49	20	QPSK	3630	56040	1	0	0	15.24	15.50
10	QPSK	3675.6	56496	1	49	20	QPSK	3690	56640	1	0	0	14.87	15.50
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)
5	QPSK	3553.3	55273	1	24	20	QPSK	3565	55390	1	0	0	15.07	15.50
5	QPSK	3615.8	55898	1	24	20	QPSK	3627.5	56015	1	0	0	14.92	15.50
5	QPSK	3678.3	56523	1	24	20	QPSK	3690	56640	1	0	0	14.95	15.50

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5.6 FDD NR

Notebook mode

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)				1865	1880	1895		
Channel				373000	376000	379000		
30	Pi/2 BPSK	1	1	23.45	23.44	23.24	24.00	0.0
		1	80	23.30	23.31	23.04	24.00	0.0
		1	158	23.28	23.31	23.13	24.00	0.0
		80	0	23.01	23.00	22.69	23.50	0.5
		80	40	23.31	23.40	23.03	24.00	0.0
		80	80	22.90	22.90	22.63	23.50	0.5
		160	0	22.93	22.84	22.71	23.50	0.5
	QPSK	1	1	23.40	23.27	23.14	24.00	0.0
		1	80	23.36	23.30	23.06	24.00	0.0
		1	158	23.34	23.33	23.13	24.00	0.0
		80	0	22.35	22.30	22.10	23.00	1.0
		80	40	23.35	23.27	23.15	24.00	0.0
		80	80	22.33	22.30	22.13	23.00	1.0
		160	0	22.29	22.27	22.08	23.00	1.0
	16-QAM	1	1	22.33	22.31	22.13	23.00	1.0
	64QAM	1	1	20.80	20.79	20.61	21.50	2.5
	256-QAM	1	1	18.81	18.73	18.66	19.50	4.5
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1862.5	1880	1897.5		
Channel				372500	376000	379500		
25	Pi/2 BPSK	1	1	23.32	23.39	23.11	24.00	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				372000	376000	380000		
20	Pi/2 BPSK	1	1	23.33	23.29	23.12	24.00	0.0
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	23.34	23.28	23.13	24.00	0.0
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				371000	376000	381000		
10	Pi/2 BPSK	1	1	23.22	23.31	23.01	24.00	0.0
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	23.28	23.32	23.11	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)					836.5			
Channel					167300			
25	Pi/2 BPSK	1	1		22.28		24.00	0.0
		1	67		22.17		24.00	0.0
		1	131		22.11		24.00	0.0
		64	0		21.77		23.50	0.5
		64	32		22.14		24.00	0.0
		64	69		21.77		23.50	0.5
		128	0		21.74		23.50	0.5
	QPSK	1	1		22.14		24.00	0.0
		1	67		22.12		24.00	0.0
		1	131		22.15		24.00	0.0
		64	0		21.13		23.00	1.0
		64	32		22.13		24.00	0.0
		64	69		21.14		23.00	1.0
		128	0		21.11		23.00	1.0
	16-QAM	1	1		21.15		23.00	1.0
	64QAM	1	1		19.66		21.50	2.5
	256-QAM	1	1		17.65		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)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	22.16	22.13	22.13	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)				831.5	836.5	841.5		
Channel				166300	167300	168300		
15	Pi/2 BPSK	1	1	22.19	22.20	22.11	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)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	22.26	22.12	22.20	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)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	22.21	22.19	22.20	24.00	0.0

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5G NR n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	707.5	708.5		
Channel				141300	141500	141700		
15	Pi/2 BPSK	1	1	22.82	22.77	22.76	24.00	0.0
		1	40	22.70	22.68	22.69	24.00	0.0
		1	77	22.71	22.65	22.69	24.00	0.0
		36	0	22.28	22.26	22.23	23.50	0.5
		36	22	22.62	22.60	22.57	24.00	0.0
		36	43	22.36	22.32	22.26	23.50	0.5
		75	0	22.25	22.27	22.26	23.50	0.5
	QPSK	1	1	22.66	22.62	22.61	24.00	0.0
		1	40	22.70	22.71	22.59	24.00	0.0
		1	77	22.72	22.60	22.65	24.00	0.0
		36	0	21.71	21.58	21.68	23.00	1.0
		36	22	22.75	22.58	22.61	24.00	0.0
		36	43	21.70	21.63	21.65	23.00	1.0
		75	0	21.66	21.60	21.60	23.00	1.0
	16-QAM	1	1	21.70	21.64	21.65	23.00	1.0
	64QAM	1	1	20.22	20.18	20.15	21.50	2.5
	256-QAM	1	1	18.15	18.15	18.14	19.50	4.5
5G NR n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				704	707.5	711		
Channel				140800	141500	142200		
10	Pi/2 BPSK	1	1	22.70	22.69	22.63	24.00	0.0
5G NR n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				140300	141500	142700		
5	Pi/2 BPSK	1	1	22.73	22.65	22.60	24.00	0.0

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5G NR n14_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				793				
Channel				158600				
10	Pi/2 BPSK	1	1	22.77			24.00	0.0
		1	26	22.63			24.00	0.0
		1	49	22.60			24.00	0.0
		25	0	22.29			23.50	0.5
		25	13	22.68			24.00	0.0
		25	26	22.31			23.50	0.5
		50	0	22.28			23.50	0.5
	QPSK	1	1	22.59			24.00	0.0
		1	26	22.62			24.00	0.0
		1	49	22.59			24.00	0.0
		25	0	21.70			23.00	1.0
		25	13	22.67			24.00	0.0
		25	26	21.65			23.00	1.0
		50	0	21.61			23.00	1.0
	16-QAM	1	1	21.65			23.00	1.0
	64QAM	1	1	20.19			21.50	2.5
	256-QAM	1	1	18.22			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	22.53	22.58	22.60	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)				1872.5	1882.5	1892.5		
Channel				374500	376500	378500		
45	Pi/2 BPSK	1	1	22.41	22.57	22.74	24.00	0.0
		1	121	22.29	22.44	22.65	24.00	0.0
		1	240	22.31	22.45	22.62	24.00	0.0
		120	0	21.93	22.08	22.22	23.50	0.5
		120	60	22.30	22.46	22.56	24.00	0.0
		120	120	21.93	22.05	22.23	23.50	0.5
		240	0	21.92	22.04	22.24	23.50	0.5
	QPSK	1	1	22.27	22.51	22.60	24.00	0.0
		1	121	22.30	22.50	22.68	24.00	0.0
		1	240	22.33	22.39	22.67	24.00	0.0
		120	0	21.31	21.49	21.54	23.00	1.0
		120	60	22.29	22.41	22.62	24.00	0.0
		120	120	21.29	21.43	21.63	23.00	1.0
		240	0	21.25	21.40	21.58	23.00	1.0
	16-QAM	1	1	21.29	21.44	21.63	23.00	1.0
	64QAM	1	1	19.83	20.00	20.19	21.50	2.5
	256-QAM	1	1	17.79	17.93	18.13	19.50	4.5
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	22.32	22.41	22.62	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)				1867.5	1882.5	1897.5		
Channel				373500	376500	379500		
35	Pi/2 BPSK	1	1	22.29	22.49	22.66	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)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	22.34	22.42	22.67	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)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	22.32	22.53	22.62	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)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	22.22	22.43	22.73	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)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	22.37	22.43	22.65	24.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	22.35	22.39	22.63	24.00	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	22.33	22.53	22.62	24.00	0.0

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5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824	831.5	839		
Channel				164800	166300	167800		
20	Pi/2 BPSK	1	1	22.54	22.51	22.37	24.00	0.0
		1	53	22.38	22.41	22.30	24.00	0.0
		1	104	22.41	22.39	22.25	24.00	0.0
		50	0	21.99	21.96	21.81	23.50	0.5
		50	28	22.42	22.40	22.22	24.00	0.0
		50	56	22.02	21.98	21.86	23.50	0.5
		100	0	22.02	21.98	21.79	23.50	0.5
	QPSK	1	1	22.43	22.43	22.27	24.00	0.0
		1	53	22.38	22.44	22.23	24.00	0.0
		1	104	22.43	22.33	22.21	24.00	0.0
		50	0	21.36	21.36	21.26	23.00	1.0
		50	28	22.51	22.44	22.32	24.00	0.0
		50	56	21.42	21.37	21.26	23.00	1.0
		100	0	21.38	21.34	21.21	23.00	1.0
	16-QAM	1	1	21.42	21.38	21.26	23.00	1.0
	64QAM	1	1	19.97	19.89	19.77	21.50	2.5
	256-QAM	1	1	17.96	17.91	17.74	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)				821.5	831.5	841.5		
Channel				164300	166300	168300		
15	Pi/2 BPSK	1	1	22.49	22.41	22.22	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	22.38	22.38	22.24	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)				816.5	831.5	846.5		
Channel				163300	166300	169300		
5	Pi/2 BPSK	1	1	22.50	22.34	22.25	24.00	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	22.76	22.75	22.80	23.00	0.0
		1	53	22.64	22.65	22.76	23.00	0.0
		1	104	22.63	22.58	22.68	23.00	0.0
		50	0	22.27	22.16	22.28	22.50	0.5
		50	28	22.64	22.69	22.65	23.00	0.0
		50	56	22.25	22.22	22.33	22.50	0.5
		100	0	22.28	22.24	22.25	22.50	0.5
	QPSK	1	1	22.61	22.60	22.69	23.00	0.0
		1	53	22.56	22.64	22.74	23.00	0.0
		1	104	22.72	22.68	22.68	23.00	0.0
		50	0	21.59	21.63	21.71	22.00	1.0
		50	28	22.67	22.65	22.67	23.00	0.0
		50	56	21.64	21.61	21.69	22.00	1.0
		100	0	21.60	21.58	21.64	22.00	1.0
	16-QAM	1	1	21.64	21.62	21.69	22.00	1.0
	64QAM	1	1	20.16	20.12	20.18	20.50	2.5
	256-QAM	1	1	18.06	18.15	18.17	18.50	4.5
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	22.69	22.57	22.71	23.00	0.0
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133600	136100	138600		
10	Pi/2 BPSK	1	1	22.62	22.66	22.66	23.00	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	22.66	22.62	22.70	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)				1865	1880	1895		
Channel				373000	376000	379000		
30	Pi/2 BPSK	1	1	22.15	22.28	22.26	24.00	0.0
		1	80	22.09	22.11	22.06	24.00	0.0
		1	158	22.07	22.12	22.11	24.00	0.0
		80	0	21.59	21.79	21.77	23.50	0.5
		80	40	22.03	22.18	22.13	24.00	0.0
		80	80	21.60	21.77	21.74	23.50	0.5
		160	0	21.70	21.79	21.72	23.50	0.5
	QPSK	1	1	22.07	22.09	22.18	24.00	0.0
		1	80	22.03	22.10	22.19	24.00	0.0
		1	158	22.01	22.21	22.16	24.00	0.0
		80	0	21.03	21.08	21.16	23.00	1.0
		80	40	22.03	22.22	22.18	24.00	0.0
		80	80	21.03	21.14	21.15	23.00	1.0
		160	0	21.05	21.11	21.10	23.00	1.0
	16-QAM	1	1	21.03	21.15	21.15	23.00	1.0
	64QAM	1	1	19.52	19.61	19.59	21.50	2.5
	256-QAM	1	1	17.59	17.64	17.66	19.50	4.5
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1862.5	1880	1897.5		
Channel				372500	376000	379500		
25	Pi/2 BPSK	1	1	22.06	22.16	22.07	24.00	0.0
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				372000	376000	380000		
20	Pi/2 BPSK	1	1	22.00	22.15	22.18	24.00	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	22.03	22.14	22.20	24.00	0.0
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				371000	376000	381000		
10	Pi/2 BPSK	1	1	22.03	22.13	22.21	24.00	0.0
5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	22.05	22.11	22.12	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)				2525	2535	2545		
Channel				505000	507000	509000		
50	Pi/2 BPSK	1	1	22.47	22.32	22.38	24.00	0.0
		1	135	22.34	22.17	22.17	24.00	0.0
		1	268	22.42	22.15	22.22	24.00	0.0
		135	0	21.92	21.86	21.90	23.50	0.5
		135	67	22.39	22.27	22.26	24.00	0.0
		135	135	21.92	21.79	21.87	23.50	0.5
		270	0	21.92	21.78	21.85	23.50	0.5
	QPSK	1	1	22.31	22.19	22.20	24.00	0.0
		1	135	22.28	22.25	22.28	24.00	0.0
		1	268	22.27	22.18	22.30	24.00	0.0
		135	0	21.36	21.24	21.31	23.00	1.0
		135	67	22.34	22.15	22.28	24.00	0.0
		135	135	21.35	21.18	21.27	23.00	1.0
		270	0	21.31	21.15	21.22	23.00	1.0
	16-QAM	1	1	21.35	21.19	21.27	23.00	1.0
	64QAM	1	1	19.84	19.66	19.72	21.50	2.5
	256-QAM	1	1	17.88	17.70	17.76	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	22.36	22.16	22.29	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	22.39	22.23	22.24	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	22.37	22.22	22.28	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)				2512.5	2535	2557.5		
Channel				502500	507000	511500		
25	Pi/2 BPSK	1	1	22.32	22.27	22.35	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	22.36	22.19	22.30	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	22.33	22.14	22.26	24.00	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				501000	507000	513000		
10	Pi/2 BPSK	1	1	22.35	22.14	22.22	24.00	0.0

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5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	22.45	22.13	22.34	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)				1872.5	1882.5	1892.5		
Channel				374500	376500	378500		
45	Pi/2 BPSK	1	1	22.18	22.35	22.40	24.00	0.0
		1	121	22.06	22.27	22.20	24.00	0.0
		1	240	22.04	22.25	22.30	24.00	0.0
		120	0	21.64	21.85	21.95	23.50	0.5
		120	60	22.03	22.24	22.29	24.00	0.0
		120	120	21.64	21.89	21.87	23.50	0.5
		240	0	21.65	21.80	21.92	23.50	0.5
	QPSK	1	1	22.07	22.25	22.29	24.00	0.0
		1	121	22.07	22.24	22.26	24.00	0.0
		1	240	22.10	22.20	22.31	24.00	0.0
		120	0	21.02	21.25	21.22	23.00	1.0
		120	60	22.07	22.24	22.27	24.00	0.0
		120	120	21.06	21.21	21.29	23.00	1.0
		240	0	21.02	21.18	21.24	23.00	1.0
	16-QAM	1	1	21.06	21.22	21.29	23.00	1.0
	64QAM	1	1	19.57	19.73	19.78	21.50	2.5
	256-QAM	1	1	17.59	17.72	17.80	19.50	4.5
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	22.01	22.30	22.22	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)				1867.5	1882.5	1897.5		
Channel				373500	376500	379500		
35	Pi/2 BPSK	1	1	22.11	22.31	22.31	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)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	22.14	22.21	22.31	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)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	22.16	22.17	22.24	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)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	22.15	22.30	22.28	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)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	22.16	22.18	22.23	24.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	22.12	22.33	22.31	24.00	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	22.12	22.20	22.33	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		21.46		23.00	0.0
		1	26		21.36		23.00	0.0
		1	49		21.25		23.00	0.0
		25	0		20.96		22.50	0.5
		25	13		21.27		23.00	0.0
		25	26		20.89		22.50	0.5
		50	0		20.91		22.50	0.5
	QPSK	1	1		21.36		23.00	0.0
		1	26		21.34		23.00	0.0
		1	49		21.31		23.00	0.0
		25	0		20.30		22.00	1.0
		25	13		21.37		23.00	0.0
		25	26		20.34		22.00	1.0
		50	0		20.30		22.00	1.0
	16-QAM	1	1		20.34		22.00	1.0
	64QAM	1	1		18.86		20.50	2.5
	256-QAM	1	1		16.84		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	21.37	21.40	21.35	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	22.79	22.86	24.00	0.0
		1	121	22.87	22.67	22.70	24.00	0.0
		1	240	22.80	22.60	22.75	24.00	0.0
		120	0	22.42	22.31	22.27	23.50	0.5
		120	60	22.83	22.61	22.83	24.00	0.0
		120	120	22.42	22.32	22.34	23.50	0.5
		240	0	22.36	22.33	22.30	23.50	0.5
	QPSK	1	1	22.82	22.62	22.74	24.00	0.0
		1	121	22.81	22.66	22.72	24.00	0.0
		1	240	22.82	22.68	22.80	24.00	0.0
		120	0	21.79	21.67	21.75	23.00	1.0
		120	60	22.84	22.74	22.77	24.00	0.0
		120	120	21.81	21.65	21.75	23.00	1.0
		240	0	21.77	21.62	21.70	23.00	1.0
	16-QAM	1	1	21.81	21.66	21.75	23.00	1.0
	64QAM	1	1	20.36	20.15	20.25	21.50	2.5
	256-QAM	1	1	18.31	18.22	18.19	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	22.85	22.65	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)				1727.5	1745	1762.5		
Channel				345500	349000	352500		
35	Pi/2 BPSK	1	1	22.81	22.69	22.71	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	22.88	22.72	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)				1722.5	1745	1767.5		
Channel				344500	349000	353500		
25	Pi/2 BPSK	1	1	22.91	22.74	22.79	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	22.90	22.69	22.85	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	22.67	22.77	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	22.86	22.75	22.67	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	22.91	22.66	22.84	24.00	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1865	1880	1895		
Channel				373000	376000	379000		
30	Pi/2 BPSK	1	1	15.98	15.96	15.93	16.00	0.0
		1	80	15.84	15.84	15.85	16.00	0.0
		1	158	15.95	15.79	15.78	16.00	0.0
		80	0	15.45	15.42	15.45	15.50	0.5
		80	40	15.85	15.81	15.76	16.00	0.0
		80	80	15.43	15.42	15.43	15.50	0.5
		160	0	15.40	15.49	15.38	15.50	0.5
	QPSK	1	1	15.91	15.83	15.83	16.00	0.0
		1	80	15.84	15.88	15.81	16.00	0.0
		1	158	15.88	15.88	15.76	16.00	0.0
		80	0	14.77	14.87	14.83	15.00	1.0
		80	40	15.87	15.80	15.87	16.00	0.0
		80	80	14.86	14.82	14.82	15.00	1.0
		160	0	14.82	14.79	14.77	15.00	1.0
	16-QAM	1	1	14.86	14.83	14.82	15.00	1.0
	64QAM	1	1	13.27	13.39	13.32	13.50	2.5
	256-QAM	1	1	11.33	11.39	11.32	11.50	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)				1862.5	1880	1897.5		
Channel				372500	376000	379500		
25	Pi/2 BPSK	1	1	15.86	15.83	15.85	16.00	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)				1860	1880	1900		
Channel				372000	376000	380000		
20	Pi/2 BPSK	1	1	15.84	15.82	15.77	16.00	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	15.83	15.87	15.77	16.00	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	15.81	15.82	15.72	16.00	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	15.83	15.82	15.76	16.00	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)					836.5			
Channel					167300			
25	Pi/2 BPSK	1	1		18.06		18.50	0.0
		1	67		18.00		18.50	0.0
		1	131		17.97		18.50	0.0
		64	0		17.55		18.00	0.5
		64	32		17.95		18.50	0.0
		64	69		17.55		18.00	0.5
		128	0		17.51		18.00	0.5
	QPSK	1	1		17.99		18.50	0.0
		1	67		17.99		18.50	0.0
		1	131		17.93		18.50	0.0
		64	0		16.93		17.50	1.0
		64	32		17.95		18.50	0.0
		64	69		16.92		17.50	1.0
		128	0		16.89		17.50	1.0
	16-QAM	1	1		16.93		17.50	1.0
	64QAM	1	1		15.45		16.00	2.5
	256-QAM	1	1		13.36		14.00	4.5
5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	17.98	17.95	17.93	18.50	0.0
5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				831.5	836.5	841.5		
Channel				166300	167300	168300		
15	Pi/2 BPSK	1	1	18.02	17.87	17.84	18.50	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	18.02	17.87	17.84	18.50	0.0
5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	18.01	17.86	17.82	18.50	0.0

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5G NR n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	707.5	708.5		
Channel				141300	141500	141700		
15	Pi/2 BPSK	1	1	18.48	18.44	18.43	18.50	0.0
		1	40	18.32	18.40	18.27	18.50	0.0
		1	77	18.39	18.26	18.28	18.50	0.0
		36	0	17.96	17.93	17.92	18.00	0.5
		36	22	18.30	18.34	18.26	18.50	0.0
		36	43	17.93	17.95	17.95	18.00	0.5
		75	0	17.94	17.91	17.85	18.00	0.5
	QPSK	1	1	18.42	18.31	18.38	18.50	0.0
		1	40	18.37	18.38	18.34	18.50	0.0
		1	77	18.34	18.30	18.29	18.50	0.0
		36	0	17.43	17.34	17.29	17.50	1.0
		36	22	18.31	18.32	18.33	18.50	0.0
		36	43	17.36	17.30	17.32	17.50	1.0
		75	0	17.32	17.27	17.27	17.50	1.0
	16-QAM	1	1	17.36	17.31	17.32	17.50	1.0
	64QAM	1	1	15.84	15.87	15.81	16.00	2.5
	256-QAM	1	1	13.94	13.80	13.78	14.00	4.5
5G NR n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				704	707.5	711		
Channel				140800	141500	142200		
10	Pi/2 BPSK	1	1	18.40	18.32	18.34	18.50	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	18.30	18.33	18.24	18.50	0.0

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5G NR n14_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					793			
Channel					158600			
10	Pi/2 BPSK	1	1		18.48		18.50	0.0
		1	26		18.40		18.50	0.0
		1	49		18.29		18.50	0.0
		25	0		17.95		18.00	0.5
		25	13		18.36		18.50	0.0
		25	26		17.99		18.00	0.5
		50	0		17.90		18.00	0.5
	QPSK	1	1		18.43		18.50	0.0
		1	26		18.30		18.50	0.0
		1	49		18.44		18.50	0.0
		25	0		17.35		17.50	1.0
		25	13		18.34		18.50	0.0
		25	26		17.34		17.50	1.0
		50	0		17.31		17.50	1.0
	16-QAM	1	1		17.35		17.50	1.0
	64QAM	1	1		15.92		16.00	2.5
	256-QAM	1	1		13.89		14.00	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	18.27	18.36	18.33	18.50	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)				1872.5	1882.5	1892.5		
Channel				374500	376500	378500		
45	Pi/2 BPSK	1	1	15.90	15.98	15.99	16.00	0.0
		1	121	15.74	15.82	15.86	16.00	0.0
		1	240	15.75	15.88	15.91	16.00	0.0
		120	0	15.39	15.40	15.49	15.50	0.5
		120	60	15.77	15.83	15.84	16.00	0.0
		120	120	15.36	15.43	15.47	15.50	0.5
		240	0	15.38	15.46	15.48	15.50	0.5
	QPSK	1	1	15.82	15.82	15.87	16.00	0.0
		1	121	15.74	15.88	15.93	16.00	0.0
		1	240	15.76	15.87	15.85	16.00	0.0
		120	0	14.75	14.85	14.91	15.00	1.0
		120	60	15.83	15.90	15.93	16.00	0.0
		120	120	14.78	14.84	14.88	15.00	1.0
		240	0	14.74	14.81	14.83	15.00	1.0
	16-QAM	1	1	14.78	14.85	14.88	15.00	1.0
	64QAM	1	1	13.26	13.32	13.37	13.50	2.5
	256-QAM	1	1	11.30	11.41	11.34	11.50	4.5
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	15.77	15.82	15.94	16.00	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)				1867.5	1882.5	1897.5		
Channel				373500	376500	379500		
35	Pi/2 BPSK	1	1	15.72	15.86	15.94	16.00	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)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	15.74	15.79	15.88	16.00	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)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	15.83	15.85	15.98	16.00	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)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	15.75	15.96	15.96	16.00	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)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	15.83	15.83	15.96	16.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	15.74	15.82	15.97	16.00	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	15.75	15.94	15.96	16.00	0.0

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5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824	831.5	839		
Channel				164800	166300	167800		
20	Pi/2 BPSK	1	1	18.47	18.48	18.35	18.50	0.0
		1	53	18.34	18.40	18.23	18.50	0.0
		1	104	18.31	18.32	18.21	18.50	0.0
		50	0	17.95	17.92	17.79	18.00	0.5
		50	28	18.31	18.33	18.24	18.50	0.0
		50	56	17.88	17.97	17.91	18.00	0.5
		100	0	17.90	17.90	17.78	18.00	0.5
	QPSK	1	1	18.32	18.43	18.32	18.50	0.0
		1	53	18.32	18.33	18.24	18.50	0.0
		1	104	18.34	18.36	18.23	18.50	0.0
		50	0	17.35	17.34	17.16	17.50	1.0
		50	28	18.31	18.35	18.22	18.50	0.0
		50	56	17.35	17.34	17.24	17.50	1.0
		100	0	17.31	17.31	17.19	17.50	1.0
	16-QAM	1	1	17.35	17.35	17.24	17.50	1.0
	64QAM	1	1	15.82	15.86	15.71	16.00	2.5
	256-QAM	1	1	13.85	13.94	13.71	14.00	4.5
5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				821.5	831.5	841.5		
Channel				164300	166300	168300		
15	Pi/2 BPSK	1	1	18.29	18.36	18.17	18.50	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	18.36	18.36	18.20	18.50	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)				816.5	831.5	846.5		
Channel				163300	166300	169300		
5	Pi/2 BPSK	1	1	18.32	18.38	18.18	18.50	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	13.98	13.99	13.95	14.00	0.0
		1	53	13.91	13.88	13.80	14.00	0.0
		1	104	13.87	13.78	13.80	14.00	0.0
		50	0	13.46	13.50	13.41	13.50	0.5
		50	28	13.90	13.94	13.92	14.00	0.0
		50	56	13.46	13.47	13.47	13.50	0.5
		100	0	13.46	13.44	13.42	13.50	0.5
	QPSK	1	1	13.80	13.88	13.80	14.00	0.0
		1	53	13.86	13.89	13.79	14.00	0.0
		1	104	13.91	13.81	13.86	14.00	0.0
		50	0	12.78	12.90	12.83	13.00	1.0
		50	28	13.81	13.81	13.75	14.00	0.0
		50	56	12.86	12.85	12.84	13.00	1.0
		100	0	12.82	12.82	12.79	13.00	1.0
	16-QAM	1	1	12.86	12.86	12.84	13.00	1.0
	64QAM	1	1	11.34	11.37	11.39	11.50	2.5
	256-QAM	1	1	9.29	9.34	9.39	9.50	4.5
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	13.88	13.88	13.81	14.00	0.0
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133600	136100	138600		
10	Pi/2 BPSK	1	1	13.79	13.79	13.84	14.00	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	13.87	13.84	13.82	14.00	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)				1865	1880	1895		
Channel				373000	376000	379000		
30	Pi/2 BPSK	1	1	16.12	16.42	16.33	16.50	0.0
		1	80	16.07	16.37	16.21	16.50	0.0
		1	158	16.05	16.22	16.17	16.50	0.0
		80	0	15.58	15.93	15.75	16.00	0.5
		80	40	16.08	16.35	16.12	16.50	0.0
		80	80	15.58	15.92	15.84	16.00	0.5
		160	0	15.66	15.91	15.81	16.00	0.5
	QPSK	1	1	16.00	16.36	16.21	16.50	0.0
		1	80	15.96	16.31	16.23	16.50	0.0
		1	158	16.05	16.30	16.24	16.50	0.0
		80	0	15.02	15.30	15.23	15.50	1.0
		80	40	15.98	16.30	16.19	16.50	0.0
		80	80	15.00	15.28	15.22	15.50	1.0
		160	0	14.96	15.25	15.17	15.50	1.0
	16-QAM	1	1	15.00	15.29	15.22	15.50	1.0
	64QAM	1	1	13.55	13.81	13.69	14.00	2.5
	256-QAM	1	1	11.46	11.85	11.71	12.00	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)				1862.5	1880	1897.5		
Channel				372500	376000	379500		
25	Pi/2 BPSK	1	1	16.03	16.31	16.25	16.50	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	16.04	16.28	16.28	16.50	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)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	16.07	16.36	16.29	16.50	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	16.07	16.31	16.29	16.50	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	16.05	16.36	16.22	16.50	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)				2525	2535	2545		
Channel				505000	507000	509000		
50	Pi/2 BPSK	1	1	17.28	17.25	17.33	17.50	0.0
		1	135	17.19	17.13	17.19	17.50	0.0
		1	268	17.21	17.14	17.19	17.50	0.0
		135	0	16.72	16.75	16.86	17.00	0.5
		135	67	17.19	17.12	17.30	17.50	0.0
		135	135	16.70	16.71	16.81	17.00	0.5
		270	0	16.82	16.68	16.80	17.00	0.5
	QPSK	1	1	17.16	17.19	17.22	17.50	0.0
		1	135	17.20	17.16	17.23	17.50	0.0
		1	268	17.17	17.11	17.24	17.50	0.0
		135	0	16.22	16.18	16.21	16.50	1.0
		135	67	17.21	17.08	17.25	17.50	0.0
		135	135	16.16	16.11	16.22	16.50	1.0
		270	0	16.12	16.08	16.17	16.50	1.0
	16-QAM	1	1	16.16	16.12	16.22	16.50	1.0
	64QAM	1	1	14.66	14.64	14.73	15.00	2.5
	256-QAM	1	1	12.64	12.66	12.67	13.00	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	17.19	17.19	17.23	17.50	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)				2517.5	2535	2552.5		
Channel				503500	507000	510500		
35	Pi/2 BPSK	1	1	17.18	17.16	17.23	17.50	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)				2515	2535	2555		
Channel				503000	507000	511000		
30	Pi/2 BPSK	1	1	17.15	17.20	17.24	17.50	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	17.15	17.16	17.13	17.50	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	17.20	17.23	17.26	17.50	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	17.24	17.17	17.22	17.50	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)				2505	2535	2565		
Channel				501000	507000	513000		
10	Pi/2 BPSK	1	1	17.16	17.12	17.29	17.50	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)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	17.09	17.12	17.17	17.50	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)				1872.5	1882.5	1892.5		
Channel				374500	376500	378500		
45	Pi/2 BPSK	1	1	18.05	18.34	18.43	18.50	0.0
		1	121	17.98	18.27	18.28	18.50	0.0
		1	240	17.97	18.20	18.26	18.50	0.0
		120	0	17.52	17.84	17.99	18.00	0.5
		120	60	17.99	18.29	18.29	18.50	0.0
		120	120	17.58	17.84	17.88	18.00	0.5
		240	0	17.57	17.88	17.88	18.00	0.5
	QPSK	1	1	17.89	18.30	18.25	18.50	0.0
		1	121	17.90	18.29	18.36	18.50	0.0
		1	240	17.97	18.23	18.28	18.50	0.0
		120	0	16.93	17.21	17.35	17.50	1.0
		120	60	17.91	18.25	18.28	18.50	0.0
		120	120	16.93	17.20	17.32	17.50	1.0
		240	0	16.89	17.17	17.27	17.50	1.0
	16-QAM	1	1	16.93	17.21	17.32	17.50	1.0
	64QAM	1	1	15.41	15.69	15.84	16.00	2.5
	256-QAM	1	1	13.39	13.77	13.85	14.00	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)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	17.90	18.22	18.33	18.50	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)				1867.5	1882.5	1897.5		
Channel				373500	376500	379500		
35	Pi/2 BPSK	1	1	17.92	18.19	18.38	18.50	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	17.93	18.21	18.33	18.50	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	17.85	18.31	18.28	18.50	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	17.88	18.20	18.38	18.50	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	17.96	18.20	18.42	18.50	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	18.00	18.28	18.29	18.50	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	17.92	18.19	18.30	18.50	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		17.50		18.00	0.0
		1	26		17.33		18.00	0.0
		1	49		17.37		18.00	0.0
		25	0		16.99		17.50	0.5
		25	13		17.41		18.00	0.0
		25	26		16.99		17.50	0.5
		50	0		17.00		17.50	0.5
	QPSK	1	1		17.30		18.00	0.0
		1	26		17.42		18.00	0.0
		1	49		17.40		18.00	0.0
		25	0		16.32		17.00	1.0
		25	13		17.43		18.00	0.0
		25	26		16.36		17.00	1.0
		50	0		16.33		17.00	1.0
	16-QAM	1	1		16.37		17.00	1.0
	64QAM	1	1		14.91		15.50	2.5
	256-QAM	1	1		12.79		13.50	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	17.33	17.31	17.38	18.00	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	16.92	16.83	16.94	17.00	0.0
		1	121	16.81	16.71	16.76	17.00	0.0
		1	240	16.81	16.65	16.87	17.00	0.0
		120	0	16.39	16.35	16.45	16.50	0.5
		120	60	16.77	16.67	16.80	17.00	0.0
		120	120	16.39	16.35	16.38	16.50	0.5
		240	0	16.39	16.32	16.44	16.50	0.5
	QPSK	1	1	16.81	16.68	16.88	17.00	0.0
		1	121	16.81	16.75	16.77	17.00	0.0
		1	240	16.83	16.74	16.79	17.00	0.0
		120	0	15.76	15.67	15.78	16.00	1.0
		120	60	16.85	16.68	16.80	17.00	0.0
		120	120	15.80	15.69	15.83	16.00	1.0
		240	0	15.76	15.66	15.78	16.00	1.0
	16-QAM	1	1	15.80	15.70	15.83	16.00	1.0
	64QAM	1	1	14.27	14.22	14.30	14.50	2.5
	256-QAM	1	1	12.34	12.27	12.30	12.50	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	16.79	16.74	16.91	17.00	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	16.79	16.66	16.86	17.00	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	16.82	16.78	16.86	17.00	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	16.88	16.63	16.81	17.00	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	16.88	16.64	16.89	17.00	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	16.87	16.63	16.92	17.00	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	16.80	16.72	16.78	17.00	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	16.78	16.72	16.82	17.00	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	23.54	23.56	23.55	24.00	0.0
		1	137	23.45	23.50	23.40	24.00	0.0
		1	271	23.43	23.48	23.41	24.00	0.0
		135	0	22.94	23.12	23.07	23.50	0.5
		135	69	23.36	23.43	23.41	24.00	0.0
		135	138	23.01	23.08	23.04	23.50	0.5
		270	0	22.99	23.07	22.97	23.50	0.5
	QPSK	1	1	23.39	23.44	23.39	24.00	0.0
		1	137	23.46	23.43	23.44	24.00	0.0
		1	271	23.46	23.41	23.40	24.00	0.0
		135	0	22.35	22.49	22.42	23.00	1.0
		135	69	23.47	23.42	23.42	24.00	0.0
		135	138	22.42	22.42	22.44	23.00	1.0
		270	0	22.38	22.39	22.39	23.00	1.0
	16-QAM	1	1	22.42	22.43	22.44	23.00	1.0
	64QAM	1	1	20.95	20.96	20.84	21.50	2.5
	256-QAM	1	1	18.88	18.90	18.94	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	23.36	23.46	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)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	23.47	23.43	23.44	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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	23.43	23.39	23.50	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	23.41	23.39	23.46	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	23.44	23.43	23.40	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	23.43	23.40	23.35	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)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	23.43	23.43	23.38	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)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	23.41	23.46	23.40	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	23.41	23.46	23.50	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	23.48	23.43	23.50	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	23.41	23.43	23.34	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)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.47	23.50	23.38	24.00	0.0
5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.43	23.40	23.40	24.00	0.0

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5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3570	3625.02	3679.98		
Channel				638000	641668	645332		
40	Pi/2 BPSK	1	1	20.51	20.46	20.43	22.00	0.0
		1	53	20.41	20.32	20.28	22.00	0.0
		1	104	20.32	20.33	20.22	22.00	0.0
		50	0	19.90	19.89	19.88	21.50	0.5
		50	28	20.38	20.26	20.33	22.00	0.0
		50	56	19.95	19.96	19.85	21.50	0.5
		100	0	19.98	19.92	19.88	21.50	0.5
	QPSK	1	1	20.41	20.34	20.26	22.00	0.0
		1	53	20.41	20.31	20.28	22.00	0.0
		1	104	20.43	20.36	20.14	22.00	0.0
		50	0	19.36	19.37	19.24	21.00	1.0
		50	28	20.34	20.30	20.26	22.00	0.0
		50	56	19.37	19.28	19.24	21.00	1.0
		100	0	19.36	19.28	19.20	21.00	1.0
	16-QAM	1	1	19.32	19.29	19.24	21.00	1.0
	64QAM	1	1	17.79	17.87	17.78	19.50	2.5
	256-QAM	1	1	15.93	15.84	15.73	17.50	4.5
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3565.02	3625.02	3684.99		
Channel				637668	641668	645666		
30	Pi/2 BPSK	1	1	20.51	20.42	20.34	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	20.48	20.40	20.36	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)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	20.48	20.44	20.39	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3625.02	3694.98		
Channel				637000	641668	646332		
10	Pi/2 BPSK	1	1	20.44	20.46	20.37	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)				3552.51	3625.02	3697.5		
Channel				636834	641668	646500		
5	Pi/2 BPSK	1	1	20.51	20.41	20.36	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	23.91	23.92	23.93	23.94	23.95	24.00	0.0
		1	137	23.81	23.79	23.85	23.88	23.83	24.00	0.0
		1	271	23.76	23.77	23.77	23.80	23.86	24.00	0.0
		135	0	23.42	23.41	23.44	23.41	23.47	23.50	0.5
		135	69	23.75	23.74	23.89	23.79	23.80	24.00	0.0
		135	138	23.34	23.34	23.40	23.45	23.50	23.50	0.5
		270	0	23.33	23.39	23.42	23.41	23.45	23.50	0.5
	QPSK	1	1	23.79	23.82	23.72	23.76	23.82	24.00	0.0
		1	137	23.82	23.77	23.82	23.88	23.79	24.00	0.0
		1	271	23.81	23.79	23.81	23.84	23.74	24.00	0.0
		135	0	22.84	22.82	22.85	22.77	22.92	23.00	1.0
		135	69	23.87	23.79	23.90	23.82	23.79	24.00	0.0
		135	138	22.79	22.78	22.82	22.82	22.81	23.00	1.0
		270	0	22.75	22.75	22.77	22.78	22.78	23.00	1.0
	16-QAM	1	1	22.79	22.79	22.82	22.82	22.82	23.00	1.0
	64QAM	1	1	21.36	21.29	21.31	21.35	21.35	21.50	2.5
	256-QAM	1	1	19.32	19.31	19.30	19.40	19.35	19.50	4.5
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	23.80	23.73	23.88	23.88	23.87	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	23.78	23.84	23.80	23.75	23.81	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	23.76	23.79	23.81	23.84	23.90	24.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	23.74	23.79	23.79	23.85	23.74	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	23.83	23.80	23.81	23.86	23.76	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	23.82	23.77	23.80	23.86	23.84	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
15	Pi/2 BPSK	1	1			23.85			24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
10	Pi/2 BPSK	1	1			23.92			24.00	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)				3750	3795	3840	3885	3930		
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	26.64	26.63	26.60	26.68	26.71	27.00	0.0
		1	137	26.55	26.53	26.50	26.54	26.61	27.00	0.0
		1	271	26.49	26.52	26.53	26.55	26.52	27.00	0.0
		135	0	26.07	26.07	26.05	26.19	26.16	26.50	0.5
		135	69	26.46	26.47	26.47	26.60	26.67	27.00	0.0
		135	138	26.16	26.08	26.06	26.22	26.18	26.50	0.5
		270	0	26.11	26.12	26.14	26.18	26.26	26.50	0.5
	QPSK	1	1	26.47	26.47	26.43	26.51	26.60	27.00	0.0
		1	137	26.60	26.52	26.52	26.64	26.56	27.00	0.0
		1	271	26.49	26.57	26.51	26.57	26.57	27.00	0.0
		135	0	25.54	25.44	25.49	25.54	25.58	26.00	1.0
		135	69	26.47	26.56	26.46	26.59	26.57	27.00	0.0
		135	138	25.52	25.49	25.49	25.56	25.57	26.00	1.0
		270	0	25.48	25.46	25.44	25.52	25.54	26.00	1.0
	16-QAM	1	1	25.52	25.50	25.49	25.56	25.58	26.00	1.0
	64QAM	1	1	24.08	23.98	23.98	24.11	24.06	24.50	2.5
	256-QAM	1	1	22.00	21.99	21.97	22.06	22.07	22.50	4.5
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	Pi/2 BPSK	1	1	26.59	26.45	26.53	26.63	26.56	27.00	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	26.44	26.47	26.46	26.51	26.53	27.00	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	26.53	26.50	26.40	26.56	26.62	27.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	26.48	26.55	26.48	26.52	26.60	27.00	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	26.48	26.56	26.55	26.56	26.60	27.00	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	26.46	26.52	26.44	26.51	26.60	27.00	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				
15	Pi/2 BPSK	1	1			26.49			27.00	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			26.45			27.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		23.97		24.00	0.0
		1	137		23.87		24.00	0.0
		1	271		23.79		24.00	0.0
		135	0		23.50		23.50	0.5
		135	69		23.78		24.00	0.0
		135	138		23.50		23.50	0.5
		270	0		23.48		23.50	0.5
	QPSK	1	1		23.80		24.00	0.0
		1	137		23.82		24.00	0.0
		1	271		23.87		24.00	0.0
		135	0		22.82		23.00	1.0
		135	69		23.78		24.00	0.0
		135	138		22.85		23.00	1.0
		270	0		22.81		23.00	1.0
	16-QAM	1	1		22.85		23.00	1.0
	64QAM	1	1		21.36		21.50	2.5
	256-QAM	1	1		19.31		19.50	4.5

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	Pi/2 BPSK	1	1	23.89	23.91	23.93	24.00	0.0

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	Pi/2 BPSK	1	1	23.76	23.79	23.75	24.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	23.83	23.79	23.85	24.00	0.0
5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	Pi/2 BPSK	1	1	23.72	23.79	23.89	24.00	0.0
5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	Pi/2 BPSK	1	1	23.70	23.79	23.84	24.00	0.0
5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	23.75	23.76	23.90	24.00	0.0
5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	Pi/2 BPSK	1	1	23.69	23.87	23.78	24.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	23.74	23.81	23.78	24.00	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)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		26.66		27.00	0.0
		1	137		26.47		27.00	0.0
		1	271		26.43		27.00	0.0
		135	0		26.16		26.50	0.5
		135	69		26.59		27.00	0.0
		135	138		26.17		26.50	0.5
		270	0		26.14		26.50	0.5
	QPSK	1	1		26.61		27.00	0.0
		1	137		26.54		27.00	0.0
		1	271		26.50		27.00	0.0
		135	0		25.56		26.00	1.0
		135	69		26.54		27.00	0.0
		135	138		25.54		26.00	1.0
		270	0		25.50		26.00	1.0
	16-QAM	1	1		25.54		26.00	1.0
	64QAM	1	1		24.00		24.50	2.5
	256-QAM	1	1		22.06		22.50	4.5

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	Pi/2 BPSK	1	1	26.52	26.41	26.53	27.00	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	26.39	26.24	26.42	27.00	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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	26.39	26.27	26.47	27.00	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	26.39	26.22	26.49	27.00	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	26.39	26.27	26.39	27.00	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)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	26.44	26.26	26.41	27.00	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	26.37	26.28	26.33	27.00	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)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	26.38	26.34	26.48	27.00	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	22.20	22.24	22.33	24.00	0.0
		1	53	22.08	22.10	22.25	24.00	0.0
		1	104	22.14	22.15	22.19	24.00	0.0
		50	0	21.63	21.68	21.85	23.50	0.5
		50	28	22.04	22.11	22.17	24.00	0.0
		50	56	21.69	21.76	21.86	23.50	0.5
		100	0	21.70	21.68	21.79	23.50	0.5
	QPSK	1	1	22.11	22.09	22.19	24.00	0.0
		1	53	22.03	22.19	22.27	24.00	0.0
		1	104	22.15	22.17	22.20	24.00	0.0
		50	0	21.11	21.10	21.27	23.00	1.0
		50	28	22.06	22.13	22.22	24.00	0.0
		50	56	21.08	21.10	21.22	23.00	1.0
		100	0	21.04	21.07	21.17	23.00	1.0
	16-QAM	1	1	21.08	21.11	21.22	23.00	1.0
	64QAM	1	1	19.62	19.54	19.69	21.50	2.5
	256-QAM	1	1	17.64	17.62	17.66	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	22.04	22.04	22.20	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	22.12	22.19	22.20	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	22.04	22.08	22.16	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	22.05	22.17	22.16	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	22.19	22.23	22.31	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	23.24	23.20	22.94	24.00	0.0
		1	137	23.13	23.04	22.84	24.00	0.0
		1	271	23.16	23.09	22.81	24.00	0.0
		135	0	22.66	22.68	22.43	23.50	0.5
		135	69	23.20	23.02	22.86	24.00	0.0
		135	138	22.70	22.73	22.44	23.50	0.5
		270	0	22.74	22.69	22.38	23.50	0.5
	QPSK	1	1	23.14	23.06	22.88	24.00	0.0
		1	137	23.10	23.13	22.80	24.00	0.0
		1	271	23.07	23.06	22.78	24.00	0.0
		135	0	22.19	22.13	21.76	23.00	1.0
		135	69	23.21	23.08	22.82	24.00	0.0
		135	138	22.12	22.06	21.83	23.00	1.0
		270	0	22.08	22.03	21.78	23.00	1.0
	16-QAM	1	1	22.12	22.07	21.83	23.00	1.0
	64QAM	1	1	20.65	20.51	20.29	21.50	2.5
	256-QAM	1	1	18.60	18.55	18.31	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	23.06	23.03	22.81	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	23.18	23.12	22.88	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	23.13	23.07	22.74	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	23.16	23.13	22.80	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	23.19	23.12	22.90	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	23.08	23.14	22.77	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	23.09	23.07	22.82	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	23.15	23.08	22.76	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	23.13	23.03	22.75	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	23.12	23.07	22.90	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	23.16	23.02	22.82	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	23.05	23.12	22.78	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	23.13	23.08	22.77	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)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	26.66	26.58	26.56	27.00	0.0
		1	137	26.51	26.48	26.42	27.00	0.0
		1	271	26.57	26.43	26.39	27.00	0.0
		135	0	26.13	26.10	26.10	26.50	0.5
		135	69	26.49	26.45	26.35	27.00	0.0
		135	138	26.09	26.06	26.06	26.50	0.5
		270	0	26.19	26.04	25.99	26.50	0.5
	QPSK	1	1	26.54	26.43	26.38	27.00	0.0
		1	137	26.51	26.49	26.43	27.00	0.0
		1	271	26.51	26.42	26.41	27.00	0.0
		135	0	25.51	25.43	25.39	26.00	1.0
		135	69	26.49	26.41	26.48	27.00	0.0
		135	138	25.54	25.44	25.45	26.00	1.0
		270	0	25.50	25.41	25.40	26.00	1.0
	16-QAM	1	1	25.54	25.45	25.45	26.00	1.0
	64QAM	1	1	24.06	23.96	23.92	24.50	2.5
	256-QAM	1	1	21.99	22.03	21.97	22.50	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	26.53	26.37	26.49	27.00	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)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	26.62	26.49	26.48	27.00	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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	26.53	26.43	26.36	27.00	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	26.61	26.46	26.46	27.00	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	26.51	26.49	26.50	27.00	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	26.56	26.39	26.40	27.00	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)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	26.62	26.48	26.47	27.00	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)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	26.52	26.47	26.42	27.00	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	26.58	26.38	26.36	27.00	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	26.52	26.46	26.43	27.00	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	26.57	26.46	26.48	27.00	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)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	26.49	26.50	26.43	27.00	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)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	26.49	26.46	26.41	27.00	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	21.49	21.49	21.05	22.00	0.0
		1	53	21.43	21.37	20.92	22.00	0.0
		1	104	21.37	21.25	21.02	22.00	0.0
		50	0	21.01	20.91	20.61	21.50	0.5
		50	28	21.36	21.26	20.95	22.00	0.0
		50	56	21.00	20.87	20.55	21.50	0.5
		100	0	21.01	20.91	20.60	21.50	0.5
	QPSK	1	1	21.36	21.29	21.01	22.00	0.0
		1	53	21.47	21.34	20.96	22.00	0.0
		1	104	21.44	21.34	20.99	22.00	0.0
		50	0	20.38	20.36	19.94	21.00	1.0
		50	28	21.40	21.28	21.04	22.00	0.0
		50	56	20.42	20.29	19.98	21.00	1.0
		100	0	20.39	20.24	19.90	21.00	1.0
	16-QAM	1	1	20.39	20.34	19.99	21.00	1.0
	64QAM	1	1	18.90	18.82	18.55	19.50	2.5
	256-QAM	1	1	16.99	16.86	16.53	17.50	4.5
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3565.02	3625.02	3684.99		
Channel				637668	641668	645666		
30	Pi/2 BPSK	1	1	21.32	21.16	21.21	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	21.36	21.21	21.02	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)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	21.31	21.29	21.02	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	21.32	21.25	21.08	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)				3552.51	3625.02	3697.5		
Channel				636834	641668	646500		
5	Pi/2 BPSK	1	1	21.31	21.27	21.12	22.00	0.0

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5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	22.56	22.53	22.81	22.73	22.70	24.00	0.0
		1	137	22.45	22.38	22.67	22.67	22.62	24.00	0.0
		1	271	22.50	22.39	22.73	22.54	22.54	24.00	0.0
		135	0	22.01	22.01	22.23	22.17	22.17	23.50	0.5
		135	69	22.41	22.35	22.74	22.64	22.55	24.00	0.0
		135	138	21.98	22.00	22.33	22.27	22.13	23.50	0.5
		270	0	22.05	22.08	22.24	22.23	22.15	23.50	0.5
	QPSK	1	1	22.50	22.40	22.65	22.64	22.55	24.00	0.0
		1	137	22.44	22.47	22.66	22.56	22.64	24.00	0.0
		1	271	22.48	22.45	22.66	22.58	22.59	24.00	0.0
		135	0	21.43	21.41	21.64	21.56	21.49	23.00	1.0
		135	69	22.43	22.41	22.73	22.57	22.56	24.00	0.0
		135	138	21.44	21.39	21.70	21.61	21.56	23.00	1.0
		270	0	21.40	21.36	21.65	21.57	21.53	23.00	1.0
	16-QAM	1	1	21.44	21.40	21.70	21.61	21.57	23.00	1.0
	64QAM	1	1	19.97	19.95	20.20	20.10	20.08	21.50	2.5
	256-QAM	1	1	17.94	17.92	18.17	18.03	18.08	19.50	4.5
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	22.41	22.46	22.68	22.66	22.59	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	22.42	22.41	22.64	22.66	22.66	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	22.45	22.38	22.70	22.58	22.58	24.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	22.44	22.34	22.68	22.59	22.63	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	22.46	22.42	22.67	22.58	22.58	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	22.50	22.37	22.70	22.60	22.59	24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
15	Pi/2 BPSK	1	1			22.63			24.00	0.0
5G NR n77_PC3_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
10	Pi/2 BPSK	1	1			22.69			24.00	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)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	26.56	26.60	26.54	26.52	26.53	27.00	0.0
		1	137	26.40	26.47	26.38	26.36	26.36	27.00	0.0
		1	271	26.44	26.49	26.45	26.35	26.45	27.00	0.0
		135	0	26.00	26.10	25.99	26.04	25.94	26.50	0.5
		135	69	26.48	26.48	26.39	26.43	26.38	27.00	0.0
		135	138	25.97	26.15	25.98	25.94	25.95	26.50	0.5
		270	0	26.10	26.08	26.02	26.05	26.03	26.50	0.5
	QPSK	1	1	26.45	26.43	26.46	26.42	26.48	27.00	0.0
		1	137	26.46	26.48	26.37	26.39	26.36	27.00	0.0
		1	271	26.50	26.48	26.42	26.44	26.48	27.00	0.0
		135	0	25.39	25.42	25.42	25.37	25.49	26.00	1.0
		135	69	26.39	26.47	26.39	26.45	26.44	27.00	0.0
		135	138	25.44	25.46	25.43	25.40	25.39	26.00	1.0
		270	0	25.40	25.43	25.38	25.36	25.36	26.00	1.0
	16-QAM	1	1	25.44	25.47	25.43	25.40	25.40	26.00	1.0
	64QAM	1	1	23.96	24.03	23.84	23.89	23.88	24.50	2.5
	256-QAM	1	1	21.90	22.04	21.94	21.82	21.87	22.50	4.5
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	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	26.42	26.44	26.46	26.47	26.41	27.00	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	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	26.42	26.57	26.44	26.36	26.32	27.00	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	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	26.36	26.48	26.35	26.36	26.38	27.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	26.45	26.46	26.47	26.32	26.46	27.00	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	26.44	26.49	26.49	26.35	26.49	27.00	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	26.48	26.54	26.39	26.34	26.34	27.00	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				
15	Pi/2 BPSK	1	1			26.42			27.00	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			26.39			27.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		22.77		24.00	0.0
		1	137		22.70		24.00	0.0
		1	271		22.68		24.00	0.0
		135	0		22.25		23.50	0.5
		135	69		22.71		24.00	0.0
		135	138		22.30		23.50	0.5
		270	0		22.28		23.50	0.5
	QPSK	1	1		22.63		24.00	0.0
		1	137		22.66		24.00	0.0
		1	271		22.58		24.00	0.0
		135	0		21.62		23.00	1.0
		135	69		22.69		24.00	0.0
		135	138		21.65		23.00	1.0
		270	0		21.61		23.00	1.0
	16-QAM	1	1		21.65		23.00	1.0
	64QAM	1	1		20.24		21.50	2.5
	256-QAM	1	1		18.16		19.50	4.5

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3499.995	3504.99		
Channel				633000	633333	633666		
90	Pi/2 BPSK	1	1	22.72	22.58	22.63	24.00	0.0

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	Pi/2 BPSK	1	1	22.67	22.41	22.53	24.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	22.60	22.44	22.55	24.00	0.0

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3499.995	3525		
Channel				631667	633333	635000		
50	Pi/2 BPSK	1	1	22.60	22.51	22.54	24.00	0.0

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3499.995	3529.995		
Channel				631334	633333	635333		
40	Pi/2 BPSK	1	1	22.58	22.48	22.55	24.00	0.0

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	22.57	22.41	22.55	24.00	0.0

5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	Pi/2 BPSK	1	1	22.62	22.43	22.51	24.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	22.68	22.41	22.51	24.00	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)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		26.53		27.00	0.0
		1	137		26.40		27.00	0.0
		1	271		26.39		27.00	0.0
		135	0		26.00		26.50	0.5
		135	69		26.45		27.00	0.0
		135	138		26.05		26.50	0.5
		270	0		26.01		26.50	0.5
	QPSK	1	1		26.44		27.00	0.0
		1	137		26.42		27.00	0.0
		1	271		26.45		27.00	0.0
		135	0		25.37		26.00	1.0
		135	69		26.40		27.00	0.0
		135	138		25.41		26.00	1.0
		270	0		25.37		26.00	1.0
	16-QAM	1	1		25.41		26.00	1.0
	64QAM	1	1		23.93		24.50	2.5
	256-QAM	1	1		21.91		22.50	4.5

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	Pi/2 BPSK	1	1	26.44	26.51	26.49	27.00	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	26.30	26.40	26.39	27.00	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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	26.33	26.40	26.35	27.00	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	26.32	26.41	26.42	27.00	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	26.26	26.45	26.38	27.00	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)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	26.37	26.35	26.36	27.00	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	26.33	26.40	26.44	27.00	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)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	26.27	26.35	26.37	27.00	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	15.34	15.17	14.76	15.50	0.0
		1	137	15.23	15.06	14.71	15.50	0.0
		1	271	15.25	15.03	14.67	15.50	0.0
		135	0	14.82	14.56	14.15	15.00	0.5
		135	69	15.29	15.08	14.65	15.50	0.0
		135	138	14.82	14.67	14.25	15.00	0.5
		270	0	14.77	14.62	14.18	15.00	0.5
	QPSK	1	1	15.25	15.08	14.68	15.50	0.0
		1	137	15.22	15.05	14.59	15.50	0.0
		1	271	15.14	15.03	14.65	15.50	0.0
		135	0	14.20	13.98	13.65	14.50	1.0
		135	69	15.16	15.03	14.65	15.50	0.0
		135	138	14.22	14.03	13.65	14.50	1.0
		270	0	14.18	14.00	13.60	14.50	1.0
	16-QAM	1	1	14.22	14.04	13.65	14.50	1.0
	64QAM	1	1	12.78	12.57	12.13	13.00	2.5
	256-QAM	1	1	10.77	10.51	10.17	11.00	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	15.26	15.04	14.64	15.50	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	15.16	15.02	14.63	15.50	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	15.25	15.01	14.66	15.50	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	15.22	15.02	14.62	15.50	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	15.23	15.11	14.68	15.50	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	15.21	14.98	14.68	15.50	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	15.18	15.03	14.61	15.50	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	15.17	15.03	14.65	15.50	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	15.17	15.08	14.56	15.50	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	15.21	15.00	14.65	15.50	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	15.20	15.01	14.59	15.50	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	15.17	15.03	14.58	15.50	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	15.29	15.11	14.71	15.50	0.0

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5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3570	3625.02	3679.98		
Channel				638000	641668	645332		
40	Pi/2 BPSK	1	1	14.45	14.41	14.30	14.50	0.0
		1	53	14.31	14.30	14.23	14.50	0.0
		1	104	14.30	14.23	14.24	14.50	0.0
		50	0	13.94	13.91	13.74	14.00	0.5
		50	28	14.29	14.31	14.24	14.50	0.0
		50	56	13.84	13.90	13.83	14.00	0.5
		100	0	13.94	13.92	13.74	14.00	0.5
	QPSK	1	1	14.39	14.28	14.19	14.50	0.0
		1	53	14.33	14.32	14.14	14.50	0.0
		1	104	14.39	14.27	14.11	14.50	0.0
		50	0	13.27	13.28	13.20	13.50	1.0
		50	28	14.36	14.34	14.24	14.50	0.0
		50	56	13.33	13.27	13.19	13.50	1.0
		100	0	13.29	13.24	13.14	13.50	1.0
	16-QAM	1	1	13.33	13.28	13.19	13.50	1.0
	64QAM	1	1	11.77	11.78	11.65	12.00	2.5
	256-QAM	1	1	9.87	9.81	9.69	10.00	4.5
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3565.02	3625.02	3684.99		
Channel				637668	641668	645666		
30	Pi/2 BPSK	1	1	14.36	14.29	14.26	14.50	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)				3560.01	3625.02	3690		
Channel				637334	641668	646000		
20	Pi/2 BPSK	1	1	14.31	14.25	14.09	14.50	0.0

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5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	14.31	14.31	14.19	14.50	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)				3555	3625.02	3694.98		
Channel				637000	641668	646332		
10	Pi/2 BPSK	1	1	14.34	14.34	14.16	14.50	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)				3552.51	3625.02	3697.5		
Channel				636834	641668	646500		
5	Pi/2 BPSK	1	1	14.32	14.28	14.18	14.50	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	13.97	13.84	13.72	13.53	13.46	14.00	0.0
		1	137	13.86	13.67	13.62	13.38	13.31	14.00	0.0
		1	271	13.82	13.78	13.60	13.35	13.37	14.00	0.0
		135	0	13.47	13.34	13.27	12.98	12.86	13.50	0.5
		135	69	13.88	13.72	13.62	13.42	13.39	14.00	0.0
		135	138	13.43	13.30	13.18	13.06	12.90	13.50	0.5
		270	0	13.47	13.34	13.19	13.00	12.96	13.50	0.5
	QPSK	1	1	13.84	13.73	13.58	13.40	13.35	14.00	0.0
		1	137	13.81	13.68	13.62	13.48	13.38	14.00	0.0
		1	271	13.82	13.71	13.56	13.45	13.40	14.00	0.0
		135	0	12.89	12.69	12.61	12.38	12.34	13.00	1.0
		135	69	13.81	13.75	13.63	13.34	13.29	14.00	0.0
		135	138	12.85	12.70	12.61	12.41	12.32	13.00	1.0
		270	0	12.81	12.67	12.56	12.37	12.29	13.00	1.0
	16-QAM	1	1	12.85	12.71	12.61	12.41	12.33	13.00	1.0
	64QAM	1	1	11.38	11.24	11.09	10.91	10.80	11.50	2.5
	256-QAM	1	1	9.36	9.22	9.09	8.91	8.92	9.50	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	13.88	13.73	13.60	13.46	13.30	14.00	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	13.90	13.75	13.63	13.35	13.38	14.00	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	13.92	13.81	13.57	13.38	13.30	14.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	13.92	13.68	13.56	13.36	13.39	14.00	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)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	13.82	13.65	13.56	13.36	13.28	14.00	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	13.88	13.68	13.56	13.39	13.42	14.00	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			13.53			14.00	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			13.60			14.00	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)				3750	3795	3840	3885	3930		
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	13.94	13.85	13.70	13.50	13.42	14.00	0.0
		1	137	13.73	13.76	13.54	13.32	13.22	14.00	0.0
		1	271	13.85	13.71	13.59	13.40	13.25	14.00	0.0
		135	0	13.48	13.27	13.18	13.01	12.85	13.50	0.5
		135	69	13.80	13.73	13.53	13.39	13.32	14.00	0.0
		135	138	13.40	13.30	13.15	12.98	12.89	13.50	0.5
		270	0	13.36	13.41	13.19	13.01	12.87	13.50	0.5
	QPSK	1	1	13.84	13.77	13.58	13.46	13.21	14.00	0.0
		1	137	13.86	13.70	13.49	13.43	13.35	14.00	0.0
		1	271	13.84	13.78	13.55	13.37	13.30	14.00	0.0
		135	0	12.80	12.72	12.61	12.41	12.31	13.00	1.0
		135	69	13.79	13.75	13.58	13.30	13.31	14.00	0.0
		135	138	12.82	12.71	12.59	12.38	12.28	13.00	1.0
		270	0	12.78	12.68	12.54	12.34	12.25	13.00	1.0
	16-QAM	1	1	12.82	12.72	12.59	12.38	12.29	13.00	1.0
	64QAM	1	1	11.30	11.28	11.08	10.87	10.81	11.50	2.5
	256-QAM	1	1	9.32	9.23	9.08	8.88	8.83	9.50	4.5
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	Pi/2 BPSK	1	1	13.81	13.69	13.63	13.34	13.30	14.00	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	13.88	13.74	13.53	13.36	13.24	14.00	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	13.83	13.72	13.61	13.41	13.32	14.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	13.87	13.71	13.57	13.38	13.32	14.00	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	13.87	13.73	13.63	13.31	13.23	14.00	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	13.86	13.68	13.58	13.43	13.26	14.00	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				
15	Pi/2 BPSK	1	1			13.57			14.00	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			13.66			14.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		13.94		14.00	0.0
		1	137		13.85		14.00	0.0
		1	271		13.86		14.00	0.0
		135	0		13.48		13.50	0.5
		135	69		13.83		14.00	0.0
		135	138		13.35		13.50	0.5
		270	0		13.44		13.50	0.5
	QPSK	1	1		13.83		14.00	0.0
		1	137		13.79		14.00	0.0
		1	271		13.75		14.00	0.0
		135	0		12.84		13.00	1.0
		135	69		13.77		14.00	0.0
		135	138		12.80		13.00	1.0
		270	0		12.77		13.00	1.0
	16-QAM	1	1		12.81		13.00	1.0
	64QAM	1	1		11.35		11.50	2.5
	256-QAM	1	1		9.28		9.50	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	13.83	13.86	13.77	14.00	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)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	Pi/2 BPSK	1	1	13.83	13.84	13.86	14.00	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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	13.77	13.86	13.61	14.00	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	13.81	13.82	13.62	14.00	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	13.81	13.86	13.60	14.00	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	13.86	13.83	13.58	14.00	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)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	Pi/2 BPSK	1	1	13.76	13.87	13.62	14.00	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)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	13.85	13.86	13.55	14.00	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)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		13.96		14.00	0.0
		1	137		13.76		14.00	0.0
		1	271		13.84		14.00	0.0
		135	0		13.44		13.50	0.5
		135	69		13.79		14.00	0.0
		135	138		13.44		13.50	0.5
		270	0		13.47		13.50	0.5
	QPSK	1	1		13.83		14.00	0.0
		1	137		13.80		14.00	0.0
		1	271		13.80		14.00	0.0
		135	0		12.83		13.00	1.0
		135	69		13.80		14.00	0.0
		135	138		12.82		13.00	1.0
		270	0		12.79		13.00	1.0
	16-QAM	1	1		12.83		13.00	1.0
	64QAM	1	1		11.31		11.50	2.5
	256-QAM	1	1		9.26		9.50	4.5
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	Pi/2 BPSK	1	1	13.87	13.87	13.62	14.00	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	13.75	13.78	13.63	14.00	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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	13.80	13.85	13.60	14.00	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	13.77	13.78	13.51	14.00	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	13.75	13.77	13.57	14.00	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)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	13.79	13.81	13.59	14.00	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	13.75	13.79	13.62	14.00	0.0

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	13.85	13.78	13.56	14.00	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	17.30	17.40	17.39	18.00	0.0
		1	53	17.18	17.35	17.23	18.00	0.0
		1	104	17.09	17.25	17.25	18.00	0.0
		50	0	16.74	16.81	16.81	17.50	0.5
		50	28	17.13	17.30	17.27	18.00	0.0
		50	56	16.76	16.92	16.90	17.50	0.5
		100	0	16.78	16.87	16.79	17.50	0.5
	QPSK	1	1	17.22	17.28	17.34	18.00	0.0
		1	53	17.23	17.26	17.27	18.00	0.0
		1	104	17.23	17.24	17.22	18.00	0.0
		50	0	16.21	16.27	16.24	17.00	1.0
		50	28	17.20	17.27	17.27	18.00	0.0
		50	56	16.18	16.26	16.28	17.00	1.0
		100	0	16.14	16.23	16.23	17.00	1.0
	16-QAM	1	1	16.18	16.27	16.28	17.00	1.0
	64QAM	1	1	14.69	14.74	14.71	15.50	2.5
	256-QAM	1	1	12.70	12.73	12.70	13.50	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	17.19	17.26	17.26	18.00	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	17.24	17.29	17.23	18.00	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	17.14	17.30	17.28	18.00	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	17.20	17.28	17.36	18.00	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	17.12	17.22	17.26	18.00	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	16.26	16.30	16.02	17.00	0.0
		1	137	16.11	16.15	15.84	17.00	0.0
		1	271	16.09	16.13	15.87	17.00	0.0
		135	0	15.70	15.76	15.55	16.50	0.5
		135	69	16.15	16.21	15.86	17.00	0.0
		135	138	15.75	15.73	15.54	16.50	0.5
		270	0	15.70	15.76	15.58	16.50	0.5
	QPSK	1	1	16.11	16.20	15.87	17.00	0.0
		1	137	16.06	16.18	15.95	17.00	0.0
		1	271	16.11	16.22	15.90	17.00	0.0
		135	0	15.11	15.18	14.88	16.00	1.0
		135	69	16.10	16.18	15.89	17.00	0.0
		135	138	15.14	15.16	14.91	16.00	1.0
		270	0	15.10	15.13	14.86	16.00	1.0
	16-QAM	1	1	15.14	15.17	14.91	16.00	1.0
	64QAM	1	1	13.69	13.71	13.40	14.50	2.5
	256-QAM	1	1	11.63	11.72	11.40	12.50	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	16.08	16.09	15.89	17.00	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	16.14	16.13	15.88	17.00	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	16.17	16.21	15.85	17.00	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	16.19	16.14	15.95	17.00	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	16.11	16.18	15.92	17.00	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	16.11	16.12	15.86	17.00	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	16.15	16.12	15.89	17.00	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	16.17	16.20	15.96	17.00	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	16.17	16.19	15.90	17.00	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	16.07	16.11	15.91	17.00	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	16.11	16.25	15.90	17.00	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	16.19	16.25	15.91	17.00	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	16.13	16.18	15.91	17.00	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)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	16.28	16.31	16.05	17.00	0.0
		1	137	16.19	16.13	15.88	17.00	0.0
		1	271	16.16	16.20	15.93	17.00	0.0
		135	0	15.75	15.79	15.55	16.50	0.5
		135	69	16.12	16.15	15.99	17.00	0.0
		135	138	15.80	15.75	15.54	16.50	0.5
		270	0	15.77	15.77	15.52	16.50	0.5
	QPSK	1	1	16.21	16.16	15.90	17.00	0.0
		1	137	16.08	16.19	15.99	17.00	0.0
		1	271	16.15	16.16	15.92	17.00	0.0
		135	0	15.22	15.20	14.89	16.00	1.0
		135	69	16.16	16.17	15.96	17.00	0.0
		135	138	15.16	15.17	14.94	16.00	1.0
		270	0	15.12	15.14	14.89	16.00	1.0
	16-QAM	1	1	15.16	15.18	14.94	16.00	1.0
	64QAM	1	1	13.62	13.68	13.52	14.50	2.5
	256-QAM	1	1	11.66	11.72	11.46	12.50	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	16.09	16.25	15.97	17.00	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)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	16.22	16.20	15.92	17.00	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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	16.19	16.19	15.93	17.00	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	16.14	16.14	15.94	17.00	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	16.23	16.18	15.89	17.00	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	16.10	16.21	15.89	17.00	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)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	16.15	16.15	15.98	17.00	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)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	16.16	16.14	15.94	17.00	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	16.15	16.23	15.95	17.00	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	16.24	16.24	15.92	17.00	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	16.16	16.27	15.93	17.00	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)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	16.17	16.19	15.99	17.00	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)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	16.20	16.18	15.87	17.00	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	15.10	15.03	15.02	15.50	0.0
		1	53	15.03	14.93	14.94	15.50	0.0
		1	104	14.99	14.90	14.84	15.50	0.0
		50	0	14.59	14.56	14.52	15.00	0.5
		50	28	14.96	14.94	14.90	15.50	0.0
		50	56	14.61	14.52	14.48	15.00	0.5
		100	0	14.58	14.55	14.51	15.00	0.5
	QPSK	1	1	14.98	14.89	14.89	15.50	0.0
		1	53	14.97	14.87	14.98	15.50	0.0
		1	104	15.01	14.94	14.94	15.50	0.0
		50	0	14.00	13.98	13.89	14.50	1.0
		50	28	15.04	14.91	14.93	15.50	0.0
		50	56	13.98	13.89	13.91	14.50	1.0
		100	0	13.94	13.86	13.86	14.50	1.0
	16-QAM	1	1	13.98	13.90	13.91	14.50	1.0
	64QAM	1	1	12.52	12.40	12.37	13.00	2.5
	256-QAM	1	1	10.53	10.42	10.33	11.00	4.5
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3565.02	3625.02	3684.99		
Channel				637668	641668	645666		
30	Pi/2 BPSK	1	1	14.97	14.93	14.95	15.50	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)				3560.01	3625.02	3690		
Channel				637334	641668	646000		
20	Pi/2 BPSK	1	1	15.04	14.88	14.93	15.50	0.0

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5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	14.93	14.96	14.93	15.50	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)				3555	3625.02	3694.98		
Channel				637000	641668	646332		
10	Pi/2 BPSK	1	1	14.97	14.84	14.86	15.50	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)				3552.51	3625.02	3697.5		
Channel				636834	641668	646500		
5	Pi/2 BPSK	1	1	14.99	14.91	14.94	15.50	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	14.47	14.48	14.30	14.22	14.20	15.00	0.0
		1	137	14.34	14.38	14.19	14.08	14.04	15.00	0.0
		1	271	14.40	14.38	14.26	14.14	14.04	15.00	0.0
		135	0	13.96	13.92	13.79	13.67	13.73	14.50	0.5
		135	69	14.29	14.37	14.16	14.17	14.06	15.00	0.0
		135	138	13.93	13.89	13.69	13.69	13.75	14.50	0.5
		270	0	13.93	13.97	13.76	13.72	13.73	14.50	0.5
	QPSK	1	1	14.33	14.32	14.23	14.15	14.07	15.00	0.0
		1	137	14.35	14.34	14.20	14.06	14.06	15.00	0.0
		1	271	14.39	14.39	14.18	14.15	14.15	15.00	0.0
		135	0	13.28	13.30	13.11	13.01	13.06	14.00	1.0
		135	69	14.41	14.36	14.24	14.11	14.16	15.00	0.0
		135	138	13.35	13.34	13.19	13.10	13.06	14.00	1.0
		270	0	13.31	13.31	13.14	13.06	13.03	14.00	1.0
	16-QAM	1	1	13.35	13.35	13.19	13.10	13.07	14.00	1.0
	64QAM	1	1	11.88	11.93	11.71	11.59	11.59	12.50	2.5
	256-QAM	1	1	9.88	9.89	9.66	9.67	9.64	10.50	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	14.31	14.34	14.19	14.04	14.11	15.00	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	14.30	14.32	14.17	14.07	14.11	15.00	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	14.31	14.34	14.11	14.07	14.13	15.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	14.36	14.41	14.13	14.04	14.08	15.00	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)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	14.33	14.36	14.14	14.10	14.13	15.00	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	14.37	14.36	14.14	14.17	14.09	15.00	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			14.23			15.00	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			14.25			15.00	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)				3750	3795	3840	3885	3930		
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	14.49	14.46	14.28	14.24	14.25	15.00	0.0
		1	137	14.34	14.35	14.16	14.14	14.14	15.00	0.0
		1	271	14.38	14.28	14.25	14.06	14.11	15.00	0.0
		135	0	13.96	13.89	13.82	13.76	13.73	14.50	0.5
		135	69	14.39	14.26	14.23	14.19	14.12	15.00	0.0
		135	138	13.97	13.90	13.81	13.74	13.73	14.50	0.5
		270	0	13.96	13.99	13.73	13.78	13.75	14.50	0.5
	QPSK	1	1	14.31	14.31	14.23	14.12	14.12	15.00	0.0
		1	137	14.42	14.40	14.24	14.07	14.12	15.00	0.0
		1	271	14.34	14.35	14.16	14.15	14.11	15.00	0.0
		135	0	13.41	13.30	13.13	13.07	13.09	14.00	1.0
		135	69	14.37	14.31	14.12	14.13	14.13	15.00	0.0
		135	138	13.37	13.32	13.17	13.12	13.11	14.00	1.0
		270	0	13.33	13.29	13.12	13.08	13.08	14.00	1.0
	16-QAM	1	1	13.37	13.33	13.17	13.12	13.12	14.00	1.0
	64QAM	1	1	11.87	11.92	11.64	11.57	11.60	12.50	2.5
	256-QAM	1	1	9.86	9.78	9.66	9.62	9.56	10.50	4.5
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	Pi/2 BPSK	1	1	14.41	14.31	14.14	14.14	14.17	15.00	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	14.32	14.39	14.24	14.17	14.12	15.00	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	14.43	14.36	14.20	14.11	14.15	15.00	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)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	14.43	14.28	14.16	14.08	14.17	15.00	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	14.44	14.29	14.20	14.11	14.15	15.00	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	14.41	14.31	14.17	14.04	14.08	15.00	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				
15	Pi/2 BPSK	1	1			14.14			15.00	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			14.29			15.00	0.0

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5G NR n77 & n78_PC3_30kHz_FCC

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		14.73		15.00	0.0
		1	137		14.54		15.00	0.0
		1	271		14.61		15.00	0.0
		135	0		14.21		14.50	0.5
		135	69		14.62		15.00	0.0
		135	138		14.26		14.50	0.5
		270	0		14.27		14.50	0.5
	QPSK	1	1		14.64		15.00	0.0
		1	137		14.62		15.00	0.0
		1	271		14.56		15.00	0.0
		135	0		13.59		14.00	1.0
		135	69		14.56		15.00	0.0
		135	138		13.59		14.00	1.0
		270	0		13.56		14.00	1.0
	16-QAM	1	1		13.60		14.00	1.0
	64QAM	1	1		12.04		12.50	2.5
	256-QAM	1	1		10.10		10.50	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	14.62	14.64	14.59	15.00	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)				3490.005	3499.995	3510		
Channel				632667	633333	634000		
80	Pi/2 BPSK	1	1	14.55	14.65	14.57	15.00	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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	14.63	14.63	14.60	15.00	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	14.63	14.61	14.66	15.00	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	14.62	14.56	14.62	15.00	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	14.60	14.58	14.54	15.00	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)				3457.5	3499.995	3542.49		
Channel				630500	633333	636166		
15	Pi/2 BPSK	1	1	14.54	14.62	14.52	15.00	0.0

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	14.60	14.57	14.62	15.00	0.0

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3499.995			
Channel					633333			
100	Pi/2 BPSK	1	1		14.72		15.00	0.0
		1	137		14.57		15.00	0.0
		1	271		14.58		15.00	0.0
		135	0		14.17		14.50	0.5
		135	69		14.60		15.00	0.0
		135	138		14.18		14.50	0.5
		270	0		14.21		14.50	0.5
	QPSK	1	1		14.66		15.00	0.0
		1	137		14.57		15.00	0.0
		1	271		14.60		15.00	0.0
		135	0		13.57		14.00	1.0
		135	69		14.62		15.00	0.0
		135	138		13.58		14.00	1.0
		270	0		13.55		14.00	1.0
	16-QAM	1	1		13.59		14.00	1.0
	64QAM	1	1		12.02		12.50	2.5
	256-QAM	1	1		10.17		10.50	4.5

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	Pi/2 BPSK	1	1	14.60	14.56	14.65	15.00	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	14.61	14.61	14.62	15.00	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)				3480	3499.995	3519.99		
Channel				632000	633333	634666		
60	Pi/2 BPSK	1	1	14.55	14.66	14.61	15.00	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	14.58	14.63	14.63	15.00	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	14.62	14.64	14.66	15.00	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)				3460.005	3499.995	3540		
Channel				630667	633333	636000		
20	Pi/2 BPSK	1	1	14.61	14.63	14.63	15.00	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	14.68	14.61	14.66	15.00	0.0

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BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3499.995	3544.995		
Channel				630334	633333	636333		
10	Pi/2 BPSK	1	1	14.62	14.60	14.57	15.00	0.0

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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

Tablet mode

Ant5

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 V	Back Surface	0	4132	826.4	18.5	18.36	103.28%	0.061	0.063	-
WCDMA Band V	Top Edge	0	4132	826.4	18.5	18.36	103.28%	0.764	0.789	062
WCDMA Band V	Top Edge	0	4183	836.6	18.5	18.20	107.15%	0.711	0.762	-
WCDMA Band V	Top Edge	0	4233	846.6	18.5	18.20	107.15%	0.658	0.705	-
WCDMA Band V	Right Edge	0	4132	826.4	18.5	18.36	103.28%	0.098	0.101	-
WCDMA Band V	Left Edge	0	4132	826.4	18.5	18.36	103.28%	0.026	0.027	-
WCDMA Band V	Top Edge**	0	4132	826.4	18.5	18.36	103.28%	0.72	0.745	-

Note: ** - Vendor2 Spot check

Ant8

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	Back Surface	0	9538	1907.6	16.5	16.10	109.65%	0.029	0.032	-
WCDMA Band II	Top Edge	0	9262	1852.4	16.5	15.76	118.58%	0.293	0.347	-
WCDMA Band II	Top Edge	0	9400	1880	16.5	15.84	116.41%	0.320	0.373	063
WCDMA Band II	Top Edge	0	9538	1907.6	16.5	16.10	109.65%	0.286	0.314	-
WCDMA Band II	Right Edge	0	9538	1907.6	16.5	16.10	109.65%	0.024	0.026	-
WCDMA Band II	Left Edge	0	9538	1907.6	16.5	16.10	109.65%	0.011	0.012	-
WCDMA Band II	Top Edge**	0	9400	1880	16.5	15.84	116.41%	0.257	0.299	-
WCDMA Band IV	Back Surface	0	1513	1752.6	17.0	16.26	118.58%	0.038	0.045	-
WCDMA Band IV	Top Edge	0	1312	1712.4	17.0	16.25	118.85%	0.426	0.506	-
WCDMA Band IV	Top Edge	0	1412	1732.4	17.0	16.15	121.62%	0.472	0.574	064
WCDMA Band IV	Top Edge	0	1513	1752.6	17.0	16.26	118.58%	0.453	0.537	-
WCDMA Band IV	Right Edge	0	1513	1752.6	17.0	16.26	118.58%	0.026	0.031	-
WCDMA Band IV	Left Edge	0	1513	1752.6	17.0	16.26	118.58%	0.013	0.015	-
WCDMA Band IV	Top Edge**	0	1412	1732.4	17.0	16.15	121.62%	0.358	0.435	-

Note: ** - Vendor2 Spot check

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Ant5

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 5	10MHz	QPSK	1	0	Back Surface	0	20450	829	18.50	18.13	108.89%	0.054	0.059	-
LTE Band 5			25	25	Back Surface	0	20450	829	17.50	17.00	112.20%	0.039	0.044	-
LTE Band 5			1	0	Top Edge	0	20450	829	18.50	18.13	108.89%	0.668	0.727	065
LTE Band 5			1	0	Top Edge	0	20525	836.5	18.50	18.06	110.66%	0.614	0.679	-
LTE Band 5			1	0	Top Edge	0	20600	844	18.50	18.01	111.94%	0.582	0.652	-
LTE Band 5			25	25	Top Edge	0	20450	829	17.50	17.00	112.20%	0.521	0.585	-
LTE Band 5			1	0	Right Edge	0	20450	829	18.50	18.13	108.89%	0.103	0.112	-
LTE Band 5			25	25	Right Edge	0	20450	829	17.50	17.00	112.20%	0.082	0.092	-
LTE Band 5			1	0	Left Edge	0	20450	829	18.50	18.13	108.89%	0.023	0.025	-
LTE Band 5			25	25	Left Edge	0	20450	829	17.50	17.00	112.20%	0.014	0.016	-
LTE Band 5			1	0	Top Edge**	0	20450	829	18.50	18.13	108.89%	0.619	0.674	-
5B			1	49	Top Edge	0	20450	829	18.50	17.89	115.08%	0.533	0.613	-
LTE Band 12	10MHz	QPSK	1	0	Back Surface	0	23060	704	18.50	18.05	110.92%	0.076	0.084	-
LTE Band 12			25	12	Back Surface	0	23060	704	17.50	16.96	113.24%	0.063	0.071	-
LTE Band 12			1	0	Top Edge	0	23060	704	18.50	18.05	110.92%	0.767	0.851	066
LTE Band 12			1	0	Top Edge	0	23095	707.5	18.50	18.01	111.94%	0.688	0.770	-
LTE Band 12			1	0	Top Edge	0	23130	711	18.50	17.98	112.72%	0.643	0.725	-
LTE Band 12			25	12	Top Edge	0	23060	704	17.50	16.96	113.24%	0.584	0.661	-
LTE Band 12			50RB		Top Edge	0	23060	704	17.50	17.00	112.20%	0.592	0.664	-
LTE Band 12			1	0	Right Edge	0	23060	704	18.50	18.05	110.92%	0.123	0.136	-
LTE Band 12			25	12	Right Edge	0	23060	704	17.50	16.96	113.24%	0.102	0.116	-
LTE Band 12			1	0	Left Edge	0	23060	704	18.50	18.05	110.92%	0.034	0.038	-
LTE Band 12			1	0	Top Edge*	0	23060	704	18.50	18.05	110.92%	0.758	0.841	-
LTE Band 12			1	0	Top Edge**	0	23060	704	18.50	18.05	110.92%	0.739	0.820	-
LTE Band 13	10MHz	QPSK	1	0	Back Surface	0	23230	782	18.50	17.87	115.61%	0.021	0.024	-
LTE Band 13			25	0	Back Surface	0	23230	782	17.50	16.77	118.30%	0.014	0.017	-
LTE Band 13			1	0	Top Edge	0	23230	782	18.50	17.87	115.61%	0.349	0.403	067
LTE Band 13			25	0	Top Edge	0	23230	782	17.50	16.77	118.30%	0.286	0.338	-
LTE Band 13			1	0	Right Edge	0	23230	782	18.50	17.87	115.61%	0.065	0.075	-
LTE Band 13			25	0	Right Edge	0	23230	782	17.50	16.77	118.30%	0.057	0.067	-
LTE Band 13			1	0	Left Edge	0	23230	782	18.50	17.87	115.61%	0.008	0.009	-
LTE Band 13			25	0	Left Edge	0	23230	782	17.50	16.77	118.30%	0.005	0.006	-
LTE Band 13			1	0	Top Edge**	0	23230	782	18.50	17.87	115.61%	0.289	0.334	-
LTE Band 14	10MHz	QPSK	1	0	Back Surface	0	23330	793	18.50	18.04	111.17%	0.016	0.018	-
LTE Band 14			25	12	Back Surface	0	23330	793	17.50	16.97	112.98%	0.011	0.012	-
LTE Band 14			1	0	Top Edge	0	23330	793	18.50	18.04	111.17%	0.360	0.400	068
LTE Band 14			25	12	Top Edge	0	23330	793	17.50	16.97	112.98%	0.327	0.369	-
LTE Band 14			1	0	Right Edge	0	23330	793	18.50	18.04	111.17%	0.063	0.070	-
LTE Band 14			25	12	Right Edge	0	23330	793	17.50	16.97	112.98%	0.054	0.061	-
LTE Band 14			1	0	Left Edge	0	23330	793	18.50	18.04	111.17%	0.007	0.008	-
LTE Band 14			25	12	Left Edge	0	23330	793	17.50	16.97	112.98%	0.005	0.006	-
LTE Band 14			1	0	Top Edge**	0	23330	793	18.50	18.04	111.17%	0.302	0.336	-
LTE Band 17	10MHz	QPSK	1	0	Back Surface	0	23800	711	18.50	17.93	114.02%	0.079	0.090	-
LTE Band 17			25	12	Back Surface	0	23800	711	17.50	16.88	115.35%	0.068	0.078	-
LTE Band 17			1	0	Top Edge	0	23780	709	18.50	17.90	114.82%	0.626	0.719	-
LTE Band 17			1	0	Top Edge	0	23790	710	18.50	17.92	114.29%	0.653	0.746	-
LTE Band 17			1	0	Top Edge	0	23800	711	18.50	17.93	114.02%	0.714	0.814	069
LTE Band 17			25	12	Top Edge	0	23800	711	17.50	16.88	115.35%	0.537	0.619	-
LTE Band 17			50RB		Top Edge	0	23790	710	17.50	16.85	116.14%	0.518	0.602	-
LTE Band 17			1	0	Right Edge	0	23800	711	18.50	17.93	114.02%	0.121	0.138	-
LTE Band 17			25	12	Right Edge	0	23800	711	17.50	16.88	115.35%	0.088	0.102	-
LTE Band 17			1	0	Left Edge	0	23800	711	18.50	17.93	114.02%	0.022	0.025	-
LTE Band 17			25	12	Left Edge	0	23800	711	17.50	16.88	115.35%	0.015	0.017	-
LTE Band 17			1	0	Top Edge*	0	23800	711	18.50	17.93	114.02%	0.707	0.806	-
LTE Band 17			1	0	Top Edge**	0	23800	711	18.50	17.93	114.02%	0.637	0.726	-
LTE Band 26_FCC	15MHz	QPSK	1	0	Back Surface	0	26765	821.5	18.50	17.70	120.23%	0.058	0.070	-
LTE Band 26_FCC			36	18	Back Surface	0	26765	821.5	17.50	16.54	124.74%	0.041	0.051	-
LTE Band 26_FCC			1	0	Top Edge	0	26765	821.5	18.50	17.70	120.23%	0.555	0.667	070
LTE Band 26_FCC			1	0	Top Edge	0	26865	831.5	18.50	17.51	125.60%	0.534	0.671	-
LTE Band 26_FCC			1	0	Top Edge	0	26965	841.5	18.50	17.61	122.74%	0.515	0.632	-
LTE Band 26_FCC			36	18	Top Edge	0	26765	821.5	17.50	16.54	124.74%	0.508	0.634	-
LTE Band 26_FCC			1	0	Right Edge	0	26765	821.5	18.50	17.70	120.23%	0.095	0.114	-
LTE Band 26_FCC			36	18	Right Edge	0	26765	821.5	17.50	16.54	124.74%	0.078	0.097	-
LTE Band 26_FCC			1	0	Left Edge	0	26765	821.5	18.50	17.70	120.23%	0.026	0.031	-
LTE Band 26_FCC			36	18	Left Edge	0	26765	821.5	17.50	16.54	124.74%	0.015	0.019	-
LTE Band 26_FCC			1	0	Top Edge**	0	26765	821.5	18.50	17.70	120.23%	0.524	0.630	-

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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LTE Band 71	20MHz	QPSK	1	0	Back Surface	0	133372	688	20.00	19.85	103.51%	0.072	0.075	-
LTE Band 71			50	0	Back Surface	0	133372	688	19.00	18.72	106.66%	0.060	0.064	-
LTE Band 71			1	0	Top Edge	0	133222	673	20.00	19.76	105.68%	0.720	0.761	-
LTE Band 71			1	0	Top Edge	0	133297	680.5	20.00	19.73	106.41%	0.735	0.782	-
LTE Band 71			1	0	Top Edge	0	133372	688	20.00	19.85	103.51%	0.753	0.779	072
LTE Band 71			50	0	Top Edge	0	133372	688	19.00	18.72	106.66%	0.588	0.627	-
LTE Band 71			1	0	Right Edge	0	133372	688	20.00	19.85	103.51%	0.118	0.122	-
LTE Band 71			50	0	Right Edge	0	133372	688	19.00	18.72	106.66%	0.094	0.100	-
LTE Band 71			1	0	Left Edge	0	133372	688	20.00	19.85	103.51%	0.031	0.032	-
LTE Band 71			50	0	Left Edge	0	133372	688	19.00	18.72	106.66%	0.026	0.028	-
LTE Band 71			1	0	Top Edge**	0	133372	688	20.00	19.85	103.51%	0.684	0.708	-
LTE Band 41_PC3			1	0	Back Surface	0	39750	2506	15.50	15.13	108.89%	0.055	0.060	-
LTE Band 41_PC3	20MHz	QPSK	50	25	Back Surface	0	39750	2506	14.50	14.09	109.90%	0.048	0.053	-
LTE Band 41_PC3			1	0	Top Edge	0	39750	2506	15.50	15.13	108.89%	0.572	0.623	-
LTE Band 41_PC3			1	0	Top Edge	0	40185	2549.5	15.50	14.72	119.67%	0.605	0.724	073
LTE Band 41_PC3			1	0	Top Edge	0	40620	2593	15.50	14.80	117.49%	0.583	0.685	-
LTE Band 41_PC3			1	0	Top Edge	0	41055	2636.5	15.50	14.59	123.31%	0.561	0.679	-
LTE Band 41_PC3			1	0	Top Edge	0	41490	2680	15.50	14.64	121.90%	0.535	0.652	-
LTE Band 41_PC3			50	25	Top Edge	0	39750	2506	14.50	14.09	109.90%	0.541	0.595	-
LTE Band 41_PC3			1	0	Right Edge	0	39750	2506	15.50	15.13	108.89%	0.116	0.126	-
LTE Band 41_PC3			50	25	Right Edge	0	39750	2506	14.50	14.09	109.90%	0.081	0.089	-
LTE Band 41_PC3			1	0	Left Edge	0	39750	2506	15.50	15.13	108.89%	0.030	0.033	-
LTE Band 41_PC3			50	25	Left Edge	0	39750	2506	14.50	14.09	109.90%	0.022	0.024	-
LTE Band 41_PC3			1	0	Top Edge**	0	40185	2549.5	15.50	14.72	119.67%	0.547	0.655	-
LTE Band 42_Part1	20MHz	QPSK	1	0	Back Surface	0	42990	3540	14.50	14.35	103.51%	0.053	0.055	-
LTE Band 42_Part1			50	0	Back Surface	0	42990	3540	13.50	13.28	105.20%	0.044	0.046	-
LTE Band 42_Part1			1	0	Top Edge	0	42190	3460	14.50	14.28	105.20%	0.637	0.670	-
LTE Band 42_Part1			1	0	Top Edge	0	42590	3500	14.50	14.34	103.75%	0.736	0.764	075
LTE Band 42_Part1			1	0	Top Edge	0	42990	3540	14.50	14.35	103.51%	0.703	0.728	-
LTE Band 42_Part1			50	0	Top Edge	0	42990	3540	13.50	13.28	105.20%	0.674	0.709	-
LTE Band 42_Part1			1	0	Right Edge	0	42990	3540	14.50	14.35	103.51%	0.107	0.111	-
LTE Band 42_Part1			50	0	Right Edge	0	42990	3540	13.50	13.28	105.20%	0.092	0.097	-
LTE Band 42_Part1			1	0	Left Edge	0	42990	3540	14.50	14.35	103.51%	0.029	0.030	-
LTE Band 42_Part1			50	0	Left Edge	0	42990	3540	13.50	13.28	105.20%	0.021	0.022	-
LTE Band 42_Part1			1	0	Top Edge**	0	42590	3500	14.50	14.34	103.75%	0.688	0.714	-
LTE Band 42_Part2	20MHz	QPSK	1	0	Back Surface	0	43190	3560	14.50	14.47	100.69%	0.057	0.057	-
LTE Band 42_Part2			50	50	Back Surface	0	43190	3560	13.50	13.38	102.80%	0.049	0.050	-
LTE Band 42_Part2			1	0	Top Edge	0	43190	3560	14.50	14.47	100.69%	0.663	0.668	-
LTE Band 42_Part2			1	0	Top Edge	0	43340	3575	14.50	14.42	101.86%	0.692	0.705	076
LTE Band 42_Part2			1	0	Top Edge	0	43490	3590	14.50	14.36	103.28%	0.630	0.651	-
LTE Band 42_Part2			50	50	Top Edge	0	43190	3560	13.50	13.38	102.80%	0.627	0.645	-
LTE Band 42_Part2			1	0	Right Edge	0	43190	3560	14.50	14.47	100.69%	0.093	0.094	-
LTE Band 42_Part2			50	50	Right Edge	0	43190	3560	13.50	13.38	102.80%	0.084	0.086	-
LTE Band 42_Part2			1	0	Left Edge	0	43190	3560	14.50	14.47	100.69%	0.026	0.026	-
LTE Band 42_Part2			50	50	Left Edge	0	43190	3560	13.50	13.38	102.80%	0.021	0.022	-
LTE Band 42_Part2			1	0	Top Edge**	0	43340	3575	14.50	14.42	101.86%	0.593	0.604	-
LTE Band 48	20MHz	QPSK	1	0	Back Surface	0	56150	3641	14.50	14.38	102.80%	0.055	0.057	-
LTE Band 48			50	50	Back Surface	0	56150	3641	13.50	13.33	103.99%	0.048	0.050	-
LTE Band 48			1	0	Top Edge	0	55340	3560	14.50	14.31	104.47%	0.710	0.742	078
LTE Band 48			1	0	Top Edge	0	55830	3609	14.50	14.22	106.66%	0.653	0.696	-
LTE Band 48			1	0	Top Edge	0	56150	3641	14.50	14.38	102.80%	0.639	0.657	-
LTE Band 48			1	0	Top Edge	0	56640	3690	14.50	14.37	103.04%	0.657	0.677	-
LTE Band 48			50	50	Top Edge	0	56150	3641	13.50	13.33	103.99%	0.626	0.651	-
LTE Band 48			1	0	Right Edge	0	56150	3641	14.50	14.38	102.80%	0.116	0.119	-
LTE Band 48			50	50	Right Edge	0	56150	3641	13.50	13.33	103.99%	0.102	0.106	-
LTE Band 48			1	0	Left Edge	0	56150	3641	14.50	14.38	102.80%	0.034	0.035	-
LTE Band 48			50	50	Left Edge	0	56150	3641	13.50	13.33	103.99%	0.025	0.026	-
LTE Band 48			1	0	Top Edge**	0	55340	3560	14.50	14.31	104.47%	0.664	0.694	-

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

Note: ** - Vendor2 Spot check

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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	30MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	373000	1865	16.00	15.98	100.46%	0.034	0.034	-
NR n2			80	40	Back Surface	0	373000	1865	16.00	15.85	103.51%	0.026	0.027	-
NR n2			1	1	Top Edge	0	373000	1865	16.00	15.98	100.46%	0.540	0.542	079
NR n2			1	1	Top Edge	0	376000	1880	16.00	15.96	100.93%	0.503	0.508	-
NR n2			1	1	Top Edge	0	379000	1895	16.00	15.93	101.62%	0.485	0.493	-
NR n2			80	40	Top Edge	0	373000	1865	16.00	15.85	103.51%	0.523	0.541	-
NR n2			1	1	Right Edge	0	373000	1865	16.00	15.98	100.46%	0.043	0.043	-
NR n2			80	40	Right Edge	0	373000	1865	16.00	15.85	103.51%	0.028	0.029	-
NR n2			1	1	Left Edge	0	373000	1865	16.00	15.98	100.46%	0.013	0.013	-
NR n2			1	1	Top Edge**	0	373000	1865	16.00	15.98	100.46%	0.477	0.479	-
NR n5	25MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	167300	836.5	18.50	18.06	110.66%	0.045	0.050	-
NR n5			64	32	Back Surface	0	167300	836.5	18.50	17.95	113.50%	0.037	0.042	-
NR n5			1	1	Top Edge	0	167300	836.5	18.50	18.06	110.66%	0.703	0.778	080
NR n5			64	32	Top Edge	0	167300	836.5	18.50	17.95	113.50%	0.657	0.746	-
NR n5			1	1	Right Edge	0	167300	836.5	18.50	18.06	110.66%	0.134	0.148	-
NR n5			64	32	Right Edge	0	167300	836.5	18.50	17.95	113.50%	0.101	0.115	-
NR n5			1	1	Left Edge	0	167300	836.5	18.50	18.06	110.66%	0.027	0.030	-
NR n5			64	32	Left Edge	0	167300	836.5	18.50	17.95	113.50%	0.019	0.022	-
NR n5			1	1	Top Edge**	0	167300	836.5	18.50	18.06	110.66%	0.619	0.685	-
NR n12	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	141300	706.5	18.50	18.48	100.46%	0.078	0.078	-
NR n12			36	22	Back Surface	0	141500	707.5	18.50	18.34	103.75%	0.064	0.066	-
NR n12			1	1	Top Edge	0	141300	706.5	18.50	18.48	100.46%	0.783	0.787	-
NR n12			1	1	Top Edge	0	141500	707.5	18.50	18.44	101.39%	0.933	0.946	081
NR n12			1	1	Top Edge	0	141700	708.5	18.50	18.43	101.62%	0.832	0.846	-
NR n12			36	22	Top Edge	0	141500	707.5	18.50	18.34	103.75%	0.726	0.753	-
NR n12			75	0	Top Edge	0	141300	706.5	18.00	17.94	101.39%	0.698	0.708	-
NR n12			1	1	Right Edge	0	141300	706.5	18.50	18.48	100.46%	0.155	0.156	-
NR n12			36	22	Right Edge	0	141500	707.5	18.50	18.34	103.75%	0.111	0.115	-
NR n12			1	1	Left Edge	0	141300	706.5	18.50	18.48	100.46%	0.053	0.053	-
NR n12			36	22	Left Edge	0	141500	707.5	18.50	18.34	103.75%	0.048	0.050	-
NR n12			1	1	Top Edge*	0	141500	707.5	18.50	18.44	101.39%	0.928	0.941	-
NR n12			1	1	Top Edge**	0	141500	707.5	18.50	18.44	101.39%	0.847	0.859	-
NR n14	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	158600	793	18.50	18.48	100.46%	0.024	0.024	-
NR n14			25	13	Back Surface	0	158600	793	18.50	18.36	103.28%	0.018	0.019	-
NR n14			1	1	Top Edge	0	158600	793	18.50	18.48	100.46%	0.406	0.408	082
NR n14			25	13	Top Edge	0	158600	793	18.50	18.36	103.28%	0.327	0.338	-
NR n14			1	1	Right Edge	0	158600	793	18.50	18.48	100.46%	0.036	0.036	-
NR n14			25	13	Right Edge	0	158600	793	18.50	18.36	103.28%	0.029	0.030	-
NR n14			1	1	Left Edge	0	158600	793	18.50	18.48	100.46%	0.009	0.009	-
NR n14			25	13	Left Edge	0	158600	793	18.50	18.36	103.28%	0.006	0.006	-
NR n14			1	1	Top Edge**	0	158600	793	18.50	18.48	100.46%	0.339	0.341	-
NR n25	45MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	378500	1892.5	16.00	15.99	100.23%	0.036	0.036	-
NR n25			120	60	Back Surface	0	378500	1892.5	16.00	15.84	103.75%	0.028	0.029	-
NR n25			1	1	Top Edge	0	374500	1872.5	16.00	15.90	102.33%	0.698	0.714	083
NR n25			1	1	Top Edge	0	376500	1882.5	16.00	15.98	100.46%	0.588	0.591	-
NR n25			1	1	Top Edge	0	378500	1892.5	16.00	15.99	100.23%	0.614	0.615	-
NR n25			120	60	Top Edge	0	378500	1892.5	16.00	15.84	103.75%	0.537	0.557	-
NR n25			1	1	Right Edge	0	378500	1892.5	16.00	15.99	100.23%	0.058	0.058	-
NR n25			120	60	Right Edge	0	378500	1892.5	16.00	15.84	103.75%	0.042	0.044	-
NR n25			1	1	Left Edge	0	378500	1892.5	16.00	15.99	100.23%	0.023	0.023	-
NR n25			120	60	Left Edge	0	378500	1892.5	16.00	15.84	103.75%	0.018	0.019	-
NR n25			1	1	Top Edge**	0	374500	1872.5	16.00	15.90	102.33%	0.639	0.654	-
NR n26	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	166300	831.5	18.50	18.48	100.46%	0.053	0.053	-
NR n26			50	28	Back Surface	0	166300	831.5	18.50	18.33	103.99%	0.039	0.041	-
NR n26			1	1	Top Edge	0	164800	824	18.50	18.47	100.69%	0.739	0.744	-
NR n26			1	1	Top Edge	0	166300	831.5	18.50	18.48	100.46%	0.785	0.789	084
NR n26			1	1	Top Edge	0	167800	839	18.50	18.35	103.51%	0.727	0.753	-
NR n26			50	28	Top Edge	0	166300	831.5	18.50	18.33	103.99%	0.689	0.717	-
NR n26			1	1	Right Edge	0	166300	831.5	18.50	18.48	100.46%	0.062	0.062	-
NR n26			50	28	Right Edge	0	166300	831.5	18.50	18.33	103.99%	0.057	0.059	-
NR n26			1	1	Left Edge	0	166300	831.5	18.50	18.48	100.46%	0.024	0.024	-
NR n26			50	28	Left Edge	0	166300	831.5	18.50	18.33	103.99%	0.018	0.019	-
NR n26			1	1	Top Edge**	0	166300	831.5	18.50	18.48	100.46%	0.664	0.667	-
NR n71	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	136100	680.5	14.00	13.99	100.23%	0.006	0.006	-
NR n71			50	28	Back Surface	0	136100	680.5	14.00	13.94	101.39%	0.004	0.004	-
NR n71			1	1	Top Edge	0	134600	673	14.00	13.98	100.46%	0.193	0.194	-
NR n71			1	1	Top Edge	0	136100	680.5	14.00	13.99	100.23%	0.210	0.210	085
NR n71			1	1	Top Edge	0	137600	688	14.00	13.95	101.16%	0.184	0.186	-
NR n71			50	28	Top Edge	0	136100	680.5	14.00	13.94	101.39%	0.173	0.175	-
NR n71			1	1	Right Edge	0	136100	680.5	14.00	13.99	100.23%	0.011	0.011	-
NR n71			50	28	Right Edge	0	136100	680.5	14.00	13.94	101.39%	0.008	0.008	-
NR n71			1	1	Left Edge	0	136100	680.5	14.00	13.99	100.23%	0.003	0.003	-
NR n71			50	28	Left Edge	0	136100	680.5	14.00	13.94	101.39%	0.002	0.002	-
NR n71			1	1	Top Edge**	0	136100	680.5	14.00	13.99	100.23%	0.165	0.165	-

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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NR n41_PC3	100MHz	SCS 30kHz PI/2 BPSK	1	1	Back Surface	0	509202	2546.01	15.50	15.34	103.75%	0.016	0.017	-
NR n41_PC3			135	69	Back Surface	0	509202	2546.01	15.50	15.29	104.95%	0.013	0.014	-
NR n41_PC3			1	1	Top Edge	0	509202	2546.01	15.50	15.34	103.75%	0.465	0.482	086
NR n41_PC3			1	1	Top Edge	0	518598	2592.99	15.50	15.17	107.89%	0.437	0.471	-
NR n41_PC3			1	1	Top Edge	0	528000	2640	15.50	14.76	118.58%	0.402	0.477	-
NR n41_PC3			135	69	Top Edge	0	509202	2546.01	15.50	15.29	104.95%	0.429	0.450	-
NR n41_PC3			1	1	Right Edge	0	509202	2546.01	15.50	15.34	103.75%	0.026	0.027	-
NR n41_PC3			135	69	Right Edge	0	509202	2546.01	15.50	15.29	104.95%	0.022	0.023	-
NR n41_PC3			1	1	Left Edge	0	509202	2546.01	15.50	15.34	103.75%	0.010	0.010	-
NR n41_PC3			135	69	Left Edge	0	509202	2546.01	15.50	15.29	104.95%	0.006	0.006	-
NR n41_PC3			1	1	Top Edge**	0	509202	2546.01	15.50	15.34	103.75%	0.388	0.403	-
NR n48	40MHz	SCS 30kHz PI/2 BPSK	1	1	Back Surface	0	638000	3570	14.50	14.45	101.16%	0.023	0.023	-
NR n48			50	28	Back Surface	0	641668	3625.02	14.50	14.31	104.47%	0.020	0.021	-
NR n48			1	1	Top Edge	0	638000	3570	14.50	14.45	101.16%	0.518	0.524	087
NR n48			1	1	Top Edge	0	641668	3625.02	14.50	14.41	102.09%	0.488	0.498	-
NR n48			1	1	Top Edge	0	645332	3679.98	14.50	14.30	104.71%	0.452	0.473	-
NR n48			50	28	Top Edge	0	641668	3625.02	14.50	14.31	104.47%	0.457	0.477	-
NR n48			1	1	Right Edge	0	638000	3570	14.50	14.45	101.16%	0.031	0.031	-
NR n48			50	28	Right Edge	0	641668	3625.02	14.50	14.31	104.47%	0.028	0.029	-
NR n48			1	1	Left Edge	0	638000	3570	14.50	14.45	101.16%	0.017	0.017	-
NR n48			50	28	Left Edge	0	641668	3625.02	14.50	14.31	104.47%	0.013	0.014	-
NR n48			1	1	Top Edge**	0	638000	3570	14.50	14.41	101.16%	0.457	0.462	-
NR n77_PC3_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Back Surface	0	650000	3750	14.00	13.97	100.69%	0.039	0.039	-
NR n77_PC3_FCC			135	69	Back Surface	0	650000	3750	14.00	13.88	102.80%	0.036	0.037	-
NR n77_PC3_FCC			1	1	Top Edge	0	650000	3750	14.00	13.97	100.69%	0.631	0.635	088
NR n77_PC3_FCC			1	1	Top Edge	0	653000	3795	14.00	13.84	103.75%	0.610	0.633	-
NR n77_PC3_FCC			1	1	Top Edge	0	656000	3840	14.00	13.72	106.66%	0.583	0.622	-
NR n77_PC3_FCC			1	1	Top Edge	0	659000	3885	14.00	13.53	111.43%	0.564	0.628	-
NR n77_PC3_FCC			1	1	Top Edge	0	662000	3930	14.00	13.46	113.24%	0.551	0.624	-
NR n77_PC3_FCC			135	69	Top Edge	0	650000	3750	14.00	13.88	102.80%	0.603	0.620	-
NR n77_PC3_FCC			1	1	Right Edge	0	650000	3750	14.00	13.97	100.69%	0.048	0.048	-
NR n77_PC3_FCC			135	69	Right Edge	0	650000	3750	14.00	13.88	102.80%	0.043	0.044	-
NR n77_PC3_FCC			1	1	Left Edge	0	650000	3750	14.00	13.97	100.69%	0.028	0.028	-
NR n77_PC3_FCC			135	69	Left Edge	0	650000	3750	14.00	13.88	102.80%	0.024	0.025	-
NR n77_PC3_FCC			1	1	Top Edge**	0	650000	3750	14.00	13.97	100.69%	0.553	0.557	-
NR n77_PC2_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Back Surface	0	650000	3750	14.00	13.94	101.39%	0.016	0.016	-
NR n77_PC2_FCC			135	69	Back Surface	0	650000	3750	14.00	13.80	104.71%	0.013	0.014	-
NR n77_PC2_FCC			1	1	Top Edge	0	650000	3750	14.00	13.94	101.39%	0.157	0.159	089
NR n77_PC2_FCC			1	1	Top Edge	0	653000	3795	14.00	13.85	103.51%	0.132	0.137	-
NR n77_PC2_FCC			1	1	Top Edge	0	656000	3840	14.00	13.70	107.15%	0.126	0.135	-
NR n77_PC2_FCC			1	1	Top Edge	0	659000	3885	14.00	13.50	112.20%	0.119	0.134	-
NR n77_PC2_FCC			1	1	Top Edge	0	662000	3930	14.00	13.42	114.29%	0.104	0.119	-
NR n77_PC2_FCC			135	69	Top Edge	0	650000	3750	14.00	13.80	104.71%	0.109	0.114	-
NR n77_PC2_FCC			1	1	Right Edge	0	650000	3750	14.00	13.94	101.39%	0.021	0.021	-
NR n77_PC2_FCC			135	69	Right Edge	0	650000	3750	14.00	13.80	104.71%	0.016	0.017	-
NR n77_PC2_FCC			1	1	Left Edge	0	650000	3750	14.00	13.94	101.39%	0.009	0.009	-
NR n77_PC2_FCC			135	69	Left Edge	0	650000	3750	14.00	13.80	104.71%	0.006	0.006	-
NR n77_PC2_FCC			1	1	Top Edge**	0	650000	3750	14.00	13.94	101.39%	0.119	0.121	-
NR n77 & n78_PC3_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Back Surface	0	633333	3499.995	14.00	13.94	101.39%	0.033	0.033	-
NR n77 & n78_PC3_FCC			135	69	Back Surface	0	633333	3499.995	14.00	13.83	103.99%	0.029	0.030	-
NR n77 & n78_PC3_FCC			1	1	Top Edge	0	633333	3499.995	14.00	13.94	101.39%	0.619	0.628	090
NR n77 & n78_PC3_FCC			135	69	Top Edge	0	633333	3499.995	14.00	13.83	103.99%	0.600	0.624	-
NR n77 & n78_PC3_FCC			1	1	Right Edge	0	633333	3499.995	14.00	13.94	101.39%	0.042	0.043	-
NR n77 & n78_PC3_FCC			135	69	Right Edge	0	633333	3499.995	14.00	13.83	103.99%	0.040	0.042	-
NR n77 & n78_PC3_FCC			1	1	Left Edge	0	633333	3499.995	14.00	13.94	101.39%	0.023	0.023	-
NR n77 & n78_PC3_FCC			135	69	Left Edge	0	633333	3499.995	14.00	13.83	103.99%	0.020	0.021	-
NR n77 & n78_PC3_FCC			1	1	Top Edge**	0	633333	3499.995	14.00	13.94	101.39%	0.541	0.549	-
NR n77 & n78_PC2_FCC	100MHz	SCS 30kHz PI/2 BPSK	1	1	Back Surface	0	633333	3499.995	14.00	13.96	100.93%	0.015	0.015	-
NR n77 & n78_PC2_FCC			135	69	Back Surface	0	633333	3499.995	14.00	13.79	104.95%	0.011	0.012	-
NR n77 & n78_PC2_FCC			1	1	Top Edge	0	633333	3499.995	14.00	13.96	100.93%	0.142	0.143	091
NR n77 & n78_PC2_FCC			135	69	Top Edge	0	633333	3499.995	14.00	13.79	104.95%	0.124	0.130	-
NR n77 & n78_PC2_FCC			1	1	Right Edge	0	633333	3499.995	14.00	13.96	100.93%	0.022	0.022	-
NR n77 & n78_PC2_FCC			135	69	Right Edge	0	633333	3499.995	14.00	13.79	104.95%	0.019	0.020	-
NR n77 & n78_PC2_FCC			1	1	Left Edge	0	633333	3499.995	14.00	13.96	100.93%	0.014	0.014	-
NR n77 & n78_PC2_FCC			135	69	Left Edge	0	633333	3499.995	14.00	13.79	104.95%	0.006	0.006	-
NR n77 & n78_PC2_FCC			1	1	Top Edge**	0	633333	3499.995	14.00	13.96	100.93%	0.112	0.113	-

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

Note: ** - Vendor2 Spot check

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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	Back Surface	0	19100	1900	16.50	16.21	106.91%	0.033	0.035	-
LTE Band 2			50	25	Back Surface	0	19100	1860	15.50	15.08	110.15%	0.030	0.033	-
LTE Band 2			1	0	Top Edge	0	18700	1860	16.50	15.84	116.41%	0.387	0.451	094
LTE Band 2			1	0	Top Edge	0	18900	1880	16.50	16.14	108.64%	0.366	0.398	-
LTE Band 2			1	0	Top Edge	0	19100	1900	16.50	16.21	106.91%	0.348	0.372	-
LTE Band 2			50	25	Top Edge	0	19100	1860	15.50	15.08	110.15%	0.334	0.368	-
LTE Band 2			1	0	Right Edge	0	19100	1900	16.50	16.21	106.91%	0.027	0.029	-
LTE Band 2			50	25	Right Edge	0	19100	1860	15.50	15.08	110.15%	0.024	0.026	-
LTE Band 2			1	0	Left Edge	0	19100	1900	16.50	16.21	106.91%	0.012	0.013	-
LTE Band 2			50	25	Left Edge	0	19100	1860	15.50	15.08	110.15%	0.010	0.011	-
LTE Band 2			1	0	Top Edge**	0	18700	1860	16.50	15.84	116.41%	0.319	0.371	-
LTE Band 4	20MHz	QPSK	1	0	Back Surface	0	20050	1720	17.00	16.87	103.04%	0.034	0.035	-
LTE Band 4			50	50	Back Surface	0	20050	1720	16.00	15.83	103.99%	0.032	0.033	-
LTE Band 4			1	0	Top Edge	0	20050	1720	17.00	16.87	103.04%	0.523	0.539	-
LTE Band 4			1	0	Top Edge	0	20175	1732.5	17.00	16.70	107.15%	0.501	0.537	-
LTE Band 4			1	0	Top Edge	0	20300	1745	17.00	16.79	104.95%	0.540	0.567	095
LTE Band 4			50	50	Top Edge	0	20050	1720	16.00	15.83	103.99%	0.468	0.487	-
LTE Band 4			1	0	Right Edge	0	20050	1720	17.00	16.87	103.04%	0.031	0.032	-
LTE Band 4			50	50	Right Edge	0	20050	1720	16.00	15.83	103.99%	0.027	0.028	-
LTE Band 4			1	0	Left Edge	0	20050	1720	17.00	16.87	103.04%	0.016	0.016	-
LTE Band 4			50	50	Left Edge	0	20050	1720	16.00	15.83	103.99%	0.012	0.012	-
LTE Band 4			1	0	Top Edge**	0	20300	1745	17.00	16.79	104.95%	0.485	0.509	-
LTE Band 7	20MHz	QPSK	1	0	Back Surface	0	21100	2535	17.50	17.15	108.39%	0.034	0.037	-
LTE Band 7			50	0	Back Surface	0	21100	2535	16.50	16.10	109.65%	0.030	0.033	-
LTE Band 7			1	0	Top Edge	0	20850	2510	17.50	17.02	111.69%	0.486	0.543	-
LTE Band 7			1	0	Top Edge	0	21100	2535	17.50	17.15	108.39%	0.518	0.561	-
LTE Band 7			1	0	Top Edge	0	21350	2560	17.50	17.10	109.65%	0.572	0.627	096
LTE Band 7			50	0	Top Edge	0	21100	2535	16.50	16.10	109.65%	0.458	0.502	-
LTE Band 7			1	0	Right Edge	0	21100	2535	17.50	17.15	108.39%	0.031	0.034	-
LTE Band 7			50	0	Right Edge	0	21100	2535	16.50	16.10	109.65%	0.024	0.026	-
LTE Band 7			1	0	Left Edge	0	21100	2535	17.50	17.15	108.39%	0.014	0.015	-
LTE Band 7			50	0	Left Edge	0	21100	2535	16.50	16.10	109.65%	0.011	0.012	-
LTE Band 7			1	0	Top Edge**	0	21350	2560	17.50	17.10	109.65%	0.514	0.564	-
7C			1	0	Top Edge	0	21350	2560	17.50	16.97	112.98%	0.441	0.498	-
LTE Band 25	20MHz	QPSK	1	0	Back Surface	0	26590	1905	18.50	18.28	105.20%	0.029	0.031	-
LTE Band 25			50	0	Back Surface	0	26590	1905	17.50	17.16	108.14%	0.022	0.024	-
LTE Band 25			1	0	Top Edge	0	26140	1860	18.50	17.86	115.88%	0.584	0.677	097
LTE Band 25			1	0	Top Edge	0	26365	1882.5	18.50	18.18	107.65%	0.533	0.574	-
LTE Band 25			1	0	Top Edge	0	26590	1905	18.50	18.28	105.20%	0.516	0.543	-
LTE Band 25			50	0	Top Edge	0	26590	1905	17.50	17.16	108.14%	0.553	0.598	-
LTE Band 25			1	0	Right Edge	0	26590	1905	18.50	18.28	105.20%	0.026	0.027	-
LTE Band 25			50	0	Right Edge	0	26590	1905	17.50	17.16	108.14%	0.019	0.021	-
LTE Band 25			1	0	Left Edge	0	26590	1905	18.50	18.28	105.20%	0.013	0.014	-
LTE Band 25			50	0	Left Edge	0	26590	1905	17.50	17.16	108.14%	0.008	0.009	-
LTE Band 25			1	0	Top Edge**	0	26140	1860	18.50	17.86	115.88%	0.478	0.554	-
LTE Band 30	10MHz	QPSK	1	0	Back Surface	0	27710	2310	18.00	17.68	107.65%	0.046	0.050	-
LTE Band 30			25	0	Back Surface	0	27710	2310	17.00	16.57	110.41%	0.041	0.045	-
LTE Band 30			1	0	Top Edge	0	27710	2310	18.00	17.68	107.65%	0.958	1.031	098
LTE Band 30			25	0	Top Edge	0	27710	2310	17.00	16.57	110.41%	0.912	1.007	-
LTE Band 30			50RB		Top Edge	0	27710	2310	17.00	16.54	111.17%	0.793	0.882	-
LTE Band 30			1	0	Right Edge	0	27710	2310	18.00	17.68	107.65%	0.039	0.042	-
LTE Band 30			25	0	Right Edge	0	27710	2310	17.00	16.57	110.41%	0.032	0.035	-
LTE Band 30			1	0	Left Edge	0	27710	2310	18.00	17.68	107.65%	0.024	0.026	-
LTE Band 30			25	0	Left Edge	0	27710	2310	17.00	16.57	110.41%	0.019	0.021	-
LTE Band 30			1	0	Top Edge*	0	27710	2310	18.00	17.68	107.65%	0.947	1.019	-
LTE Band 30			1	0	Top Edge**	0	27710	2310	18.00	17.68	107.65%	0.868	0.934	-
LTE Band 66	20MHz	QPSK	1	0	Back Surface	0	132572	1770	17.00	16.98	100.46%	0.025	0.025	-
LTE Band 66			50	0	Back Surface	0	132322	1745	16.00	15.88	102.80%	0.019	0.020	-
LTE Band 66			1	0	Top Edge	0	132072	1720	17.00	16.95	101.16%	0.498	0.504	-
LTE Band 66			1	0	Top Edge	0	132322	1745	17.00	16.92	101.86%	0.545	0.555	099
LTE Band 66			1	0	Top Edge	0	132572	1770	17.00	16.98	100.46%	0.516	0.518	-
LTE Band 66			50	0	Top Edge	0	132322	1745	16.00	15.88	102.80%	0.423	0.435	-
LTE Band 66			1	0	Right Edge	0	132572	1770	17.00	16.98	100.46%	0.022	0.022	-
LTE Band 66			50	0	Right Edge	0	132322	1745	16.00	15.88	102.80%	0.016	0.016	-
LTE Band 66			1	0	Left Edge	0	132572	1770	17.00	16.98	100.46%	0.008	0.008	-
LTE Band 66			50	0	Left Edge	0	132322	1745	16.00	15.88	102.80%	0.006	0.006	-
LTE Band 66			1	0	Top Edge**	0	132322	1745	17.00	16.92	101.86%	0.482	0.491	-
66C			1	0	Top Edge	0	132072	1720	17.00	16.81	104.47%	0.433	0.452	-

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LTE Band 38	20MHz	QPSK	1	0	Back Surface	0	37850	2580	18.00	17.96	100.93%	0.032	0.032	-
LTE Band 38			50	25	Back Surface	0	37850	2580	17.00	16.86	103.28%	0.027	0.028	-
LTE Band 38			1	0	Top Edge	0	37850	2580	18.00	17.96	100.93%	0.693	0.699	-
LTE Band 38			1	0	Top Edge	0	38000	2595	18.00	17.92	101.86%	0.737	0.751	100
LTE Band 38			1	0	Top Edge	0	38150	2610	18.00	17.91	102.09%	0.701	0.716	-
LTE Band 38			50	25	Top Edge	0	37850	2580	17.00	16.86	103.28%	0.572	0.591	-
LTE Band 38			1	0	Right Edge	0	37850	2580	18.00	17.96	100.93%	0.025	0.025	-
LTE Band 38			50	25	Right Edge	0	37850	2580	17.00	16.86	103.28%	0.019	0.020	-
LTE Band 38			1	0	Left Edge	0	37850	2580	18.00	17.96	100.93%	0.011	0.011	-
LTE Band 38			50	25	Left Edge	0	37850	2580	17.00	16.86	103.28%	0.007	0.007	-
LTE Band 38			1	0	Top Edge**	0	38000	2595	18.00	17.92	101.86%	0.689	0.702	-
38C			1	0	Top Edge	0	37850	2580	18.00	17.91	102.09%	0.442	0.451	-
LTE Band 41_PC3	20MHz	QPSK	1	0	Back Surface	0	40185	2549.5	17.00	16.76	105.68%	0.028	0.030	-
LTE Band 41_PC3			50	25	Back Surface	0	40185	2549.5	16.00	15.73	106.41%	0.022	0.023	-
LTE Band 41_PC3			1	0	Top Edge	0	39750	2506	17.00	16.66	108.14%	0.466	0.504	-
LTE Band 41_PC3			1	0	Top Edge	0	40185	2549.5	17.00	16.76	105.68%	0.493	0.521	-
LTE Band 41_PC3			1	0	Top Edge	0	40620	2593	17.00	16.50	112.20%	0.528	0.592	101
LTE Band 41_PC3			1	0	Top Edge	0	41055	2636.5	17.00	16.61	109.40%	0.514	0.562	-
LTE Band 41_PC3			1	0	Top Edge	0	41490	2680	17.00	16.47	112.98%	0.502	0.567	-
LTE Band 41_PC3			50	25	Top Edge	0	40185	2549.5	16.00	15.73	106.41%	0.406	0.432	-
LTE Band 41_PC3			1	0	Right Edge	0	40185	2549.5	17.00	16.76	105.68%	0.018	0.019	-
LTE Band 41_PC3			50	25	Right Edge	0	40185	2549.5	16.00	15.73	106.41%	0.014	0.015	-
LTE Band 41_PC3			1	0	Left Edge	0	40185	2549.5	17.00	16.76	105.68%	0.009	0.010	-
LTE Band 41_PC3			50	25	Left Edge	0	40185	2549.5	16.00	15.73	106.41%	0.006	0.006	-
LTE Band 41_PC3			1	0	Top Edge**	0	40620	2593	17.00	16.50	112.20%	0.427	0.479	-
41C			1	0	Top Edge	0	41490	2680	17.00	16.55	110.92%	0.412	0.457	-
LTE Band 42_Part1	20MHz	QPSK	1	0	Back Surface	0	42590	3500	15.50	15.35	103.51%	0.103	0.107	-
LTE Band 42_Part1			50	0	Back Surface	0	42990	3540	14.50	14.26	105.68%	0.085	0.090	-
LTE Band 42_Part1			1	0	Top Edge	0	42190	3460	15.50	15.15	108.39%	0.972	1.054	-
LTE Band 42_Part1			1	0	Top Edge	0	42590	3500	15.50	15.35	103.51%	1.130	1.170	103
LTE Band 42_Part1			1	0	Top Edge	0	42990	3540	15.50	15.31	104.47%	0.864	0.903	-
LTE Band 42_Part1			50	0	Top Edge	0	42990	3540	14.50	14.26	105.68%	0.728	0.769	-
LTE Band 42_Part1			100RB		Top Edge	0	42590	3500	14.50	14.08	110.15%	0.695	0.766	-
LTE Band 42_Part1			1	0	Right Edge	0	42590	3500	15.50	15.35	103.51%	0.058	0.060	-
LTE Band 42_Part1			50	0	Right Edge	0	42990	3540	14.50	14.26	105.68%	0.044	0.046	-
LTE Band 42_Part1			1	0	Left Edge	0	42590	3500	15.50	15.35	103.51%	0.015	0.016	-
LTE Band 42_Part1			50	0	Left Edge	0	42990	3540	14.50	14.26	105.68%	0.012	0.013	-
LTE Band 42_Part1			1	0	Top Edge*	0	42590	3500	15.50	15.35	103.51%	1.080	1.118	-
LTE Band 42_Part1			1	0	Top Edge**	0	42590	3500	15.50	15.35	103.51%	0.926	0.959	-
LTE Band 42_Part2	20MHz	QPSK	1	0	Back Surface	0	43340	3575	15.50	15.31	104.47%	0.104	0.109	-
LTE Band 42_Part2			50	25	Back Surface	0	43340	3575	14.50	14.22	106.66%	0.086	0.092	-
LTE Band 42_Part2			1	0	Top Edge	0	43190	3560	15.50	15.30	104.71%	1.140	1.194	104
LTE Band 42_Part2			1	0	Top Edge	0	43340	3575	15.50	15.31	104.47%	0.868	0.907	-
LTE Band 42_Part2			1	0	Top Edge	0	43490	3590	15.50	15.22	106.66%	0.903	0.963	-
LTE Band 42_Part2			50	25	Top Edge	0	43340	3575	14.50	14.22	106.66%	0.738	0.787	-
LTE Band 42_Part2			100RB		Top Edge	0	43340	3575	14.50	14.28	105.20%	0.702	0.738	-
LTE Band 42_Part2			1	0	Right Edge	0	43340	3575	15.50	15.31	104.47%	0.061	0.064	-
LTE Band 42_Part2			50	25	Right Edge	0	43340	3575	14.50	14.22	106.66%	0.054	0.058	-
LTE Band 42_Part2			1	0	Left Edge	0	43340	3575	15.50	15.31	104.47%	0.016	0.017	-
LTE Band 42_Part2			50	25	Left Edge	0	43340	3575	14.50	14.22	106.66%	0.011	0.012	-
LTE Band 42_Part2			1	0	Top Edge*	0	43190	3560	15.50	15.30	104.71%	1.090	1.141	-
LTE Band 42_Part2			1	0	Top Edge**	0	43190	3560	15.50	15.30	104.71%	0.902	0.945	-
LTE Band 43	20MHz	QPSK	1	0	Back Surface	0	44490	3690	15.50	15.11	109.40%	0.093	0.102	-
LTE Band 43			50	0	Back Surface	0	44490	3690	14.50	14.03	111.43%	0.085	0.095	-
LTE Band 43			1	0	Top Edge	0	43690	3610	15.50	15.04	111.17%	0.922	1.025	-
LTE Band 43			1	0	Top Edge	0	44090	3650	15.50	15.10	109.69%	0.963	1.056	-
LTE Band 43			1	0	Top Edge	0	44490	3690	15.50	15.11	109.40%	1.030	1.127	106
LTE Band 43			50	0	Top Edge	0	44490	3690	14.50	14.03	111.43%	0.712	0.793	-
LTE Band 43			100RB		Top Edge	0	44090	3650	14.50	14.03	111.43%	0.674	0.751	-
LTE Band 43			1	0	Right Edge	0	44490	3690	15.50	15.11	109.40%	0.049	0.054	-
LTE Band 43			50	0	Right Edge	0	44490	3690	14.50	14.03	111.43%	0.043	0.048	-
LTE Band 43			1	0	Left Edge	0	44490	3690	15.50	15.11	109.40%	0.015	0.016	-
LTE Band 43			50	0	Left Edge	0	44490	3690	14.50	14.03	111.43%	0.011	0.012	-
LTE Band 43			1	0	Top Edge*	0	44240	3665	15.50	15.11	109.40%	0.995	1.088	-
LTE Band 43			1	0	Top Edge**	0	44240	3665	15.50	15.11	109.40%	0.857	0.938	-
LTE Band 48	20MHz	QPSK	1	0	Back Surface	0	56640	3690	15.50	15.45	101.16%	0.104	0.105	-
LTE Band 48			50	25	Back Surface	0	55830	3609	14.50	14.29	104.95%	0.096	0.101	-
LTE Band 48			1	0	Top Edge	0	55340	3560	15.50	15.24	106.17%	0.834	0.885	-
LTE Band 48			1	0	Top Edge	0	55830	3609	15.50	15.35	103.51%	0.822	0.851	-
LTE Band 48			1	0	Top Edge	0	56150	3641	15.50	15.40	102.33%	0.893	0.914	-
LTE Band 48			1	0	Top Edge	0	56640	3690	15.50	15.45	101.16%	1.120	1.133	107
LTE Band 48			50	25	Top Edge	0	55830	3609	14.50	14.29	104.95%	0.721	0.757	-
LTE Band 48			100RB		Top Edge	0	#N/A	#N/A	14.50	14.32	104.23%	0.655	0.683	-
LTE Band 48			1	0	Right Edge	0	56640	3690	15.50	15.45	101.16%	0.054	0.055	-
LTE Band 48			50	25	Right Edge	0	55830	3609	14.50	14.29	104.95%	0.048	0.050	-
LTE Band 48			1	0	Left Edge	0	56640	3690	15.50	15.45	101.16%	0.016	0.016	-
LTE Band 48			50	25	Left Edge	0	55830	3609	14.50	14.29	104.95%	0.012	0.013	-
LTE Band 48			1	0	Top Edge*	0	56640	3690	15.50	15.45	101.16%	1.080	1.093	-
LTE Band 48			1	0	Top Edge**	0	56640	3690	15.50	15.45	101.16%	0.913	0.924	-
48C			1	0	Top Edge	0	55340	3560	15.50	15.25	105.93%	0.712	0.754	-

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

Note: ** - Vendor2 Spot check

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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	30MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	376000	1880	16.50	16.42	101.86%	0.027	0.028	-
NR n2			80	40	Back Surface	0	376000	1880	16.50	16.35	103.51%	0.025	0.026	-
NR n2			1	1	Top Edge	0	376000	1880	16.50	16.42	101.86%	0.384	0.391	-
NR n2			80	40	Top Edge	0	376000	1880	16.50	16.35	103.51%	0.388	0.402	108
NR n2			1	1	Right Edge	0	376000	1880	16.50	16.42	101.86%	0.023	0.023	-
NR n2			80	40	Right Edge	0	376000	1880	16.50	16.35	103.51%	0.021	0.022	-
NR n2			1	1	Left Edge	0	376000	1880	16.50	16.42	101.86%	0.014	0.014	-
NR n2			80	40	Left Edge	0	376000	1880	16.50	16.35	103.51%	0.012	0.012	-
NR n2			1	1	Top Edge**	0	373000	1865	16.50	16.12	109.14%	0.324	0.354	-
NR n7			1	1	Back Surface	0	509000	2545	17.50	17.33	103.99%	0.038	0.040	-
NR n7	50MHz	SCS 15kHz Pi/2 BPSK	135	67	Back Surface	0	509000	2545	17.50	17.30	104.71%	0.033	0.035	-
NR n7			1	1	Top Edge	0	509000	2545	17.50	17.33	103.99%	0.739	0.769	109
NR n7			135	67	Top Edge	0	509000	2545	17.50	17.30	104.71%	0.707	0.740	-
NR n7			1	1	Right Edge	0	509000	2545	17.50	17.33	103.99%	0.027	0.028	-
NR n7			135	67	Right Edge	0	509000	2545	17.50	17.30	104.71%	0.025	0.026	-
NR n7			1	1	Left Edge	0	509000	2545	17.50	17.33	103.99%	0.045	0.047	-
NR n7			135	67	Left Edge	0	509000	2545	17.50	17.30	104.71%	0.041	0.043	-
NR n7			1	1	Top Edge**	0	509000	2545	17.50	17.33	103.99%	0.669	0.696	-
NR n25			1	1	Back Surface	0	378500	1892.5	18.50	18.43	101.62%	0.040	0.041	-
NR n25			120	60	Back Surface	0	378500	1892.5	18.50	18.29	104.95%	0.037	0.039	-
NR n25	45MHz	SCS 15kHz Pi/2 BPSK	1	1	Top Edge	0	374500	1872.5	18.50	18.05	110.92%	0.655	0.727	110
NR n25			1	1	Top Edge	0	376500	1882.5	18.50	18.34	103.75%	0.636	0.660	-
NR n25			1	1	Top Edge	0	378500	1892.5	18.50	18.43	101.62%	0.629	0.639	-
NR n25			120	60	Top Edge	0	378500	1892.5	18.50	18.29	104.95%	0.642	0.674	-
NR n25			1	1	Right Edge	0	378500	1892.5	18.50	18.43	101.62%	0.033	0.034	-
NR n25			120	60	Right Edge	0	378500	1892.5	18.50	18.29	104.95%	0.030	0.031	-
NR n25			1	1	Left Edge	0	378500	1892.5	18.50	18.43	101.62%	0.015	0.015	-
NR n25			120	60	Left Edge	0	378500	1892.5	18.50	18.29	104.95%	0.011	0.012	-
NR n25			1	1	Top Edge**	0	374500	1872.5	18.50	18.05	110.92%	0.578	0.641	-
NR n30			1	1	Back Surface	0	462000	2310	18.00	17.50	112.20%	0.036	0.040	-
NR n30	10MHz	SCS 15kHz Pi/2 BPSK	25	13	Back Surface	0	462000	2310	18.00	17.41	114.55%	0.029	0.033	-
NR n30			1	1	Top Edge	0	462000	2310	18.00	17.50	112.20%	1.050	1.178	111
NR n30			25	13	Top Edge	0	462000	2310	18.00	17.41	114.55%	0.927	1.062	-
NR n30			50	0	Top Edge	0	462000	2310	17.50	17.00	112.20%	0.898	1.008	-
NR n30			1	1	Right Edge	0	462000	2310	18.00	17.50	112.20%	0.048	0.054	-
NR n30			25	13	Right Edge	0	462000	2310	18.00	17.41	114.55%	0.041	0.047	-
NR n30			1	1	Left Edge	0	462000	2310	18.00	17.50	112.20%	0.011	0.012	-
NR n30			25	13	Left Edge	0	462000	2310	18.00	17.41	114.55%	0.008	0.009	-
NR n30			1	1	Top Edge*	0	462000	2310	18.00	17.50	112.20%	1.020	1.144	-
NR n30			1	1	Top Edge**	0	462000	2310	18.00	17.50	112.20%	0.898	1.008	-
NR n66	45MHz	SCS 15kHz Pi/2 BPSK	1	1	Back Surface	0	351500	1757.5	17.00	16.94	101.39%	0.024	0.024	-
NR n66			120	60	Back Surface	0	351500	1757.5	17.00	16.80	104.71%	0.020	0.021	-
NR n66			1	1	Top Edge	0	346500	1732.5	17.00	16.92	101.86%	0.623	0.635	-
NR n66			1	1	Top Edge	0	349000	1745	17.00	16.83	103.99%	0.617	0.642	-
NR n66			1	1	Top Edge	0	351500	1757.5	17.00	16.94	101.39%	0.650	0.659	112
NR n66			120	60	Top Edge	0	351500	1757.5	17.00	16.80	104.71%	0.537	0.562	-
NR n66			1	1	Right Edge	0	351500	1757.5	17.00	16.94	101.39%	0.027	0.027	-
NR n66			120	60	Right Edge	0	351500	1757.5	17.00	16.80	104.71%	0.022	0.023	-
NR n66			1	1	Left Edge	0	351500	1757.5	17.00	16.94	101.39%	0.014	0.014	-
NR n66			120	60	Left Edge	0	351500	1757.5	17.00	16.80	104.71%	0.010	0.010	-
NR n66			1	1	Top Edge**	0	351500	1757.5	17.00	16.94	101.39%	0.584	0.592	-
NR n38	40MHz	SCS 30kHz Pi/2 BPSK	1	1	Back Surface	0	519000	2595	18.00	17.40	114.82%	0.032	0.037	-
NR n38			50	28	Back Surface	0	519000	2595	18.00	17.30	117.49%	0.024	0.028	-
NR n38			1	1	Top Edge	0	518004	2590.02	18.00	17.30	117.49%	0.699	0.821	113
NR n38			1	1	Top Edge	0	519000	2595	18.00	17.40	114.82%	0.626	0.719	-
NR n38			1	1	Top Edge	0	519996	2599.98	18.00	17.39	115.08%	0.653	0.751	-
NR n38			50	28	Top Edge	0	519000	2595	18.00	17.30	117.49%	0.598	0.703	-
NR n38			100	0	Top Edge	0	519000	2595	17.50	16.87	115.61%	0.602	0.696	-
NR n38			1	1	Right Edge	0	519000	2595	18.00	17.40	114.82%	0.039	0.045	-
NR n38			50	28	Right Edge	0	519000	2595	18.00	17.30	117.49%	0.031	0.036	-
NR n38			1	1	Left Edge	0	519000	2595	18.00	17.40	114.82%	0.024	0.028	-
NR n38	100MHz	SCS 30kHz Pi/2 BPSK	50	28	Left Edge	0	519000	2595	18.00	17.30	117.49%	0.020	0.023	-
NR n38			1	1	Top Edge*	0	518004	2590.02	18.00	17.30	117.49%	0.693	0.814	-
NR n38			1	1	Top Edge**	0	518004	2590.02	18.00	17.30	117.49%	0.607	0.713	-
NR n41_PC3			1	1	Back Surface	0	518598	2592.99	10.00	16.30	23.44%	0.037	0.009	-
NR n41_PC3			135	69	Back Surface	0	518598	2592.99	17.00	16.21	119.95%	0.031	0.037	-
NR n41_PC3			1	1	Top Edge	0	518598	2592.99	17.00	16.30	117.49%	0.680	0.799	114
NR n41_PC3			135	69	Top Edge	0	518598	2592.99	17.00	16.21	119.95%	0.612	0.734	-
NR n41_PC3			1	1	Right Edge	0	518598	2592.99	17.00	16.30	117.49%	0.034	0.040	-
NR n41_PC3			135	69	Right Edge	0	518598	2592.99	17.00	16.21	119.95%	0.028	0.034	-
NR n41_PC3			1	1	Left Edge	0	518598	2592.99	17.00	16.30	117.49%	0.026	0.031	-
NR n41_PC3	100MHz	SCS 30kHz Pi/2 BPSK	135	69	Left Edge	0	518598	2592.99	17.00	16.21	119.95%	0.020	0.024	-
NR n41_PC3			1	1	Top Edge**	0	518598	2592.99	17.00	16.30	117.49%	0.587	0.690	-
NR n41_PC2			1	1	Back Surface	0	518598	2592.99	17.00	16.31	117.22%	0.011	0.013	-
NR n41_PC2			135	69	Back Surface	0	518598	2592.99	17.00	16.15	121.62%	0.008	0.010	-
NR n41_PC2			1	1	Top Edge	0	518598	2592.99	17.00	16.31	117.22%	0.135	0.158	115
NR n41_PC2			135	69	Top Edge	0	518598	2592.99	17.00	16.15	121.62%	0.122	0.148	-
NR n41_PC2			1	1	Right Edge	0	518598	2592.99	17.00	16.31	117.22%	0.009	0.011	-
NR n41_PC2			135	69	Right Edge	0	518598	2592.99	17.00	16.15	121.62%	0.008	0.010	-
NR n41_PC2			1	1	Left Edge	0	518598	2592.99	17.00	16.31	117.22%	0.006	0.007	-
NR n41_PC2			135	69	Left Edge	0	518598	2592.99	17.00	16.15	121.62%	0.004	0.005	-
NR n41_PC2			1	1	Top Edge**	0	518598	2592.99	17.00	16.31	117.22%	0.109	0.128	-

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NR n48	40MHz	SCS 30kHz Pi/2 BPSK	1	1	Back Surface	0	638000	3570	15.50	15.10	109.65%	0.034	0.037	-
NR n48			50	28	Back Surface	0	638000	3570	15.50	14.96	113.24%	0.028	0.032	-
NR n48			1	1	Top Edge	0	638000	3570	15.50	15.10	109.65%	1.080	1.184	116
NR n48			1	1	Top Edge	0	641668	3625.02	15.50	15.03	111.43%	0.952	1.061	-
NR n48			1	1	Top Edge	0	645332	3679.98	15.50	15.02	111.69%	0.934	1.043	-
NR n48			50	28	Top Edge	0	638000	3570	15.50	14.96	113.24%	0.923	1.045	-
NR n48			50	28	Top Edge	0	641668	3625.02	15.50	14.94	113.76%	0.922	1.049	-
NR n48			50	28	Top Edge	0	645332	3679.98	15.50	14.90	114.82%	0.911	1.046	-
NR n48			100	0	Top Edge	0	638000	3570	15.00	14.58	110.15%	0.898	0.989	-
NR n48			1	1	Right Edge	0	638000	3570	15.50	15.10	109.65%	0.026	0.029	-
NR n48			50	28	Right Edge	0	638000	3570	15.50	14.96	113.24%	0.021	0.024	-
NR n48			1	1	Left Edge	0	638000	3570	15.50	15.10	109.65%	0.024	0.026	-
NR n48			50	28	Left Edge	0	638000	3570	15.50	14.96	113.24%	0.018	0.020	-
NR n48			1	1	Top Edge*	0	638000	3570	15.50	15.10	109.65%	1.020	1.118	-
NR n48			1	1	Top Edge**	0	638000	3570	15.50	15.10	109.65%	0.885	0.970	-
NR n77_PC3_FCC	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Back Surface	0	653000	3795	15.00	14.48	112.72%	0.039	0.044	-
NR n77_PC3_FCC			135	69	Back Surface	0	653000	3795	15.00	14.37	115.61%	0.032	0.037	-
NR n77_PC3_FCC			1	1	Top Edge	0	650000	3750	15.00	14.47	112.98%	1.010	1.141	117
NR n77_PC3_FCC			1	1	Top Edge	0	653000	3795	15.00	14.48	112.72%	0.929	1.047	-
NR n77_PC3_FCC			1	1	Top Edge	0	656000	3840	15.00	14.30	117.49%	0.869	1.021	-
NR n77_PC3_FCC			1	1	Top Edge	0	659000	3885	15.00	14.22	119.67%	0.907	1.085	-
NR n77_PC3_FCC			1	1	Top Edge	0	662000	3930	15.00	14.20	120.23%	0.882	1.060	-
NR n77_PC3_FCC			135	69	Top Edge	0	653000	3795	15.00	14.37	115.61%	0.934	1.080	-
NR n77_PC3_FCC			270	0	Top Edge	0	653000	3795	14.50	13.97	112.98%	0.940	1.062	-
NR n77_PC3_FCC			1	1	Right Edge	0	653000	3795	15.00	14.48	112.72%	0.036	0.041	-
NR n77_PC3_FCC			135	69	Right Edge	0	653000	3795	15.00	14.37	115.61%	0.029	0.034	-
NR n77_PC3_FCC			1	1	Left Edge	0	653000	3795	15.00	14.48	112.72%	0.025	0.028	-
NR n77_PC3_FCC			135	69	Left Edge	0	653000	3795	15.00	14.37	115.61%	0.020	0.023	-
NR n77_PC3_FCC			1	1	Top Edge*	0	650000	3750	15.00	14.47	112.98%	0.992	1.121	-
NR n77_PC3_FCC			1	1	Top Edge**	0	650000	3750	15.00	14.47	112.98%	0.879	0.993	-
NR n77_PC2_FCC	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Back Surface	0	650000	3750	15.00	14.49	112.46%	0.009	0.010	-
NR n77_PC2_FCC			135	69	Back Surface	0	650000	3750	15.00	14.39	115.08%	0.007	0.008	-
NR n77_PC2_FCC			1	1	Top Edge	0	650000	3750	15.00	14.49	112.46%	0.252	0.283	118
NR n77_PC2_FCC			135	69	Top Edge	0	650000	3750	15.00	14.39	115.08%	0.238	0.274	-
NR n77_PC2_FCC			1	1	Right Edge	0	650000	3750	15.00	14.49	112.46%	0.008	0.009	-
NR n77_PC2_FCC			135	69	Right Edge	0	650000	3750	15.00	14.39	115.08%	0.007	0.008	-
NR n77_PC2_FCC			1	1	Left Edge	0	650000	3750	15.00	14.49	112.46%	0.006	0.007	-
NR n77_PC2_FCC			135	69	Left Edge	0	650000	3750	15.00	14.39	115.08%	0.005	0.006	-
NR n77_PC2_FCC			1	1	Top Edge**	0	650000	3750	15.00	14.49	112.46%	0.204	0.229	-
NR n77 & n78_PC3_FCC	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Back Surface	0	633333	3499.995	15.00	14.73	106.41%	0.031	0.033	-
NR n77 & n78_PC3_FCC			135	69	Back Surface	0	633333	3499.995	15.00	14.62	109.14%	0.023	0.025	-
NR n77 & n78_PC3_FCC			1	1	Top Edge	0	633333	3499.995	15.00	14.73	106.41%	1.060	1.128	119
NR n77 & n78_PC3_FCC			135	69	Top Edge	0	633333	3499.995	15.00	14.62	109.14%	0.956	1.043	-
NR n77 & n78_PC3_FCC			270	0	Top Edge	0	633333	3499.995	14.50	13.97	112.98%	0.885	1.000	-
NR n77 & n78_PC3_FCC			1	1	Right Edge	0	633333	3499.995	15.00	14.73	106.41%	0.028	0.030	-
NR n77 & n78_PC3_FCC			135	69	Right Edge	0	633333	3499.995	15.00	14.62	109.14%	0.025	0.027	-
NR n77 & n78_PC3_FCC			1	1	Left Edge	0	633333	3499.995	15.00	14.73	106.41%	0.016	0.017	-
NR n77 & n78_PC3_FCC			135	69	Left Edge	0	633333	3499.995	15.00	14.62	109.14%	0.013	0.014	-
NR n77 & n78_PC3_FCC			1	1	Top Edge*	0	633333	3499.995	15.00	14.73	106.41%	1.020	1.085	-
NR n77 & n78_PC3_FCC			1	1	Top Edge**	0	633333	3499.995	15.00	14.73	106.41%	0.858	0.913	-
NR n77 & n78_PC2_FCC	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Back Surface	0	633333	3499.995	15.00	14.72	106.66%	0.010	0.011	-
NR n77 & n78_PC2_FCC			135	69	Back Surface	0	633333	3499.995	15.00	14.60	109.65%	0.009	0.010	-
NR n77 & n78_PC2_FCC			1	1	Top Edge	0	633333	3499.995	15.00	14.72	106.66%	0.268	0.286	120
NR n77 & n78_PC2_FCC			135	69	Top Edge	0	633333	3499.995	15.00	14.60	109.65%	0.234	0.257	-
NR n77 & n78_PC2_FCC			1	1	Right Edge	0	633333	3499.995	15.00	14.72	106.66%	0.008	0.009	-
NR n77 & n78_PC2_FCC			135	69	Right Edge	0	633333	3499.995	15.00	14.60	109.65%	0.006	0.007	-
NR n77 & n78_PC2_FCC			1	1	Left Edge	0	633333	3499.995	15.00	14.72	106.66%	0.006	0.006	-
NR n77 & n78_PC2_FCC			135	69	Left Edge	0	633333	3499.995	15.00	14.60	109.65%	0.004	0.004	-
NR n77 & n78_PC2_FCC			1	1	Top Edge**	0	633333	3499.995	15.00	14.72	106.66%	0.213	0.227	-
NR n77 & n78_PC2_FCC			1	1	Top Edge**	0	633333	3499.995	15.00	14.72	106.66%	0.213	0.227	-

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

Note: ** - Vendor2 Spot check

Note:

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

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

Note.

All of WLAN/BT SAR data can be referred to Intel SAR test report, Report No.: 240828-04.TR05, 231109-06.TR01 and 231109-06.TR07 and these results are used for simultaneous transmission analysis.

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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:

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

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

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

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

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

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Simultaneous Transmission Combination

Ant5

			Reported SAR												Scenario 1		Scenario 2		Scenario 3		Scenario 4		Scenario 5		Scenario 6		Scenario 7		Scenario 8	
	Exposure Position		1	2	3	4	5	6	7	8	9	10	11	12	1+4	1+7	1+3+8	1+6+8	1+7+8	1+10	1+11	1+9+11								
			WWAN Ant 1 1g SAR (W/kg)	2.4GHz WLAN Ant 1 1g SAR (W/kg)	2.4GHz WLAN Ant 2 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1 1g SAR (W/kg)	5GHz WLAN Ant 2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	5GHz WLAN Ant 1 1g SAR (W/kg)	5GHz WLAN Ant 2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	
WCDMA Band V	Back Surface	0	0.063	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.853	0.818	1.203	1.193	1.158	1.193	0.818	1.158	1.158	0.818	1.158	1.158	0.818	1.158	1.158	0.818	1.158
	Top Edge	0	0.789	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.534	1.524	1.719	1.749	1.624	1.694	1.739	1.599	1.739	1.599	1.739	1.599	1.739	1.599	1.739	1.599	1.739
	Right Edge	0	0.131	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.817	0.807	0.797	0.797	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807
	Left Edge	0	0.027	0.780	0.400	0.590	0.720	0.400	0.590	0.340	0.720	0.400	0.590	0.817	0.807	0.797	0.797	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807	0.807
LTE Band 5	Back Surface	0	0.059	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.849	0.814	1.189	1.189	1.154	1.189	0.814	1.154	1.154	0.814	1.154	1.154	0.814	1.154	1.154	0.814	1.154
	Top Edge	0	0.727	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.572	1.562	1.657	1.687	1.702	1.657	1.657	1.657	1.657	1.657	1.657	1.657	1.657	1.657	1.657	1.657	1.657
	Right Edge	0	0.112	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
	Left Edge	0	0.025	0.780	0.400	0.590	0.720	0.400	0.590	0.340	0.720	0.400	0.590	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
LTE Band 12	Back Surface	0	0.084	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.874	0.839	1.224	1.214	1.179	1.214	0.839	1.179	1.179	0.839	1.179	1.179	0.839	1.179	1.179	0.839	1.179
	Top Edge	0	0.851	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.606	1.596	1.791	1.821	1.696	1.771	1.621	1.621	1.621	1.621	1.621	1.621	1.621	1.621	1.621	1.621	1.621
	Right Edge	0	0.136	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
	Left Edge	0	0.028	0.780	0.400	0.590	0.720	0.400	0.590	0.340	0.720	0.400	0.590	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
LTE Band 13	Back Surface	0	0.024	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.814	0.779	1.164	1.154	1.119	1.154	0.779	1.119	1.119	0.779	1.119	1.119	0.779	1.119	1.119	0.779	1.119
	Top Edge	0	0.403	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.248	1.238	1.333	1.363	1.438	1.303	1.373	1.573	1.573	1.373	1.573	1.573	1.373	1.573	1.573	1.373	1.573
	Right Edge	0	0.075	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
	Left Edge	0	0.029	0.780	0.400	0.590	0.720	0.400	0.590	0.340	0.720	0.400	0.590	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
LTE Band 14	Back Surface	0	0.018	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.808	0.773	1.158	1.148	1.113	1.148	0.773	1.113	1.113	0.773	1.113	1.113	0.773	1.113	1.113	0.773	1.113
	Top Edge	0	0.490	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.566	1.556	1.751	1.781	1.656	1.731	1.571	1.571	1.571	1.571	1.571	1.571	1.571	1.571	1.571	1.571	1.571
	Right Edge	0	0.070	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
	Left Edge	0	0.006	0.780	0.400	0.590	0.720	0.400	0.590	0.340	0.720	0.400	0.590	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
LTE Band 17	Back Surface	0	0.090	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.880	0.845	1.230	1.220	1.185	1.220	0.845	1.185	1.185	0.845	1.185	1.185	0.845	1.185	1.185	0.845	1.185
	Top Edge	0	0.844	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.606	1.596	1.791	1.821	1.696	1.771	1.621	1.621	1.621	1.621	1.621	1.621	1.621	1.621	1.621	1.621	1.621
	Right Edge	0	0.138	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
	Left Edge	0	0.025	0.780	0.400	0.590	0.720	0.400	0.590	0.340	0.720	0.400	0.590	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
LTE Band 26_FCC	Back Surface	0	0.070	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.860	0.825	1.210	1.200	1.165	1.200	0.825	1.165	1.165	0.825	1.165	1.165	0.825	1.165	1.165	0.825	1.165
	Top Edge	0	0.840	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.566	1.556	1.751	1.781	1.656	1.731	1.571	1.571	1.571	1.571	1.571	1.571	1.571	1.571	1.571	1.571	1.571
	Right Edge	0	0.114	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
	Left Edge	0	0.021	0.780	0.400	0.590	0.720	0.400	0.590	0.340	0.720	0.400	0.590	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
LTE Band 71	Back Surface	0	0.075	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.865	0.830	1.215	1.205	1.170	1.205	0.830	1.170	1.170	0.830	1.170	1.170	0.830	1.170	1.170	0.830	1.170
	Top Edge	0	0.720	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.567	1.557	1.752	1.782	1.657	1.732	1.572	1.572	1.572	1.572	1.572	1.572	1.572	1.572	1.572	1.572	1.572
	Right Edge	0	0.122	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
	Left Edge	0	0.032	0.780	0.400	0.590	0.720	0.400	0.590	0.340	0.720	0.400	0.590	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
LTE Band 41_PC3	Back Surface	0	0.060	0.780	0.800	0.790	0.720	0.790	0.755	0.340	0.720	0.790	0.755	0.850	0.815	1.200	1.190	1.155	1.190	0.815	1.155	1.155	0.815	1.155	1.155	0.815	1.155	1.155	0.815	1.155
	Top Edge	0	0.724	0.950	0.730	0.845	0.910	0.780	0.885	0.200	1.020	0.920	0.970	1.568	1.558	1.753	1.783	1.658	1.733	1.573	1.573	1.573	1.573	1.573	1.573	1.573	1.573	1.573	1.573	1.573
	Right Edge	0	0.126	0.400	0.400	0.200	0.400	0.200	0.200	0.400	0.200	0.400	0.200	0.816	0.806	0.796	0.796	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806	0.806
	Left Edge	0	0.033	0.780	0.400	0.590	0.720																							

Scenario 1.3:									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 2.4G Ant1+BT	1.160	-0.72	-13.38	-0.35	-	-	-	-
	WCDMA V	0.789	-1.20	8.40	-0.37	1.949	217.85	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 5	0.727	-0.90	8.25	-0.34	1.887	216.31	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 12	0.851	-0.90	7.50	-0.35	2.011	208.81	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 17	0.814	-0.75	7.61	-0.36	1.974	209.90	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 26	0.671	-0.90	8.15	-0.36	1.831	215.31	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 71	0.782	-0.60	7.50	-0.38	1.942	208.80	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 41	0.724	-0.92	12.80	-0.28	1.884	261.81	0.010	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	0.764	-0.90	12.82	-0.30	1.924	262.01	0.010	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	0.742	-0.90	12.92	-0.31	1.902	263.01	0.010	SPLSR $\leq$ 0.04, Not required
	NR n5	0.778	-0.46	9.90	-0.37	1.938	232.81	0.012	SPLSR $\leq$ 0.04, Not required
	NR n12	0.946	-0.45	7.46	-0.38	2.106	208.42	0.015	SPLSR $\leq$ 0.04, Not required
	NR n26	0.714	-0.46	9.90	-0.37	1.874	232.81	0.011	SPLSR $\leq$ 0.04, Not required

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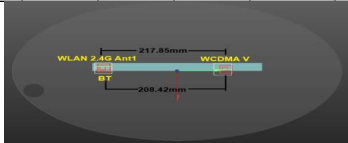
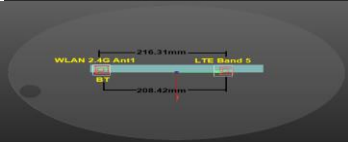
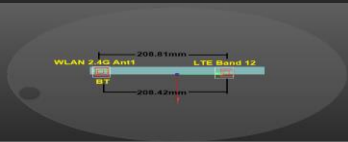
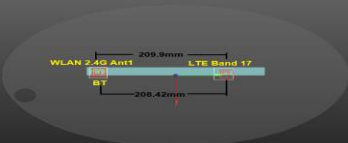
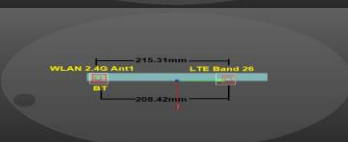
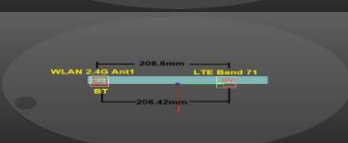
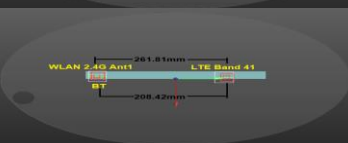
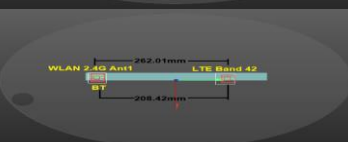
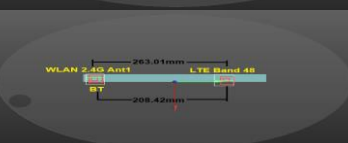
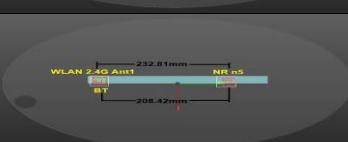
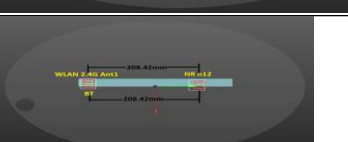
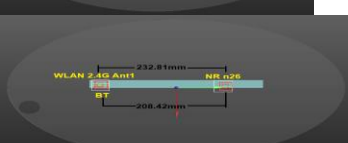
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Scenario 1,3:									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 2.4G Ant2	0.730	-0.96	-4.88	-0.37	-	-	-	-
	WCDMA V	0.789	-1.20	8.40	-0.37	1.519	132.82	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 5	0.727	-0.90	8.25	-0.34	1.457	131.30	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 12	0.851	-0.90	7.50	-0.35	1.581	123.80	0.016	SPLSR $\leq$ 0.04, Not required
	LTE Band 17	0.814	-0.75	7.61	-0.36	1.544	124.92	0.015	SPLSR $\leq$ 0.04, Not required
	LTE Band 26	0.671	-0.90	8.15	-0.36	1.401	130.30	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 71	0.782	-0.60	7.50	-0.38	1.512	123.85	0.015	SPLSR $\leq$ 0.04, Not required
	LTE Band 41	0.724	-0.92	12.80	-0.28	1.454	176.80	0.010	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	0.764	-0.90	12.82	-0.30	1.494	177.00	0.010	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	0.742	-0.90	12.92	-0.31	1.472	178.00	0.010	SPLSR $\leq$ 0.04, Not required
	NR n5	0.778	-0.46	9.90	-0.37	1.508	147.88	0.013	SPLSR $\leq$ 0.04, Not required
	NR n12	0.946	-0.45	7.46	-0.38	1.676	123.51	0.018	SPLSR $\leq$ 0.04, Not required
	NR n26	0.714	-0.46	9.90	-0.37	1.444	147.88	0.012	SPLSR $\leq$ 0.04, Not required

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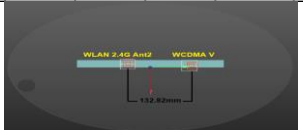
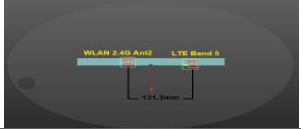
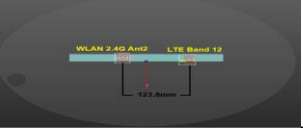
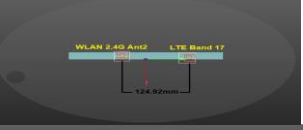
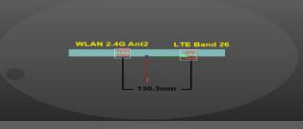
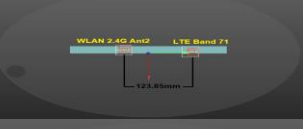
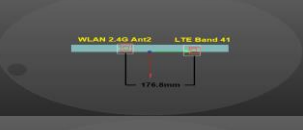
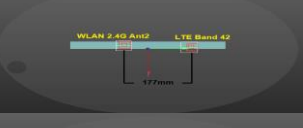
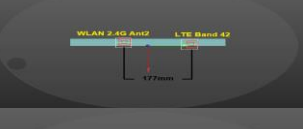
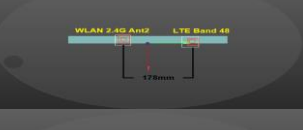
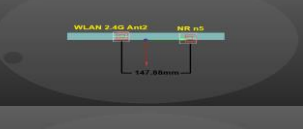
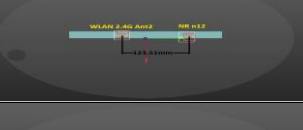
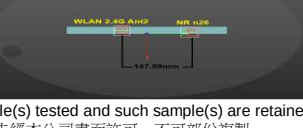
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Scenario 2,4,5									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 5G Ant1+BT	1.110	-0.72	-13.38	-0.35	-	-	-	-
	WCDMA V	0.789	-1.20	8.40	-0.37	1.899	217.85	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 5	0.727	-0.90	8.25	-0.34	1.837	216.31	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 12	0.851	-0.90	7.50	-0.35	1.961	208.81	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 17	0.814	-0.75	7.61	-0.36	1.924	209.90	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 26	0.671	-0.90	8.15	-0.36	1.781	215.31	0.011	SPLSR $\leq$ 0.04, Not required
	LTE Band 71	0.782	-0.60	7.50	-0.38	1.892	208.80	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 41	0.724	-0.92	12.80	-0.28	1.834	261.81	0.009	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	0.764	-0.90	12.82	-0.30	1.874	262.01	0.010	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	0.742	-0.90	12.92	-0.31	1.852	263.01	0.010	SPLSR $\leq$ 0.04, Not required
	NR n5	0.778	-0.46	9.90	-0.37	1.888	232.81	0.011	SPLSR $\leq$ 0.04, Not required
	NR n12	0.946	-0.45	7.46	-0.38	2.056	208.42	0.014	SPLSR $\leq$ 0.04, Not required
	NR n26	0.714	-0.46	9.90	-0.37	1.824	232.81	0.011	SPLSR $\leq$ 0.04, Not required
	NR n77	0.635	-0.52	12.68	-0.34	1.745	260.61	0.009	SPLSR $\leq$ 0.04, Not required

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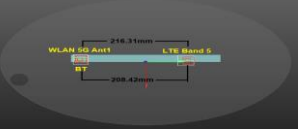
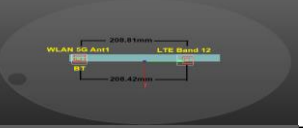
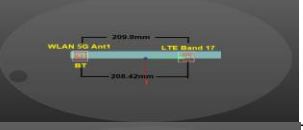
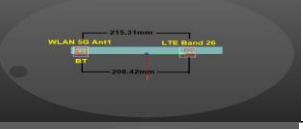
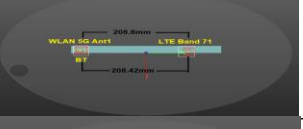
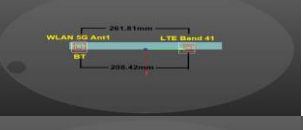
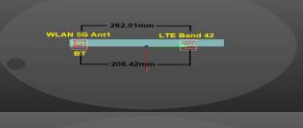
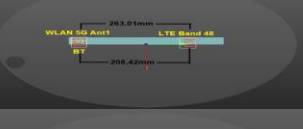
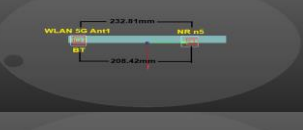
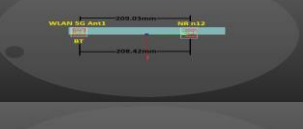
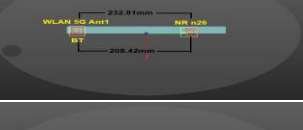
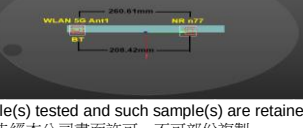
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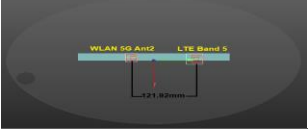
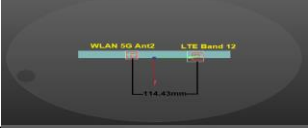
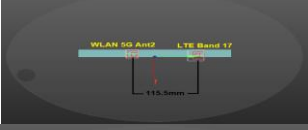
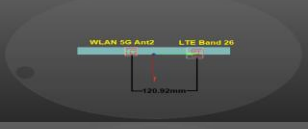
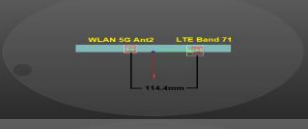
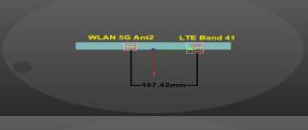
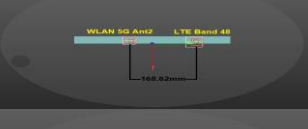
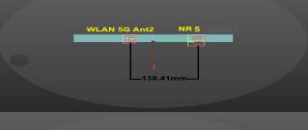
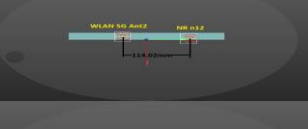
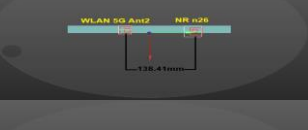
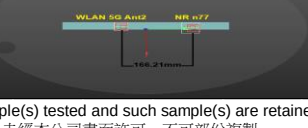
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Scenario 2,4,5									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 5G Ant2	0.760	-0.66	-3.94	-0.36	-	-	-	-
	WCDMA V	0.789	-1.20	8.40	-0.37	1.549	123.52	0.016	SPLSR $\leq$ 0.04, Not required
	LTE Band 5	0.727	-0.90	8.25	-0.34	1.487	121.92	0.015	SPLSR $\leq$ 0.04, Not required
	LTE Band 12	0.851	-0.90	7.50	-0.35	1.611	114.43	0.018	SPLSR $\leq$ 0.04, Not required
	LTE Band 17	0.814	-0.75	7.61	-0.36	1.574	115.50	0.017	SPLSR $\leq$ 0.04, Not required
	LTE Band 26	0.671	-0.90	8.15	-0.36	1.431	120.92	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 71	0.782	-0.60	7.50	-0.38	1.542	114.40	0.017	SPLSR $\leq$ 0.04, Not required
	LTE Band 41	0.724	-0.92	12.80	-0.28	1.484	167.42	0.011	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	0.764	-0.90	12.82	-0.30	1.524	167.62	0.011	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	0.742	-0.90	12.92	-0.31	1.502	168.62	0.011	SPLSR $\leq$ 0.04, Not required
	NR n5	0.778	-0.46	9.90	-0.37	1.538	138.41	0.014	SPLSR $\leq$ 0.04, Not required
	NR n12	0.946	-0.45	7.46	-0.38	1.706	114.02	0.020	SPLSR $\leq$ 0.04, Not required
	NR n26	0.714	-0.46	9.90	-0.37	1.474	138.41	0.013	SPLSR $\leq$ 0.04, Not required
	NR n77	0.635	-0.52	12.68	-0.34	1.395	166.21	0.010	SPLSR $\leq$ 0.04, Not required

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Scenario 6,7,8									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 6G Ant1+BT	1.220	-0.80	-13.34	-0.36	-	-	-	-
	WCDMA V	0.789	-1.20	8.40	-0.37	2.009	217.44	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 5	0.727	-0.90	8.25	-0.34	1.947	215.90	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 12	0.851	-0.90	7.50	-0.35	2.071	208.40	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 17	0.814	-0.75	7.61	-0.36	2.034	209.50	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 26	0.671	-0.90	8.15	-0.36	1.891	214.90	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 71	0.782	-0.60	7.50	-0.38	2.002	208.41	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 41	0.724	-0.92	12.80	-0.28	1.944	261.40	0.010	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	0.764	-0.90	12.82	-0.30	1.984	261.60	0.011	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	0.742	-0.90	12.92	-0.31	1.962	262.60	0.010	SPLSR $\leq$ 0.04, Not required
	NR n2	0.542	-0.61	7.61	-0.36	1.762	209.51	0.011	SPLSR $\leq$ 0.04, Not required
	NR n5	0.778	-0.46	9.90	-0.37	1.998	232.42	0.012	SPLSR $\leq$ 0.04, Not required
	NR n12	0.946	-0.45	7.46	-0.38	2.166	208.03	0.015	SPLSR $\leq$ 0.04, Not required
	NR n26	0.714	-0.46	9.90	-0.37	1.934	232.42	0.012	SPLSR $\leq$ 0.04, Not required
	NR n41	0.482	-0.66	12.62	-0.34	1.702	259.60	0.009	SPLSR $\leq$ 0.04, Not required
	NR n77	0.635	-0.52	12.68	-0.34	1.855	260.22	0.010	SPLSR $\leq$ 0.04, Not required

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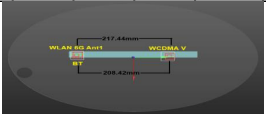
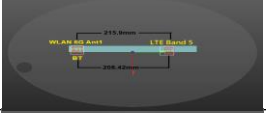
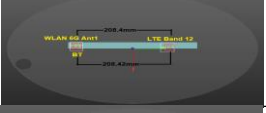
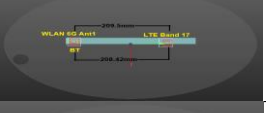
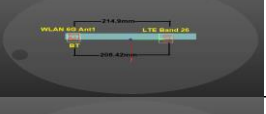
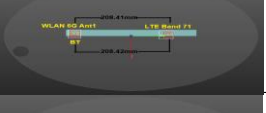
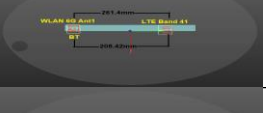
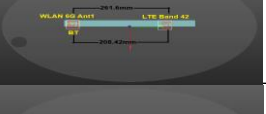
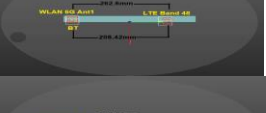
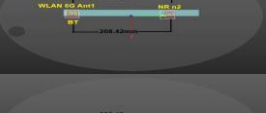
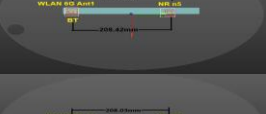
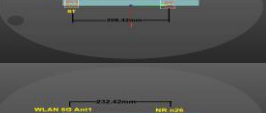
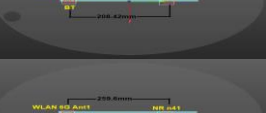
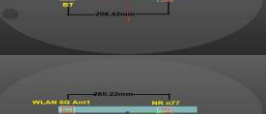
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Scenario 6,7,8									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 6G Ant2	0.920	-0.66	-5.22	-0.36	-	-	-	-
	WCDMA V	0.789	-1.20	8.40	-0.37	1.709	136.31	0.016	SPLSR $\leq$ 0.04, Not required
	LTE Band 5	0.727	-0.90	8.25	-0.34	1.647	134.72	0.016	SPLSR $\leq$ 0.04, Not required
	LTE Band 12	0.851	-0.90	7.50	-0.35	1.771	127.22	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 17	0.814	-0.75	7.61	-0.36	1.734	128.30	0.018	SPLSR $\leq$ 0.04, Not required
	LTE Band 26	0.671	-0.90	8.15	-0.36	1.591	133.72	0.015	SPLSR $\leq$ 0.04, Not required
	LTE Band 71	0.782	-0.60	7.50	-0.38	1.702	127.20	0.017	SPLSR $\leq$ 0.04, Not required
	LTE Band 41	0.724	-0.92	12.80	-0.28	1.644	180.22	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	0.764	-0.90	12.82	-0.30	1.684	180.42	0.012	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	0.742	-0.90	12.92	-0.31	1.662	181.42	0.012	SPLSR $\leq$ 0.04, Not required
	NR n2	0.542	-0.61	7.61	-0.36	1.462	128.30	0.014	SPLSR $\leq$ 0.04, Not required
	NR n5	0.778	-0.46	9.90	-0.37	1.698	151.21	0.015	SPLSR $\leq$ 0.04, Not required
	NR n12	0.946	-0.45	7.46	-0.38	1.866	126.82	0.020	SPLSR $\leq$ 0.04, Not required
	NR n26	0.714	-0.46	9.90	-0.37	1.634	151.21	0.014	SPLSR $\leq$ 0.04, Not required
	NR n41	0.482	-0.66	12.62	-0.34	1.402	178.40	0.009	SPLSR $\leq$ 0.04, Not required
	NR n77	0.635	-0.52	12.68	-0.34	1.555	179.01	0.011	SPLSR $\leq$ 0.04, Not required

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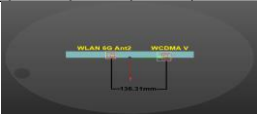
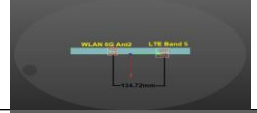
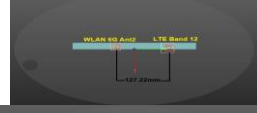
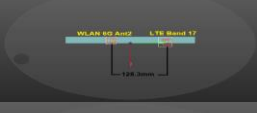
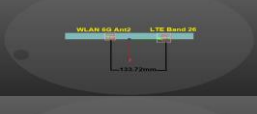
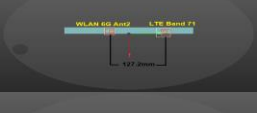
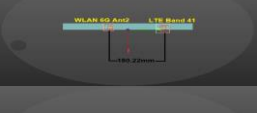
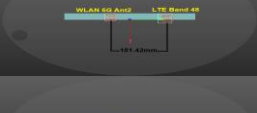
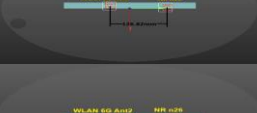
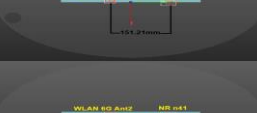
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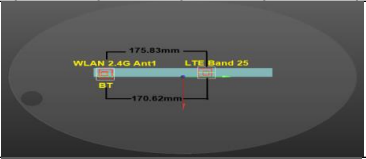
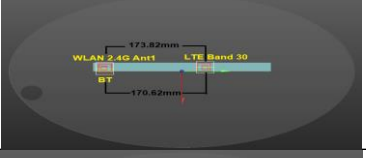
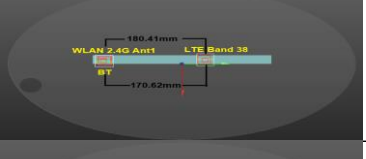
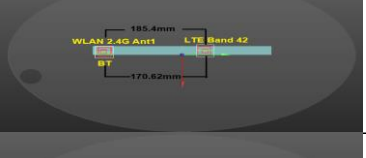
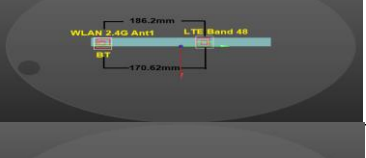
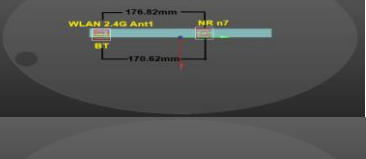
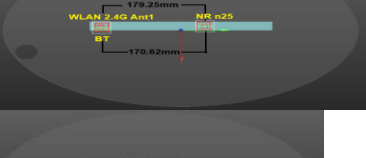
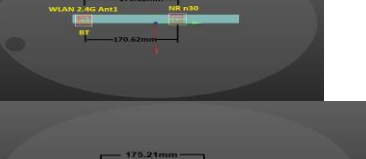
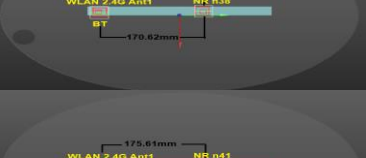
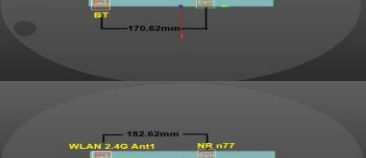
		Reported SAR																																					
		1		2		3		4		5		6		7		8		9		10		11		Scenario 1		Scenario 2		Scenario 3		Scenario 4		Scenario 5		Scenario 6		Scenario 7		Scenario 8	
Exposure Position		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)		1g SAR (W/kg)	
WCMA Band 8	Back Surface	0	0.032	0.780	0.800	0.800	0.720	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	
	Top Edge	0	0.373	0.960	0.730	0.730	0.930	0.780	0.780	0.200	1.020	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	
	Right Edge	0	0.026		0.400	0.400		0.400	0.400		0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
	Left Edge	0	0.032	0.780	0.400	0.400	0.720	0.400	0.400	0.340	0.720	0.400	0.400	0.400	0.412	0.412	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752	0.752		
WCMA Band 14	Back Surface	0	0.045	0.780	0.800	0.800	0.720	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	
	Top Edge	0	0.574	0.960	0.730	0.730	0.930	0.780	0.780	0.200	1.020	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	
	Right Edge	0	0.031		0.400	0.400		0.400	0.400		0.400	0.400	0.400	0.400	0.415	0.415	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755		
	Left Edge	0	0.035	0.780	0.400	0.400	0.720	0.400	0.400	0.340	0.720	0.400	0.400	0.400	0.415	0.415	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755		
LTE Band 2	Back Surface	0	0.035	0.780	0.800	0.800	0.720	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	
	Top Edge	0	0.451	0.960	0.730	0.730	0.930	0.780	0.780	0.200	1.020	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	
	Right Edge	0	0.029		0.400	0.400		0.400	0.400		0.400	0.400	0.400	0.400	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429			
	Left Edge	0	0.033	0.780	0.400	0.400	0.720	0.400	0.400	0.340	0.720	0.400	0.400	0.400	0.413	0.413	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753	0.753			
LTE Band 4	Back Surface	0	0.035	0.780	0.800	0.800	0.720	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	
	Top Edge	0	0.567	0.960	0.730	0.730	0.930	0.780	0.780	0.200	1.020	0.920	0.920	0.920	1.287	1.287	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	1.487	
	Right Edge	0	0.032		0.400	0.400		0.400	0.400		0.400	0.400	0.400	0.400	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432		
	Left Edge	0	0.038	0.780	0.400	0.400	0.720	0.400	0.400	0.340	0.720	0.400	0.400	0.400	0.416	0.416	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756		
LTE Band 7	Back Surface	0	0.037	0.780	0.800	0.800	0.720	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	
	Top Edge	0	0.627	0.960	0.730	0.730	0.930	0.780	0.780	0.200	1.020	0.920	0.920	0.920	1.387	1.387	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	1.587	
	Right Edge	0	0.034		0.400	0.400		0.400	0.400		0.400	0.400	0.400	0.400	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434		
	Left Edge	0	0.035	0.780	0.400	0.400	0.720	0.400	0.400	0.340	0.720	0.400	0.400	0.400	0.415	0.415	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755		
LTE Band 25	Back Surface	0	0.031	0.800	0.800	0.800	0.720	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.801	0.801	1.171	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	
	Top Edge	0	0.677	0.960	0.730	0.730	0.930	0.780	0.780	0.200	1.020	0.920	0.920	0.920	1.407	1.407	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	1.607	
	Right Edge	0	0.027		0.400	0.400		0.400	0.400		0.400	0.400	0.400	0.400	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427	0.427		
	Left Edge	0	0.032	0.780	0.400	0.400	0.720	0.400	0.400	0.340	0.720	0.400	0.400	0.400	0.414	0.414	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754	0.754		
LTE Band 30	Back Surface	0	0.030	0.780	0.800	0.800	0.720	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.850	0.840	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180		
	Top Edge	0	1.031	0.960	0.730	0.730	0.930	0.780	0.780	0.200	1.020	0.920	0.920	0.920	1.781	1.781	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981	1.981		
	Right Edge	0	0.042		0.400	0.400		0.400	0.400		0.400	0.400	0.400	0.400	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442			
	Left Edge	0	0.029	0.780	0.400	0.400	0.720	0.400	0.400	0.340	0.720	0.400	0.400	0.400	0.416	0.416	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756		
LTE Band 66	Back Surface	0	0.025	0.780	0.800	0.800	0.720	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.825	0.835	1.165	1.155	1.155	1.155	1.155	1.155	1.155	1.155	1.155	1.155	1.155	1.15.											

Scenario 1,3:									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 2.4G Ant1+BT	1.160	-0.72	-13.38	-0.35	-	-	-	-
	LTE Band 25	0.677	-1.05	4.20	-0.36	1.837	175.83	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 30	1.031	-0.96	4.00	-0.37	2.191	173.82	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 38	0.751	-0.86	4.66	-0.34	1.911	180.41	0.015	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	1.170	-0.82	5.16	-0.35	2.330	185.40	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	1.133	-0.84	5.24	-0.36	2.293	186.20	0.019	SPLSR $\leq$ 0.04, Not required
	NR n7	0.769	-1.00	4.30	-0.35	1.929	176.82	0.015	SPLSR $\leq$ 0.04, Not required
	NR n25	0.727	-1.15	4.54	-0.35	1.887	179.25	0.014	SPLSR $\leq$ 0.04, Not required
	NR n30	1.178	-0.96	3.68	-0.37	2.338	170.62	0.021	SPLSR $\leq$ 0.04, Not required
	NR n38	0.821	-0.88	4.14	-0.37	1.981	175.21	0.016	SPLSR $\leq$ 0.04, Not required
	NR n41	0.799	-0.90	4.18	-0.37	1.959	175.61	0.016	SPLSR $\leq$ 0.04, Not required
	NR n77	1.157	-0.98	4.88	-0.37	2.317	182.62	0.019	SPLSR $\leq$ 0.04, Not required

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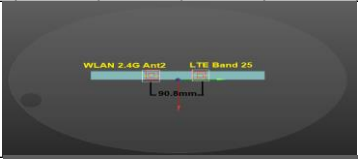
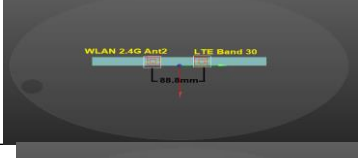
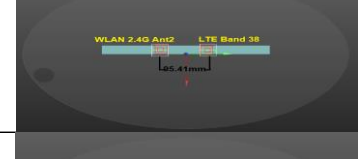
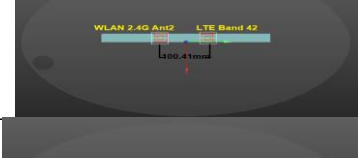
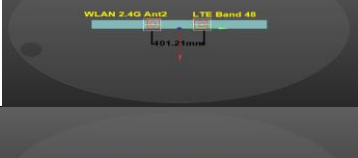
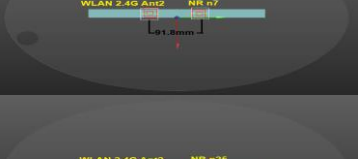
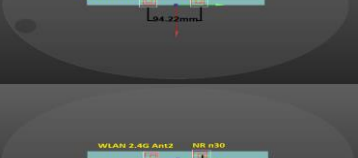
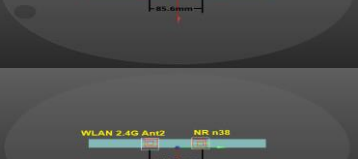
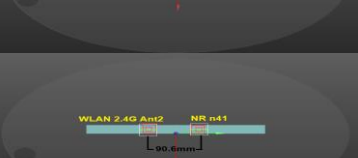
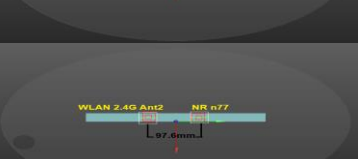
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Scenario 1,3:									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 2.4G Ant2	0.730	-0.96	-4.88	-0.37	-	-	-	-
	LTE Band 25	0.677	-1.05	4.20	-0.36	1.407	90.80	0.018	SPLSR $\leq$ 0.04, Not required
	LTE Band 30	1.031	-0.96	4.00	-0.37	1.761	88.80	0.026	SPLSR $\leq$ 0.04, Not required
	LTE Band 38	0.751	-0.86	4.66	-0.34	1.481	95.41	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	1.170	-0.82	5.16	-0.35	1.900	100.41	0.026	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	1.133	-0.84	5.24	-0.36	1.863	101.21	0.025	SPLSR $\leq$ 0.04, Not required
	NR n7	0.769	-1.00	4.30	-0.35	1.499	91.80	0.020	SPLSR $\leq$ 0.04, Not required
	NR n25	0.727	-1.15	4.54	-0.35	1.457	94.22	0.019	SPLSR $\leq$ 0.04, Not required
	NR n30	1.178	-0.96	3.68	-0.37	1.908	85.60	0.031	SPLSR $\leq$ 0.04, Not required
	NR n38	0.821	-0.88	4.14	-0.37	1.551	90.20	0.021	SPLSR $\leq$ 0.04, Not required
	NR n41	0.799	-0.90	4.18	-0.37	1.529	90.60	0.021	SPLSR $\leq$ 0.04, Not required
	NR n77	1.157	-0.98	4.88	-0.37	1.887	97.60	0.027	SPLSR $\leq$ 0.04, Not required

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Scenario 2,4,5									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 5G Ant1+BT	1.110	-0.72	-13.38	-0.37	-	-	-	-
	LTE Band 25	0.677	-1.05	4.20	-0.36	1.787	175.83	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 30	1.031	-0.96	4.00	-0.37	2.141	173.82	0.018	SPLSR $\leq$ 0.04, Not required
	LTE Band 38	0.751	-0.86	4.66	-0.34	1.861	180.41	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	1.170	-0.82	5.16	-0.35	2.280	185.40	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	1.133	-0.84	5.24	-0.36	2.243	186.20	0.018	SPLSR $\leq$ 0.04, Not required
	NR n7	0.769	-1.00	4.30	-0.35	1.879	176.82	0.015	SPLSR $\leq$ 0.04, Not required
	NR n25	0.727	-1.15	4.54	-0.35	1.837	179.25	0.014	SPLSR $\leq$ 0.04, Not required
	NR n30	1.178	-0.96	3.68	-0.37	2.288	170.62	0.020	SPLSR $\leq$ 0.04, Not required
	NR n66	0.659	-1.15	4.85	-0.37	1.769	182.35	0.013	SPLSR $\leq$ 0.04, Not required
	NR n38	0.821	-0.88	4.14	-0.37	1.931	175.21	0.015	SPLSR $\leq$ 0.04, Not required
	NR n41	0.799	-0.90	4.18	-0.37	1.909	175.61	0.015	SPLSR $\leq$ 0.04, Not required
	NR n77	1.157	-0.98	4.88	-0.37	2.267	182.62	0.019	SPLSR $\leq$ 0.04, Not required

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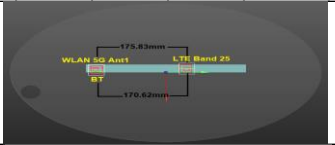
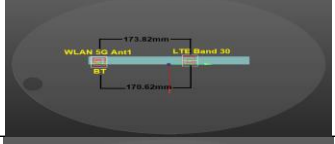
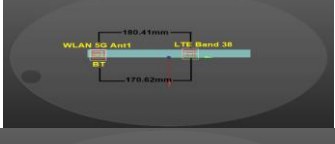
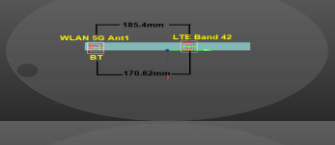
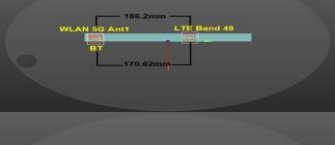
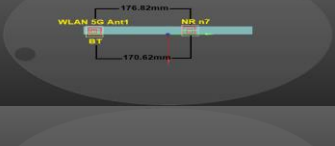
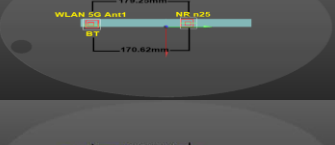
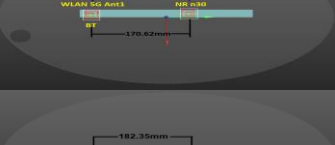
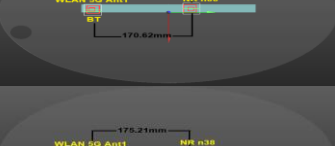
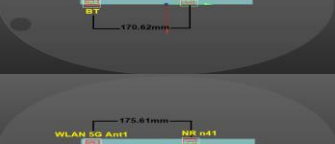
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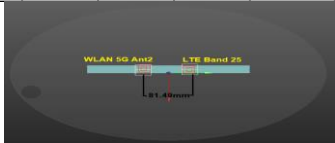
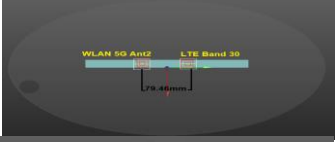
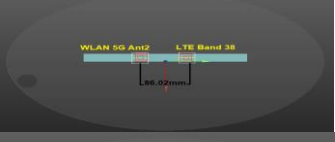
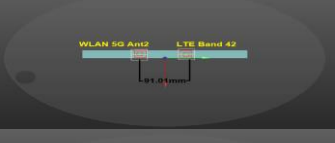
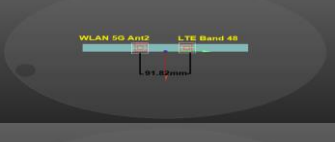
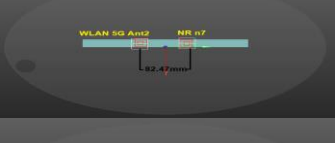
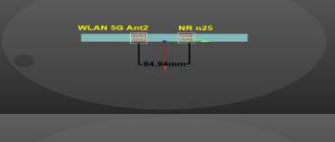
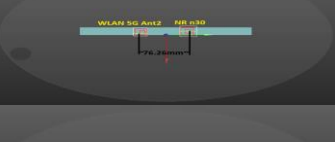
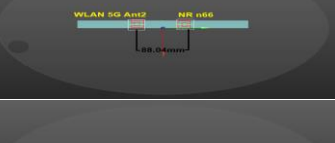
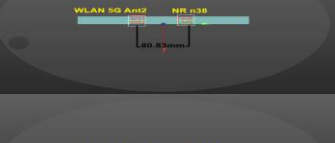
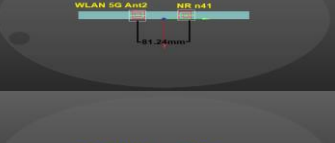
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Scenario 2,4,5									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 5G Ant2	0.760	-0.66	-3.94	-0.36	-	-	-	-
	LTE Band 25	0.677	-1.05	4.20	-0.36	1.437	81.49	0.021	SPLSR $\leq$ 0.04, Not required
	LTE Band 30	1.031	-0.96	4.00	-0.37	1.791	79.46	0.030	SPLSR $\leq$ 0.04, Not required
	LTE Band 38	0.751	-0.86	4.66	-0.34	1.511	86.02	0.022	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	1.170	-0.82	5.16	-0.35	1.930	91.01	0.029	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	1.133	-0.84	5.24	-0.36	1.893	91.82	0.028	SPLSR $\leq$ 0.04, Not required
	NR n7	0.769	-1.00	4.30	-0.35	1.529	82.47	0.023	SPLSR $\leq$ 0.04, Not required
	NR n25	0.727	-1.15	4.54	-0.35	1.487	84.94	0.021	SPLSR $\leq$ 0.04, Not required
	NR n30	1.178	-0.96	3.68	-0.37	1.938	76.26	0.035	SPLSR $\leq$ 0.04, Not required
	NR n66	0.659	-1.15	4.85	-0.37	1.419	88.04	0.019	SPLSR $\leq$ 0.04, Not required
	NR n38	0.821	-0.88	4.14	-0.37	1.581	80.83	0.025	SPLSR $\leq$ 0.04, Not required
	NR n41	0.799	-0.90	4.18	-0.37	1.559	81.24	0.024	SPLSR $\leq$ 0.04, Not required
	NR n77	1.157	-0.98	4.88	-0.37	1.917	88.26	0.030	SPLSR $\leq$ 0.04, Not required

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Scenario 6,7,8									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 6G Ant1+BT	1.220	-0.80	-13.34	-0.36	-	-	-	-
	WCDMA IV	0.574	-1.18	4.69	-0.40	1.794	180.34	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 4	0.567	-0.90	4.35	-0.35	1.787	176.90	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 7	0.627	-1.18	4.76	-0.36	1.847	181.04	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 25	0.677	-1.05	4.20	-0.36	1.897	175.42	0.015	SPLSR $\leq$ 0.04, Not required
	LTE Band 30	1.031	-0.96	4.00	-0.37	2.251	173.41	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 66	0.555	-0.87	4.84	-0.37	1.775	181.80	0.013	SPLSR $\leq$ 0.04, Not required
	LTE Band 38	0.751	-0.86	4.66	-0.34	1.971	180.00	0.015	SPLSR $\leq$ 0.04, Not required
	LTE Band 41	0.592	-0.86	4.64	-0.35	1.812	179.80	0.014	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	1.170	-0.82	5.16	-0.35	2.390	185.00	0.020	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	1.133	-0.84	5.24	-0.36	2.353	185.80	0.019	SPLSR $\leq$ 0.04, Not required
	NR n7	0.769	-1.00	4.30	-0.35	1.989	176.41	0.016	SPLSR $\leq$ 0.04, Not required
	NR n25	0.727	-1.15	4.54	-0.35	1.947	178.83	0.015	SPLSR $\leq$ 0.04, Not required
	NR n30	1.178	-0.96	3.68	-0.37	2.398	170.21	0.022	SPLSR $\leq$ 0.04, Not required
	NR n66	0.659	-1.15	4.85	-0.37	1.879	181.93	0.014	SPLSR $\leq$ 0.04, Not required
	NR n38	0.821	-0.88	4.14	-0.37	2.041	174.80	0.017	SPLSR $\leq$ 0.04, Not required
	NR n41	0.799	-0.90	4.18	-0.37	2.019	175.20	0.016	SPLSR $\leq$ 0.04, Not required
	NR n77	1.157	-0.98	4.88	-0.37	2.377	182.21	0.020	SPLSR $\leq$ 0.04, Not required

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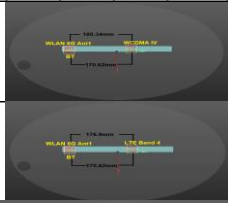
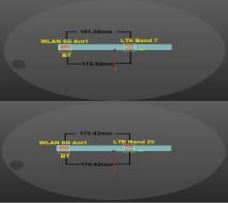
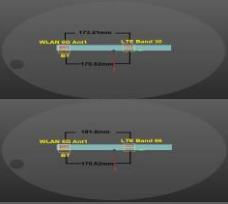
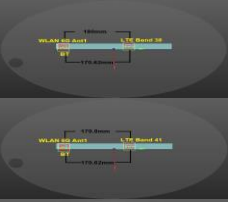
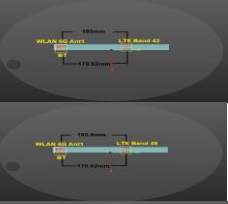
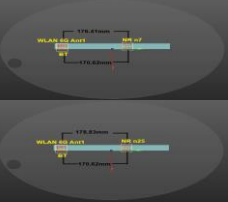
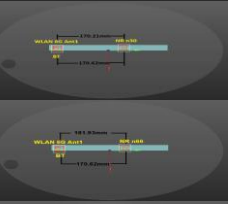
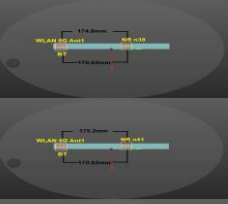
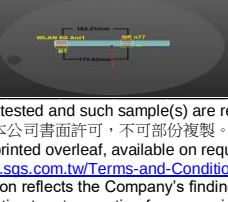
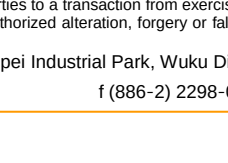
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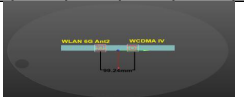
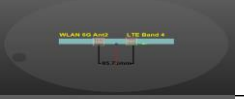
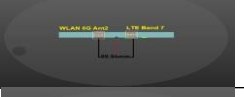
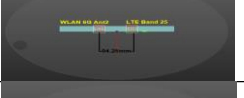
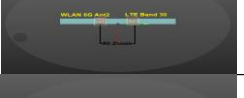
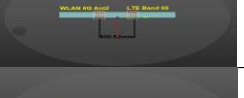
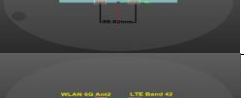
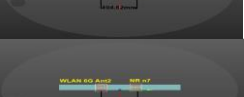
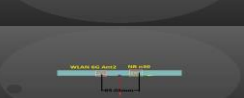
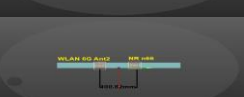
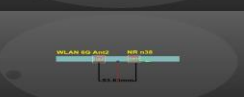
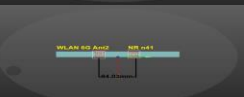
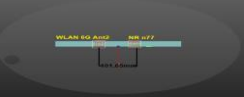
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Scenario 6,7,8									
Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WLAN 6G Ant2	0.920	-0.66	-5.22	-0.36	-	-	-	-
	WCDMA IV	0.574	-1.18	4.69	-0.40	1.494	99.24	0.018	SPLSR $\leq$ 0.04, Not required
	LTE Band 4	0.567	-0.90	4.35	-0.35	1.487	95.73	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 7	0.627	-1.18	4.76	-0.36	1.547	99.94	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 25	0.677	-1.05	4.20	-0.36	1.597	94.28	0.021	SPLSR $\leq$ 0.04, Not required
	LTE Band 30	1.031	-0.96	4.00	-0.37	1.951	92.25	0.030	SPLSR $\leq$ 0.04, Not required
	LTE Band 66	0.555	-0.87	4.84	-0.37	1.475	100.62	0.018	SPLSR $\leq$ 0.04, Not required
	LTE Band 38	0.751	-0.86	4.66	-0.34	1.671	98.82	0.022	SPLSR $\leq$ 0.04, Not required
	LTE Band 41	0.592	-0.86	4.64	-0.35	1.512	98.62	0.019	SPLSR $\leq$ 0.04, Not required
	LTE Band 42	1.170	-0.82	5.16	-0.35	2.090	103.81	0.029	SPLSR $\leq$ 0.04, Not required
	LTE Band 48	1.133	-0.84	5.24	-0.36	2.053	104.62	0.028	SPLSR $\leq$ 0.04, Not required
	NR n7	0.769	-1.00	4.30	-0.35	1.689	95.26	0.023	SPLSR $\leq$ 0.04, Not required
	NR n25	0.727	-1.15	4.54	-0.35	1.647	97.72	0.022	SPLSR $\leq$ 0.04, Not required
	NR n30	1.178	-0.96	3.68	-0.37	2.098	89.05	0.034	SPLSR $\leq$ 0.04, Not required
	NR n66	0.659	-1.15	4.85	-0.37	1.579	100.82	0.020	SPLSR $\leq$ 0.04, Not required
	NR n38	0.821	-0.88	4.14	-0.37	1.741	93.63	0.025	SPLSR $\leq$ 0.04, Not required
	NR n41	0.799	-0.90	4.18	-0.37	1.719	94.03	0.024	SPLSR $\leq$ 0.04, Not required
	NR n77	1.157	-0.98	4.88	-0.37	2.077	101.05	0.030	SPLSR $\leq$ 0.04, Not required

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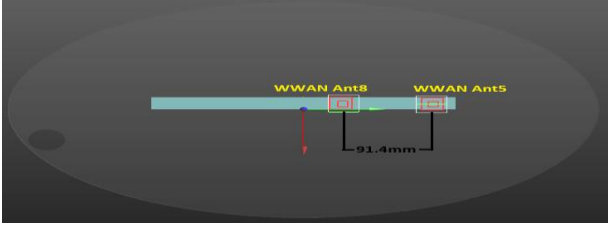
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Ant5 + Ant8

	Exposure Position	Reported SAR											Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
		0	1	2	3	4	5	6	7	8	9	10	11	01-04	01-07	01-10	01-04-05	01-10-05	01-11-12	01-10-11
		WWAN Ant5 1g SAR (W/kg)	WWAN Ant8 1g SAR (W/kg)	2.4GHz WLAN Ant 1 1g SAR (W/kg)	2.4GHz WLAN Ant 2 1g SAR (W/kg)	2.4GHz WLAN Ant 3-12 1g SAR (W/kg)	5GHz WLAN Ant 1 1g SAR (W/kg)	5GHz WLAN Ant 2 1g SAR (W/kg)	5GHz WLAN Ant 3-12 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	5GHz WLAN Ant 1 1g SAR (W/kg)	5GHz WLAN Ant 2 1g SAR (W/kg)	5GHz WLAN Ant 3-12 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Max T1c + Max T1b	Back Surface	0	0.090	0.107	0.760	0.800	0.700	0.700	0.700	0.755	0.340	0.700	0.700	0.987	0.952	1.327	1.327	1.292	1.327	1.292
	Top Edge	0	0.946	1.178	0.960	0.730	0.845	0.910	0.760	0.835	0.200	1.000	0.900	0.568	0.909	1.054	0.664	0.909	1.054	0.909
	Right Edge	0	0.156	0.060	0.400	0.200	0.400	0.200	0.400	0.200	0.340	0.700	0.400	0.200	0.416	0.416	0.616	0.416	0.616	0.416
	Left Edge	0	0.053	0.047	0.760	0.400	0.090	0.700	0.400	0.090	0.340	0.700	0.400	0.589	0.696	0.940	0.940	1.090	0.940	1.090

Scenario 1:

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			Σ SAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top Edge	WWAN Ant5	0.946	-0.90	12.82	-0.30	-	-	-	-
	WWAN Ant8	1.178	-0.960	3.680	-0.373	2.124	91.40	0.034	SPLSR $\leq$ 0.04, Not required
									

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 INSTRUMENTS LIST

Equipment List					
Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Data acquisition Electronics	DAE4	1336	Aug/15/2024	Aug/14/2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	3770	May/24/2024	May/23/2025
SPEAG	System Validation Dipole	D750V3	1015	Sep/27/2024	Sep/26/2025
SPEAG	System Validation Dipole	D835V2	4d063	Sep/16/2024	Sep/15/2025
SPEAG	System Validation Dipole	D1750V2	1158	Aug/20/2024	Aug/19/2025
SPEAG	System Validation Dipole	D1900V2	5d173	Apr/25/2024	Apr/24/2025
SPEAG	System Validation Dipole	D2300V2	1009	Aug/22/2024	Aug/21/2025
SPEAG	System Validation Dipole	D2600V2	1005	Jan/22/2024	Jan/21/2025
SPEAG	System Validation Dipole	D3500V2	1009	Sep/26/2024	Sep/25/2025
SPEAG	System Validation Dipole	D3700V2	1057	Nov/21/2024	Nov/20/2025
SPEAG	System Validation Dipole	D3900V2	1032	Nov/22/2024	Nov/21/2025
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/21/2024	Feb/20/2025
R&S	MXG Analog Signal Generator	SMB100A03	182996	Mar/29/2024	Mar/28/2025
Agilent	Dual-directional coupler	772D	MY46151258	Sep/30/2024	Sep/29/2025
Agilent	Dual-directional coupler	778D	MY46151242	Sep/03/2024	Sep/02/2025
EMCI	Amplifier	EMC 074225P	980155	Calibration not required	Calibration not required
EMCI	Amplifier	EMC 2830P	980156	Calibration not required	Calibration not required
Keysight	Power meter	E4417A	MY51410006	Mar/27/2024	Mar/26/2025
R&S	Power Sensor	NRP18S	101974	Nov/11/2024	Nov/10/2025
R&S	Power Sensor	NRP18S	109066	Oct/28/2024	Oct/27/2025
SPEAG	Software	DASY 52 V52.10.4	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
R&S	Radio Communication Test	CMW 500	125470	May/17/2024	May/16/2025
TECPEL	Digital thermometer	DTM-303A	TP130077	Oct/14/2024	Oct/13/2025

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9 UNCERTAINTY BUDGET

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

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
<i>Isotropy, Axial</i>	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	3.03%	N	1	1	0.64	0.43	1.94%	1.30%	M
Liquid Conductivity (mea.)	1.92%	N	1	1	0.6	0.49	1.15%	0.94%	M
Combined standard uncertainty		RSS					11.93%	11.82%	
Expan uncertainty (95% confidence interval), K=2							23.86%	23.63%	

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

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distribution	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
<i>Isotropy , Axial</i>	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	2.29%	N	1	1	0.64	0.43	1.47%	0.98%	M
Liquid Conductivity (mea.)	3.60%	N	1	1	0.6	0.49	2.16%	1.76%	M
Combined standard uncertainty		RSS					11.71%	11.59%	
Expart uncertainty (95% confidence interval), K=2							23.42%	23.17%	

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10 SAR MEASUREMENT RESULTS

Date: 2024/12/20

ID: 062

Report No. :TESA2412000852EN

WCDMA Band V_Body_Top Edge_CH 4132_0mm_Ant5

Communication System: WCDMA; Frequency: 826.4 MHz; Duty cycle= 1:1

Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 41.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 826.4 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

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

Reference Value = 4.821 V/m; Power Drift = 0.15 dB

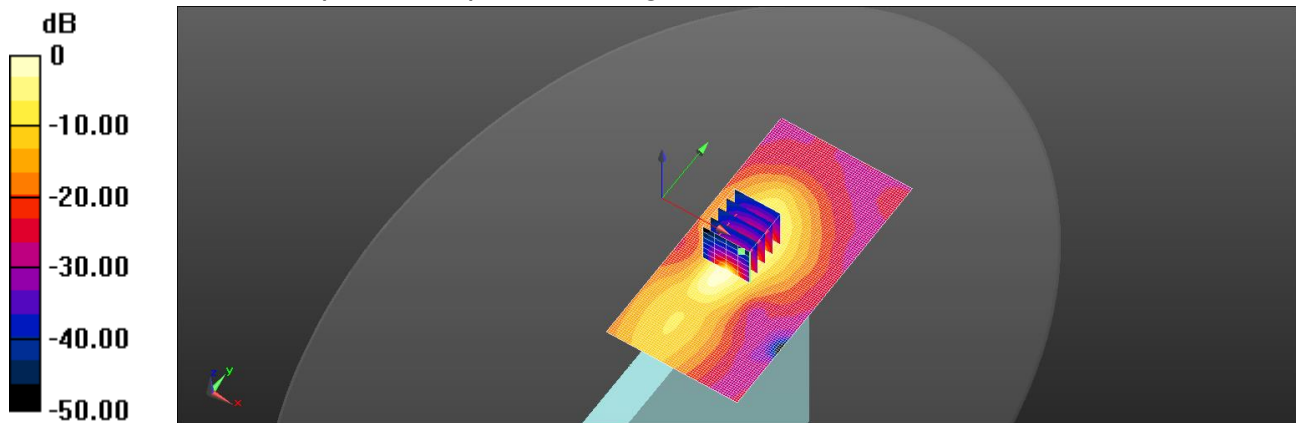
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.365 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 38.1%

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.20 W/kg = 0.78 dBW/kg

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Date: 2024/12/22

ID: 063

Report No.: TESA2412000852EN

WCDMA Band II_Body_Top Edge_CH 9400_0mm_Ant8

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.386 \text{ S/m}$; $\epsilon_r = 39.286$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1880 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (interpolated) = 0.519 W/kg

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

Reference Value = 4.223 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.164 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 0.561 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.223 V/m; Power Drift = 0.13 dB

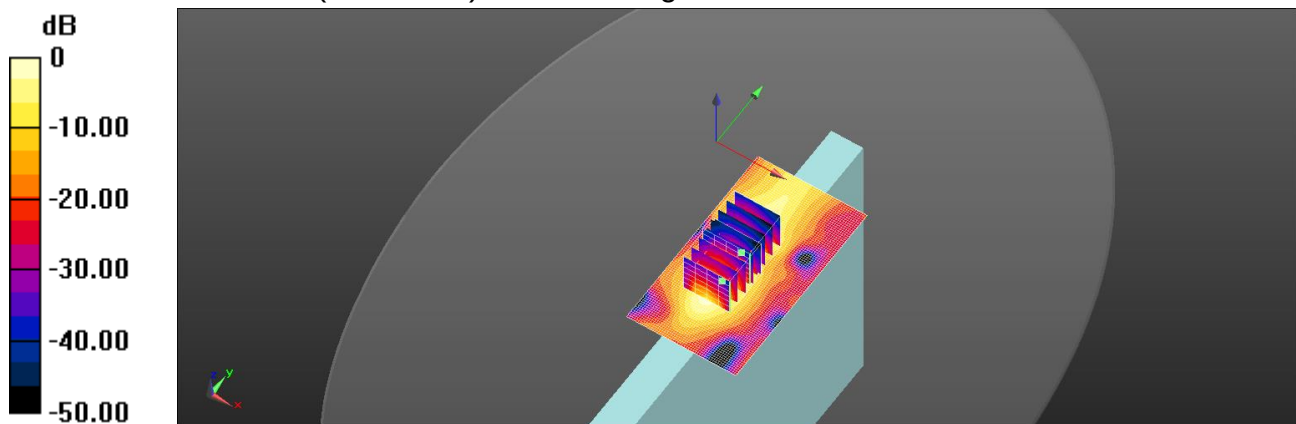
Peak SAR (extrapolated) = 0.666 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.142 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

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

Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.519 W/kg = -2.85 dBW/kg

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Date: 2024/12/21

ID: 064

Report No. :TESA2412000852EN

WCDMA Band IV_Body_Top Edge_CH 1412_0mm_Ant8

Communication System: WCDMA; Frequency: 1732.4 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 39.557$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 22°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.4, 8.4, 8.4) @ 1732.4 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.805 W/kg

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

Reference Value = 4.689 V/m; Power Drift = 0.04 dB

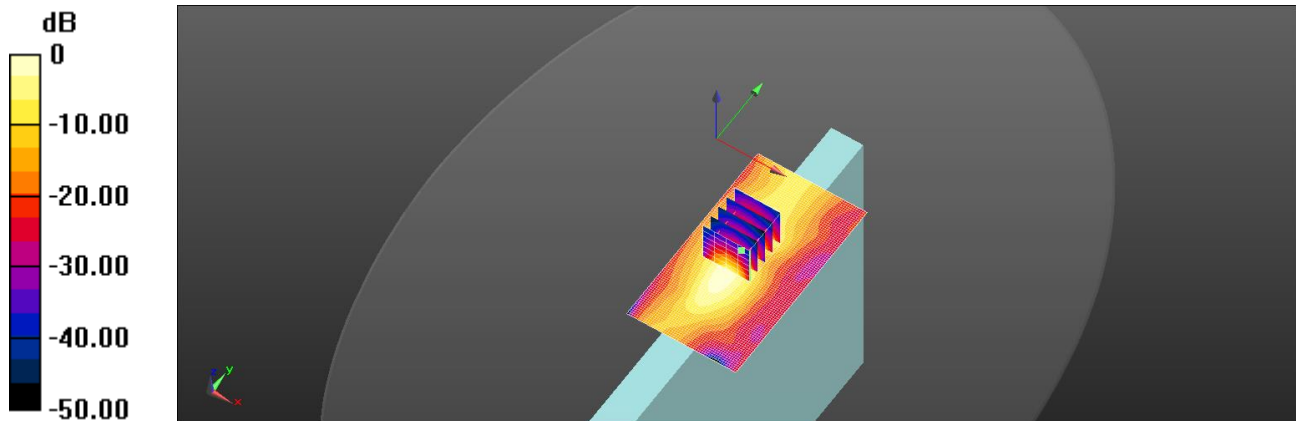
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.215 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

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

Maximum value of SAR (measured) = 0.795 W/kg



0 dB = 0.805 W/kg = -0.94 dBW/kg

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Date: 2024/12/20

ID: 065

Report No. :TESA2412000852EN

LTE Band 5 (10MHz)_Body_Top Edge_CH 20450_QPSK_1-0_0mm_Ant5

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

Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.878 \text{ S/m}$; $\epsilon_r = 41.256$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 829 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.783 W/kg

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

Reference Value = 5.370 V/m; Power Drift = 0.10 dB

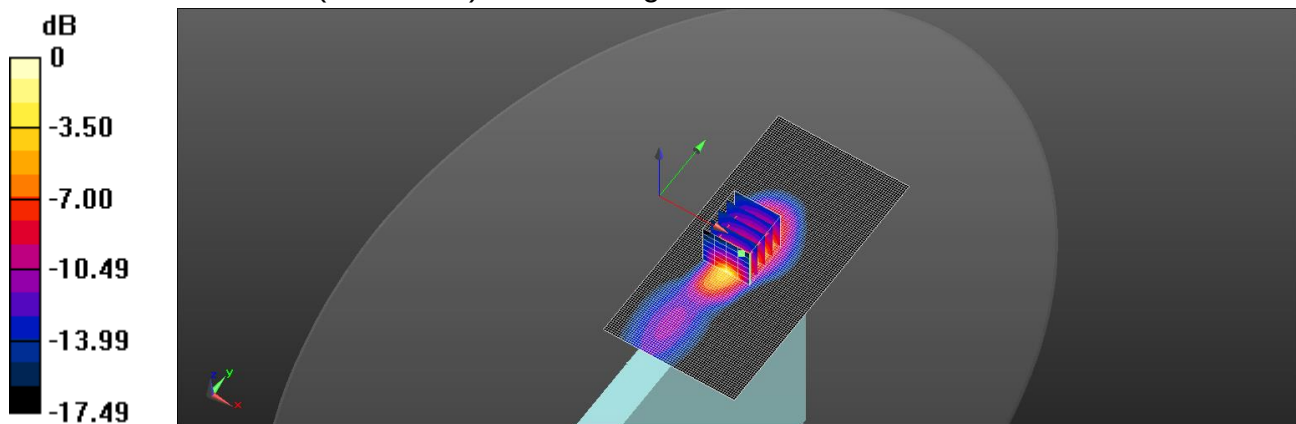
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.318 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 40%

Maximum value of SAR (measured) = 1.34 W/kg



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

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Date: 2024/12/19

ID: 066

Report No. :TESA2412000852EN

LTE Band 12 (10MHz)_Body_Top Edge_CH 23060_QPSK_1-0_0mm_Ant5

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.857 \text{ S/m}$; $\epsilon_r = 41.65$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 704 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.870 W/kg

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

Reference Value = 6.669 V/m; Power Drift = 0.06 dB

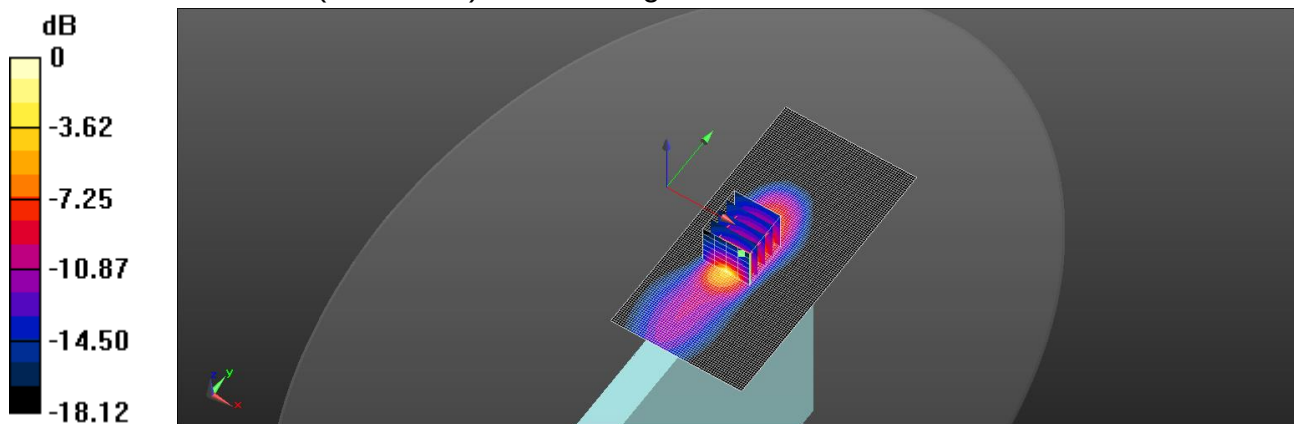
Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.360 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 37.5%

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

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Date: 2024/12/19

ID: 067

Report No. :TESA2412000852EN

LTE Band 13 (10MHz)_Body_Top Edge_CH 23230_QPSK_1-0_0mm_Ant5

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

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 41.565$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 782 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

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

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

Reference Value = 3.332 V/m; Power Drift = -0.02 dB

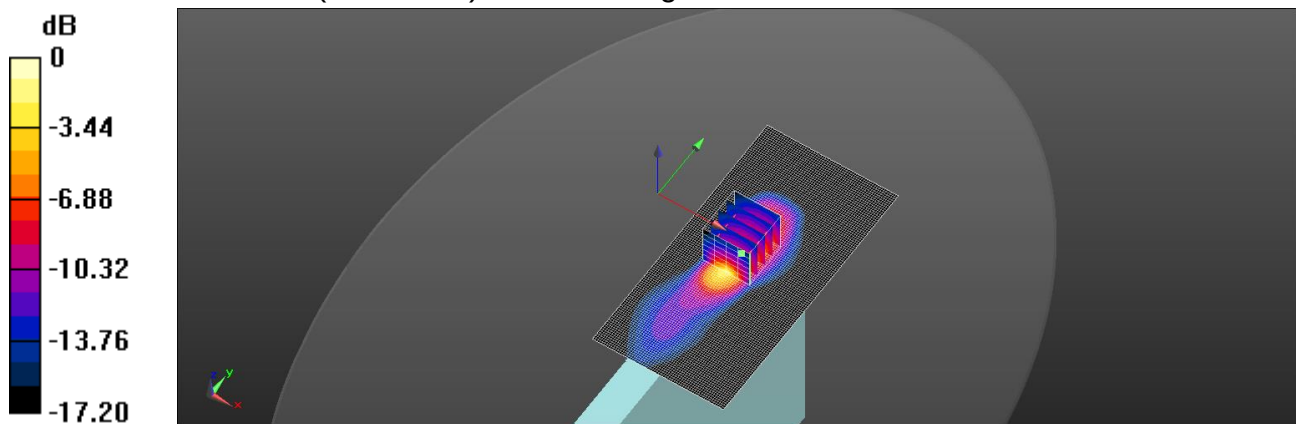
Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.166 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 41.4%

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg

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Date: 2024/12/19

ID: 068

Report No. :TESA2412000852EN

LTE Band 14 (10MHz)_Body_Top Edge_CH 23330_QPSK_1-0_0mm_Ant5

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

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.871 \text{ S/m}$; $\epsilon_r = 41.554$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 793 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.386 W/kg

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

Reference Value = 3.370 V/m; Power Drift = -0.01 dB

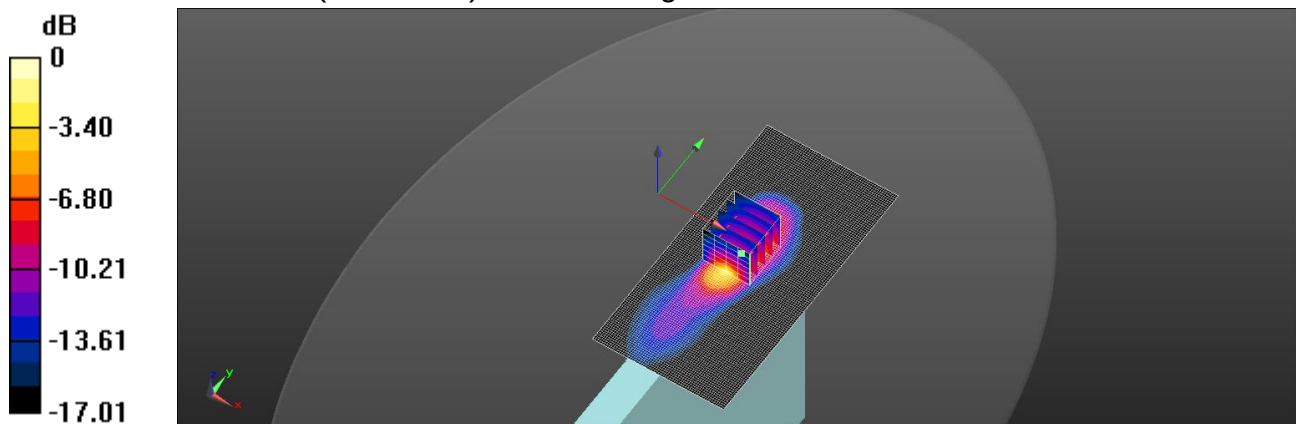
Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.171 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 41%

Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

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Date: 2024/12/19

ID: 069

Report No. :TESA2412000852EN

LTE Band 17 (10MHz)_Body_Top Edge_CH 23800_QPSK_1-0_0mm_Ant5

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

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 41.643$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 711 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.881 W/kg

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

Reference Value = 6.742 V/m; Power Drift = 0.06 dB

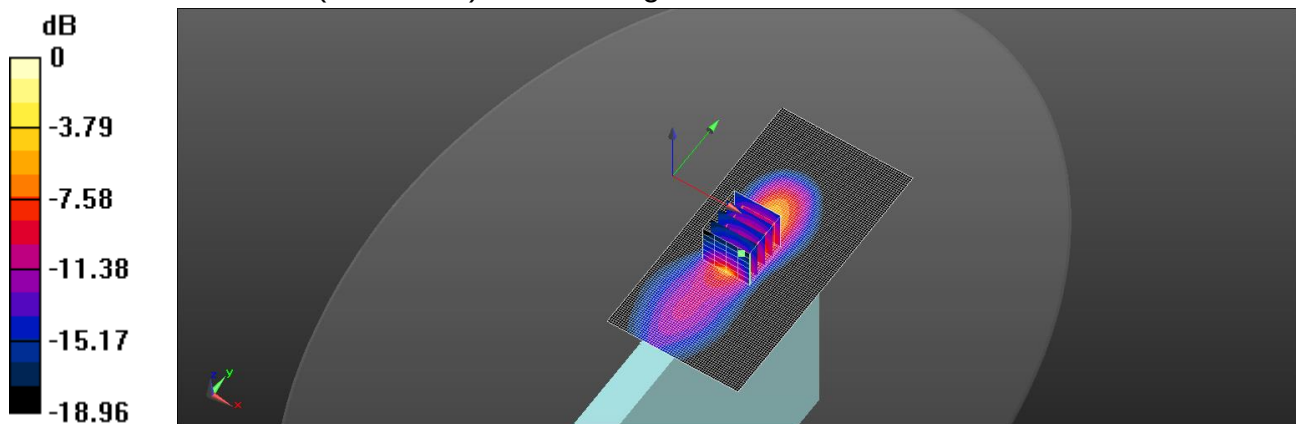
Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.334 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 40.9%

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

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Date: 2024/12/20

ID: 070

Report No. :TESA2412000852EN

LTE Band 26 (15MHz)_Body_Top Edge_CH 26765_QPSK_1-0_0mm_FCC_Ant5

Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 821.5 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 41.264$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 821.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.628 W/kg

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

Reference Value = 4.924 V/m; Power Drift = 0.16 dB

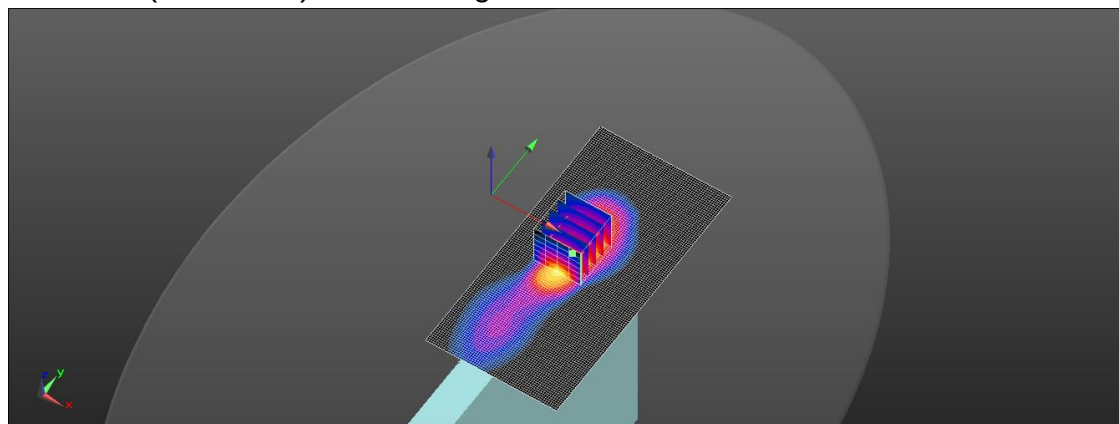
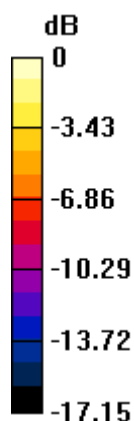
Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.269 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 38.9%

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

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Date: 2024/12/19

ID: 072

Report No. :TESA2412000852EN

LTE Band 71 (20MHz)_Body_Top Edge_CH 133372_QPSK_1-0_0mm_Ant5

Communication System: LTE; Frequency: 688 MHz; Duty cycle= 1:1

Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.856 \text{ S/m}$; $\epsilon_r = 41.656$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 688 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (interpolated) = 0.802 W/kg

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

Reference Value = 6.901 V/m; Power Drift = 0.13 dB

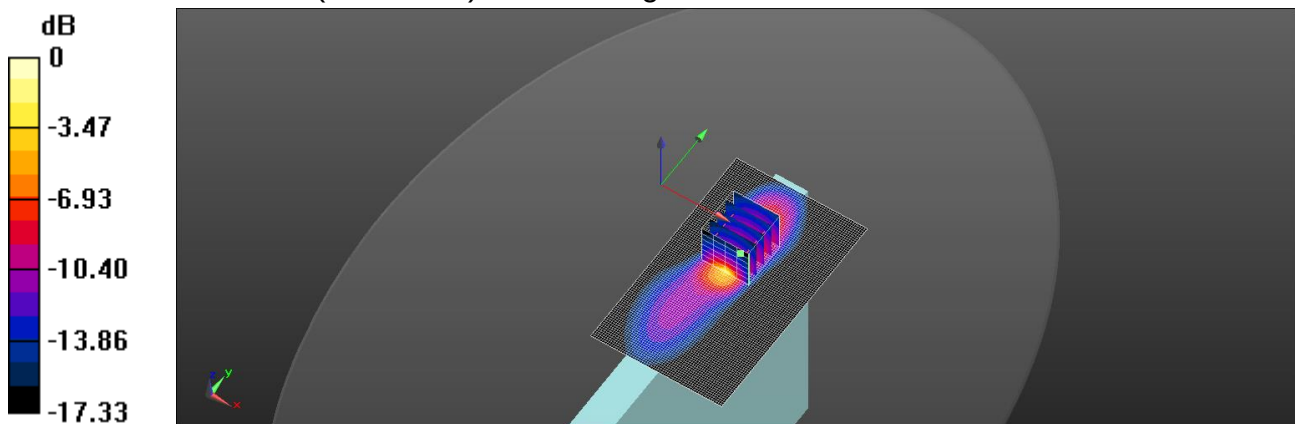
Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.352 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 38.8%

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

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Date: 2024/12/24

ID: 073

Report No. :TESA2412000852EN

LTE Band 41 (20MHz)_Body_Top Edge_CH 40185_QPSK_1-0_0mm_PC3_Ant5

Communication System: LTE; Frequency: 2549.5 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 2549.5$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 38.507$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2549.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.924 W/kg

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

Reference Value = 1.935 V/m; Power Drift = 0.02 dB

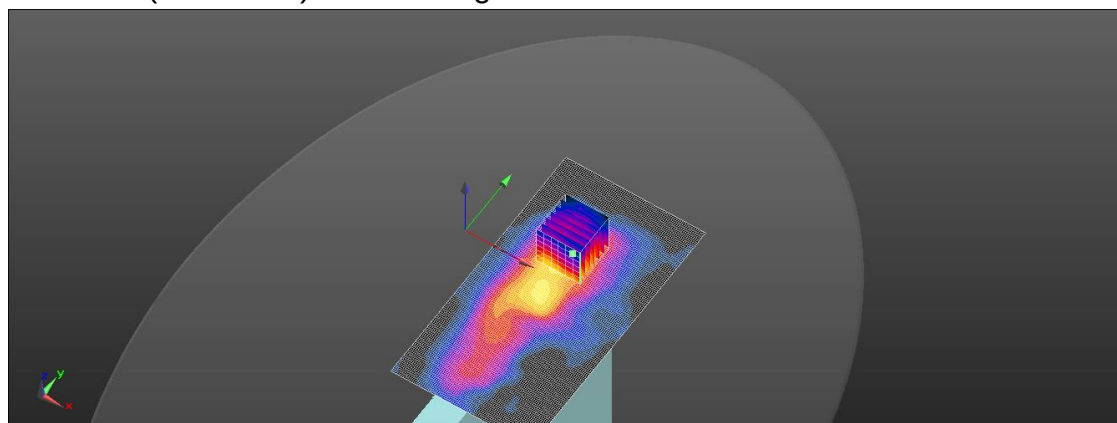
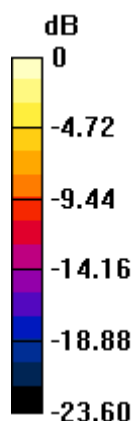
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.260 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 43.3%

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



0 dB = 1.11 W/kg = 0.45 dBW/kg

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Date: 2024/12/30

ID: 075

Report No. :TESA2412000852EN

LTE Band 42 (20MHz)_Body_Top Edge_CH 42590_QPSK_1-0_0mm_Part1_Ant5

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.918$ S/m; $\epsilon_r = 37.599$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.78, 6.78, 6.78) @ 3500 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.996 W/kg

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

Reference Value = 1.036 V/m; Power Drift = -0.07 dB

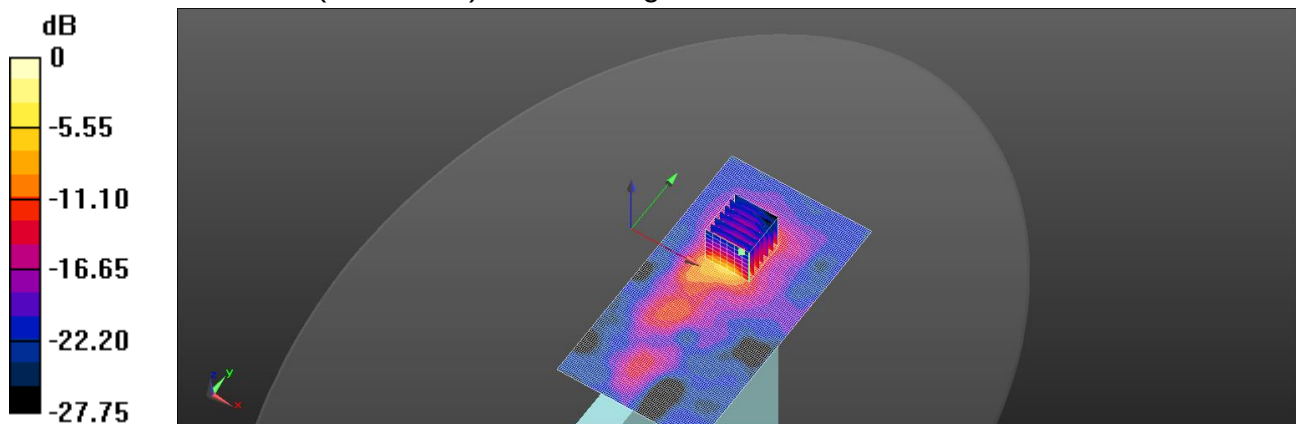
Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.262 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

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

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

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Date: 2024/12/30

ID: 076

Report No. :TESA2412000852EN

LTE Band 42 (20MHz)_Body_Top Edge_CH 43340_QPSK_1-0_0mm_Part2_Ant5

Communication System: LTE; Frequency: 3575 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 3575$ MHz; $\sigma = 2.996$ S/m; $\epsilon_r = 37.518$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.78, 6.78, 6.78) @ 3575 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.992 W/kg

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

Reference Value = 2.203 V/m; Power Drift = 0.18 dB

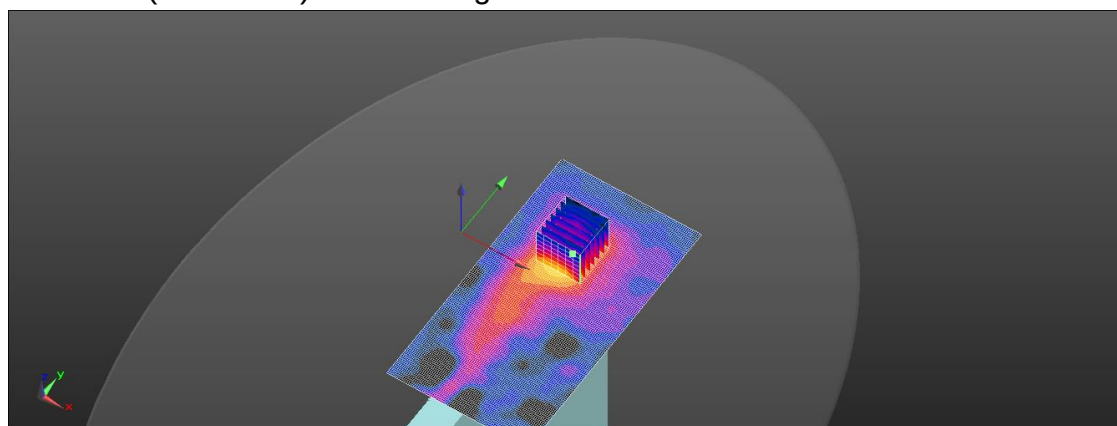
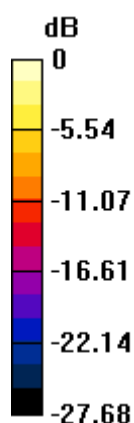
Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.243 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 43.1%

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

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Date: 2024/12/30

ID: 078

Report No. :TESA2412000852EN

LTE Band 48 (20MHz)_Body_Top Edge_CH 55340_QPSK_1-0_0mm_Ant5

Communication System: LTE; Frequency: 3560 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 3560$ MHz; $\sigma = 2.98$ S/m; $\epsilon_r = 37.534$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.78, 6.78, 6.78) @ 3560 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

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

Reference Value = 3.122 V/m; Power Drift = 0.12 dB

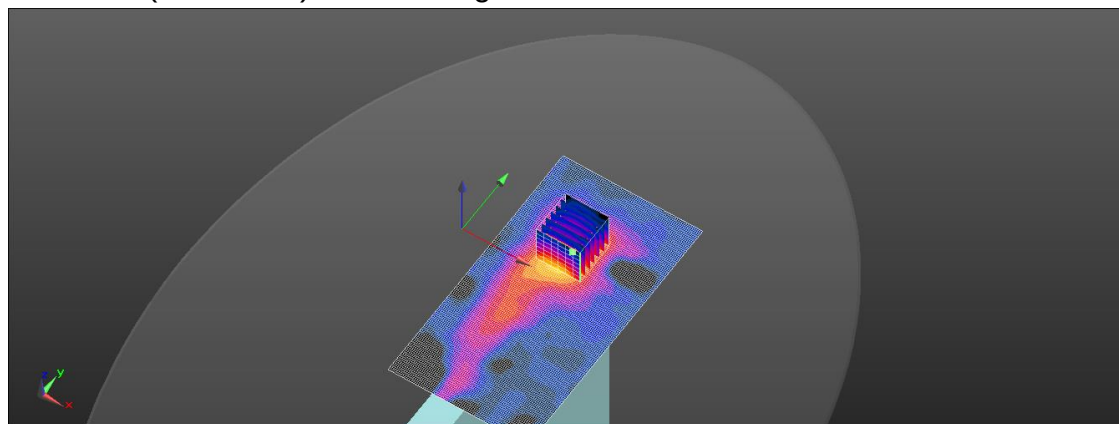
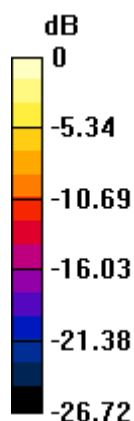
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.249 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

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Date: 2024/12/22

ID: 079

Report No. :TESA2412000852EN

NR n2 (30MHz)_Body_Top Edge_CH 373000_Pi/2 BPSK_1-1_0mm_Ant5

Communication System: 5G NR (30 MHz, Pi/2 BPSK, 15 kHz); Frequency: 1865 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1865 \text{ MHz}$; $\sigma = 1.377 \text{ S/m}$; $\epsilon_r = 39.304$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1865 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.590 W/kg

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

Reference Value = 4.156 V/m; Power Drift = -0.03 dB

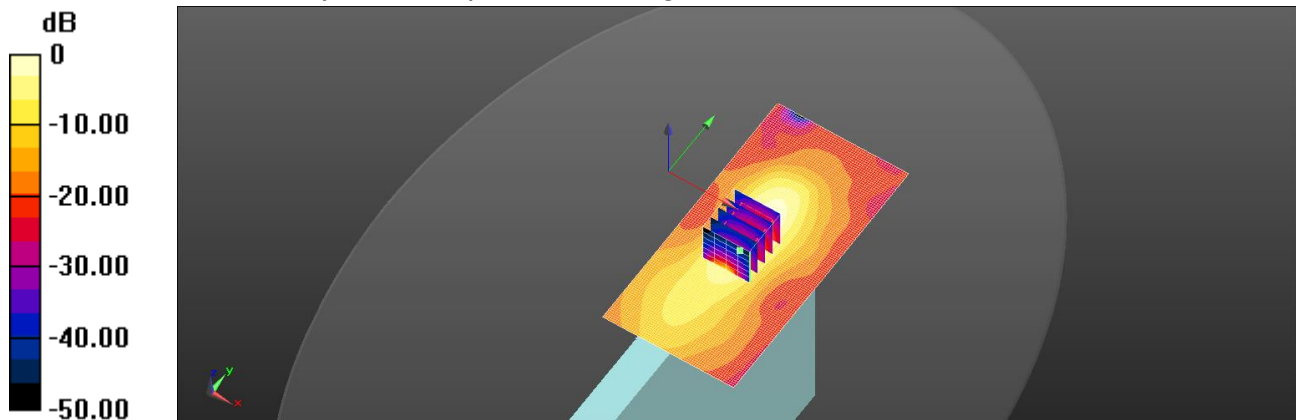
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.252 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 45%

Maximum value of SAR (measured) = 0.956 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

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Date: 2024/12/20

ID: 080

Report No. :TESA2412000852EN

NR n5 (25MHz)_Body_Top Edge_CH 167300_Pi/2 BPSK_1-1_0mm_Ant5

Communication System: 5G NR (25 MHz, Pi/2 BPSK, 15 kHz); Frequency: 836.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 41.249$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 836.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.813 W/kg

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

Reference Value = 6.035 V/m; Power Drift = 0.01 dB

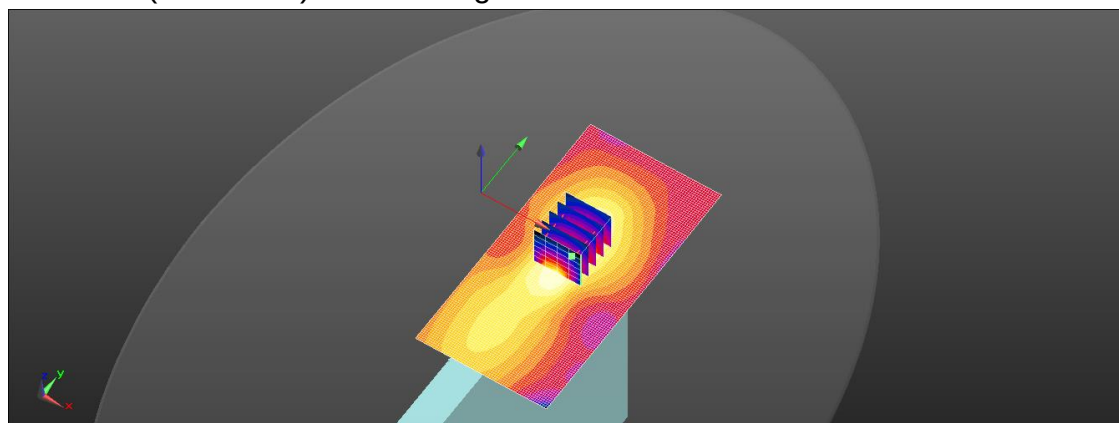
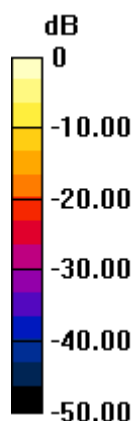
Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.341 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 44.6%

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 0.813 W/kg = -0.90 dBW/kg

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Date: 2024/12/19

ID: 081

Report No. :TESA2412000852EN

NR n12 (15MHz)_Body_Top Edge_CH 141500_Pi/2 BPSK_1-1_0mm_Ant5

Communication System: 5G NR (15 MHz, Pi/2 BPSK, 15 kHz); Frequency: 707.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 41.647$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 707.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

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

Reference Value = 7.932 V/m; Power Drift = -0.03 dB

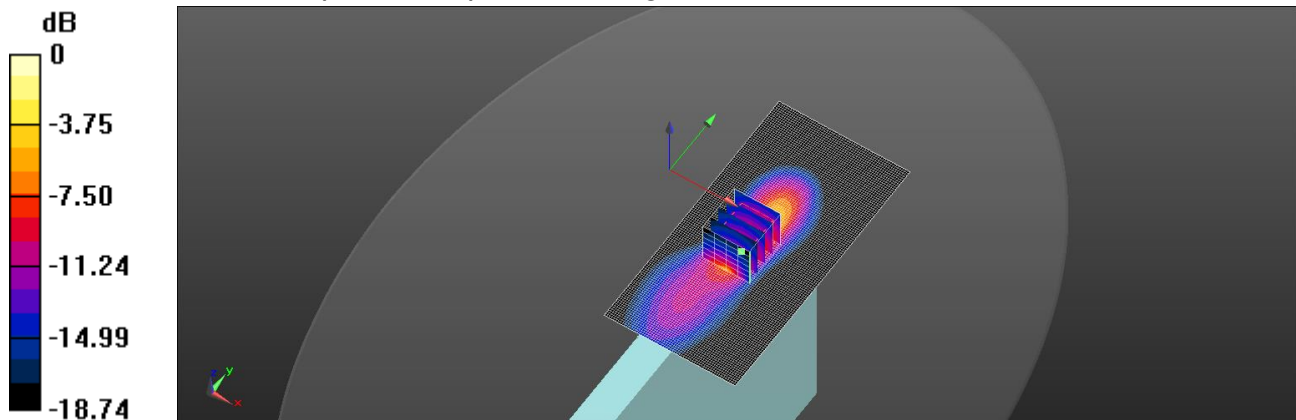
Peak SAR (extrapolated) = 3.39 W/kg

SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.420 W/kg

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 39.7%

Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 dBW/kg

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Date: 2024/12/19

ID: 082

Report No. :TESA2412000852EN

NR n14 (10MHz)_Body_Top Edge_CH 158600_Pi/2 BPSK_1-1_0mm_Ant5

Communication System: 5G NR (10 MHz, Pi/2 BPSK, 15 kHz); Frequency: 793 MHz; Duty cycle= 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.871 \text{ S/m}$; $\epsilon_r = 41.554$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 793 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.469 W/kg

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

Reference Value = 3.674 V/m; Power Drift = 0.15 dB

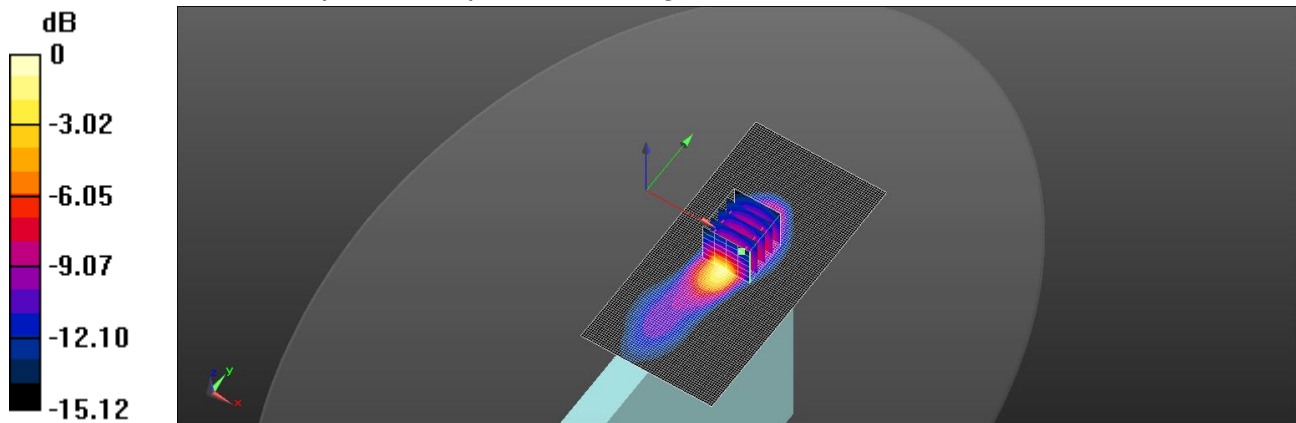
Peak SAR (extrapolated) = 0.939 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.191 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 0.573 W/kg



0 dB = 0.573 W/kg = -2.42 dBW/kg

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Date: 2024/12/22

ID: 083

Report No. :TESA2412000852EN

NR n25 (45MHz)_Body_Top Edge_CH 374500_Pi/2 BPSK_1-1_0mm_Ant5

Communication System: 5G NR (45 MHz, Pi/2 QPSK, 15kHz); Frequency: 1872.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1872.5$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 39.297$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1872.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

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

Reference Value = 3.040 V/m; Power Drift = 0.01 dB

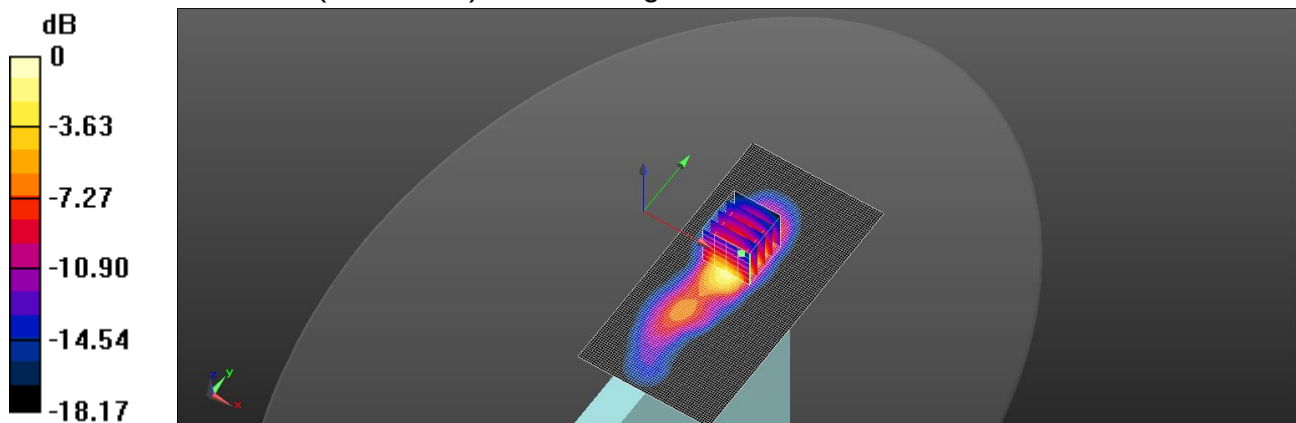
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.362 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.9%

Maximum value of SAR (measured) = 1.20 W/kg



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Date: 2024/12/20

ID: 084

Report No. :TESA2412000852EN

NR n26 (20MHz)_Body_Top Edge_CH 166300_Pi/2 BPSK_1-1_0mm_Ant5

Communication System: 5G NR (20 MHz, Pi/2 BPSK, 15kHz); Frequency: 831.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 41.254$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 831.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.917 W/kg

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

Reference Value = 6.066 V/m; Power Drift = -0.05 dB

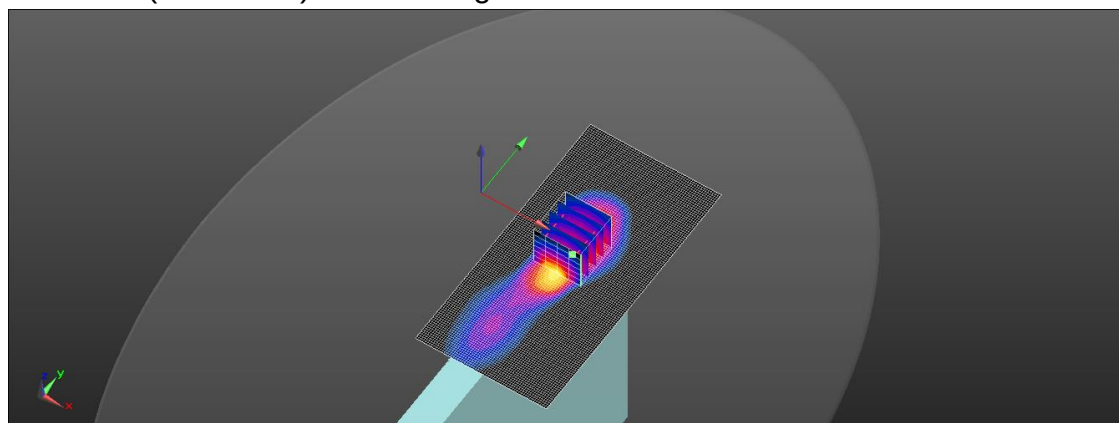
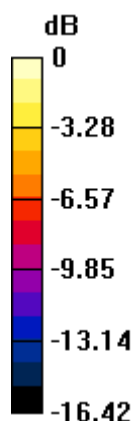
Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.370 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 43.3%

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 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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