RF Exposure report

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

Product Name	5G WWAN Module
Brand Name	DELL
Model No.	T99W373
Applicant	Dell Inc.
	One Dell Way, Round Rock, TX 78682
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID	E2KT99W373PC15
Date of EUT Receipt	Jun, 12, 2024
Date of Test(s)	Jul. 03, 2024 ~ Aug. 03, 2024
Date of Issue	Sep. 09, 2024

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 / Jasper Wang	Approved By / John Yeh
Kimmy Chiou	Jasper Wang	John Yeh

Date: Sep. 09, 2024

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2405000278EN	00	Initial creation of document	Aug. 19, 2024	Kimmy Chiou	
TESA2405000278EN	01	Modify comment	Sep. 09, 2024	Kimmy Chiou	*

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.
2. WLAN module: AX211NGW and BE200NGW measurements from module reports.

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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	5G WWAN Module	
Brand Name	DELL	
Model No.	T99W373	
FCC ID	E2KT99W373PC15	
Integrated WLAN Module	Brand Name: Intel® Wi-Fi 6E AX211 Model Name: AX211NGW	
	Brand Name: Intel® BE200NGW Model Name: BE200NGW	
Host Information	Product Type: Notebook Computer Trade Name: DELL Model Name: P149G	
Duty Cycle	WCDMA	1
	LTE FDD	1
	LTE TDD Power Class 3	0.633
	LTE TDD Power Class 2	0.433
	5G NR	1
Supported radios (TX Frequency Range, MHz)	WCDMA Band II	1850-1910
	WCDMA Band IV	1710-1755
	WCDMA Band V	824-849

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	Main	
Supported radios (TX Frequency Range, MHz)	LTE FDD Band 2	1850-1910
	LTE FDD Band 4	1710-1755
	LTE FDD Band 5	824-849
	LTE FDD Band 7	2500-2570
	LTE FDD Band 12	699-716
	LTE FDD Band 13	777-787
	LTE FDD Band 14	788-798
	LTE FDD Band 17	704-716
	LTE FDD Band 25	1850-1915
	LTE FDD Band 26	814-849
	LTE FDD Band 30	2305-2315
	LTE TDD Band 38	2570-2620
	LTE TDD Band 41 Power Class 2/3	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
	n13	777-787
	n14	788-798

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Supported radios (TX Frequency Range, MHz)	n25	1850-1915
	n26	814-849
	n30	2305-2315
	n38	2570-2620
	n41	2496-2690
	n48	3550-3700
	n66	1710-1780
	n70	1695-1710
	n71	663-698
	n77	3700-3980
	n78	3300-3800

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	Aux 2	
Supported radios (TX Frequency Range, MHz)	LTE FDD Band 2	1850-1910
	LTE FDD Band 4	1710-1755
	LTE FDD Band 7	2500-2570
	LTE FDD Band 25	1850-1915
	LTE FDD Band 30	2305-2315
	LTE TDD Band 38	2570-2620
	LTE TDD Band 41 Power Class 2/3	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
	n2	1850-1910
	n7	2500-2570
	n25	1850-1915
	n30	2305-2315
	n38	2570-2620
	n41	2496-2690
	n48	3550-3700
	n66	1710-1780
	n70	1695-1710
	n77	3700-3980
	n78	3300-3800

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1.3 Maximum value

Frequency Band		Highest SAR Summary
		Body (Separation 0mm)
		1g SAR (W/kg)
WCDMA	WCDMA V	0.01
LTE	LTE Band 42_Part1_Aux 2	0.08
FR1	NR n77_PC2_Part3_Aux 2	0.22

1.4 Antenna Information

Vendor	HONGBO									
Antenna	Main									
Part Number	330-26019 MSZ0XCTX00004700									
Frequency(MHz)	71	12	17	13	14	26	5	4	66	2
	663~698	699~716	704~716	777~787	788~798	814~849	824~849	1710~1755	1710~1780	1850~1910
Gain (dBi)	1.42	1.74	1.74	1.94	0.92	-0.24	-0.24	1.41	2.22	2.96
Frequency(MHz)	25	30	41	7	38	42	48	78	77	
	1850~1915	2305~2315	2496~2690	2500~2570	2570~2620	3400~3600	3550~3700	3300~3800	3300~4200	
Gain (dBi)	2.96	-0.12	0.69	0.564	0.687	0.083	0.083	0.083	0.083	

Vendor	HONGBO									
Antenna	Aux 2									
Part Number	330-26021 MSZ0XCTX00004900									
Frequency(MHz)	4	66	2	25	30	41	7	38	42	48
	1710~1755	1710~1780	1850~1910	1850~1915	2305~2315	2496~2690	2500~2570	2570~2620	3400~3600	3550~3700
Gain (dBi)	0.98	0.98	0.04	0.04	0.42	0.68	0.49	-0.56	1.44	1.44
Frequency(MHz)	78	77								
	3300~3800	3300~4200								
Gain (dBi)	1.437	2.183								

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 the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.				

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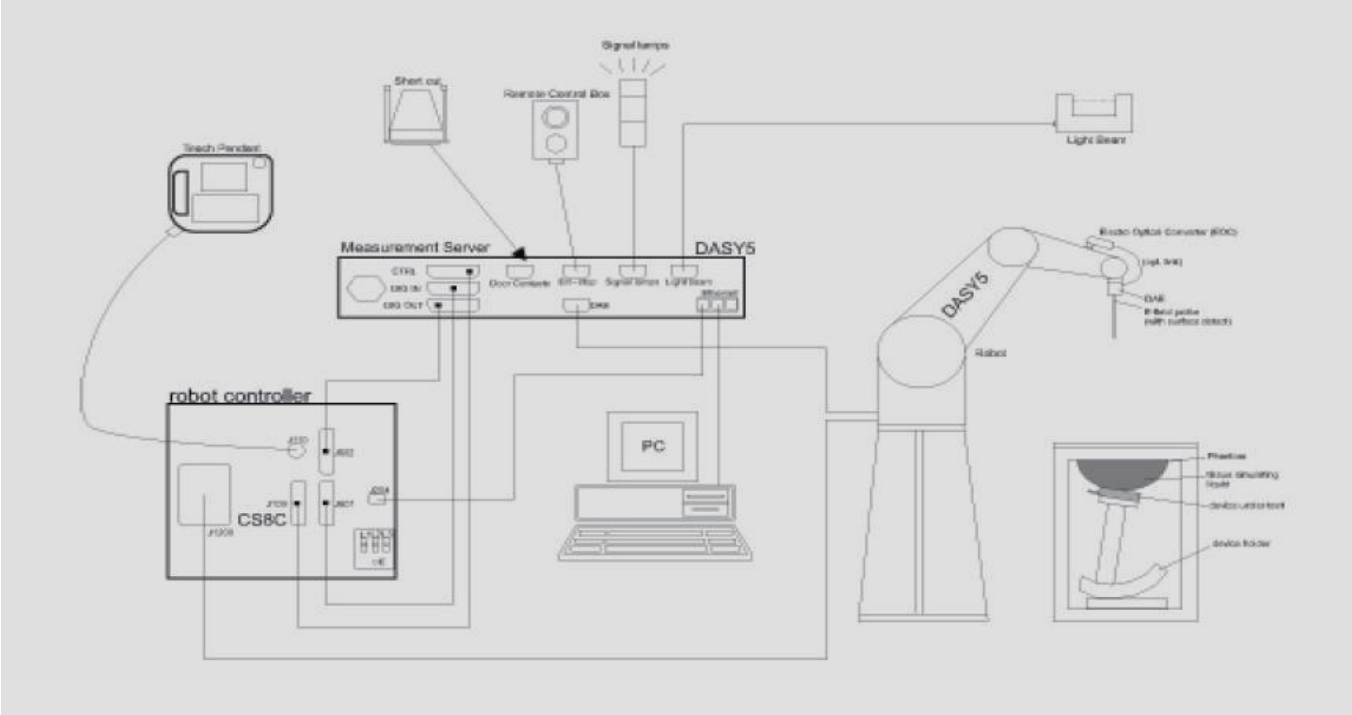
2.2 SAR System

Block Diagram (DASY5)

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



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EX3DV4 E-Field Probe

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

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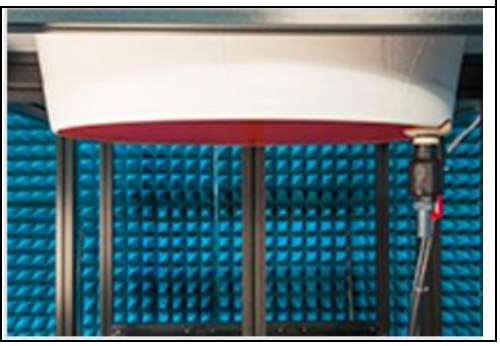
PHANTOM (ELI)

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

DEVICE HOLDER

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

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3 SAR SYSTEM VERIFICATION

3.1 Tissue Simulating Liquid

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

3.2 Tissue Simulant Liquid measurement

The dielectric properties for this Head-simulant fluid were measured by using the SPEAG Dielectric Assessment Kit (DAKS-3.5)
All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The measured conductivity and permittivity are all within ± 5% of the target values.

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3.3 Measurement results of Tissue Simulant Liquid

Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
673	42.311	0.885	42.537	0.888	0.53%	0.35%	± 5%	Jul. 03, 2024	22.2	22.4
680.5	42.271	0.885	42.529	0.890	0.61%	0.52%	± 5%	Jul. 03, 2024	22.2	22.4
688	42.231	0.886	42.521	0.891	0.69%	0.58%	± 5%	Jul. 03, 2024	22.2	22.4
693	42.204	0.886	42.515	0.892	0.74%	0.65%	± 5%	Jul. 03, 2024	22.2	22.4
704	42.145	0.887	42.507	0.894	0.86%	0.80%	± 5%	Jul. 03, 2024	22.2	22.4
705	42.140	0.887	42.505	0.895	0.87%	0.90%	± 5%	Jul. 03, 2024	22.2	22.4
706.5	42.132	0.887	42.504	0.896	0.88%	1.00%	± 5%	Jul. 03, 2024	22.2	22.4
707.5	42.127	0.887	42.503	0.897	0.89%	1.11%	± 5%	Jul. 03, 2024	22.2	22.4
708.5	42.121	0.887	42.502	0.898	0.90%	1.21%	± 5%	Jul. 03, 2024	22.2	22.4
709	42.119	0.887	42.501	0.899	0.91%	1.32%	± 5%	Jul. 03, 2024	22.2	22.4
710	42.113	0.887	42.500	0.900	0.92%	1.43%	± 5%	Jul. 03, 2024	22.2	22.4
711	42.108	0.887	42.499	0.901	0.93%	1.53%	± 5%	Jul. 03, 2024	22.2	22.4
750	41.900	0.890	42.456	0.904	1.33%	1.57%	± 5%	Jul. 03, 2024	22.2	22.4
782	41.749	0.894	42.421	0.908	1.61%	1.59%	± 5%	Jul. 03, 2024	22.2	22.4
793	41.698	0.895	42.410	0.910	1.71%	1.67%	± 5%	Jul. 03, 2024	22.2	22.4
680.5	42.271	0.885	42.508	0.892	0.56%	0.75%	± 5%	Jul. 04, 2024	22.0	22.3
688	42.231	0.886	42.499	0.893	0.64%	0.81%	± 5%	Jul. 04, 2024	22.0	22.3
693	42.204	0.886	42.494	0.894	0.69%	0.88%	± 5%	Jul. 04, 2024	22.0	22.3
705	42.140	0.887	42.481	0.897	0.81%	1.13%	± 5%	Jul. 04, 2024	22.0	22.3
706.5	42.132	0.887	42.480	0.898	0.83%	1.23%	± 5%	Jul. 04, 2024	22.0	22.3
707.5	42.127	0.887	42.479	0.899	0.84%	1.33%	± 5%	Jul. 04, 2024	22.0	22.3
708.5	42.121	0.887	42.478	0.900	0.85%	1.44%	± 5%	Jul. 04, 2024	22.0	22.3
711	42.108	0.887	42.462	0.902	0.84%	1.65%	± 5%	Jul. 04, 2024	22.0	22.3
750	41.900	0.890	42.432	0.907	1.27%	1.91%	± 5%	Jul. 04, 2024	22.0	22.3
782	41.749	0.894	42.397	0.910	1.55%	1.82%	± 5%	Jul. 04, 2024	22.0	22.3
793	41.698	0.895	42.385	0.912	1.65%	1.89%	± 5%	Jul. 04, 2024	22.0	22.3
821.5	41.564	0.898	42.354	0.915	1.90%	1.85%	± 5%	Jul. 04, 2024	21.8	22.2
824	41.552	0.899	42.350	0.916	1.92%	1.92%	± 5%	Jul. 04, 2024	21.8	22.2
826.4	41.540	0.899	42.347	0.917	1.94%	2.00%	± 5%	Jul. 04, 2024	21.8	22.2
829	41.528	0.899	42.343	0.918	1.96%	2.08%	± 5%	Jul. 04, 2024	21.8	22.2
831.5	41.516	0.900	42.340	0.919	1.98%	2.16%	± 5%	Jul. 04, 2024	21.8	22.2
834	41.505	0.900	42.336	0.921	2.00%	2.35%	± 5%	Jul. 04, 2024	21.8	22.2
835	41.500	0.900	42.335	0.922	2.01%	2.44%	± 5%	Jul. 04, 2024	21.8	22.2
836.5	41.500	0.902	42.334	0.923	2.01%	2.37%	± 5%	Jul. 04, 2024	21.8	22.2
836.6	41.500	0.902	42.333	0.924	2.01%	2.47%	± 5%	Jul. 04, 2024	21.8	22.2
839	41.500	0.904	42.331	0.926	2.00%	2.40%	± 5%	Jul. 04, 2024	21.8	22.2
841.5	41.500	0.907	42.329	0.927	2.00%	2.21%	± 5%	Jul. 04, 2024	21.8	22.2
844	41.500	0.910	42.326	0.929	1.99%	2.12%	± 5%	Jul. 04, 2024	21.8	22.2
846.2	41.500	0.912	42.324	0.930	1.99%	1.97%	± 5%	Jul. 04, 2024	21.8	22.2
846.6	41.500	0.912	42.323	0.931	1.98%	2.03%	± 5%	Jul. 04, 2024	21.8	22.2
850.8	41.500	0.917	42.318	0.933	1.97%	1.74%	± 5%	Jul. 04, 2024	21.8	22.2

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Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
824	41.552	0.899	42.332	0.918	1.88%	2.15%	± 5%	Jul. 05, 2024	22.1	22.4
829	41.528	0.899	42.326	0.920	1.92%	2.30%	± 5%	Jul. 05, 2024	22.1	22.4
831.5	41.516	0.900	42.323	0.921	1.94%	2.38%	± 5%	Jul. 05, 2024	22.1	22.4
834	41.505	0.900	42.320	0.923	1.96%	2.57%	± 5%	Jul. 05, 2024	22.1	22.4
835	41.500	0.900	42.319	0.924	1.97%	2.67%	± 5%	Jul. 05, 2024	22.1	22.4
836.5	41.500	0.902	42.318	0.925	1.97%	2.59%	± 5%	Jul. 05, 2024	22.1	22.4
839	41.500	0.904	42.315	0.927	1.96%	2.51%	± 5%	Jul. 05, 2024	22.1	22.4
841.5	41.500	0.907	42.313	0.928	1.96%	2.32%	± 5%	Jul. 05, 2024	22.1	22.4
844	41.500	0.910	42.310	0.930	1.95%	2.23%	± 5%	Jul. 05, 2024	22.1	22.4
846.2	41.500	0.912	42.317	0.931	1.97%	2.08%	± 5%	Jul. 05, 2024	22.1	22.4
850.8	41.500	0.917	42.312	0.934	1.96%	1.85%	± 5%	Jul. 05, 2024	22.1	22.4
1702.5	40.139	1.344	40.758	1.358	1.54%	1.02%	± 5%	Jul. 06, 2024	22.2	22.5
1712.4	40.125	1.350	40.736	1.365	1.52%	1.12%	± 5%	Jul. 06, 2024	22.2	22.5
1715	40.121	1.351	40.732	1.367	1.52%	1.15%	± 5%	Jul. 06, 2024	22.2	22.5
1717.5	40.118	1.353	40.730	1.368	1.53%	1.12%	± 5%	Jul. 06, 2024	22.2	22.5
1720	40.114	1.354	40.726	1.370	1.52%	1.16%	± 5%	Jul. 06, 2024	22.2	22.5
1724.9	40.107	1.357	40.720	1.373	1.53%	1.17%	± 5%	Jul. 06, 2024	22.2	22.5
1732.4	40.097	1.361	40.701	1.381	1.51%	1.44%	± 5%	Jul. 06, 2024	22.2	22.5
1732.5	40.096	1.361	40.700	1.382	1.51%	1.51%	± 5%	Jul. 06, 2024	22.2	22.5
1734.6	40.093	1.363	40.698	1.383	1.51%	1.50%	± 5%	Jul. 06, 2024	22.2	22.5
1745	40.079	1.369	40.686	1.390	1.52%	1.57%	± 5%	Jul. 06, 2024	22.2	22.5
1750	40.071	1.371	40.680	1.392	1.52%	1.50%	± 5%	Jul. 06, 2024	22.2	22.5
1752.5	40.068	1.373	40.677	1.394	1.52%	1.54%	± 5%	Jul. 06, 2024	22.2	22.5
1752.6	40.068	1.373	40.676	1.395	1.52%	1.61%	± 5%	Jul. 06, 2024	22.2	22.5
1764.2	40.051	1.380	40.663	1.402	1.53%	1.63%	± 5%	Jul. 06, 2024	22.2	22.5
1770	40.043	1.383	40.656	1.405	1.53%	1.60%	± 5%	Jul. 06, 2024	22.2	22.5
1712.4	40.125	1.350	40.710	1.367	1.46%	1.26%	± 5%	Jul. 07, 2024	22.0	22.3
1715	40.121	1.351	40.706	1.369	1.46%	1.30%	± 5%	Jul. 07, 2024	22.0	22.3
1717.5	40.118	1.353	40.704	1.371	1.46%	1.34%	± 5%	Jul. 07, 2024	22.0	22.3
1720	40.114	1.354	40.701	1.373	1.46%	1.38%	± 5%	Jul. 07, 2024	22.0	22.3
1724.9	40.107	1.357	40.695	1.375	1.47%	1.32%	± 5%	Jul. 07, 2024	22.0	22.3
1732.4	40.097	1.361	40.686	1.382	1.47%	1.52%	± 5%	Jul. 07, 2024	22.0	22.3
1732.5	40.096	1.361	40.685	1.383	1.47%	1.58%	± 5%	Jul. 07, 2024	22.0	22.3
1734.6	40.093	1.363	40.684	1.384	1.47%	1.57%	± 5%	Jul. 07, 2024	22.0	22.3
1745	40.079	1.369	40.656	1.391	1.44%	1.64%	± 5%	Jul. 07, 2024	22.0	22.3
1750	40.071	1.371	40.651	1.393	1.45%	1.57%	± 5%	Jul. 07, 2024	22.0	22.3
1752.5	40.068	1.373	40.648	1.395	1.45%	1.61%	± 5%	Jul. 07, 2024	22.0	22.3
1752.6	40.068	1.373	40.647	1.396	1.45%	1.68%	± 5%	Jul. 07, 2024	22.0	22.3
1764.2	40.051	1.380	40.634	1.403	1.46%	1.70%	± 5%	Jul. 07, 2024	22.0	22.3
1770	40.043	1.383	40.627	1.407	1.46%	1.75%	± 5%	Jul. 07, 2024	22.0	22.3
1852.4	40.000	1.400	40.526	1.411	1.32%	0.79%	± 5%	Jul. 08, 2024	21.8	22.2
1860	40.000	1.400	40.515	1.413	1.29%	0.93%	± 5%	Jul. 08, 2024	21.8	22.2
1880	40.000	1.400	40.493	1.416	1.23%	1.14%	± 5%	Jul. 08, 2024	21.8	22.2
1880.2	40.000	1.400	40.492	1.417	1.23%	1.21%	± 5%	Jul. 08, 2024	21.8	22.2
1882.5	40.000	1.400	40.489	1.419	1.22%	1.36%	± 5%	Jul. 08, 2024	21.8	22.2
1900	40.000	1.400	40.480	1.423	1.20%	1.64%	± 5%	Jul. 08, 2024	21.8	22.2
1905	40.000	1.400	40.474	1.425	1.18%	1.79%	± 5%	Jul. 08, 2024	21.8	22.2
1907.6	40.000	1.400	40.471	1.426	1.18%	1.86%	± 5%	Jul. 08, 2024	21.8	22.2

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1880	40.000	1.400	40.473	1.418	1.18%	1.29%	± 5%	Jul. 09, 2024	21.7	22.1
1880.2	40.000	1.400	40.472	1.419	1.18%	1.36%	± 5%	Jul. 09, 2024	21.7	22.1
1882.5	40.000	1.400	40.469	1.421	1.17%	1.50%	± 5%	Jul. 09, 2024	21.7	22.1
1900	40.000	1.400	40.461	1.425	1.15%	1.79%	± 5%	Jul. 09, 2024	21.7	22.1
1905	40.000	1.400	40.465	1.427	1.16%	1.93%	± 5%	Jul. 09, 2024	21.7	22.1
1880	40.000	1.400	40.451	1.419	1.13%	1.36%	± 5%	Jul. 10, 2024	21.9	22.3
1880.2	40.000	1.400	40.450	1.420	1.13%	1.43%	± 5%	Jul. 10, 2024	21.9	22.3
1882.5	40.000	1.400	40.447	1.422	1.12%	1.57%	± 5%	Jul. 10, 2024	21.9	22.3
1900	40.000	1.400	40.436	1.426	1.09%	1.86%	± 5%	Jul. 10, 2024	21.9	22.3
1905	40.000	1.400	40.431	1.428	1.08%	2.00%	± 5%	Jul. 10, 2024	21.9	22.3
2300	39.457	1.667	39.993	1.682	1.36%	0.89%	± 5%	Jul. 11, 2024	22.1	22.5
2310	39.440	1.676	39.981	1.690	1.37%	0.84%	± 5%	Jul. 11, 2024	22.1	22.5
2506	39.125	1.860	39.543	1.874	1.07%	0.77%	± 5%	Jul. 12, 2024	22.1	22.4
2510	39.120	1.864	39.539	1.878	1.07%	0.75%	± 5%	Jul. 12, 2024	22.1	22.4
2525.1	39.100	1.880	39.522	1.892	1.08%	0.63%	± 5%	Jul. 12, 2024	22.1	22.4
2535	39.087	1.891	39.511	1.903	1.09%	0.65%	± 5%	Jul. 12, 2024	22.1	22.4
2544.9	39.073	1.901	39.501	1.912	1.09%	0.57%	± 5%	Jul. 12, 2024	22.1	22.4
2549.5	39.067	1.906	39.495	1.917	1.09%	0.57%	± 5%	Jul. 12, 2024	22.1	22.4
2560	39.053	1.917	39.484	1.928	1.10%	0.56%	± 5%	Jul. 12, 2024	22.1	22.4
2580	39.027	1.939	39.462	1.949	1.12%	0.53%	± 5%	Jul. 12, 2024	22.1	22.4
2590.2	39.013	1.950	39.450	1.960	1.12%	0.54%	± 5%	Jul. 12, 2024	22.1	22.4
2593	39.009	1.953	39.446	1.964	1.12%	0.59%	± 5%	Jul. 12, 2024	22.1	22.4
2595	39.007	1.955	39.443	1.966	1.12%	0.58%	± 5%	Jul. 12, 2024	22.1	22.4
2600	39.000	1.960	39.437	1.971	1.12%	0.56%	± 5%	Jul. 12, 2024	22.1	22.4
2610	38.988	1.971	39.426	1.981	1.12%	0.51%	± 5%	Jul. 12, 2024	22.1	22.4
2636.5	38.954	2.000	39.417	2.007	1.19%	0.34%	± 5%	Jul. 12, 2024	22.1	22.4
2660.2	38.925	2.026	39.391	2.031	1.20%	0.24%	± 5%	Jul. 12, 2024	22.1	22.4
2680	38.900	2.048	39.369	2.052	1.21%	0.20%	± 5%	Jul. 12, 2024	22.1	22.4
2506	39.125	1.860	39.527	1.878	1.03%	0.98%	± 5%	Jul. 19, 2024	21.9	22.2
2510	39.120	1.864	39.522	1.882	1.03%	0.97%	± 5%	Jul. 19, 2024	21.9	22.2
2535	39.087	1.891	39.494	1.907	1.04%	0.86%	± 5%	Jul. 19, 2024	21.9	22.2
2549.5	39.067	1.906	39.479	1.922	1.05%	0.83%	± 5%	Jul. 19, 2024	21.9	22.2
2560	39.053	1.917	39.464	1.933	1.05%	0.82%	± 5%	Jul. 19, 2024	21.9	22.2
2580	39.027	1.939	39.442	1.954	1.06%	0.79%	± 5%	Jul. 19, 2024	21.9	22.2
2593	39.009	1.953	39.429	1.967	1.08%	0.74%	± 5%	Jul. 19, 2024	21.9	22.2
2595	39.007	1.955	39.426	1.969	1.08%	0.73%	± 5%	Jul. 19, 2024	21.9	22.2
2600	39.000	1.960	39.420	1.974	1.08%	0.71%	± 5%	Jul. 19, 2024	21.9	22.2
2610	38.988	1.971	39.398	1.985	1.05%	0.71%	± 5%	Jul. 19, 2024	21.9	22.2
2636.5	38.954	2.000	39.369	2.010	1.06%	0.49%	± 5%	Jul. 19, 2024	21.9	22.2
2680	38.900	2.048	39.321	2.055	1.08%	0.34%	± 5%	Jul. 19, 2024	21.9	22.2
2510	39.120	1.864	39.511	1.885	1.00%	1.13%	± 5%	Jul. 20, 2024	22.0	22.3
2535	39.087	1.891	39.483	1.910	1.01%	1.02%	± 5%	Jul. 20, 2024	22.0	22.3
2546.01	39.072	1.902	39.461	1.922	1.00%	1.03%	± 5%	Jul. 20, 2024	22.0	22.3
2560	39.053	1.917	39.446	1.936	1.01%	0.97%	± 5%	Jul. 20, 2024	22.0	22.3
2580	39.027	1.939	39.424	1.957	1.02%	0.95%	± 5%	Jul. 20, 2024	22.0	22.3
2592.99	39.009	1.953	39.410	1.969	1.03%	0.84%	± 5%	Jul. 20, 2024	22.0	22.3
2595	39.007	1.955	39.408	1.972	1.03%	0.89%	± 5%	Jul. 20, 2024	22.0	22.3
2600	39.000	1.960	39.402	1.977	1.03%	0.87%	± 5%	Jul. 20, 2024	22.0	22.3
2610	38.988	1.971	39.391	1.988	1.03%	0.86%	± 5%	Jul. 20, 2024	22.0	22.3
2640	38.950	2.004	39.358	2.020	1.05%	0.80%	± 5%	Jul. 20, 2024	22.0	22.3

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Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
2510	39.120	1.864	39.467	1.890	0.89%	1.39%	± 5%	Jul. 21, 2024	22.1	22.5
2525.1	39.100	1.880	39.450	1.905	0.90%	1.32%	± 5%	Jul. 21, 2024	22.1	22.5
2535	39.087	1.891	39.439	1.916	0.90%	1.34%	± 5%	Jul. 21, 2024	22.1	22.5
2544.9	39.073	1.901	39.430	1.925	0.91%	1.25%	± 5%	Jul. 21, 2024	22.1	22.5
2549.5	39.067	1.906	39.424	1.930	0.91%	1.25%	± 5%	Jul. 21, 2024	22.1	22.5
2560	39.053	1.917	39.412	1.941	0.92%	1.23%	± 5%	Jul. 21, 2024	22.1	22.5
2580	39.027	1.939	39.390	1.961	0.93%	1.15%	± 5%	Jul. 21, 2024	22.1	22.5
2590.2	39.013	1.950	39.379	1.972	0.94%	1.15%	± 5%	Jul. 21, 2024	22.1	22.5
2593	39.009	1.953	39.376	1.975	0.94%	1.15%	± 5%	Jul. 21, 2024	22.1	22.5
2595	39.007	1.955	39.374	1.977	0.94%	1.14%	± 5%	Jul. 21, 2024	22.1	22.5
2600	39.000	1.960	39.369	1.982	0.95%	1.12%	± 5%	Jul. 21, 2024	22.1	22.5
2610	38.988	1.971	39.358	1.987	0.95%	0.81%	± 5%	Jul. 21, 2024	22.1	22.5
2636.5	38.954	2.000	39.328	2.014	0.96%	0.69%	± 5%	Jul. 21, 2024	22.1	22.5
2660.2	38.925	2.026	39.302	2.038	0.97%	0.58%	± 5%	Jul. 21, 2024	22.1	22.5
2680	38.900	2.048	39.281	2.059	0.98%	0.54%	± 5%	Jul. 21, 2024	22.1	22.5
2535	39.087	1.891	39.416	1.920	0.84%	1.55%	± 5%	Jul. 22, 2024	21.8	22.3
2546.01	39.072	1.902	39.405	1.931	0.85%	1.50%	± 5%	Jul. 22, 2024	21.8	22.3
2560	39.053	1.917	39.391	1.945	0.86%	1.44%	± 5%	Jul. 22, 2024	21.8	22.3
2580	39.027	1.939	39.369	1.965	0.88%	1.36%	± 5%	Jul. 22, 2024	21.8	22.3
2592.99	39.009	1.953	39.355	1.978	0.89%	1.30%	± 5%	Jul. 22, 2024	21.8	22.3
2595	39.007	1.955	39.353	1.981	0.89%	1.35%	± 5%	Jul. 22, 2024	21.8	22.3
2600	39.000	1.960	39.347	1.986	0.89%	1.33%	± 5%	Jul. 22, 2024	21.8	22.3
2610	38.988	1.971	39.336	1.996	0.89%	1.27%	± 5%	Jul. 22, 2024	21.8	22.3
2640	38.950	2.004	39.302	2.026	0.90%	1.10%	± 5%	Jul. 22, 2024	21.8	22.3
2738.79	38.827	2.113	39.192	2.154	0.94%	1.96%	± 5%	Jul. 22, 2024	21.8	22.3
2510	39.120	1.864	39.426	1.898	0.78%	1.82%	± 5%	Jul. 23, 2024	21.7	22.1
2535	39.087	1.891	39.398	1.923	0.80%	1.71%	± 5%	Jul. 23, 2024	21.7	22.1
2549.5	39.067	1.906	39.382	1.937	0.81%	1.62%	± 5%	Jul. 23, 2024	21.7	22.1
2560	39.053	1.917	39.370	1.948	0.81%	1.60%	± 5%	Jul. 23, 2024	21.7	22.1
2580	39.027	1.939	39.348	1.968	0.82%	1.51%	± 5%	Jul. 23, 2024	21.7	22.1
2593	39.009	1.953	39.335	1.981	0.83%	1.46%	± 5%	Jul. 23, 2024	21.7	22.1
2595	39.007	1.955	39.332	1.983	0.83%	1.45%	± 5%	Jul. 23, 2024	21.7	22.1
2600	39.000	1.960	39.327	1.988	0.84%	1.43%	± 5%	Jul. 23, 2024	21.7	22.1
2610	38.988	1.971	39.316	1.998	0.84%	1.37%	± 5%	Jul. 23, 2024	21.7	22.1
2636.5	38.954	2.000	39.286	2.024	0.85%	1.19%	± 5%	Jul. 23, 2024	21.7	22.1
2680	38.900	2.048	39.238	2.068	0.87%	0.98%	± 5%	Jul. 23, 2024	21.7	22.1
2535	39.087	1.891	39.380	1.926	0.75%	1.87%	± 5%	Jul. 24, 2024	21.9	22.2
2546.01	39.072	1.902	39.368	1.937	0.76%	1.82%	± 5%	Jul. 24, 2024	21.9	22.2
2560	39.053	1.917	39.353	1.961	0.77%	2.28%	± 5%	Jul. 24, 2024	21.9	22.2
2580	39.027	1.939	39.331	1.981	0.78%	2.18%	± 5%	Jul. 24, 2024	21.9	22.2
2592.99	39.009	1.953	39.317	1.995	0.79%	2.18%	± 5%	Jul. 24, 2024	21.9	22.2
2595	39.007	1.955	39.314	1.997	0.79%	2.17%	± 5%	Jul. 24, 2024	21.9	22.2
2600	39.000	1.960	39.309	2.002	0.79%	2.14%	± 5%	Jul. 24, 2024	21.9	22.2
2640	38.950	2.004	39.265	2.043	0.81%	1.95%	± 5%	Jul. 24, 2024	21.9	22.2

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Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
3410	38.008	2.818	38.454	2.862	1.17%	1.55%	± 5%	Jul. 25, 2024	22.0	22.4
3460	37.948	2.869	38.399	2.911	1.19%	1.46%	± 5%	Jul. 25, 2024	22.0	22.4
3479.8	37.924	2.889	38.377	2.931	1.19%	1.44%	± 5%	Jul. 25, 2024	22.0	22.4
3499.995	37.900	2.910	38.354	2.953	1.20%	1.48%	± 5%	Jul. 25, 2024	22.0	22.4
3500	37.900	2.910	38.353	2.954	1.20%	1.51%	± 5%	Jul. 25, 2024	22.0	22.4
3500.01	37.900	2.910	38.352	2.955	1.19%	1.55%	± 5%	Jul. 25, 2024	22.0	22.4
3509	37.891	2.919	38.341	2.964	1.19%	1.53%	± 5%	Jul. 25, 2024	22.0	22.4
3537.51	37.862	2.949	38.300	2.993	1.16%	1.49%	± 5%	Jul. 25, 2024	22.0	22.4
3541	37.859	2.953	38.295	2.996	1.15%	1.47%	± 5%	Jul. 25, 2024	22.0	22.4
3560	37.840	2.972	38.274	3.015	1.15%	1.43%	± 5%	Jul. 25, 2024	22.0	22.4
3570	37.830	2.983	38.263	3.025	1.14%	1.41%	± 5%	Jul. 25, 2024	22.0	22.4
3575.01	37.825	2.988	38.257	3.031	1.14%	1.44%	± 5%	Jul. 25, 2024	22.0	22.4
3590	37.810	3.004	38.240	3.046	1.14%	1.41%	± 5%	Jul. 25, 2024	22.0	22.4
3410	38.008	2.818	38.426	2.864	1.10%	1.63%	± 5%	Jul. 26, 2024	22.2	22.5
3460	37.948	2.869	38.371	2.914	1.11%	1.56%	± 5%	Jul. 26, 2024	22.2	22.5
3499.995	37.900	2.910	38.327	2.954	1.13%	1.51%	± 5%	Jul. 26, 2024	22.2	22.5
3500	37.900	2.910	38.326	2.955	1.12%	1.55%	± 5%	Jul. 26, 2024	22.2	22.5
3500.01	37.900	2.910	38.325	2.956	1.12%	1.58%	± 5%	Jul. 26, 2024	22.2	22.5
3509	37.891	2.919	38.315	2.966	1.12%	1.60%	± 5%	Jul. 26, 2024	22.2	22.5
3537.51	37.862	2.949	38.273	2.995	1.08%	1.56%	± 5%	Jul. 26, 2024	22.2	22.5
3541	37.859	2.953	38.269	2.999	1.08%	1.57%	± 5%	Jul. 26, 2024	22.2	22.5
3560	37.840	2.972	38.248	3.018	1.08%	1.53%	± 5%	Jul. 26, 2024	22.2	22.5
3570	37.830	2.983	38.237	3.028	1.08%	1.52%	± 5%	Jul. 26, 2024	22.2	22.5
3575	37.825	2.988	38.232	3.032	1.08%	1.47%	± 5%	Jul. 26, 2024	22.2	22.5
3575.01	37.825	2.988	38.231	3.033	1.07%	1.51%	± 5%	Jul. 26, 2024	22.2	22.5
3590	37.810	3.004	38.214	3.049	1.07%	1.51%	± 5%	Jul. 26, 2024	22.2	22.5
3460	37.948	2.869	38.352	2.918	1.06%	1.70%	± 5%	Jul. 27, 2024	22.3	22.6
3479.8	37.924	2.889	38.331	2.937	1.07%	1.65%	± 5%	Jul. 27, 2024	22.3	22.6
3500	37.900	2.910	38.309	2.959	1.08%	1.68%	± 5%	Jul. 27, 2024	22.3	22.6
3509	37.891	2.919	38.298	2.970	1.07%	1.73%	± 5%	Jul. 27, 2024	22.3	22.6
3541	37.859	2.953	38.252	3.003	1.04%	1.71%	± 5%	Jul. 27, 2024	22.3	22.6
3560	37.840	2.972	38.231	3.022	1.03%	1.67%	± 5%	Jul. 27, 2024	22.3	22.6
3590	37.810	3.004	38.198	3.053	1.03%	1.64%	± 5%	Jul. 27, 2024	22.3	22.6
3500	37.900	2.910	38.296	2.961	1.04%	1.75%	± 5%	Jul. 28, 2024	22.1	22.4
3500.01	37.900	2.910	38.295	2.962	1.04%	1.79%	± 5%	Jul. 28, 2024	22.1	22.4
3537.51	37.862	2.949	38.254	3.001	1.03%	1.76%	± 5%	Jul. 28, 2024	22.1	22.4
3570	37.830	2.983	38.228	3.034	1.05%	1.72%	± 5%	Jul. 28, 2024	22.1	22.4
3575.01	37.825	2.988	38.223	3.039	1.05%	1.71%	± 5%	Jul. 28, 2024	22.1	22.4
3460	37.948	2.869	38.335	2.923	1.02%	1.88%	± 5%	Jul. 29, 2027	21.9	22.3
3500	37.900	2.910	38.291	2.964	1.03%	1.86%	± 5%	Jul. 29, 2027	21.9	22.3
3509	37.891	2.919	38.281	2.973	1.03%	1.84%	± 5%	Jul. 29, 2027	21.9	22.3
3541	37.859	2.953	38.235	3.005	0.99%	1.77%	± 5%	Jul. 29, 2027	21.9	22.3
3560	37.840	2.972	38.214	3.024	0.99%	1.74%	± 5%	Jul. 29, 2027	21.9	22.3
3590	37.810	3.004	38.181	3.055	0.98%	1.71%	± 5%	Jul. 29, 2027	21.9	22.3
3500	37.900	2.910	38.282	2.966	1.01%	1.92%	± 5%	Jul. 30, 2024	22.0	22.4
3500.01	37.900	2.910	38.281	2.967	1.01%	1.96%	± 5%	Jul. 30, 2024	22.0	22.4
3537.51	37.862	2.949	38.240	3.004	1.00%	1.86%	± 5%	Jul. 30, 2024	22.0	22.4
3570	37.830	2.983	38.204	3.037	0.99%	1.82%	± 5%	Jul. 30, 2024	22.0	22.4
3575.01	37.825	2.988	38.198	3.042	0.99%	1.81%	± 5%	Jul. 30, 2024	22.0	22.4

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3609	37.791	3.023	38.168	3.078	1.00%	1.81%	± 5%	Jul. 31, 2024	22.2	22.6
3609.8	37.790	3.024	38.167	3.079	1.00%	1.81%	± 5%	Jul. 31, 2024	22.2	22.6
3612.51	37.787	3.027	38.163	3.082	0.99%	1.82%	± 5%	Jul. 31, 2024	22.2	22.6
3615.1	37.785	3.030	38.160	3.085	0.99%	1.83%	± 5%	Jul. 31, 2024	22.2	22.6
3625.02	37.775	3.040	38.149	3.096	0.99%	1.84%	± 5%	Jul. 31, 2024	22.2	22.6
3634.9	37.765	3.050	38.140	3.105	0.99%	1.79%	± 5%	Jul. 31, 2024	22.2	22.6
3641	37.759	3.057	38.132	3.112	0.99%	1.81%	± 5%	Jul. 31, 2024	22.2	22.6
3650.01	37.750	3.066	38.122	3.121	0.99%	1.79%	± 5%	Jul. 31, 2024	22.2	22.6
3660	37.740	3.076	38.111	3.132	0.98%	1.81%	± 5%	Jul. 31, 2024	22.2	22.6
3662.5	37.738	3.079	38.108	3.134	0.98%	1.79%	± 5%	Jul. 31, 2024	22.2	22.6
3665	37.735	3.082	38.105	3.137	0.98%	1.80%	± 5%	Jul. 31, 2024	22.2	22.6
3679.98	37.720	3.097	38.089	3.152	0.98%	1.77%	± 5%	Jul. 31, 2024	22.2	22.6
3684.8	37.715	3.102	38.084	3.157	0.98%	1.77%	± 5%	Jul. 31, 2024	22.2	22.6
3690	37.710	3.108	38.078	3.162	0.98%	1.75%	± 5%	Jul. 31, 2024	22.2	22.6
3700	37.700	3.118	38.067	3.173	0.97%	1.76%	± 5%	Jul. 31, 2024	22.2	22.6
3709.8	37.690	3.128	38.056	3.184	0.97%	1.78%	± 5%	Jul. 31, 2024	22.2	22.6
3746.88	37.653	3.167	38.004	3.231	0.93%	2.03%	± 5%	Jul. 31, 2024	22.2	22.6
3750	37.650	3.170	38.001	3.234	0.93%	2.02%	± 5%	Jul. 31, 2024	22.2	22.6
3612.51	37.787	3.027	38.149	3.084	0.96%	1.88%	± 5%	Aug. 01, 2024	22.1	22.4
3625.02	37.775	3.040	38.135	3.098	0.95%	1.91%	± 5%	Aug. 01, 2024	22.1	22.4
3641	37.759	3.057	38.118	3.114	0.95%	1.88%	± 5%	Aug. 01, 2024	22.1	22.4
3650.01	37.750	3.066	38.108	3.123	0.95%	1.86%	± 5%	Aug. 01, 2024	22.1	22.4
3660	37.740	3.076	38.097	3.133	0.95%	1.84%	± 5%	Aug. 01, 2024	22.1	22.4
3679.98	37.720	3.097	38.075	3.154	0.94%	1.83%	± 5%	Aug. 01, 2024	22.1	22.4
3690	37.710	3.108	38.064	3.164	0.94%	1.81%	± 5%	Aug. 01, 2024	22.1	22.4
3700	37.700	3.118	38.053	3.175	0.94%	1.83%	± 5%	Aug. 01, 2024	22.1	22.4
3750	37.650	3.170	37.998	3.236	0.92%	2.08%	± 5%	Aug. 01, 2024	22.1	22.4
3795	37.605	3.217	37.949	3.281	0.91%	2.00%	± 5%	Aug. 01, 2024	22.1	22.4
3625.02	37.775	3.040	38.113	3.101	0.89%	2.01%	± 5%	Aug. 02, 2024	22.2	22.5
3650.01	37.750	3.066	38.085	3.127	0.89%	1.99%	± 5%	Aug. 02, 2024	22.2	22.5
3679.98	37.720	3.097	38.052	3.157	0.88%	1.93%	± 5%	Aug. 02, 2024	22.2	22.5
3690	37.710	3.108	38.041	3.167	0.88%	1.91%	± 5%	Aug. 02, 2024	22.2	22.5
3700	37.700	3.118	38.030	3.178	0.88%	1.92%	± 5%	Aug. 02, 2024	22.2	22.5
3709.8	37.690	3.128	38.018	3.186	0.87%	1.85%	± 5%	Aug. 02, 2024	22.2	22.5
3746.88	37.653	3.167	37.966	3.233	0.83%	2.09%	± 5%	Aug. 02, 2024	22.2	22.5
3750	37.650	3.170	37.961	3.238	0.83%	2.15%	± 5%	Aug. 02, 2024	22.2	22.5
3795	37.605	3.217	37.913	3.283	0.82%	2.06%	± 5%	Aug. 02, 2024	22.2	22.5
3609.8	37.790	3.024	38.113	3.102	0.85%	2.57%	± 5%	Aug. 03, 2024	22.1	22.5
3615.1	37.785	3.030	38.107	3.107	0.85%	2.55%	± 5%	Aug. 03, 2024	22.1	22.5
3634.9	37.765	3.050	38.085	3.125	0.85%	2.45%	± 5%	Aug. 03, 2024	22.1	22.5
3641	37.759	3.057	38.078	3.131	0.84%	2.43%	± 5%	Aug. 03, 2024	22.1	22.5
3660	37.740	3.076	38.057	3.140	0.84%	2.07%	± 5%	Aug. 03, 2024	22.1	22.5
3662.5	37.738	3.079	38.054	3.142	0.84%	2.05%	± 5%	Aug. 03, 2024	22.1	22.5
3665	37.735	3.082	38.051	3.145	0.84%	2.06%	± 5%	Aug. 03, 2024	22.1	22.5
3684.8	37.715	3.102	38.028	3.164	0.83%	1.99%	± 5%	Aug. 03, 2024	22.1	22.5
3690	37.710	3.108	38.022	3.169	0.83%	1.98%	± 5%	Aug. 03, 2024	22.1	22.5
3700	37.700	3.118	38.011	3.181	0.82%	2.02%	± 5%	Aug. 03, 2024	22.1	22.5
3840	37.560	3.264	37.846	3.324	0.76%	1.85%	± 5%	Aug. 03, 2024	22.0	22.4
3849.9	37.550	3.274	37.835	3.333	0.76%	1.81%	± 5%	Aug. 03, 2024	22.0	22.4
3885	37.515	3.310	37.796	3.368	0.75%	1.74%	± 5%	Aug. 03, 2024	22.0	22.4
3900	37.500	3.326	37.780	3.384	0.75%	1.74%	± 5%	Aug. 03, 2024	22.0	22.4
3930	37.470	3.357	37.747	3.415	0.74%	1.72%	± 5%	Aug. 03, 2024	22.0	22.4

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3.4 The composition of the tissue simulating liquid:

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

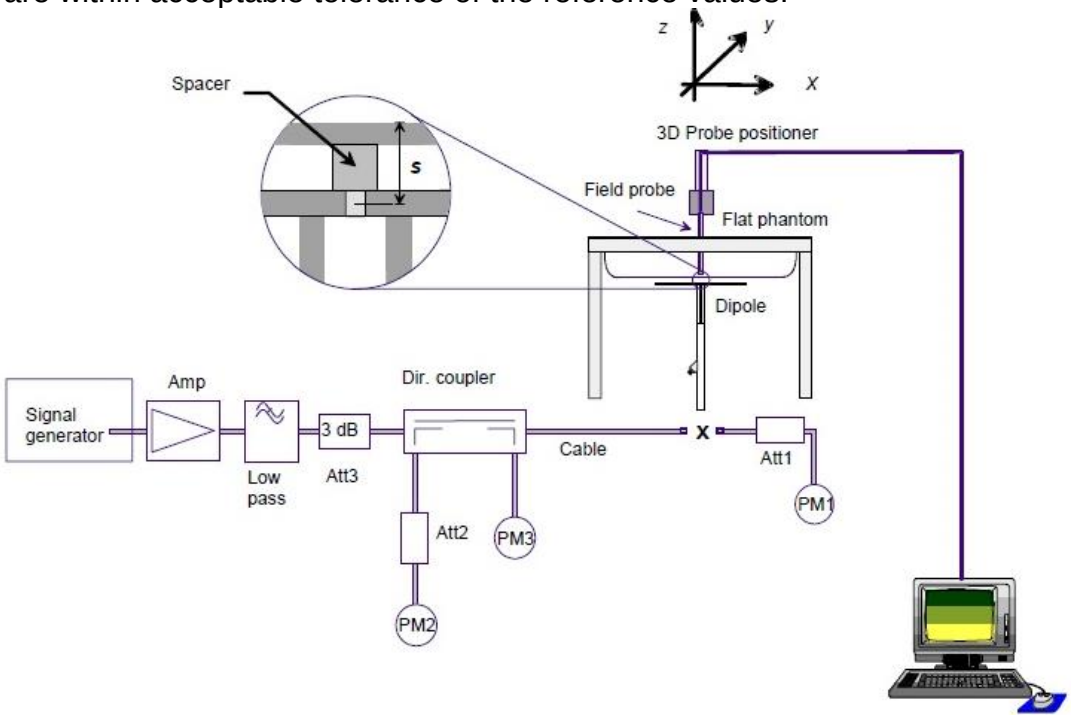
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

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	8.63	2.17	8.68	0.58	± 10%	Jul.03,2024
D835V2	4d063	835	9.53	2.4	9.6	0.73	± 10%	Jul.04,2024
D1750V2	1008	1750	36.4	8.88	35.52	-2.42	± 10%	Jul.06,2024
D1900V2	5d173	1900	39.9	10.2	40.8	2.26	± 10%	Jul.08,2024
D2300V2	1009	2300	50.6	12.1	48.4	-4.35	± 10%	Jul.11,2024
D2600V2	1005	2600	56	14.3	57.2	2.14	± 10%	Jul.12,2024
D2600V2	1005	2600	56	14.2	56.8	1.43	± 10%	Jul.19,2024
D2600V2	1005	2600	56	14.1	56.4	0.71	± 10%	Jul.20,2024
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	65.8	6.67	66.7	1.37	± 10%	Jul.25,2024
D3500V2	1009	3500	65.8	6.59	65.9	0.15	± 10%	Jul.26,2024
D3700V2	1057	3700	67.7	6.8	68	0.44	± 10%	Jul.31,2024
D3900V2	1032	3900	67.9	6.91	69.1	1.77	± 10%	Aug.03,2024

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4 TEST CONFIGURATIONS

4.1 Test Environment

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

4.2 Test Note

General: Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s).

- **General:** The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
- **General:** During the SAR testing, the DASY system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
- **General:** According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is ≤ 0.8 W/kg, when the transmission band is ≤ 100 MHz.
- **General:** According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is ≥ 0.8 W/kg, repeated that measurement once. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- **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 ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.
- When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation

- The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.

c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for QPSK with 100% RB allocation

- For QPSK with 100% RB allocation, SAR is not required when the highest

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

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

d. Per Section 5.2.4, Higher order modulations

- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is > ½ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

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

- For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section 5.2 to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is > ½ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.
- TDD LTE was tested at highest duty factor using UL-DL configuration 0 with 6 UL subframes and 2 special subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4.2, the duty factor for UL-DL configuration 0/special subframe configuration 6 using extended cyclic prefix is 0.633.

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

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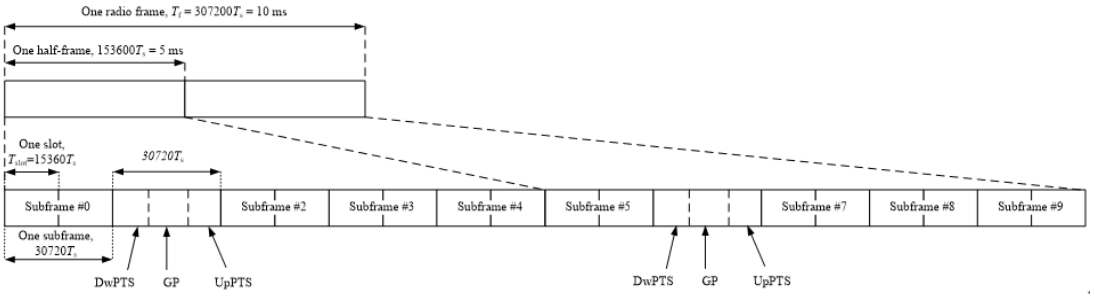

Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

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

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

Table 4.2-2: Uplink-downlink configurations

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

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

- **LTE downlink CA:** The device supports the carrier aggregation in the downlink. All uplink communications are identical to the Release 8 specifications. Uplink maximum

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output power is measured with downlink carrier aggregation active, only for the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive. The downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements. The nominal channel spacing is determined by [BW1 + BW2 – 0.1*|BW1 – BW2|]/2 MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration. The downlink PCC channel should be paired with the uplink channel according to normal configurations, as if there is no carrier aggregation. The downlink SCC should be adjacent to the PCC and remain within the downlink transmission band for contiguous intra-band CA. For non-contiguous intra-band CA, the SCC should be selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band. For inter-band CA, the SCC should be near the middle of its transmission band. When downlink carrier aggregation is active uplink maximum output power remain within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

- **LTE intra-band UL CA (contiguous):** The device supports LTE intra-band contiguous UL CA. The maximum output power is measured for each UL CA configuration for the required test channels. UL PCC configuration is determined by the required test channel. SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band. SAR for UL CA is required in highest standalone head/body test position and frequency band combination. Since the maximum output for UL CA is ≦ standalone LTE mode (without CA), PCC is configured according to the highest standalone SAR configuration tested, SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.
- **5G NR:** SAR tests for NR bands and LTE anchor bands were performed separately due to limitations in SAR probe calibration factor. Due to test setup limitation, SAR testing for NR was performed using factory test mode software to establish the connection.
- **5G NR:** 5G NR Power/SAR procedure is similar with KDB 941225 D05. **a.** For power measurement reduction of DFT-s-OFDM and CP-OFDM, CP-OFDM will not higher than DFT-OFDM based on 3GPP MPR table, so CP-OFDM QPSK power measurement is spot check for 1RB allocation/1 RB offset configuration to ensure the output power will not ½ dB higher than Pi/2 BPSK and QPSK. **b.** For power measurement reduction of DFT-s-OFDM, 16QAM/64QAM/256QAM will not higher than Pi/2 BPSK and QPSK based on 3GPP MPR table, so Pi/2 BPSK and QPSK are measured fully, and 16QAM is spot check 1RB allocation/1 RB offset configuration to ensure the output power will not ½ dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to

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ensure output power will not ½ dB higher than largest supported bandwidth. **c.** SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. **d.** 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure. **e.** QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested. **f.** 16QAM/64QAM/256QAM output powers according to 3GPP MPR will not ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, 16QAM/64QAM/256QAM SAR testing are not required. **g.** Smaller bandwidth output power for each RB allocation configuration for this device will not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device.

- **Test exclusion for NFC:** Based on KDB447498D01v06 4.3.1 c), SAR test exclusion threshold for NFC (13.56MHz) shall be evaluated as below,

a)For test separation distances<=50 mm, the power threshold determined by the equation in 4.3.1 c) 1) for 50 mm and 100 MHz is multiplied by ½
b)The power threshold at 50mm/100 MHz in 4.3.1 b) is multiplied by [1 + log(100/f(MHz))] where f is 13.56MHz
c)The power threshold in 4.3.1 b) is [Power allowed at numeric threshold for 50 mm in 4.3.1 a)] + [(test separation distance – 50 mm)·(f(MHz)/150)] mW, for 100 MHz to 1500 MHz where test separation distance is 50mm, frequency is 100MHz.
d)Power allowed at numeric threshold for 50 mm in 4.3.1 a) is [3/(f(GHz)^(1/2))]·(test separation distance)
Hence, SAR test exclusion threshold is calculated in reverse sequence:
d) : [3/√0.1]·50 = 474.3416mW
c) : 474.3416 + (50-50)·(100/150) = 474.3416mW
b) : 474.3416·[1+log(100/13.56)] = 885.9469mW
a) : 885.9469 · 0.5 = 442.973mW
So the SAR test exclusion power threshold for NFC(13.56MHz) is 442.974mW(equal to 26.464dBm). Also, the maximum power of NFC is -57.69dBm (converted from 17.47 dBuV/m at 30m) and it is far below the exclusion threshold (26.464dBm), so SAR test for NFC can be excluded.

Frequency (MHz)	E-FIELD dBuV/m	Test Distance (m)	EIRP (dBm)	EIRP (mW)	Threshold (mW)
13.56	17.47	30	-57.68757	0.0000017	442.973

- **Estimated SAR for NFC**: Based on KDB447498D01v06 4.3.2 b), when an antenna qualifies for the standalone SAR test exclusion of 4.3.1 and also transmits simultaneously with other antennas, the standalone SAR value must be estimated

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according to the following to determine the simultaneous transmission SAR test exclusion criteria:
1) [(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)]·[(f(GHz)/x)^(1/2)] W/kg, for test separation distances <= 50 mm, where x = 7.5 for 1-g SAR and x = 18.75 for 10-g SAR.
Using the most conservative test separation distance 5mm, so the estimated 1g-SAR for NFC would be 0.000.
[0.0000017/5]·[√0.01356/7.5] =0.00000000528860 W/kg

- LTE band 43 SAR test was covered by Band 48 based on the following guidance from April 2015 TCB workshop,

SAR test for overlapping LTE bands can be reduced if
– the maximum output power, including tolerance, for the smaller band must be ≤ the larger band to qualify for the SAR test exclusion
– the channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band

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4.3 Test position

Laptop mode SAR test position (0mm)

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

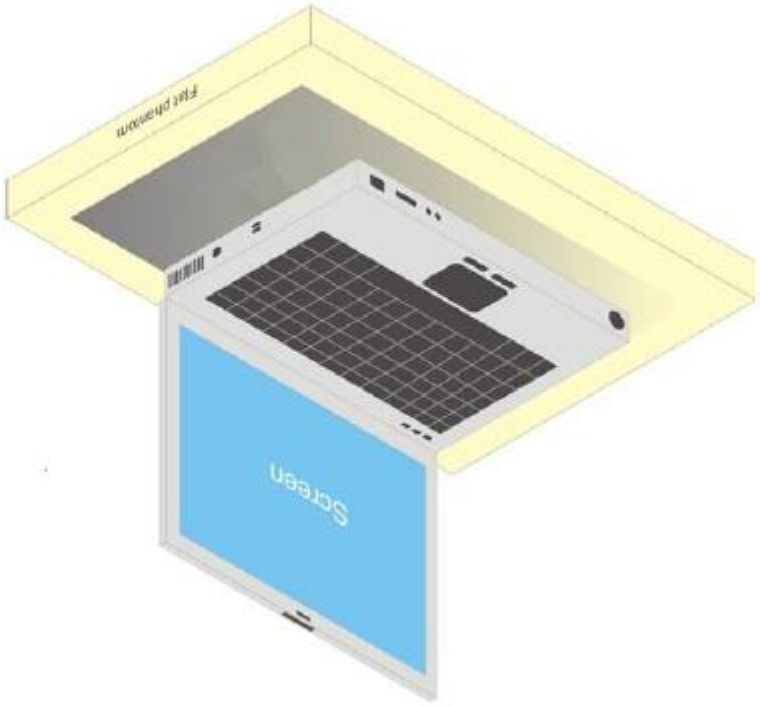

Illustration for Laptop Setup

For Laptop mode, WWAN SAR is measured based on KDB 616217 D04, and WLAN SAR is referred to Intel module SAR level.

(For BE200NGW, refer to Report No.: 230526-08.TR13, 230526-08.TR21, 230526-08.TR12)
(For AX211NGW, refer to Report No.: 200611-01.TR07, 210209-01.TR10, 200611-01.TR40)

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4.4 Test limit

§ 2.1093(d)(1)
Applications for equipment authorization of portable RF sources subject to routine environmental evaluation must contain a statement confirming compliance with the limits specified in § 1.1310 as part of their application. Technical information showing the basis for this statement must be submitted to the Commission upon request. The SAR limits specified in § 1.1310(a) through (c) of this chapter shall be used for evaluation of portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to § 1.1310(e)(1). A minimum separation distance applicable to the operating configurations and exposure conditions of the device shall be used for the evaluation. In general, maximum time-averaged power levels must be used for evaluation. All unlicensed personal communications service (PCS) devices and unlicensed NII devices shall be subject to the limits for general population/uncontrolled exposure.
Radiofrequency radiation exposure limits.
§ 1.1310(a)
Specific absorption rate (SAR) shall be used to evaluate the environmental impact of human exposure to radiofrequency (RF) radiation as specified in § 1.1307(b) within the frequency range of 100 kHz to 6 GHz (inclusive).
§ 1.1310(b)
The SAR limits for occupational/controlled exposure are 0.4 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 8 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit for occupational/controlled exposure is 20 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 6 minutes to determine compliance with occupational/controlled SAR limits.
§ 1.1310(c)
The SAR limits for general population/uncontrolled exposure are 0.08 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 1.6 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit is 4 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 30 minutes to determine compliance with general population/uncontrolled SAR limits.

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

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

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

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

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

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5 MAXIMUM OUTPUT POWER

5.1 WCDMA

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	24.23	24.14	23.78
3GPP Rel 5	HSDPA Subtest-1	23.32	23.10	22.70
	HSDPA Subtest-2	23.27	23.12	22.66
	HSDPA Subtest-3	22.78	22.63	22.21
	HSDPA Subtest-4	22.72	22.54	22.28
3GPP Rel 6	HSUPA Subtest-1	23.01	22.96	22.64
	HSUPA Subtest-2	21.00	21.05	20.53
	HSUPA Subtest-3	22.06	21.95	21.58
	HSUPA Subtest-4	21.18	20.96	20.62
	HSUPA Subtest-5	23.12	23.11	22.71
3GPP Rel 7	HSPA+	20.59	20.45	20.13
3GPP Rel 8	DC-HSDPA Subtest-1	23.15	22.98	22.57
	DC-HSDPA Subtest-2	23.03	22.88	22.65
	DC-HSDPA Subtest-3	22.70	22.55	22.17
	DC-HSDPA Subtest-4	22.61	22.39	22.08
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	24.23	24.48	24.46
3GPP Rel 5	HSDPA Subtest-1	23.01	23.29	23.40
	HSDPA Subtest-2	23.04	23.42	23.26
	HSDPA Subtest-3	22.49	22.72	22.74
	HSDPA Subtest-4	22.50	22.70	22.82
3GPP Rel 6	HSUPA Subtest-1	23.02	23.33	23.38
	HSUPA Subtest-2	20.99	21.39	21.30
	HSUPA Subtest-3	22.06	22.33	22.32
	HSUPA Subtest-4	21.04	21.28	21.37
	HSUPA Subtest-5	23.13	23.26	23.37
3GPP Rel 7	HSPA+	20.54	20.85	20.69
3GPP Rel 8	DC-HSDPA Subtest-1	23.06	23.28	23.36
	DC-HSDPA Subtest-2	23.11	23.31	23.34
	DC-HSDPA Subtest-3	22.55	22.76	22.79
	DC-HSDPA Subtest-4	22.68	22.74	22.81

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Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**24.50**		
3GPP Rel 99	RMC 12.2Kbps	24.13	24.04	24.01
3GPP Rel 5	HSDPA Subtest-1	22.92	22.77	22.92
	HSDPA Subtest-2	22.91	22.94	22.85
	HSDPA Subtest-3	22.38	22.31	22.38
	HSDPA Subtest-4	22.53	22.35	22.47
3GPP Rel 6	HSUPA Subtest-1	22.86	22.89	22.86
	HSUPA Subtest-2	20.90	20.86	20.81
	HSUPA Subtest-3	21.92	21.87	21.92
	HSUPA Subtest-4	21.00	20.90	20.95
	HSUPA Subtest-5	22.97	22.93	22.72
3GPP Rel 7	HSPA+	20.56	20.26	20.44
3GPP Rel 8	DC-HSDPA Subtest-1	22.87	22.89	22.89
	DC-HSDPA Subtest-2	23.03	22.81	22.92
	DC-HSDPA Subtest-3	22.45	22.39	22.38
	DC-HSDPA Subtest-4	22.47	22.44	22.38

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5.2 FDD LTE

Aux 2

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	23.48	23.61	23.43	24.00	0
		1	50	23.34	23.45	23.32	24.00	0
		1	99	23.38	23.51	23.26	24.00	0
		50	0	22.34	22.56	22.40	23.00	1
		50	25	22.39	22.43	22.28	23.00	1
		50	50	22.33	22.58	22.22	23.00	1
		100	0	22.20	22.52	22.23	23.00	1
20	16-QAM	1	0	22.30	22.48	22.26	23.00	1
		1	50	22.38	22.44	22.26	23.00	1
		1	99	22.43	22.46	22.20	23.00	1
		50	0	21.33	21.40	21.36	22.00	2
		50	25	21.30	21.53	21.24	22.00	2
		50	50	21.35	21.36	21.20	22.00	2
		100	0	21.22	21.44	21.21	22.00	2
20	64-QAM	1	0	21.43	21.56	21.16	22.00	2
		1	50	21.33	21.40	21.28	22.00	2
		1	99	21.32	21.43	21.31	22.00	2
		50	0	20.32	20.37	20.31	21.00	3
		50	25	20.40	20.36	20.38	21.00	3
		50	50	20.25	20.34	20.20	21.00	3
		100	0	20.34	20.41	20.35	21.00	3
20	256-QAM	1	0	20.40	20.54	20.36	21.00	3
		1	50	20.46	20.53	20.29	21.00	3
		1	99	20.36	20.47	20.22	21.00	3
		50	0	19.26	19.48	19.32	20.00	4
		50	25	19.26	19.41	19.29	20.00	4
		50	50	19.26	19.43	19.20	20.00	4
		100	0	19.35	19.58	19.30	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	23.20	23.50	23.40	24.00	0
		1	36	23.28	23.43	23.23	24.00	0
		1	74	23.45	23.42	23.22	24.00	0
		36	0	22.37	22.51	22.29	23.00	1
		36	18	22.38	22.57	22.36	23.00	1
		36	37	22.31	22.54	22.32	23.00	1
		75	0	22.39	22.50	22.27	23.00	1
15	16-QAM	1	0	22.40	22.53	22.38	23.00	1
		1	36	22.34	22.51	22.27	23.00	1
		1	74	22.31	22.49	22.33	23.00	1
		36	0	21.31	21.57	21.27	22.00	2
		36	18	21.36	21.41	21.36	22.00	2
		36	37	21.43	21.42	21.19	22.00	2
		75	0	21.32	21.43	21.29	22.00	2
15	64-QAM	1	0	21.29	21.43	21.15	22.00	2
		1	36	21.34	21.44	21.30	22.00	2
		1	74	21.33	21.47	21.17	22.00	2
		36	0	20.31	20.34	20.31	21.00	3
		36	18	20.24	20.46	20.26	21.00	3
		36	37	20.33	20.41	20.18	21.00	3
		75	0	20.28	20.49	20.28	21.00	3
15	256-QAM	1	0	20.32	20.40	20.23	21.00	3
		1	36	20.29	20.46	20.27	21.00	3
		1	74	20.31	20.35	20.23	21.00	3
		36	0	19.32	19.46	19.26	20.00	4
		36	18	19.33	19.35	19.14	20.00	4
		36	37	19.39	19.45	19.36	20.00	4
		75	0	19.25	19.41	19.21	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	23.41	23.40	23.20	24.00	0
		1	25	23.35	23.47	23.35	24.00	0
		1	49	23.40	23.43	23.32	24.00	0
		25	0	22.31	22.53	22.27	23.00	1
		25	12	22.27	22.50	22.25	23.00	1
		25	25	22.35	22.49	22.32	23.00	1
		50	0	22.34	22.35	22.13	23.00	1
10	16-QAM	1	0	22.22	22.49	22.15	23.00	1
		1	25	22.26	22.38	22.14	23.00	1
		1	49	22.32	22.43	22.28	23.00	1
		25	0	21.23	21.34	21.22	22.00	2
		25	12	21.23	21.48	21.29	22.00	2
		25	25	21.25	21.36	21.26	22.00	2
		50	0	21.33	21.33	21.26	22.00	2
10	64-QAM	1	0	21.41	21.54	21.20	22.00	2
		1	25	21.45	21.35	21.32	22.00	2
		1	49	21.39	21.43	21.22	22.00	2
		25	0	20.23	20.46	20.31	21.00	3
		25	12	20.41	20.40	20.26	21.00	3
		25	25	20.42	20.38	20.20	21.00	3
		50	0	20.32	20.45	20.23	21.00	3
10	256-QAM	1	0	20.29	20.48	20.40	21.00	3
		1	25	20.29	20.44	20.24	21.00	3
		1	49	20.43	20.41	20.32	21.00	3
		25	0	19.27	19.47	19.16	20.00	4
		25	12	19.37	19.41	19.32	20.00	4
		25	25	19.24	19.50	19.34	20.00	4
		50	0	19.32	19.40	19.29	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	23.27	23.49	23.27	24.00	0
		1	12	23.28	23.43	23.26	24.00	0
		1	24	23.39	23.51	23.28	24.00	0
		12	0	22.34	22.52	22.21	23.00	1
		12	6	22.22	22.31	22.32	23.00	1
		12	13	22.34	22.47	22.24	23.00	1
		25	0	22.33	22.39	22.26	23.00	1
5	16-QAM	1	0	22.34	22.41	22.33	23.00	1
		1	12	22.33	22.55	22.26	23.00	1
		1	24	22.28	22.50	22.24	23.00	1
		12	0	21.36	21.36	21.27	22.00	2
		12	6	21.32	21.40	21.33	22.00	2
		12	13	21.29	21.57	21.28	22.00	2
		25	0	21.22	21.49	21.24	22.00	2
5	64-QAM	1	0	21.32	21.38	21.18	22.00	2
		1	12	21.42	21.57	21.29	22.00	2
		1	24	21.21	21.49	21.28	22.00	2
		12	0	20.39	20.53	20.29	21.00	3
		12	6	20.27	20.39	20.31	21.00	3
		12	13	20.41	20.52	20.32	21.00	3
		25	0	20.32	20.44	20.22	21.00	3
5	256-QAM	1	0	20.36	20.43	20.25	21.00	3
		1	12	20.37	20.45	20.28	21.00	3
		1	24	20.37	20.46	20.37	21.00	3
		12	0	19.25	19.39	19.32	20.00	4
		12	6	19.35	19.55	19.26	20.00	4
		12	13	19.41	19.46	19.27	20.00	4
		25	0	19.34	19.40	19.29	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	23.41	23.35	23.30	24.00	0
		1	7	23.38	23.43	23.27	24.00	0
		1	14	23.32	23.47	23.32	24.00	0
		8	0	22.29	22.39	22.23	23.00	1
		8	4	22.39	22.44	22.15	23.00	1
		8	7	22.34	22.51	22.22	23.00	1
		15	0	22.31	22.40	22.17	23.00	1
3	16-QAM	1	0	22.31	22.43	22.27	23.00	1
		1	7	22.33	22.42	22.24	23.00	1
		1	14	22.31	22.38	22.22	23.00	1
		8	0	21.23	21.44	21.16	22.00	2
		8	4	21.24	21.36	21.26	22.00	2
		8	7	21.36	21.46	21.25	22.00	2
		15	0	21.26	21.38	21.25	22.00	2
3	64-QAM	1	0	21.39	21.49	21.23	22.00	2
		1	7	21.38	21.36	21.15	22.00	2
		1	14	21.36	21.57	21.19	22.00	2
		8	0	20.38	20.44	20.24	21.00	3
		8	4	20.29	20.46	20.30	21.00	3
		8	7	20.38	20.48	20.25	21.00	3
		15	0	20.21	20.51	20.27	21.00	3
3	256-QAM	1	0	20.40	20.36	20.23	21.00	3
		1	7	20.26	20.35	20.20	21.00	3
		1	14	20.32	20.56	20.31	21.00	3
		8	0	19.43	19.57	19.17	20.00	4
		8	4	19.29	19.48	19.37	20.00	4
		8	7	19.24	19.51	19.14	20.00	4
		15	0	19.26	19.48	19.33	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	23.37	23.43	23.38	24.00	0
		1	2	23.32	23.48	23.26	24.00	0
		1	5	23.24	23.40	23.21	24.00	0
		3	0	22.36	22.40	22.30	24.00	0
		3	2	22.27	22.48	22.28	24.00	0
		3	3	22.32	22.51	22.20	24.00	0
		6	0	22.24	22.34	22.34	23.00	1
1.4	16-QAM	1	0	22.31	22.41	22.37	23.00	1
		1	2	22.29	22.39	22.27	23.00	1
		1	5	22.29	22.42	22.32	23.00	1
		3	0	21.34	21.42	21.34	23.00	1
		3	2	21.35	21.34	21.29	23.00	1
		3	3	21.34	21.52	21.25	23.00	1
		6	0	21.32	21.43	21.26	22.00	2
1.4	64-QAM	1	0	21.33	21.37	21.35	22.00	2
		1	2	21.29	21.43	21.26	22.00	2
		1	5	21.33	21.44	21.24	22.00	2
		3	0	20.21	20.46	20.31	22.00	2
		3	2	20.38	20.36	20.27	22.00	2
		3	3	20.23	20.50	20.34	22.00	2
		6	0	20.22	20.56	20.31	21.00	3
1.4	256-QAM	1	0	20.23	20.41	20.19	21.00	3
		1	2	20.33	20.46	20.27	21.00	3
		1	5	20.35	20.43	20.31	21.00	3
		3	0	19.33	19.51	19.31	21.00	3
		3	2	19.42	19.45	19.27	21.00	3
		3	3	19.23	19.50	19.35	21.00	3
		6	0	19.42	19.39	19.26	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	23.61	23.83	23.98	24.00	0
		1	50	23.45	23.68	23.81	24.00	0
		1	99	23.40	23.75	23.82	24.00	0
		50	0	22.42	22.67	22.74	23.00	1
		50	25	22.55	22.61	22.94	23.00	1
		50	50	22.45	22.71	22.83	23.00	1
		100	0	22.54	22.69	22.94	23.00	1
20	16-QAM	1	0	22.40	22.72	22.83	23.00	1
		1	50	22.45	22.67	22.78	23.00	1
		1	99	22.57	22.57	22.87	23.00	1
		50	0	21.53	21.69	21.75	22.00	2
		50	25	21.43	21.63	21.85	22.00	2
		50	50	21.46	21.65	21.89	22.00	2
		100	0	21.50	21.63	21.92	22.00	2
20	64-QAM	1	0	21.41	21.63	21.81	22.00	2
		1	50	21.36	21.67	21.79	22.00	2
		1	99	21.43	21.54	21.78	22.00	2
		50	0	20.35	20.69	20.80	21.00	3
		50	25	20.51	20.62	20.82	21.00	3
		50	50	20.38	20.72	20.77	21.00	3
		100	0	20.34	20.79	20.78	21.00	3
20	256-QAM	1	0	20.52	20.58	20.90	21.00	3
		1	50	20.33	20.58	20.74	21.00	3
		1	99	20.46	20.70	20.81	21.00	3
		50	0	19.48	19.75	19.71	20.00	4
		50	25	19.57	19.73	19.87	20.00	4
		50	50	19.37	19.73	19.88	20.00	4
		100	0	19.54	19.62	19.82	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)				1717.5	1732.5	1747.5		
Channel				20025	20175	20325		
15	QPSK	1	0	23.39	23.63	23.78	24.00	0
		1	36	23.58	23.58	23.84	24.00	0
		1	74	23.49	23.67	23.82	24.00	0
		36	0	22.46	22.65	22.77	23.00	1
		36	18	22.37	22.65	22.78	23.00	1
		36	37	22.43	22.70	22.79	23.00	1
		75	0	22.43	22.75	22.85	23.00	1
15	16-QAM	1	0	22.55	22.68	22.77	23.00	1
		1	36	22.32	22.69	22.83	23.00	1
		1	74	22.51	22.77	22.84	23.00	1
		36	0	21.41	21.79	21.73	22.00	2
		36	18	21.38	21.65	21.89	22.00	2
		36	37	21.43	21.68	21.77	22.00	2
		75	0	21.57	21.75	21.79	22.00	2
15	64-QAM	1	0	21.48	21.62	21.75	22.00	2
		1	36	21.51	21.63	21.89	22.00	2
		1	74	21.37	21.72	21.86	22.00	2
		36	0	20.43	20.70	20.82	21.00	3
		36	18	20.47	20.79	20.89	21.00	3
		36	37	20.36	20.67	20.94	21.00	3
		75	0	20.48	20.56	20.86	21.00	3
15	256-QAM	1	0	20.43	20.76	20.85	21.00	3
		1	36	20.47	20.73	20.87	21.00	3
		1	74	20.37	20.79	20.77	21.00	3
		36	0	19.49	19.61	19.85	20.00	4
		36	18	19.50	19.79	19.90	20.00	4
		36	37	19.45	19.60	19.73	20.00	4
		75	0	19.58	19.74	19.81	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	23.55	23.75	23.93	24.00	0
		1	25	23.41	23.57	23.82	24.00	0
		1	49	23.38	23.58	23.80	24.00	0
		25	0	22.40	22.68	22.84	23.00	1
		25	12	22.36	22.63	22.86	23.00	1
		25	25	22.48	22.75	22.94	23.00	1
		50	0	22.41	22.68	22.69	23.00	1
10	16-QAM	1	0	22.39	22.62	22.83	23.00	1
		1	25	22.40	22.66	22.78	23.00	1
		1	49	22.45	22.74	22.90	23.00	1
		25	0	21.38	21.62	21.74	22.00	2
		25	12	21.49	21.76	21.71	22.00	2
		25	25	21.40	21.62	21.90	22.00	2
		50	0	21.52	21.76	21.83	22.00	2
10	64-QAM	1	0	21.42	21.62	21.80	22.00	2
		1	25	21.48	21.74	21.86	22.00	2
		1	49	21.50	21.62	21.94	22.00	2
		25	0	20.43	20.80	20.84	21.00	3
		25	12	20.39	20.53	20.87	21.00	3
		25	25	20.45	20.68	20.77	21.00	3
		50	0	20.38	20.58	20.79	21.00	3
10	256-QAM	1	0	20.46	20.80	20.79	21.00	3
		1	25	20.38	20.58	20.87	21.00	3
		1	49	20.43	20.66	20.79	21.00	3
		25	0	19.41	19.64	19.82	20.00	4
		25	12	19.45	19.69	19.94	20.00	4
		25	25	19.50	19.74	19.80	20.00	4
		50	0	19.40	19.68	19.77	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)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	23.52	23.65	23.90	24.00	0
		1	12	23.50	23.65	23.77	24.00	0
		1	24	23.46	23.62	23.87	24.00	0
		12	0	22.55	22.67	22.86	23.00	1
		12	6	22.50	22.54	22.86	23.00	1
		12	13	22.46	22.68	22.86	23.00	1
		25	0	22.41	22.66	22.75	23.00	1
5	16-QAM	1	0	22.45	22.68	22.82	23.00	1
		1	12	22.54	22.79	22.84	23.00	1
		1	24	22.45	22.61	22.87	23.00	1
		12	0	21.45	21.64	21.81	22.00	2
		12	6	21.58	21.64	21.81	22.00	2
		12	13	21.41	21.69	21.86	22.00	2
		25	0	21.40	21.66	21.80	22.00	2
5	64-QAM	1	0	21.43	21.68	21.72	22.00	2
		1	12	21.42	21.66	21.73	22.00	2
		1	24	21.47	21.70	21.86	22.00	2
		12	0	20.38	20.67	20.83	21.00	3
		12	6	20.48	20.76	20.78	21.00	3
		12	13	20.46	20.66	20.78	21.00	3
		25	0	20.43	20.57	20.85	21.00	3
5	256-QAM	1	0	20.49	20.77	20.84	21.00	3
		1	12	20.51	20.65	20.85	21.00	3
		1	24	20.44	20.69	20.81	21.00	3
		12	0	19.35	19.64	19.85	20.00	4
		12	6	19.56	19.66	19.83	20.00	4
		12	13	19.54	19.70	19.90	20.00	4
		25	0	19.40	19.57	19.88	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)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	23.39	23.54	23.81	24.00	0
		1	7	23.40	23.60	23.77	24.00	0
		1	14	23.51	23.79	23.84	24.00	0
		8	0	22.52	22.68	22.81	23.00	1
		8	4	22.53	22.55	22.87	23.00	1
		8	7	22.45	22.70	22.70	23.00	1
		15	0	22.46	22.64	22.82	23.00	1
3	16-QAM	1	0	22.45	22.60	22.92	23.00	1
		1	7	22.58	22.66	22.83	23.00	1
		1	14	22.36	22.58	22.76	23.00	1
		8	0	21.42	21.68	21.83	22.00	2
		8	4	21.35	21.71	21.95	22.00	2
		8	7	21.41	21.66	21.88	22.00	2
		15	0	21.50	21.68	21.78	22.00	2
3	64-QAM	1	0	21.47	21.64	21.86	22.00	2
		1	7	21.46	21.56	21.86	22.00	2
		1	14	21.46	21.71	21.86	22.00	2
		8	0	20.51	20.57	20.82	21.00	3
		8	4	20.45	20.67	20.76	21.00	3
		8	7	20.47	20.74	20.80	21.00	3
		15	0	20.53	20.61	20.87	21.00	3
3	256-QAM	1	0	20.35	20.70	20.95	21.00	3
		1	7	20.43	20.64	20.73	21.00	3
		1	14	20.39	20.79	20.80	21.00	3
		8	0	19.45	19.60	19.91	20.00	4
		8	4	19.52	19.72	19.74	20.00	4
		8	7	19.47	19.67	19.80	20.00	4
		15	0	19.35	19.68	19.81	20.00	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	23.52	23.70	23.87	24.00	0
		1	2	23.45	23.70	23.77	24.00	0
		1	5	23.47	23.72	23.75	24.00	0
		3	0	22.38	22.72	22.89	24.00	0
		3	2	22.53	22.60	22.89	24.00	0
		3	3	22.38	22.69	22.78	24.00	0
		6	0	22.33	22.69	22.96	23.00	1
1.4	16-QAM	1	0	22.54	22.64	22.77	23.00	1
		1	2	22.54	22.70	22.84	23.00	1
		1	5	22.58	22.79	22.79	23.00	1
		3	0	21.46	21.66	21.81	23.00	1
		3	2	21.53	21.63	21.74	23.00	1
		3	3	21.40	21.65	21.92	23.00	1
		6	0	21.46	21.69	21.87	22.00	2
1.4	64-QAM	1	0	21.48	21.56	21.87	22.00	2
		1	2	21.38	21.63	21.79	22.00	2
		1	5	21.39	21.62	21.76	22.00	2
		3	0	20.48	20.77	20.78	22.00	2
		3	2	20.36	20.69	20.77	22.00	2
		3	3	20.51	20.66	20.87	22.00	2
		6	0	20.43	20.67	20.81	21.00	3
1.4	256-QAM	1	0	20.45	20.70	20.85	21.00	3
		1	2	20.50	20.62	20.84	21.00	3
		1	5	20.47	20.55	20.82	21.00	3
		3	0	19.35	19.63	19.86	21.00	3
		3	2	19.34	19.65	19.83	21.00	3
		3	3	19.50	19.63	19.76	21.00	3
		6	0	19.44	19.55	19.84	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	23.46	23.55	23.61	24.00	0
		1	50	23.25	23.37	23.54	24.00	0
		1	99	23.36	23.42	23.44	24.00	0
		50	0	22.19	22.42	22.56	23.00	1
		50	25	22.36	22.48	22.57	23.00	1
		50	50	22.18	22.44	22.39	23.00	1
		100	0	22.21	22.38	22.45	23.00	1
20	16-QAM	1	0	22.25	22.51	22.51	23.00	1
		1	50	22.34	22.31	22.45	23.00	1
		1	99	22.41	22.48	22.35	23.00	1
		50	0	21.39	21.33	21.45	22.00	2
		50	25	21.23	21.43	21.47	22.00	2
		50	50	21.31	21.43	21.46	22.00	2
		100	0	21.34	21.25	21.51	22.00	2
20	64-QAM	1	0	21.28	21.53	21.41	22.00	2
		1	50	21.27	21.34	21.46	22.00	2
		1	99	21.26	21.43	21.45	22.00	2
		50	0	20.25	20.43	20.46	21.00	3
		50	25	20.22	20.37	20.44	21.00	3
		50	50	20.37	20.42	20.35	21.00	3
		100	0	20.28	20.32	20.43	21.00	3
20	256-QAM	1	0	20.36	20.38	20.50	21.00	3
		1	50	20.20	20.39	20.34	21.00	3
		1	99	20.31	20.47	20.45	21.00	3
		50	0	19.34	19.41	19.36	20.00	4
		50	25	19.42	19.52	19.45	20.00	4
		50	50	19.40	19.46	19.48	20.00	4
		100	0	19.29	19.42	19.43	20.00	4

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	23.41	23.47	23.49	24.00	0
		1	36	23.17	23.30	23.47	24.00	0
		1	74	23.30	23.42	23.48	24.00	0
		36	0	22.31	22.41	22.43	23.00	1
		36	18	22.43	22.39	22.46	23.00	1
		36	37	22.25	22.49	22.40	23.00	1
		75	0	22.28	22.42	22.58	23.00	1
15	16-QAM	1	0	22.33	22.49	22.51	23.00	1
		1	36	22.38	22.42	22.43	23.00	1
		1	74	22.42	22.43	22.44	23.00	1
		36	0	21.37	21.36	21.41	22.00	2
		36	18	21.33	21.36	21.45	22.00	2
		36	37	21.29	21.31	21.43	22.00	2
		75	0	21.24	21.46	21.35	22.00	2
15	64-QAM	1	0	21.20	21.40	21.43	22.00	2
		1	36	21.32	21.41	21.44	22.00	2
		1	74	21.25	21.50	21.34	22.00	2
		36	0	20.24	20.47	20.57	21.00	3
		36	18	20.22	20.52	20.43	21.00	3
		36	37	20.27	20.35	20.33	21.00	3
		75	0	20.22	20.43	20.34	21.00	3
15	256-QAM	1	0	20.24	20.48	20.44	21.00	3
		1	36	20.38	20.40	20.46	21.00	3
		1	74	20.31	20.35	20.54	21.00	3
		36	0	19.25	19.41	19.53	20.00	4
		36	18	19.30	19.27	19.45	20.00	4
		36	37	19.34	19.40	19.38	20.00	4
		75	0	19.35	19.32	19.42	20.00	4

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	23.23	23.37	23.44	24.00	0
		1	25	23.30	23.38	23.43	24.00	0
		1	49	23.26	23.36	23.47	24.00	0
		25	0	22.36	22.39	22.51	23.00	1
		25	12	22.39	22.48	22.43	23.00	1
		25	25	22.33	22.44	22.49	23.00	1
		50	0	22.25	22.31	22.46	23.00	1
10	16-QAM	1	0	22.30	22.52	22.44	23.00	1
		1	25	22.39	22.45	22.45	23.00	1
		1	49	22.29	22.52	22.49	23.00	1
		25	0	21.41	21.42	21.47	22.00	2
		25	12	21.24	21.45	21.41	22.00	2
		25	25	21.29	21.35	21.39	22.00	2
		50	0	21.40	21.37	21.57	22.00	2
10	64-QAM	1	0	21.24	21.50	21.39	22.00	2
		1	25	21.38	21.44	21.49	22.00	2
		1	49	21.22	21.32	21.45	22.00	2
		25	0	20.38	20.52	20.47	21.00	3
		25	12	20.38	20.52	20.48	21.00	3
		25	25	20.18	20.36	20.36	21.00	3
		50	0	20.30	20.50	20.47	21.00	3
10	256-QAM	1	0	20.39	20.32	20.43	21.00	3
		1	25	20.23	20.33	20.36	21.00	3
		1	49	20.33	20.36	20.43	21.00	3
		25	0	19.23	19.27	19.37	20.00	4
		25	12	19.27	19.36	19.54	20.00	4
		25	25	19.24	19.41	19.55	20.00	4
		50	0	19.37	19.28	19.54	20.00	4

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	23.37	23.41	23.44	24.00	0
		1	12	23.26	23.44	23.46	24.00	0
		1	24	23.26	23.30	23.41	24.00	0
		12	0	22.29	22.47	22.32	23.00	1
		12	6	22.31	22.46	22.53	23.00	1
		12	13	22.41	22.32	22.43	23.00	1
		25	0	22.29	22.37	22.42	23.00	1
5	16-QAM	1	0	22.28	22.36	22.35	23.00	1
		1	12	22.41	22.39	22.40	23.00	1
		1	24	22.33	22.51	22.50	23.00	1
		12	0	21.34	21.35	21.45	22.00	2
		12	6	21.33	21.44	21.43	22.00	2
		12	13	21.28	21.45	21.51	22.00	2
		25	0	21.21	21.41	21.46	22.00	2
5	64-QAM	1	0	21.17	21.28	21.48	22.00	2
		1	12	21.25	21.35	21.42	22.00	2
		1	24	21.41	21.40	21.43	22.00	2
		12	0	20.37	20.45	20.53	21.00	3
		12	6	20.27	20.50	20.48	21.00	3
		12	13	20.31	20.35	20.41	21.00	3
		25	0	20.29	20.36	20.51	21.00	3
5	256-QAM	1	0	20.39	20.29	20.44	21.00	3
		1	12	20.38	20.42	20.51	21.00	3
		1	24	20.22	20.35	20.50	21.00	3
		12	0	19.38	19.48	19.49	20.00	4
		12	6	19.19	19.42	19.44	20.00	4
		12	13	19.28	19.37	19.57	20.00	4
		25	0	19.31	19.40	19.33	20.00	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	23.62	23.87	23.52	24.00	0
		1	50	23.41	23.82	23.34	24.00	0
		1	99	23.46	23.73	23.32	24.00	0
		50	0	22.51	22.69	22.32	23.00	1
		50	25	22.45	22.65	22.22	23.00	1
		50	50	22.40	22.61	22.34	23.00	1
		100	0	22.46	22.69	22.34	23.00	1
20	16-QAM	1	0	22.45	22.74	22.34	23.00	1
		1	50	22.52	22.76	22.47	23.00	1
		1	99	22.43	22.75	22.35	23.00	1
		50	0	21.54	21.68	21.30	22.00	2
		50	25	21.40	21.66	21.44	22.00	2
		50	50	21.45	21.64	21.34	22.00	2
		100	0	21.49	21.78	21.45	22.00	2
20	64-QAM	1	0	21.42	21.83	21.36	22.00	2
		1	50	21.55	21.71	21.33	22.00	2
		1	99	21.54	21.70	21.23	22.00	2
		50	0	20.51	20.58	20.37	21.00	3
		50	25	20.46	20.81	20.30	21.00	3
		50	50	20.53	20.74	20.25	21.00	3
		100	0	20.47	20.70	20.42	21.00	3
20	256-QAM	1	0	20.43	20.76	20.41	21.00	3
		1	50	20.40	20.75	20.37	21.00	3
		1	99	20.40	20.67	20.37	21.00	3
		50	0	19.57	19.73	19.36	20.00	4
		50	25	19.47	19.71	19.23	20.00	4
		50	50	19.42	19.68	19.45	20.00	4
		100	0	19.46	19.71	19.30	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	23.42	23.66	23.43	24.00	0
		1	36	23.46	23.73	23.43	24.00	0
		1	74	23.50	23.67	23.35	24.00	0
		36	0	22.40	22.69	22.42	23.00	1
		36	18	22.54	22.68	22.36	23.00	1
		36	37	22.50	22.68	22.39	23.00	1
		75	0	22.47	22.74	22.30	23.00	1
15	16-QAM	1	0	22.44	22.71	22.30	23.00	1
		1	36	22.46	22.81	22.31	23.00	1
		1	74	22.57	22.59	22.22	23.00	1
		36	0	21.53	21.74	21.34	22.00	2
		36	18	21.49	21.77	21.34	22.00	2
		36	37	21.39	21.72	21.30	22.00	2
		75	0	21.37	21.63	21.37	22.00	2
15	64-QAM	1	0	21.50	21.59	21.44	22.00	2
		1	36	21.42	21.66	21.36	22.00	2
		1	74	21.47	21.73	21.40	22.00	2
		36	0	20.40	20.61	20.32	21.00	3
		36	18	20.36	20.73	20.33	21.00	3
		36	37	20.34	20.63	20.30	21.00	3
		75	0	20.36	20.68	20.33	21.00	3
15	256-QAM	1	0	20.46	20.77	20.31	21.00	3
		1	36	20.50	20.68	20.35	21.00	3
		1	74	20.44	20.74	20.33	21.00	3
		36	0	19.47	19.62	19.28	20.00	4
		36	18	19.41	19.80	19.37	20.00	4
		36	37	19.40	19.76	19.34	20.00	4
		75	0	19.37	19.80	19.34	20.00	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	23.49	23.67	23.40	24.00	0
		1	25	23.47	23.73	23.34	24.00	0
		1	49	23.40	23.66	23.28	24.00	0
		25	0	22.48	22.70	22.30	23.00	1
		25	12	22.47	22.82	22.32	23.00	1
		25	25	22.44	22.63	22.38	23.00	1
		50	0	22.56	22.70	22.40	23.00	1
10	16-QAM	1	0	22.35	22.69	22.34	23.00	1
		1	25	22.51	22.74	22.40	23.00	1
		1	49	22.51	22.62	22.28	23.00	1
		25	0	21.45	21.77	21.32	22.00	2
		25	12	21.49	21.80	21.27	22.00	2
		25	25	21.43	21.58	21.39	22.00	2
		50	0	21.51	21.75	21.39	22.00	2
10	64-QAM	1	0	21.37	21.78	21.32	22.00	2
		1	25	21.39	21.71	21.39	22.00	2
		1	49	21.39	21.80	21.39	22.00	2
		25	0	20.51	20.74	20.42	21.00	3
		25	12	20.54	20.62	20.38	21.00	3
		25	25	20.46	20.79	20.35	21.00	3
		50	0	20.51	20.70	20.44	21.00	3
10	256-QAM	1	0	20.55	20.72	20.29	21.00	3
		1	25	20.46	20.65	20.35	21.00	3
		1	49	20.38	20.82	20.31	21.00	3
		25	0	19.46	19.77	19.33	20.00	4
		25	12	19.43	19.66	19.37	20.00	4
		25	25	19.47	19.65	19.23	20.00	4
		50	0	19.50	19.74	19.38	20.00	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	23.48	23.74	23.31	24.00	0
		1	12	23.53	23.61	23.26	24.00	0
		1	24	23.32	23.75	23.46	24.00	0
		12	0	22.55	22.69	22.33	23.00	1
		12	6	22.46	22.74	22.42	23.00	1
		12	13	22.55	22.69	22.47	23.00	1
		25	0	22.45	22.80	22.35	23.00	1
5	16-QAM	1	0	22.47	22.75	22.34	23.00	1
		1	12	22.49	22.69	22.33	23.00	1
		1	24	22.52	22.71	22.33	23.00	1
		12	0	21.40	21.82	21.22	22.00	2
		12	6	21.44	21.74	21.32	22.00	2
		12	13	21.41	21.79	21.28	22.00	2
		25	0	21.41	21.81	21.24	22.00	2
5	64-QAM	1	0	21.43	21.82	21.32	22.00	2
		1	12	21.51	21.66	21.29	22.00	2
		1	24	21.50	21.64	21.44	22.00	2
		12	0	20.47	20.80	20.42	21.00	3
		12	6	20.50	20.71	20.32	21.00	3
		12	13	20.52	20.84	20.41	21.00	3
		25	0	20.35	20.64	20.43	21.00	3
5	256-QAM	1	0	20.40	20.82	20.26	21.00	3
		1	12	20.57	20.83	20.31	21.00	3
		1	24	20.50	20.75	20.33	21.00	3
		12	0	19.53	19.75	19.31	20.00	4
		12	6	19.45	19.83	19.40	20.00	4
		12	13	19.50	19.70	19.33	20.00	4
		25	0	19.55	19.62	19.45	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	23.49	23.69	23.25	24.00	0
		1	7	23.35	23.70	23.35	24.00	0
		1	14	23.50	23.77	23.33	24.00	0
		8	0	22.54	22.80	22.37	23.00	1
		8	4	22.49	22.73	22.43	23.00	1
		8	7	22.57	22.65	22.47	23.00	1
		15	0	22.50	22.71	22.35	23.00	1
3	16-QAM	1	0	22.39	22.84	22.35	23.00	1
		1	7	22.40	22.65	22.41	23.00	1
		1	14	22.40	22.63	22.42	23.00	1
		8	0	21.54	21.74	21.26	22.00	2
		8	4	21.48	21.67	21.46	22.00	2
		8	7	21.53	21.81	21.41	22.00	2
		15	0	21.42	21.65	21.26	22.00	2
3	64-QAM	1	0	21.57	21.76	21.27	22.00	2
		1	7	21.44	21.65	21.42	22.00	2
		1	14	21.40	21.72	21.33	22.00	2
		8	0	20.43	20.64	20.27	21.00	3
		8	4	20.51	20.73	20.35	21.00	3
		8	7	20.49	20.71	20.27	21.00	3
		15	0	20.49	20.78	20.36	21.00	3
3	256-QAM	1	0	20.34	20.68	20.44	21.00	3
		1	7	20.47	20.72	20.41	21.00	3
		1	14	20.38	20.63	20.35	21.00	3
		8	0	19.38	19.69	19.30	20.00	4
		8	4	19.32	19.74	19.48	20.00	4
		8	7	19.33	19.69	19.29	20.00	4
		15	0	19.35	19.79	19.44	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	23.43	23.69	23.34	24.00	0
		1	2	23.34	23.73	23.33	24.00	0
		1	5	23.46	23.82	23.31	24.00	0
		3	0	22.52	22.71	22.36	24.00	0
		3	2	22.52	22.75	22.34	24.00	0
		3	3	22.39	22.76	22.42	24.00	0
		6	0	22.51	22.70	22.32	23.00	1
1.4	16-QAM	1	0	22.52	22.82	22.32	23.00	1
		1	2	22.43	22.79	22.24	23.00	1
		1	5	22.45	22.84	22.33	23.00	1
		3	0	21.34	21.83	21.22	23.00	1
		3	2	21.54	21.72	21.40	23.00	1
		3	3	21.44	21.74	21.30	23.00	1
		6	0	21.36	21.63	21.32	22.00	2
1.4	64-QAM	1	0	21.44	21.80	21.29	22.00	2
		1	2	21.49	21.61	21.48	22.00	2
		1	5	21.48	21.77	21.28	22.00	2
		3	0	20.48	20.70	20.38	22.00	2
		3	2	20.54	20.71	20.38	22.00	2
		3	3	20.40	20.59	20.38	22.00	2
		6	0	20.51	20.64	20.33	21.00	3
1.4	256-QAM	1	0	20.56	20.70	20.27	21.00	3
		1	2	20.51	20.59	20.27	21.00	3
		1	5	20.43	20.58	20.39	21.00	3
		3	0	19.57	19.75	19.28	21.00	3
		3	2	19.47	19.62	19.38	21.00	3
		3	3	19.53	19.77	19.49	21.00	3
		6	0	19.46	19.70	19.35	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		22.41		23.00	0
		1	25		22.36		23.00	0
		1	49		22.30		23.00	0
		25	0		21.15		22.00	1
		25	12		21.27		22.00	1
		25	25		21.29		22.00	1
		50	0		21.19		22.00	1
10	16-QAM	1	0		21.37		22.00	1
		1	25		21.28		22.00	1
		1	49		21.39		22.00	1
		25	0		20.28		21.00	2
		25	12		20.35		21.00	2
		25	25		20.25		21.00	2
		50	0		20.23		21.00	2
10	64-QAM	1	0		20.26		21.00	2
		1	25		20.31		21.00	2
		1	49		20.27		21.00	2
		25	0		19.18		20.00	3
		25	12		19.28		20.00	3
		25	25		19.28		20.00	3
		50	0		19.25		20.00	3
10	256-QAM	1	0		19.22		20.00	3
		1	25		19.30		20.00	3
		1	49		19.34		20.00	3
		25	0		18.24		19.00	4
		25	12		18.25		19.00	4
		25	25		18.21		19.00	4
		50	0		18.29		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	22.22	22.24	22.03	23.00	0
		1	12	22.23	22.13	22.02	23.00	0
		1	24	22.20	22.10	22.01	23.00	0
		12	0	21.28	21.07	21.09	22.00	1
		12	6	21.13	21.22	21.00	22.00	1
		12	13	21.37	21.12	20.97	22.00	1
		25	0	21.26	21.03	20.93	22.00	1
5	16-QAM	1	0	21.28	20.99	21.03	22.00	1
		1	12	21.38	21.00	20.94	22.00	1
		1	24	21.27	21.14	20.85	22.00	1
		12	0	20.25	20.17	20.02	21.00	2
		12	6	20.21	20.12	19.99	21.00	2
		12	13	20.17	20.07	19.99	21.00	2
		25	0	20.14	20.21	20.11	21.00	2
5	64-QAM	1	0	20.28	20.09	19.90	21.00	2
		1	12	20.17	20.11	20.01	21.00	2
		1	24	20.20	20.07	19.86	21.00	2
		12	0	19.29	19.21	18.88	20.00	3
		12	6	19.30	19.04	18.96	20.00	3
		12	13	19.22	19.11	19.03	20.00	3
		25	0	19.27	19.13	18.97	20.00	3
5	256-QAM	1	0	19.32	19.06	18.95	20.00	3
		1	12	19.15	19.13	18.89	20.00	3
		1	24	19.30	19.04	18.98	20.00	3
		12	0	18.22	18.06	18.01	19.00	4
		12	6	18.23	18.12	17.94	19.00	4
		12	13	18.39	18.05	17.84	19.00	4
		25	0	18.25	18.23	17.90	19.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	23.66	23.54	23.37	24.00	0
		1	50	23.41	23.40	23.24	24.00	0
		1	99	23.44	23.35	23.26	24.00	0
		50	0	22.39	22.35	22.29	23.00	1
		50	25	22.48	22.45	22.20	23.00	1
		50	50	22.45	22.42	22.24	23.00	1
		100	0	22.45	22.33	22.13	23.00	1
20	16-QAM	1	0	22.48	22.38	22.16	23.00	1
		1	50	22.51	22.43	22.19	23.00	1
		1	99	22.54	22.39	22.24	23.00	1
		50	0	21.43	21.40	21.17	22.00	2
		50	25	21.60	21.28	21.21	22.00	2
		50	50	21.43	21.26	21.12	22.00	2
		100	0	21.54	21.43	21.12	22.00	2
20	64-QAM	1	0	21.60	21.32	21.31	22.00	2
		1	50	21.52	21.48	21.29	22.00	2
		1	99	21.48	21.32	21.15	22.00	2
		50	0	20.46	20.40	20.19	21.00	3
		50	25	20.51	20.46	20.17	21.00	3
		50	50	20.57	20.42	20.20	21.00	3
		100	0	20.53	20.47	20.09	21.00	3
20	256-QAM	1	0	20.42	20.38	20.15	21.00	3
		1	50	20.60	20.42	20.17	21.00	3
		1	99	20.56	20.35	20.19	21.00	3
		50	0	19.50	19.50	19.16	20.00	4
		50	25	19.44	19.31	19.24	20.00	4
		50	50	19.46	19.38	19.20	20.00	4
		100	0	19.55	19.43	19.19	20.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	23.37	23.41	23.22	24.00	0
		1	36	23.55	23.28	23.19	24.00	0
		1	74	23.52	23.39	23.27	24.00	0
		36	0	22.56	22.50	22.15	23.00	1
		36	18	22.45	22.45	22.25	23.00	1
		36	37	22.51	22.28	22.25	23.00	1
		75	0	22.56	22.32	22.29	23.00	1
15	16-QAM	1	0	22.57	22.31	22.34	23.00	1
		1	36	22.51	22.33	22.30	23.00	1
		1	74	22.52	22.39	22.21	23.00	1
		36	0	21.53	21.30	21.17	22.00	2
		36	18	21.47	21.34	21.24	22.00	2
		36	37	21.54	21.39	21.28	22.00	2
		75	0	21.51	21.35	21.21	22.00	2
15	64-QAM	1	0	21.55	21.44	21.26	22.00	2
		1	36	21.57	21.51	21.24	22.00	2
		1	74	21.45	21.32	21.27	22.00	2
		36	0	20.46	20.50	20.30	21.00	3
		36	18	20.39	20.41	20.21	21.00	3
		36	37	20.51	20.35	20.14	21.00	3
		75	0	20.46	20.40	20.12	21.00	3
15	256-QAM	1	0	20.46	20.37	20.23	21.00	3
		1	36	20.46	20.33	20.12	21.00	3
		1	74	20.47	20.41	20.26	21.00	3
		36	0	19.58	19.38	19.18	20.00	4
		36	18	19.46	19.32	19.11	20.00	4
		36	37	19.59	19.29	19.26	20.00	4
		75	0	19.51	19.41	19.18	20.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				132022	132322	132622		
10	QPSK	1	0	23.45	23.35	23.16	24.00	0
		1	25	23.46	23.27	23.22	24.00	0
		1	49	23.48	23.39	23.21	24.00	0
		25	0	22.49	22.34	22.20	23.00	1
		25	12	22.41	22.37	22.25	23.00	1
		25	25	22.52	22.40	22.32	23.00	1
		50	0	22.58	22.32	22.21	23.00	1
10	16-QAM	1	0	22.52	22.39	22.18	23.00	1
		1	25	22.55	22.51	22.32	23.00	1
		1	49	22.53	22.43	22.31	23.00	1
		25	0	21.57	21.38	21.22	22.00	2
		25	12	21.55	21.26	21.17	22.00	2
		25	25	21.47	21.37	21.11	22.00	2
		50	0	21.54	21.36	21.27	22.00	2
10	64-QAM	1	0	21.43	21.30	21.20	22.00	2
		1	25	21.53	21.28	21.29	22.00	2
		1	49	21.44	21.30	21.18	22.00	2
		25	0	20.49	20.27	20.17	21.00	3
		25	12	20.60	20.42	20.22	21.00	3
		25	25	20.42	20.43	20.21	21.00	3
		50	0	20.54	20.39	20.16	21.00	3
10	256-QAM	1	0	20.52	20.27	20.27	21.00	3
		1	25	20.51	20.37	20.29	21.00	3
		1	49	20.48	20.39	20.16	21.00	3
		25	0	19.62	19.44	19.20	20.00	4
		25	12	19.42	19.40	19.29	20.00	4
		25	25	19.45	19.44	19.21	20.00	4
		50	0	19.44	19.41	19.23	20.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	23.43	23.34	23.18	24.00	0
		1	12	23.38	23.41	23.10	24.00	0
		1	24	23.41	23.40	23.17	24.00	0
		12	0	22.55	22.47	22.22	23.00	1
		12	6	22.54	22.38	22.16	23.00	1
		12	13	22.48	22.40	22.30	23.00	1
		25	0	22.53	22.42	22.29	23.00	1
5	16-QAM	1	0	22.47	22.34	22.23	23.00	1
		1	12	22.53	22.43	22.16	23.00	1
		1	24	22.50	22.37	22.33	23.00	1
		12	0	21.53	21.45	21.24	22.00	2
		12	6	21.47	21.47	21.14	22.00	2
		12	13	21.50	21.39	21.23	22.00	2
		25	0	21.54	21.52	21.18	22.00	2
5	64-QAM	1	0	21.57	21.24	21.24	22.00	2
		1	12	21.41	21.31	21.20	22.00	2
		1	24	21.59	21.43	21.12	22.00	2
		12	0	20.51	20.46	20.23	21.00	3
		12	6	20.51	20.32	20.22	21.00	3
		12	13	20.54	20.36	20.11	21.00	3
		25	0	20.61	20.43	20.23	21.00	3
5	256-QAM	1	0	20.56	20.50	20.35	21.00	3
		1	12	20.50	20.42	20.23	21.00	3
		1	24	20.54	20.39	20.21	21.00	3
		12	0	19.51	19.43	19.24	20.00	4
		12	6	19.48	19.41	19.15	20.00	4
		12	13	19.39	19.31	19.18	20.00	4
		25	0	19.60	19.32	19.27	20.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	23.56	23.43	23.21	24.00	0
		1	7	23.43	23.30	23.16	24.00	0
		1	14	23.50	23.32	23.18	24.00	0
		8	0	22.53	22.38	22.08	23.00	1
		8	4	22.51	22.25	22.17	23.00	1
		8	7	22.42	22.33	22.24	23.00	1
		15	0	22.57	22.30	22.19	23.00	1
3	16-QAM	1	0	22.47	22.32	22.17	23.00	1
		1	7	22.52	22.37	22.11	23.00	1
		1	14	22.58	22.45	22.07	23.00	1
		8	0	21.56	21.29	21.09	22.00	2
		8	4	21.55	21.47	21.11	22.00	2
		8	7	21.54	21.44	21.23	22.00	2
		15	0	21.56	21.32	21.21	22.00	2
3	64-QAM	1	0	21.55	21.43	21.26	22.00	2
		1	7	21.53	21.44	21.12	22.00	2
		1	14	21.42	21.38	21.21	22.00	2
		8	0	20.56	20.37	20.30	21.00	3
		8	4	20.54	20.38	20.18	21.00	3
		8	7	20.46	20.48	20.22	21.00	3
		15	0	20.57	20.28	20.13	21.00	3
3	256-QAM	1	0	20.58	20.49	20.22	21.00	3
		1	7	20.47	20.40	20.33	21.00	3
		1	14	20.60	20.35	20.16	21.00	3
		8	0	19.46	19.24	19.23	20.00	4
		8	4	19.42	19.45	19.25	20.00	4
		8	7	19.48	19.39	19.30	20.00	4
		15	0	19.54	19.43	19.19	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	23.47	23.48	23.14	24.00	0
		1	2	23.40	23.43	23.21	24.00	0
		1	5	23.50	23.28	23.26	24.00	0
		3	0	22.46	22.40	22.19	24.00	0
		3	2	22.46	22.32	22.26	24.00	0
		3	3	22.43	22.41	22.34	24.00	0
		6	0	22.47	22.46	22.18	23.00	1
1.4	16-QAM	1	0	22.46	22.45	22.31	23.00	1
		1	2	22.49	22.47	22.22	23.00	1
		1	5	22.57	22.43	22.29	23.00	1
		3	0	21.60	21.38	21.24	23.00	1
		3	2	21.59	21.40	21.24	23.00	1
		3	3	21.55	21.25	21.19	23.00	1
		6	0	21.50	21.41	21.21	22.00	2
1.4	64-QAM	1	0	21.48	21.38	21.17	22.00	2
		1	2	21.55	21.47	21.13	22.00	2
		1	5	21.46	21.36	21.24	22.00	2
		3	0	20.37	20.38	20.22	22.00	2
		3	2	20.41	20.28	20.18	22.00	2
		3	3	20.56	20.39	20.18	22.00	2
		6	0	20.59	20.42	20.09	21.00	3
1.4	256-QAM	1	0	20.42	20.37	20.31	21.00	3
		1	2	20.49	20.48	20.09	21.00	3
		1	5	20.43	20.37	20.25	21.00	3
		3	0	19.41	19.30	19.31	21.00	3
		3	2	19.46	19.49	19.19	21.00	3
		3	3	19.44	19.25	19.30	21.00	3
		6	0	19.55	19.42	19.21	20.00	4

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Main

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	23.33	23.40	23.31	24.00	0
		1	50	23.09	23.22	23.14	24.00	0
		1	99	23.21	23.18	23.22	24.00	0
		50	0	22.11	22.27	22.08	23.00	1
		50	25	22.25	22.16	22.14	23.00	1
		50	50	22.29	22.17	22.20	23.00	1
		100	0	22.19	22.21	22.14	23.00	1
20	16-QAM	1	0	22.17	22.12	22.12	23.00	1
		1	50	22.20	22.21	22.15	23.00	1
		1	99	22.13	22.08	22.25	23.00	1
		50	0	21.17	21.14	21.21	22.00	2
		50	25	21.12	21.28	21.20	22.00	2
		50	50	21.15	21.25	21.05	22.00	2
		100	0	21.05	21.23	21.15	22.00	2
20	64-QAM	1	0	21.16	21.08	21.11	22.00	2
		1	50	21.16	21.11	21.15	22.00	2
		1	99	21.11	21.20	21.18	22.00	2
		50	0	20.10	20.25	20.18	21.00	3
		50	25	20.22	20.11	20.16	21.00	3
		50	50	20.20	20.18	20.12	21.00	3
		100	0	20.15	20.16	20.31	21.00	3
20	256-QAM	1	0	20.21	20.17	20.17	21.00	3
		1	50	20.13	20.26	20.18	21.00	3
		1	99	20.28	20.20	20.22	21.00	3
		50	0	19.21	19.30	19.16	20.00	4
		50	25	19.21	19.11	19.07	20.00	4
		50	50	19.23	19.09	19.23	20.00	4
		100	0	19.23	19.09	19.16	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	23.21	23.20	23.27	24.00	0
		1	36	23.17	23.07	23.06	24.00	0
		1	74	23.15	23.29	23.20	24.00	0
		36	0	22.17	22.19	22.16	23.00	1
		36	18	22.12	22.13	22.22	23.00	1
		36	37	22.25	22.19	22.19	23.00	1
		75	0	22.24	22.28	22.23	23.00	1
15	16-QAM	1	0	22.08	22.11	22.22	23.00	1
		1	36	22.07	22.27	22.19	23.00	1
		1	74	22.19	22.28	22.20	23.00	1
		36	0	21.09	21.17	21.21	22.00	2
		36	18	21.16	21.19	21.06	22.00	2
		36	37	21.09	21.14	21.12	22.00	2
		75	0	21.25	21.18	21.23	22.00	2
15	64-QAM	1	0	21.21	21.11	21.17	22.00	2
		1	36	21.17	21.23	21.14	22.00	2
		1	74	21.19	21.15	21.17	22.00	2
		36	0	20.21	20.15	20.12	21.00	3
		36	18	20.29	20.25	20.22	21.00	3
		36	37	20.27	20.14	20.15	21.00	3
		75	0	20.18	20.11	20.15	21.00	3
15	256-QAM	1	0	20.26	20.28	20.09	21.00	3
		1	36	20.17	20.22	20.20	21.00	3
		1	74	20.29	20.22	20.20	21.00	3
		36	0	19.16	19.19	19.18	20.00	4
		36	18	19.05	19.09	19.12	20.00	4
		36	37	19.17	19.17	19.19	20.00	4
		75	0	19.10	19.19	19.15	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	23.18	23.29	23.10	24.00	0
		1	25	23.17	23.09	23.04	24.00	0
		1	49	23.21	23.09	23.22	24.00	0
		25	0	22.25	22.15	22.19	23.00	1
		25	12	22.15	22.16	22.17	23.00	1
		25	25	22.14	22.23	22.17	23.00	1
		50	0	22.03	22.07	22.12	23.00	1
10	16-QAM	1	0	22.18	22.19	22.18	23.00	1
		1	25	22.16	22.25	22.12	23.00	1
		1	49	22.12	22.11	22.19	23.00	1
		25	0	21.19	21.17	21.11	22.00	2
		25	12	21.13	21.12	21.13	22.00	2
		25	25	21.15	21.08	21.21	22.00	2
		50	0	21.19	21.14	21.13	22.00	2
10	64-QAM	1	0	21.19	21.12	21.10	22.00	2
		1	25	21.27	21.23	21.18	22.00	2
		1	49	21.21	21.23	21.15	22.00	2
		25	0	20.19	20.06	20.16	21.00	3
		25	12	20.10	20.18	20.18	21.00	3
		25	25	20.08	20.28	20.18	21.00	3
		50	0	20.22	20.09	20.22	21.00	3
10	256-QAM	1	0	20.12	20.14	20.19	21.00	3
		1	25	20.09	20.13	20.06	21.00	3
		1	49	20.11	20.15	20.16	21.00	3
		25	0	19.18	19.13	19.12	20.00	4
		25	12	19.18	19.17	19.26	20.00	4
		25	25	19.11	19.15	19.28	20.00	4
		50	0	19.14	19.18	19.16	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	23.25	23.15	23.26	24.00	0
		1	12	23.22	23.21	23.19	24.00	0
		1	24	23.24	23.13	23.08	24.00	0
		12	0	22.27	22.23	22.25	23.00	1
		12	6	22.18	22.12	22.17	23.00	1
		12	13	22.14	22.13	22.18	23.00	1
		25	0	22.06	22.11	22.13	23.00	1
5	16-QAM	1	0	22.12	22.22	22.26	23.00	1
		1	12	22.04	22.04	22.13	23.00	1
		1	24	22.19	22.23	22.14	23.00	1
		12	0	21.24	21.23	21.28	22.00	2
		12	6	21.25	21.16	21.11	22.00	2
		12	13	21.11	21.12	21.14	22.00	2
		25	0	21.08	21.20	21.22	22.00	2
5	64-QAM	1	0	21.12	21.13	21.13	22.00	2
		1	12	21.18	21.07	21.16	22.00	2
		1	24	21.16	21.14	21.22	22.00	2
		12	0	20.11	20.03	20.26	21.00	3
		12	6	20.20	20.19	20.10	21.00	3
		12	13	20.15	20.13	20.05	21.00	3
		25	0	20.17	20.11	20.11	21.00	3
5	256-QAM	1	0	20.13	20.17	20.18	21.00	3
		1	12	20.17	20.14	20.21	21.00	3
		1	24	20.21	20.12	20.16	21.00	3
		12	0	19.13	19.19	19.26	20.00	4
		12	6	19.24	19.18	19.10	20.00	4
		12	13	19.24	19.18	19.16	20.00	4
		25	0	19.24	19.15	19.18	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	23.13	23.14	23.25	24.00	0
		1	7	23.04	23.13	23.26	24.00	0
		1	14	23.08	23.21	23.04	24.00	0
		8	0	22.17	22.16	22.18	23.00	1
		8	4	22.12	22.23	22.16	23.00	1
		8	7	22.16	22.20	22.12	23.00	1
		15	0	22.22	22.15	22.15	23.00	1
3	16-QAM	1	0	22.14	22.17	22.09	23.00	1
		1	7	22.24	22.12	22.22	23.00	1
		1	14	22.18	22.12	22.23	23.00	1
		8	0	21.17	21.30	21.23	22.00	2
		8	4	21.18	21.20	21.24	22.00	2
		8	7	21.16	21.23	21.20	22.00	2
		15	0	21.18	21.27	21.03	22.00	2
3	64-QAM	1	0	21.21	21.21	21.18	22.00	2
		1	7	21.16	21.17	21.12	22.00	2
		1	14	21.23	21.08	21.19	22.00	2
		8	0	20.17	20.11	20.09	21.00	3
		8	4	20.29	20.22	20.11	21.00	3
		8	7	20.16	20.10	20.20	21.00	3
		15	0	20.21	20.23	20.19	21.00	3
3	256-QAM	1	0	20.27	20.18	20.16	21.00	3
		1	7	20.10	20.24	20.12	21.00	3
		1	14	20.19	20.20	20.12	21.00	3
		8	0	19.08	19.07	19.28	20.00	4
		8	4	19.22	19.19	19.06	20.00	4
		8	7	19.27	19.23	19.08	20.00	4
		15	0	19.15	19.18	19.16	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	23.11	23.15	23.18	24.00	0
		1	2	22.89	22.98	23.06	24.00	0
		1	5	22.97	22.91	22.97	24.00	0
		3	0	22.98	22.99	22.94	24.00	0
		3	2	22.89	22.96	23.03	24.00	0
		3	3	23.06	23.06	22.95	24.00	0
		6	0	21.94	21.99	21.91	23.00	1
1.4	16-QAM	1	0	21.91	21.92	21.98	23.00	1
		1	2	21.97	22.02	21.95	23.00	1
		1	5	21.86	21.99	21.99	23.00	1
		3	0	22.03	21.90	21.89	23.00	1
		3	2	21.91	21.94	21.84	23.00	1
		3	3	21.97	21.98	21.91	23.00	1
		6	0	21.05	21.07	21.05	22.00	2
1.4	64-QAM	1	0	20.96	20.91	20.97	22.00	2
		1	2	20.87	21.07	20.93	22.00	2
		1	5	20.84	20.88	20.95	22.00	2
		3	0	20.98	20.88	20.95	22.00	2
		3	2	20.92	21.04	20.95	22.00	2
		3	3	21.03	20.82	21.01	22.00	2
		6	0	19.97	19.97	20.06	21.00	3
1.4	256-QAM	1	0	19.99	19.84	20.04	21.00	3
		1	2	19.96	19.90	19.91	21.00	3
		1	5	19.88	19.92	20.02	21.00	3
		3	0	19.90	20.07	19.96	21.00	3
		3	2	20.02	19.93	19.99	21.00	3
		3	3	20.07	19.90	20.04	21.00	3
		6	0	19.01	18.98	18.99	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	23.77	23.98	23.87	24.00	0
		1	50	23.62	23.65	23.66	24.00	0
		1	99	23.55	23.55	23.57	24.00	0
		50	0	22.61	22.71	22.56	23.00	1
		50	25	22.70	22.66	22.58	23.00	1
		50	50	22.59	22.56	22.62	23.00	1
		100	0	22.56	22.65	22.62	23.00	1
20	16-QAM	1	0	22.71	22.59	22.72	23.00	1
		1	50	22.54	22.54	22.66	23.00	1
		1	99	22.60	22.63	22.59	23.00	1
		50	0	21.55	21.62	21.63	22.00	2
		50	25	21.52	21.55	21.62	22.00	2
		50	50	21.64	21.52	21.66	22.00	2
		100	0	21.65	21.67	21.67	22.00	2
20	64-QAM	1	0	21.68	21.61	21.63	22.00	2
		1	50	21.52	21.63	21.62	22.00	2
		1	99	21.56	21.73	21.65	22.00	2
		50	0	20.53	20.58	20.69	21.00	3
		50	25	20.65	20.59	20.73	21.00	3
		50	50	20.59	20.59	20.71	21.00	3
		100	0	20.54	20.56	20.55	21.00	3
20	256-QAM	1	0	20.69	20.62	20.65	21.00	3
		1	50	20.59	20.65	20.56	21.00	3
		1	99	20.57	20.73	20.55	21.00	3
		50	0	19.57	19.58	19.59	20.00	4
		50	25	19.56	19.66	19.63	20.00	4
		50	50	19.57	19.71	19.65	20.00	4
		100	0	19.63	19.64	19.63	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)				1717.5	1732.5	1747.5		
Channel				20025	20175	20325		
15	QPSK	1	0	23.71	23.66	23.56	24.00	0
		1	36	23.63	23.51	23.55	24.00	0
		1	74	23.52	23.65	23.65	24.00	0
		36	0	22.56	22.55	22.69	23.00	1
		36	18	22.57	22.67	22.68	23.00	1
		36	37	22.55	22.64	22.67	23.00	1
		75	0	22.54	22.62	22.52	23.00	1
15	16-QAM	1	0	22.60	22.55	22.58	23.00	1
		1	36	22.61	22.65	22.74	23.00	1
		1	74	22.55	22.64	22.68	23.00	1
		36	0	21.65	21.68	21.71	22.00	2
		36	18	21.63	21.53	21.64	22.00	2
		36	37	21.62	21.52	21.59	22.00	2
		75	0	21.52	21.62	21.65	22.00	2
15	64-QAM	1	0	21.52	21.51	21.56	22.00	2
		1	36	21.61	21.62	21.58	22.00	2
		1	74	21.57	21.60	21.60	22.00	2
		36	0	20.62	20.69	20.67	21.00	3
		36	18	20.62	20.62	20.66	21.00	3
		36	37	20.67	20.56	20.65	21.00	3
		75	0	20.60	20.71	20.59	21.00	3
15	256-QAM	1	0	20.64	20.61	20.55	21.00	3
		1	36	20.58	20.51	20.68	21.00	3
		1	74	20.50	20.68	20.56	21.00	3
		36	0	19.74	19.57	19.64	20.00	4
		36	18	19.63	19.60	19.58	20.00	4
		36	37	19.55	19.64	19.66	20.00	4
		75	0	19.52	19.72	19.69	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	23.58	23.61	23.54	24.00	0
		1	25	23.54	23.66	23.57	24.00	0
		1	49	23.54	23.54	23.47	24.00	0
		25	0	22.59	22.61	22.74	23.00	1
		25	12	22.72	22.54	22.74	23.00	1
		25	25	22.66	22.70	22.63	23.00	1
		50	0	22.70	22.58	22.55	23.00	1
10	16-QAM	1	0	22.62	22.49	22.64	23.00	1
		1	25	22.63	22.58	22.61	23.00	1
		1	49	22.64	22.65	22.57	23.00	1
		25	0	21.71	21.68	21.60	22.00	2
		25	12	21.57	21.56	21.61	22.00	2
		25	25	21.65	21.50	21.66	22.00	2
		50	0	21.70	21.52	21.51	22.00	2
10	64-QAM	1	0	21.60	21.52	21.60	22.00	2
		1	25	21.67	21.66	21.64	22.00	2
		1	49	21.53	21.63	21.66	22.00	2
		25	0	20.68	20.52	20.55	21.00	3
		25	12	20.60	20.52	20.60	21.00	3
		25	25	20.70	20.64	20.73	21.00	3
		50	0	20.62	20.55	20.52	21.00	3
10	256-QAM	1	0	20.66	20.66	20.55	21.00	3
		1	25	20.65	20.63	20.50	21.00	3
		1	49	20.62	20.57	20.67	21.00	3
		25	0	19.61	19.54	19.58	20.00	4
		25	12	19.57	19.68	19.65	20.00	4
		25	25	19.68	19.67	19.61	20.00	4
		50	0	19.69	19.56	19.64	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)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	23.62	23.62	23.64	24.00	0
		1	12	23.58	23.57	23.61	24.00	0
		1	24	23.47	23.73	23.62	24.00	0
		12	0	22.64	22.62	22.57	23.00	1
		12	6	22.57	22.59	22.60	23.00	1
		12	13	22.58	22.70	22.56	23.00	1
		25	0	22.59	22.59	22.66	23.00	1
5	16-QAM	1	0	22.60	22.54	22.69	23.00	1
		1	12	22.55	22.61	22.58	23.00	1
		1	24	22.48	22.55	22.66	23.00	1
		12	0	21.49	21.57	21.74	22.00	2
		12	6	21.62	21.64	21.59	22.00	2
		12	13	21.62	21.55	21.61	22.00	2
		25	0	21.52	21.62	21.58	22.00	2
5	64-QAM	1	0	21.60	21.59	21.71	22.00	2
		1	12	21.64	21.66	21.74	22.00	2
		1	24	21.59	21.65	21.63	22.00	2
		12	0	20.66	20.69	20.61	21.00	3
		12	6	20.53	20.67	20.57	21.00	3
		12	13	20.54	20.55	20.61	21.00	3
		25	0	20.59	20.54	20.57	21.00	3
5	256-QAM	1	0	20.50	20.67	20.58	21.00	3
		1	12	20.61	20.69	20.73	21.00	3
		1	24	20.53	20.55	20.66	21.00	3
		12	0	19.58	19.63	19.70	20.00	4
		12	6	19.56	19.68	19.62	20.00	4
		12	13	19.65	19.61	19.57	20.00	4
		25	0	19.56	19.59	19.69	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)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	23.56	23.62	23.53	24.00	0
		1	7	23.61	23.63	23.62	24.00	0
		1	14	23.63	23.71	23.58	24.00	0
		8	0	22.62	22.50	22.75	23.00	1
		8	4	22.67	22.55	22.61	23.00	1
		8	7	22.56	22.66	22.63	23.00	1
		15	0	22.62	22.59	22.51	23.00	1
3	16-QAM	1	0	22.60	22.62	22.51	23.00	1
		1	7	22.52	22.59	22.69	23.00	1
		1	14	22.62	22.63	22.53	23.00	1
		8	0	21.60	21.54	21.60	22.00	2
		8	4	21.69	21.56	21.63	22.00	2
		8	7	21.69	21.69	21.62	22.00	2
		15	0	21.66	21.60	21.51	22.00	2
3	64-QAM	1	0	21.63	21.61	21.68	22.00	2
		1	7	21.65	21.58	21.53	22.00	2
		1	14	21.75	21.59	21.64	22.00	2
		8	0	20.62	20.57	20.51	21.00	3
		8	4	20.64	20.57	20.61	21.00	3
		8	7	20.57	20.60	20.66	21.00	3
		15	0	20.61	20.75	20.62	21.00	3
3	256-QAM	1	0	20.67	20.61	20.61	21.00	3
		1	7	20.60	20.63	20.71	21.00	3
		1	14	20.52	20.56	20.69	21.00	3
		8	0	19.62	19.70	19.60	20.00	4
		8	4	19.54	19.57	19.60	20.00	4
		8	7	19.68	19.62	19.55	20.00	4
		15	0	19.67	19.66	19.67	20.00	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	23.60	23.58	23.61	24.00	0
		1	2	23.51	23.37	23.45	24.00	0
		1	5	23.49	23.43	23.52	24.00	0
		3	0	23.31	23.44	23.49	24.00	0
		3	2	23.42	23.35	23.38	24.00	0
		3	3	23.40	23.38	23.56	24.00	0
		6	0	22.33	22.35	22.46	23.00	1
1.4	16-QAM	1	0	22.40	22.38	22.37	23.00	1
		1	2	22.47	22.51	22.45	23.00	1
		1	5	22.54	22.47	22.40	23.00	1
		3	0	22.38	22.45	22.56	23.00	1
		3	2	22.42	22.44	22.44	23.00	1
		3	3	22.54	22.50	22.39	23.00	1
		6	0	21.49	21.41	21.35	22.00	2
1.4	64-QAM	1	0	21.48	21.44	21.42	22.00	2
		1	2	21.47	21.48	21.55	22.00	2
		1	5	21.50	21.38	21.44	22.00	2
		3	0	21.52	21.36	21.40	22.00	2
		3	2	21.49	21.54	21.34	22.00	2
		3	3	21.35	21.42	21.48	22.00	2
		6	0	20.31	20.47	20.47	21.00	3
1.4	256-QAM	1	0	20.39	20.45	20.41	21.00	3
		1	2	20.41	20.37	20.51	21.00	3
		1	5	20.39	20.43	20.50	21.00	3
		3	0	20.50	20.40	20.49	21.00	3
		3	2	20.46	20.37	20.47	21.00	3
		3	3	20.34	20.52	20.48	21.00	3
		6	0	19.44	19.36	19.45	20.00	4

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				20450	20525	20600		
10	QPSK	1	0	23.16	23.13	23.18	24.50	0
		1	25	22.96	23.03	22.99	24.50	0
		1	49	22.94	22.99	22.91	24.50	0
		25	0	21.94	22.08	21.89	23.50	1
		25	12	21.96	22.13	22.03	23.50	1
		25	25	22.06	22.07	21.97	23.50	1
		50	0	22.03	22.05	22.04	23.50	1
10	16-QAM	1	0	22.12	22.00	21.95	23.50	1
		1	25	22.01	22.00	21.90	23.50	1
		1	49	22.02	21.94	21.93	23.50	1
		25	0	21.01	20.99	20.90	22.50	2
		25	12	21.02	20.93	21.06	22.50	2
		25	25	20.96	20.95	21.02	22.50	2
		50	0	20.96	20.98	21.08	22.50	2
10	64-QAM	1	0	20.98	20.98	20.95	22.50	2
		1	25	21.07	20.98	21.04	22.50	2
		1	49	20.97	20.95	20.90	22.50	2
		25	0	19.99	20.08	19.96	21.50	3
		25	12	19.98	19.99	20.00	21.50	3
		25	25	20.09	19.99	20.04	21.50	3
		50	0	19.98	20.05	19.91	21.50	3
10	256-QAM	1	0	19.93	19.93	19.90	21.50	3
		1	25	20.07	20.01	19.97	21.50	3
		1	49	20.11	19.86	20.13	21.50	3
		25	0	19.06	19.01	19.05	20.50	4
		25	12	19.07	19.01	19.01	20.50	4
		25	25	19.05	19.01	19.00	20.50	4
		50	0	19.00	18.99	18.90	20.50	4

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	22.95	23.02	23.03	24.50	0
		1	12	23.09	23.08	22.97	24.50	0
		1	24	23.01	22.90	23.03	24.50	0
		12	0	21.98	21.96	21.96	23.50	1
		12	6	22.05	21.96	21.94	23.50	1
		12	13	22.03	22.08	22.00	23.50	1
		25	0	22.03	22.07	22.04	23.50	1
5	16-QAM	1	0	21.96	22.00	22.03	23.50	1
		1	12	22.12	21.93	21.97	23.50	1
		1	24	22.01	22.01	21.88	23.50	1
		12	0	21.11	21.00	21.01	22.50	2
		12	6	20.98	20.98	21.00	22.50	2
		12	13	21.02	21.02	21.00	22.50	2
		25	0	21.00	20.91	21.10	22.50	2
5	64-QAM	1	0	21.02	20.99	20.94	22.50	2
		1	12	21.04	20.98	20.98	22.50	2
		1	24	20.97	21.03	20.97	22.50	2
		12	0	20.04	20.07	20.06	21.50	3
		12	6	20.01	19.99	20.04	21.50	3
		12	13	19.99	20.09	19.86	21.50	3
		25	0	19.95	19.92	19.89	21.50	3
5	256-QAM	1	0	19.90	19.94	20.01	21.50	3
		1	12	20.08	19.99	20.01	21.50	3
		1	24	19.91	20.06	20.05	21.50	3
		12	0	19.04	19.04	19.01	20.50	4
		12	6	18.98	19.00	18.97	20.50	4
		12	13	19.05	18.90	19.08	20.50	4
		25	0	18.95	19.01	19.13	20.50	4

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				825.5	836.5	847.5		
Channel				20415	20525	20635		
3	QPSK	1	0	22.87	23.02	22.93	24.50	0
		1	7	23.00	22.97	22.97	24.50	0
		1	14	23.01	22.99	23.03	24.50	0
		8	0	22.04	21.92	22.06	23.50	1
		8	4	22.01	21.93	21.97	23.50	1
		8	7	21.98	22.02	22.10	23.50	1
		15	0	22.04	21.93	21.98	23.50	1
3	16-QAM	1	0	22.03	21.95	21.88	23.50	1
		1	7	22.10	21.96	21.96	23.50	1
		1	14	21.96	21.90	22.00	23.50	1
		8	0	21.11	20.97	20.91	22.50	2
		8	4	21.02	20.98	20.99	22.50	2
		8	7	20.95	20.99	21.02	22.50	2
		15	0	21.02	21.01	20.98	22.50	2
3	64-QAM	1	0	20.98	21.14	21.06	22.50	2
		1	7	21.07	20.99	20.95	22.50	2
		1	14	21.01	21.05	20.96	22.50	2
		8	0	19.93	19.99	20.06	21.50	3
		8	4	19.96	19.91	19.99	21.50	3
		8	7	19.89	20.01	20.09	21.50	3
		15	0	19.95	20.09	19.90	21.50	3
3	256-QAM	1	0	19.97	20.04	19.99	21.50	3
		1	7	19.93	20.05	20.11	21.50	3
		1	14	20.01	20.01	20.01	21.50	3
		8	0	19.13	18.90	18.96	20.50	4
		8	4	18.89	19.02	19.00	20.50	4
		8	7	19.10	18.97	18.96	20.50	4
		15	0	18.98	18.92	19.00	20.50	4

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	22.89	23.01	22.93	24.50	0
		1	2	22.77	22.74	22.78	24.50	0
		1	5	22.75	22.67	22.70	24.50	0
		3	0	22.73	22.85	22.75	24.50	0
		3	2	22.77	22.60	22.68	24.50	0
		3	3	22.74	22.77	22.76	24.50	0
		6	0	21.70	21.67	21.72	23.50	1
1.4	16-QAM	1	0	21.69	21.75	21.75	23.50	1
		1	2	21.68	21.76	21.85	23.50	1
		1	5	21.73	21.66	21.67	23.50	1
		3	0	21.75	21.72	21.60	23.50	1
		3	2	21.66	21.77	21.79	23.50	1
		3	3	21.75	21.72	21.73	23.50	1
		6	0	20.84	20.66	20.76	22.50	2
1.4	64-QAM	1	0	20.80	20.71	20.77	22.50	2
		1	2	20.59	20.75	20.67	22.50	2
		1	5	20.70	20.77	20.75	22.50	2
		3	0	20.67	20.69	20.60	22.50	2
		3	2	20.82	20.74	20.83	22.50	2
		3	3	20.82	20.82	20.76	22.50	2
		6	0	19.69	19.72	19.76	21.50	3
1.4	256-QAM	1	0	19.71	19.75	19.66	21.50	3
		1	2	19.65	19.68	19.81	21.50	3
		1	5	19.77	19.79	19.66	21.50	3
		3	0	19.75	19.69	19.82	21.50	3
		3	2	19.82	19.78	19.69	21.50	3
		3	3	19.64	19.83	19.65	21.50	3
		6	0	18.72	18.68	18.74	20.50	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)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	23.33	23.77	23.52	24.00	0
		1	50	23.06	23.17	23.19	24.00	0
		1	99	23.23	23.14	23.04	24.00	0
		50	0	22.04	22.26	22.15	23.00	1
		50	25	22.17	22.15	22.24	23.00	1
		50	50	22.12	22.25	22.18	23.00	1
		100	0	22.28	22.19	22.16	23.00	1
20	16-QAM	1	0	22.19	22.20	22.26	23.00	1
		1	50	22.12	22.22	22.11	23.00	1
		1	99	22.08	22.15	22.21	23.00	1
		50	0	21.05	21.18	21.09	22.00	2
		50	25	21.19	21.08	21.24	22.00	2
		50	50	21.24	21.16	21.10	22.00	2
		100	0	21.22	21.20	21.22	22.00	2
20	64-QAM	1	0	21.20	21.20	21.16	22.00	2
		1	50	21.21	21.23	21.17	22.00	2
		1	99	21.13	21.15	21.25	22.00	2
		50	0	20.21	20.19	20.16	21.00	3
		50	25	20.14	20.28	20.14	21.00	3
		50	50	20.12	20.05	20.06	21.00	3
		100	0	20.19	20.19	20.17	21.00	3
20	256-QAM	1	0	20.30	20.11	20.12	21.00	3
		1	50	20.13	20.18	20.14	21.00	3
		1	99	20.19	20.29	20.13	21.00	3
		50	0	19.26	19.05	19.14	20.00	4
		50	25	19.22	19.11	19.23	20.00	4
		50	50	19.20	19.21	19.17	20.00	4
		100	0	19.07	19.13	19.07	20.00	4

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	23.11	23.21	23.21	24.00	0
		1	36	23.16	23.24	23.15	24.00	0
		1	74	23.13	23.20	23.19	24.00	0
		36	0	22.05	22.13	22.19	23.00	1
		36	18	22.26	22.22	22.17	23.00	1
		36	37	22.14	22.25	22.15	23.00	1
		75	0	22.16	22.14	22.19	23.00	1
15	16-QAM	1	0	22.15	22.18	22.04	23.00	1
		1	36	22.15	22.26	22.17	23.00	1
		1	74	22.09	22.18	22.12	23.00	1
		36	0	21.19	21.11	21.17	22.00	2
		36	18	21.15	21.18	21.09	22.00	2
		36	37	21.22	21.10	21.21	22.00	2
		75	0	21.18	21.19	21.10	22.00	2
15	64-QAM	1	0	21.19	21.15	21.21	22.00	2
		1	36	21.20	21.14	21.15	22.00	2
		1	74	21.12	21.23	21.10	22.00	2
		36	0	20.15	20.17	20.17	21.00	3
		36	18	20.13	20.27	20.14	21.00	3
		36	37	20.19	20.26	20.16	21.00	3
		75	0	20.18	20.13	20.10	21.00	3
15	256-QAM	1	0	20.06	20.21	20.25	21.00	3
		1	36	20.31	20.18	20.11	21.00	3
		1	74	20.24	20.13	20.22	21.00	3
		36	0	19.23	19.26	19.04	20.00	4
		36	18	19.22	19.21	19.18	20.00	4
		36	37	19.21	19.23	19.15	20.00	4
		75	0	19.08	19.13	19.23	20.00	4

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	23.18	23.20	23.05	24.00	0
		1	25	23.07	23.26	23.07	24.00	0
		1	49	23.24	23.13	23.15	24.00	0
		25	0	22.15	22.12	22.25	23.00	1
		25	12	22.19	22.12	22.18	23.00	1
		25	25	22.14	22.18	22.23	23.00	1
		50	0	22.22	22.16	22.28	23.00	1
10	16-QAM	1	0	22.22	22.31	22.16	23.00	1
		1	25	22.16	22.23	22.17	23.00	1
		1	49	22.28	22.25	22.19	23.00	1
		25	0	21.14	21.15	21.17	22.00	2
		25	12	21.26	21.08	21.15	22.00	2
		25	25	21.18	21.20	21.07	22.00	2
		50	0	21.18	21.09	21.23	22.00	2
10	64-QAM	1	0	21.11	21.22	21.09	22.00	2
		1	25	21.07	21.15	21.13	22.00	2
		1	49	21.15	21.29	21.17	22.00	2
		25	0	20.26	20.16	20.22	21.00	3
		25	12	20.25	20.21	20.09	21.00	3
		25	25	20.18	20.18	20.10	21.00	3
		50	0	20.08	20.18	20.24	21.00	3
10	256-QAM	1	0	20.13	20.24	20.16	21.00	3
		1	25	20.26	20.03	20.11	21.00	3
		1	49	20.07	20.11	20.14	21.00	3
		25	0	19.11	19.05	19.11	20.00	4
		25	12	19.22	19.28	19.16	20.00	4
		25	25	19.22	19.16	19.16	20.00	4
		50	0	19.18	19.17	19.25	20.00	4

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	23.05	23.17	23.14	24.00	0
		1	12	23.14	23.23	23.14	24.00	0
		1	24	23.16	23.12	23.10	24.00	0
		12	0	22.16	22.20	22.18	23.00	1
		12	6	22.12	22.20	22.06	23.00	1
		12	13	22.10	22.29	22.20	23.00	1
		25	0	22.20	22.15	22.19	23.00	1
5	16-QAM	1	0	22.22	22.29	22.22	23.00	1
		1	12	22.26	22.16	22.26	23.00	1
		1	24	22.13	22.10	22.22	23.00	1
		12	0	21.21	21.25	21.27	22.00	2
		12	6	21.10	21.19	21.21	22.00	2
		12	13	21.14	21.21	21.13	22.00	2
		25	0	21.27	21.07	21.11	22.00	2
5	64-QAM	1	0	21.17	21.20	21.22	22.00	2
		1	12	21.14	21.13	21.19	22.00	2
		1	24	21.20	21.17	21.16	22.00	2
		12	0	20.10	20.29	20.21	21.00	3
		12	6	20.25	20.06	20.10	21.00	3
		12	13	20.17	20.08	20.07	21.00	3
		25	0	20.22	20.18	20.12	21.00	3
5	256-QAM	1	0	20.23	20.17	20.24	21.00	3
		1	12	20.19	20.11	20.21	21.00	3
		1	24	20.25	20.06	20.16	21.00	3
		12	0	19.17	19.19	19.23	20.00	4
		12	6	19.31	19.19	19.24	20.00	4
		12	13	19.23	19.16	19.20	20.00	4
		25	0	19.19	19.06	19.06	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	23.57	23.74	24.07	24.50	0
		1	25	23.39	23.46	23.46	24.50	0
		1	49	23.44	23.40	23.50	24.50	0
		25	0	22.44	22.47	22.46	23.50	1
		25	12	22.42	22.34	22.37	23.50	1
		25	25	22.42	22.38	22.40	23.50	1
		50	0	22.42	22.50	22.38	23.50	1
10	16-QAM	1	0	22.41	22.45	22.39	23.50	1
		1	25	22.42	22.34	22.46	23.50	1
		1	49	22.38	22.47	22.38	23.50	1
		25	0	21.42	21.36	21.37	22.50	2
		25	12	21.39	21.45	21.37	22.50	2
		25	25	21.54	21.51	21.38	22.50	2
		50	0	21.41	21.45	21.50	22.50	2
10	64-QAM	1	0	21.41	21.45	21.38	22.50	2
		1	25	21.46	21.37	21.45	22.50	2
		1	49	21.46	21.41	21.46	22.50	2
		25	0	20.33	20.39	20.45	21.50	3
		25	12	20.35	20.34	20.41	21.50	3
		25	25	20.42	20.42	20.31	21.50	3
		50	0	20.38	20.41	20.43	21.50	3
10	256-QAM	1	0	20.42	20.46	20.45	21.50	3
		1	25	20.38	20.41	20.44	21.50	3
		1	49	20.38	20.33	20.42	21.50	3
		25	0	19.32	19.44	19.51	20.50	4
		25	12	19.46	19.49	19.48	20.50	4
		25	25	19.42	19.39	19.37	20.50	4
		50	0	19.38	19.40	19.40	20.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				23035	23095	23155		
5	QPSK	1	0	23.37	23.53	23.48	24.50	0
		1	12	23.46	23.44	23.41	24.50	0
		1	24	23.38	23.42	23.41	24.50	0
		12	0	22.48	22.34	22.46	23.50	1
		12	6	22.36	22.46	22.31	23.50	1
		12	13	22.52	22.51	22.52	23.50	1
		25	0	22.47	22.43	22.46	23.50	1
5	16-QAM	1	0	22.42	22.40	22.42	23.50	1
		1	12	22.46	22.43	22.45	23.50	1
		1	24	22.49	22.50	22.44	23.50	1
		12	0	21.44	21.46	21.47	22.50	2
		12	6	21.38	21.40	21.44	22.50	2
		12	13	21.32	21.34	21.47	22.50	2
		25	0	21.37	21.42	21.38	22.50	2
5	64-QAM	1	0	21.34	21.34	21.39	22.50	2
		1	12	21.35	21.53	21.39	22.50	2
		1	24	21.43	21.37	21.41	22.50	2
		12	0	20.44	20.45	20.42	21.50	3
		12	6	20.49	20.28	20.33	21.50	3
		12	13	20.35	20.43	20.44	21.50	3
		25	0	20.46	20.38	20.34	21.50	3
5	256-QAM	1	0	20.49	20.55	20.36	21.50	3
		1	12	20.47	20.28	20.47	21.50	3
		1	24	20.45	20.34	20.47	21.50	3
		12	0	19.46	19.36	19.49	20.50	4
		12	6	19.33	19.43	19.42	20.50	4
		12	13	19.30	19.41	19.35	20.50	4
		25	0	19.47	19.30	19.47	20.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				700.5	707.5	714.5		
Channel				23025	23095	23165		
3	QPSK	1	0	23.51	23.44	23.38	24.50	0
		1	7	23.41	23.44	23.40	24.50	0
		1	14	23.46	23.33	23.40	24.50	0
		8	0	22.40	22.44	22.40	23.50	1
		8	4	22.38	22.45	22.41	23.50	1
		8	7	22.45	22.54	22.51	23.50	1
		15	0	22.41	22.48	22.37	23.50	1
3	16-QAM	1	0	22.45	22.46	22.39	23.50	1
		1	7	22.51	22.34	22.47	23.50	1
		1	14	22.44	22.41	22.43	23.50	1
		8	0	21.52	21.37	21.37	22.50	2
		8	4	21.37	21.44	21.45	22.50	2
		8	7	21.40	21.39	21.40	22.50	2
		15	0	21.40	21.35	21.42	22.50	2
3	64-QAM	1	0	21.41	21.44	21.41	22.50	2
		1	7	21.33	21.43	21.46	22.50	2
		1	14	21.40	21.41	21.32	22.50	2
		8	0	20.39	20.31	20.41	21.50	3
		8	4	20.38	20.37	20.40	21.50	3
		8	7	20.35	20.49	20.34	21.50	3
		15	0	20.52	20.36	20.43	21.50	3
3	256-QAM	1	0	20.53	20.46	20.39	21.50	3
		1	7	20.31	20.33	20.36	21.50	3
		1	14	20.42	20.34	20.35	21.50	3
		8	0	19.48	19.49	19.38	20.50	4
		8	4	19.38	19.49	19.49	20.50	4
		8	7	19.44	19.43	19.34	20.50	4
		15	0	19.34	19.46	19.39	20.50	4

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	23.56	23.68	23.58	24.50	0
		1	2	23.40	23.34	23.30	24.50	0
		1	5	23.34	23.42	23.35	24.50	0
		3	0	23.48	23.38	23.45	24.50	0
		3	2	23.37	23.43	23.42	24.50	0
		3	3	23.38	23.39	23.42	24.50	0
		6	0	22.40	22.39	22.41	23.50	1
1.4	16-QAM	1	0	22.44	22.37	22.51	23.50	1
		1	2	22.43	22.28	22.39	23.50	1
		1	5	22.42	22.43	22.45	23.50	1
		3	0	22.49	22.29	22.33	23.50	1
		3	2	22.38	22.34	22.36	23.50	1
		3	3	22.38	22.43	22.40	23.50	1
		6	0	21.48	21.40	21.49	22.50	2
1.4	64-QAM	1	0	21.39	21.42	21.40	22.50	2
		1	2	21.41	21.40	21.41	22.50	2
		1	5	21.42	21.37	21.47	22.50	2
		3	0	21.42	21.32	21.44	22.50	2
		3	2	21.30	21.36	21.45	22.50	2
		3	3	21.36	21.37	21.40	22.50	2
		6	0	20.39	20.47	20.37	21.50	3
1.4	256-QAM	1	0	20.41	20.35	20.35	21.50	3
		1	2	20.35	20.30	20.36	21.50	3
		1	5	20.31	20.47	20.45	21.50	3
		3	0	20.31	20.40	20.27	21.50	3
		3	2	20.40	20.34	20.40	21.50	3
		3	3	20.47	20.49	20.51	21.50	3
		6	0	19.41	19.43	19.35	20.50	4

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					782			
Channel					23230			
10	QPSK	1	0		24.13		24.50	0
		1	25		23.96		24.50	0
		1	49		23.90		24.50	0
		25	0		22.92		23.50	1
		25	12		22.93		23.50	1
		25	25		22.97		23.50	1
		50	0		22.90		23.50	1
10	16-QAM	1	0		23.02		23.50	1
		1	25		22.97		23.50	1
		1	49		22.92		23.50	1
		25	0		21.99		22.50	2
		25	12		22.02		22.50	2
		25	25		22.02		22.50	2
		50	0		22.03		22.50	2
10	64-QAM	1	0		21.92		22.50	2
		1	25		21.99		22.50	2
		1	49		21.96		22.50	2
		25	0		21.00		21.50	3
		25	12		21.08		21.50	3
		25	25		20.97		21.50	3
		50	0		20.99		21.50	3
10	256-QAM	1	0		20.99		21.50	3
		1	25		21.10		21.50	3
		1	49		21.09		21.50	3
		25	0		19.87		20.50	4
		25	12		20.04		20.50	4
		25	25		19.84		20.50	4
		50	0		19.95		20.50	4

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LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				779.5	782	784.5		
Channel				23205	23230	23255		
5	QPSK	1	0	24.07	24.03	24.06	24.50	0
		1	12	23.90	23.92	23.80	24.50	0
		1	24	23.91	23.89	24.02	24.50	0
		12	0	22.96	22.94	22.88	23.50	1
		12	6	22.84	23.00	22.93	23.50	1
		12	13	22.92	22.99	23.01	23.50	1
		25	0	22.84	22.83	22.95	23.50	1
5	16-QAM	1	0	22.99	22.91	22.90	23.50	1
		1	12	23.02	22.87	22.80	23.50	1
		1	24	22.96	22.89	22.82	23.50	1
		12	0	21.89	21.94	21.98	22.50	2
		12	6	21.94	21.86	21.92	22.50	2
		12	13	21.87	21.89	22.01	22.50	2
		25	0	21.89	21.89	21.89	22.50	2
5	64-QAM	1	0	21.78	21.88	21.89	22.50	2
		1	12	21.82	22.01	21.85	22.50	2
		1	24	21.89	21.87	21.98	22.50	2
		12	0	20.92	20.83	20.83	21.50	3
		12	6	20.91	20.91	20.78	21.50	3
		12	13	20.81	20.94	20.96	21.50	3
		25	0	20.92	20.92	20.95	21.50	3
5	256-QAM	1	0	20.85	20.92	20.83	21.50	3
		1	12	20.97	20.98	20.87	21.50	3
		1	24	20.90	20.84	20.92	21.50	3
		12	0	19.93	19.85	19.89	20.50	4
		12	6	19.91	19.83	19.96	20.50	4
		12	13	19.89	19.98	19.98	20.50	4
		25	0	19.94	19.90	20.04	20.50	4

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LTE Band 14								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					793			
Channel					23330			
10	QPSK	1	0		24.22		24.50	0
		1	25		23.99		24.50	0
		1	49		24.06		24.50	0
		25	0		23.06		23.50	1
		25	12		23.06		23.50	1
		25	25		23.03		23.50	1
		50	0		23.12		23.50	1
10	16-QAM	1	0		23.11		23.50	1
		1	25		23.07		23.50	1
		1	49		22.93		23.50	1
		25	0		22.07		22.50	2
		25	12		22.02		22.50	2
		25	25		22.13		22.50	2
		50	0		22.11		22.50	2
10	64-QAM	1	0		22.07		22.50	2
		1	25		22.09		22.50	2
		1	49		21.93		22.50	2
		25	0		21.00		21.50	3
		25	12		20.95		21.50	3
		25	25		21.06		21.50	3
		50	0		21.08		21.50	3
10	256-QAM	1	0		21.06		21.50	3
		1	25		21.02		21.50	3
		1	49		21.04		21.50	3
		25	0		20.00		20.50	4
		25	12		19.98		20.50	4
		25	25		20.10		20.50	4
		50	0		20.06		20.50	4

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LTE Band 14								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				790.5	793	795.5		
Channel				23305	23330	23355		
5	QPSK	1	0	24.11	24.08	24.10	24.50	0
		1	12	24.07	23.95	23.90	24.50	0
		1	24	24.06	24.02	23.97	24.50	0
		12	0	22.94	23.02	22.96	23.50	1
		12	6	22.90	22.97	22.83	23.50	1
		12	13	22.98	22.88	22.90	23.50	1
		25	0	23.07	22.96	22.99	23.50	1
5	16-QAM	1	0	23.01	23.00	22.89	23.50	1
		1	12	22.98	23.01	23.03	23.50	1
		1	24	22.91	22.98	22.93	23.50	1
		12	0	21.89	21.87	21.92	22.50	2
		12	6	21.90	22.04	21.85	22.50	2
		12	13	21.89	21.94	21.94	22.50	2
		25	0	22.00	22.03	21.97	22.50	2
5	64-QAM	1	0	21.89	21.97	21.93	22.50	2
		1	12	21.93	21.95	21.87	22.50	2
		1	24	21.97	21.90	21.96	22.50	2
		12	0	20.85	20.96	21.06	21.50	3
		12	6	20.94	20.82	20.90	21.50	3
		12	13	21.00	20.97	20.99	21.50	3
		25	0	20.94	20.92	21.01	21.50	3
5	256-QAM	1	0	20.84	20.92	20.90	21.50	3
		1	12	20.93	20.96	20.84	21.50	3
		1	24	21.01	20.96	20.99	21.50	3
		12	0	19.90	19.83	20.03	20.50	4
		12	6	19.96	19.84	19.89	20.50	4
		12	13	19.90	19.94	20.06	20.50	4
		25	0	19.82	20.08	20.07	20.50	4

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				709	710	711		
Channel				23780	23790	23800		
10	QPSK	1	0	23.68	23.74	23.81	24.50	0
		1	25	23.50	23.56	23.58	24.50	0
		1	49	23.59	23.47	23.55	24.50	0
		25	0	22.40	22.50	22.60	23.50	1
		25	12	22.46	22.56	22.62	23.50	1
		25	25	22.48	22.48	22.46	23.50	1
		50	0	22.64	22.65	22.51	23.50	1
10	16-QAM	1	0	22.56	22.50	22.54	23.50	1
		1	25	22.58	22.55	22.39	23.50	1
		1	49	22.58	22.44	22.50	23.50	1
		25	0	21.58	21.44	21.46	22.50	2
		25	12	21.53	21.48	21.43	22.50	2
		25	25	21.50	21.56	21.58	22.50	2
		50	0	21.58	21.43	21.41	22.50	2
10	64-QAM	1	0	21.51	21.49	21.51	22.50	2
		1	25	21.54	21.59	21.47	22.50	2
		1	49	21.54	21.47	21.49	22.50	2
		25	0	20.53	20.50	20.52	21.50	3
		25	12	20.51	20.55	20.47	21.50	3
		25	25	20.49	20.64	20.54	21.50	3
		50	0	20.42	20.52	20.43	21.50	3
10	256-QAM	1	0	20.48	20.57	20.58	21.50	3
		1	25	20.55	20.55	20.48	21.50	3
		1	49	20.52	20.48	20.50	21.50	3
		25	0	19.47	19.59	19.49	20.50	4
		25	12	19.51	19.55	19.62	20.50	4
		25	25	19.59	19.55	19.50	20.50	4
		50	0	19.63	19.54	19.59	20.50	4

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	710	713.5		
Channel				23755	23790	23825		
5	QPSK	1	0	23.54	23.49	23.57	24.50	0
		1	12	23.53	23.39	23.58	24.50	0
		1	24	23.57	23.57	23.61	24.50	0
		12	0	22.57	22.60	22.51	23.50	1
		12	6	22.46	22.45	22.49	23.50	1
		12	13	22.47	22.55	22.44	23.50	1
		25	0	22.49	22.46	22.61	23.50	1
5	16-QAM	1	0	22.56	22.54	22.47	23.50	1
		1	12	22.40	22.51	22.46	23.50	1
		1	24	22.59	22.54	22.47	23.50	1
		12	0	21.47	21.43	21.57	22.50	2
		12	6	21.48	21.50	21.46	22.50	2
		12	13	21.52	21.48	21.55	22.50	2
		25	0	21.49	21.40	21.63	22.50	2
5	64-QAM	1	0	21.50	21.54	21.53	22.50	2
		1	12	21.44	21.46	21.55	22.50	2
		1	24	21.52	21.42	21.48	22.50	2
		12	0	20.49	20.51	20.52	21.50	3
		12	6	20.52	20.38	20.47	21.50	3
		12	13	20.43	20.58	20.49	21.50	3
		25	0	20.49	20.53	20.43	21.50	3
5	256-QAM	1	0	20.51	20.44	20.52	21.50	3
		1	12	20.43	20.40	20.54	21.50	3
		1	24	20.48	20.52	20.54	21.50	3
		12	0	19.42	19.55	19.52	20.50	4
		12	6	19.46	19.57	19.52	20.50	4
		12	13	19.63	19.47	19.63	20.50	4
		25	0	19.57	19.52	19.57	20.50	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	23.85	23.86	23.33	24.00	0
		1	50	23.77	23.68	23.71	24.00	0
		1	99	23.74	23.66	23.68	24.00	0
		50	0	22.77	22.69	22.67	23.00	1
		50	25	22.72	22.58	22.70	23.00	1
		50	50	22.60	22.73	22.61	23.00	1
		100	0	22.61	22.65	22.73	23.00	1
20	16-QAM	1	0	22.66	22.78	22.68	23.00	1
		1	50	22.73	22.69	22.69	23.00	1
		1	99	22.75	22.66	22.65	23.00	1
		50	0	21.72	21.70	21.59	22.00	2
		50	25	21.68	21.62	21.69	22.00	2
		50	50	21.70	21.72	21.67	22.00	2
		100	0	21.71	21.69	21.59	22.00	2
20	64-QAM	1	0	21.74	21.70	21.68	22.00	2
		1	50	21.71	21.71	21.66	22.00	2
		1	99	21.78	21.72	21.66	22.00	2
		50	0	20.66	20.70	20.64	21.00	3
		50	25	20.57	20.77	20.71	21.00	3
		50	50	20.67	20.69	20.78	21.00	3
		100	0	20.80	20.61	20.73	21.00	3
20	256-QAM	1	0	20.68	20.65	20.75	21.00	3
		1	50	20.72	20.63	20.75	21.00	3
		1	99	20.79	20.69	20.67	21.00	3
		50	0	19.69	19.79	19.64	20.00	4
		50	25	19.65	19.73	19.57	20.00	4
		50	50	19.74	19.79	19.71	20.00	4
		100	0	19.70	19.74	19.72	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	23.72	23.72	23.73	24.00	0
		1	36	23.69	23.71	23.64	24.00	0
		1	74	23.59	23.74	23.74	24.00	0
		36	0	22.58	22.69	22.80	23.00	1
		36	18	22.68	22.77	22.77	23.00	1
		36	37	22.72	22.74	22.71	23.00	1
		75	0	22.65	22.60	22.65	23.00	1
15	16-QAM	1	0	22.65	22.58	22.73	23.00	1
		1	36	22.59	22.65	22.62	23.00	1
		1	74	22.71	22.75	22.77	23.00	1
		36	0	21.63	21.62	21.79	22.00	2
		36	18	21.56	21.62	21.59	22.00	2
		36	37	21.76	21.66	21.65	22.00	2
		75	0	21.65	21.64	21.61	22.00	2
15	64-QAM	1	0	21.75	21.72	21.75	22.00	2
		1	36	21.77	21.64	21.56	22.00	2
		1	74	21.56	21.67	21.61	22.00	2
		36	0	20.65	20.64	20.70	21.00	3
		36	18	20.70	20.65	20.70	21.00	3
		36	37	20.82	20.76	20.66	21.00	3
		75	0	20.68	20.76	20.59	21.00	3
15	256-QAM	1	0	20.72	20.67	20.62	21.00	3
		1	36	20.69	20.60	20.79	21.00	3
		1	74	20.65	20.62	20.76	21.00	3
		36	0	19.64	19.66	19.70	20.00	4
		36	18	19.68	19.71	19.80	20.00	4
		36	37	19.67	19.56	19.80	20.00	4
		75	0	19.72	19.66	19.55	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	23.66	23.76	23.66	24.00	0
		1	25	23.76	23.73	23.58	24.00	0
		1	49	23.60	23.59	23.73	24.00	0
		25	0	22.65	22.76	22.65	23.00	1
		25	12	22.61	22.76	22.69	23.00	1
		25	25	22.70	22.63	22.70	23.00	1
		50	0	22.71	22.82	22.77	23.00	1
10	16-QAM	1	0	22.79	22.80	22.63	23.00	1
		1	25	22.70	22.66	22.79	23.00	1
		1	49	22.57	22.57	22.62	23.00	1
		25	0	21.63	21.67	21.79	22.00	2
		25	12	21.59	21.65	21.69	22.00	2
		25	25	21.62	21.71	21.79	22.00	2
		50	0	21.69	21.72	21.71	22.00	2
10	64-QAM	1	0	21.71	21.72	21.64	22.00	2
		1	25	21.65	21.69	21.77	22.00	2
		1	49	21.81	21.62	21.58	22.00	2
		25	0	20.74	20.68	20.69	21.00	3
		25	12	20.81	20.64	20.73	21.00	3
		25	25	20.60	20.62	20.66	21.00	3
		50	0	20.66	20.73	20.67	21.00	3
10	256-QAM	1	0	20.68	20.64	20.70	21.00	3
		1	25	20.73	20.64	20.69	21.00	3
		1	49	20.65	20.75	20.71	21.00	3
		25	0	19.64	19.66	19.75	20.00	4
		25	12	19.69	19.60	19.57	20.00	4
		25	25	19.60	19.78	19.70	20.00	4
		50	0	19.73	19.73	19.77	20.00	4

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	23.68	23.70	23.76	24.00	0
		1	12	23.60	23.66	23.75	24.00	0
		1	24	23.59	23.57	23.68	24.00	0
		12	0	22.63	22.82	22.71	23.00	1
		12	6	22.70	22.69	22.69	23.00	1
		12	13	22.69	22.70	22.75	23.00	1
		25	0	22.79	22.71	22.69	23.00	1
5	16-QAM	1	0	22.69	22.70	22.63	23.00	1
		1	12	22.68	22.74	22.70	23.00	1
		1	24	22.73	22.75	22.61	23.00	1
		12	0	21.65	21.68	21.71	22.00	2
		12	6	21.71	21.69	21.78	22.00	2
		12	13	21.55	21.74	21.64	22.00	2
		25	0	21.80	21.62	21.65	22.00	2
5	64-QAM	1	0	21.66	21.76	21.76	22.00	2
		1	12	21.67	21.80	21.58	22.00	2
		1	24	21.69	21.70	21.59	22.00	2
		12	0	20.70	20.63	20.60	21.00	3
		12	6	20.73	20.73	20.61	21.00	3
		12	13	20.61	20.79	20.81	21.00	3
		25	0	20.72	20.74	20.66	21.00	3
5	256-QAM	1	0	20.72	20.67	20.67	21.00	3
		1	12	20.68	20.67	20.69	21.00	3
		1	24	20.67	20.76	20.59	21.00	3
		12	0	19.79	19.58	19.65	20.00	4
		12	6	19.70	19.79	19.66	20.00	4
		12	13	19.73	19.70	19.65	20.00	4
		25	0	19.75	19.68	19.77	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	23.64	23.63	23.62	24.00	0
		1	7	23.70	23.79	23.73	24.00	0
		1	14	23.75	23.72	23.73	24.00	0
		8	0	22.56	22.79	22.59	23.00	1
		8	4	22.70	22.69	22.72	23.00	1
		8	7	22.68	22.74	22.74	23.00	1
		15	0	22.65	22.76	22.72	23.00	1
3	16-QAM	1	0	22.67	22.58	22.81	23.00	1
		1	7	22.72	22.73	22.76	23.00	1
		1	14	22.65	22.65	22.66	23.00	1
		8	0	21.72	21.64	21.77	22.00	2
		8	4	21.71	21.75	21.67	22.00	2
		8	7	21.66	21.63	21.77	22.00	2
		15	0	21.73	21.73	21.67	22.00	2
3	64-QAM	1	0	21.65	21.65	21.76	22.00	2
		1	7	21.60	21.75	21.68	22.00	2
		1	14	21.59	21.62	21.72	22.00	2
		8	0	20.69	20.68	20.71	21.00	3
		8	4	20.70	20.71	20.63	21.00	3
		8	7	20.73	20.69	20.67	21.00	3
		15	0	20.63	20.68	20.60	21.00	3
3	256-QAM	1	0	20.80	20.71	20.61	21.00	3
		1	7	20.66	20.74	20.69	21.00	3
		1	14	20.69	20.63	20.70	21.00	3
		8	0	19.60	19.60	19.72	20.00	4
		8	4	19.67	19.73	19.66	20.00	4
		8	7	19.73	19.71	19.62	20.00	4
		15	0	19.64	19.75	19.71	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	23.60	23.58	23.54	24.00	0
		1	2	23.31	23.35	23.39	24.00	0
		1	5	23.54	23.34	23.46	24.00	0
		3	0	23.34	23.48	23.40	24.00	0
		3	2	23.43	23.40	23.44	24.00	0
		3	3	23.56	23.37	23.52	24.00	0
		6	0	22.56	22.44	22.42	23.00	1
1.4	16-QAM	1	0	22.52	22.44	22.43	23.00	1
		1	2	22.48	22.37	22.42	23.00	1
		1	5	22.36	22.53	22.41	23.00	1
		3	0	22.48	22.42	22.42	23.00	1
		3	2	22.42	22.42	22.38	23.00	1
		3	3	22.48	22.53	22.45	23.00	1
		6	0	21.36	21.45	21.50	22.00	2
1.4	64-QAM	1	0	21.49	21.40	21.51	22.00	2
		1	2	21.42	21.48	21.33	22.00	2
		1	5	21.46	21.41	21.50	22.00	2
		3	0	21.36	21.36	21.44	22.00	2
		3	2	21.37	21.46	21.46	22.00	2
		3	3	21.48	21.49	21.42	22.00	2
		6	0	20.33	20.37	20.54	21.00	3
1.4	256-QAM	1	0	20.35	20.44	20.38	21.00	3
		1	2	20.54	20.48	20.46	21.00	3
		1	5	20.41	20.51	20.36	21.00	3
		3	0	20.48	20.55	20.41	21.00	3
		3	2	20.42	20.47	20.44	21.00	3
		3	3	20.46	20.38	20.41	21.00	3
		6	0	19.43	19.49	19.47	20.00	4

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				821.5	831.5	841.5		
Channel				26765	26865	26965		
15	QPSK	1	0	23.75	23.56	23.68	24.50	0
		1	36	23.62	23.60	23.55	24.50	0
		1	74	23.59	23.57	23.58	24.50	0
		36	0	22.54	22.56	22.56	23.50	1
		36	18	22.57	22.67	22.61	23.50	1
		36	37	22.60	22.51	22.64	23.50	1
		75	0	22.49	22.63	22.48	23.50	1
15	16-QAM	1	0	22.69	22.63	22.61	23.50	1
		1	36	22.72	22.57	22.60	23.50	1
		1	74	22.60	22.66	22.57	23.50	1
		36	0	21.54	21.57	21.65	22.50	2
		36	18	21.67	21.62	21.59	22.50	2
		36	37	21.66	21.59	21.62	22.50	2
		75	0	21.58	21.61	21.55	22.50	2
15	64-QAM	1	0	21.70	21.56	21.64	22.50	2
		1	36	21.46	21.51	21.56	22.50	2
		1	74	21.64	21.59	21.57	22.50	2
		36	0	20.65	20.63	20.62	21.50	3
		36	18	20.50	20.64	20.54	21.50	3
		36	37	20.57	20.67	20.55	21.50	3
		75	0	20.54	20.60	20.59	21.50	3
15	256-QAM	1	0	20.59	20.66	20.57	21.50	3
		1	36	20.60	20.63	20.66	21.50	3
		1	74	20.51	20.62	20.58	21.50	3
		36	0	19.58	19.64	19.62	20.50	4
		36	18	19.57	19.55	19.61	20.50	4
		36	37	19.62	19.59	19.46	20.50	4
		75	0	19.48	19.58	19.64	20.50	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	23.59	23.55	23.66	24.50	0
		1	25	23.59	23.65	23.61	24.50	0
		1	49	23.67	23.53	23.65	24.50	0
		25	0	22.63	22.47	22.64	23.50	1
		25	12	22.48	22.55	22.52	23.50	1
		25	25	22.62	22.59	22.55	23.50	1
		50	0	22.72	22.65	22.64	23.50	1
10	16-QAM	1	0	22.55	22.52	22.58	23.50	1
		1	25	22.61	22.63	22.65	23.50	1
		1	49	22.66	22.67	22.58	23.50	1
		25	0	21.68	21.58	21.64	22.50	2
		25	12	21.49	21.71	21.55	22.50	2
		25	25	21.53	21.60	21.56	22.50	2
		50	0	21.48	21.58	21.66	22.50	2
10	64-QAM	1	0	21.59	21.60	21.51	22.50	2
		1	25	21.53	21.61	21.64	22.50	2
		1	49	21.57	21.67	21.59	22.50	2
		25	0	20.53	20.65	20.61	21.50	3
		25	12	20.59	20.54	20.63	21.50	3
		25	25	20.55	20.54	20.47	21.50	3
		50	0	20.61	20.59	20.60	21.50	3
10	256-QAM	1	0	20.49	20.54	20.61	21.50	3
		1	25	20.58	20.61	20.51	21.50	3
		1	49	20.65	20.55	20.53	21.50	3
		25	0	19.53	19.60	19.59	20.50	4
		25	12	19.47	19.64	19.63	20.50	4
		25	25	19.62	19.56	19.56	20.50	4
		50	0	19.60	19.67	19.50	20.50	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	23.59	23.64	23.61	24.50	0
		1	12	23.64	23.49	23.48	24.50	0
		1	24	23.59	23.59	23.68	24.50	0
		12	0	22.60	22.56	22.52	23.50	1
		12	6	22.54	22.62	22.58	23.50	1
		12	13	22.58	22.68	22.68	23.50	1
		25	0	22.66	22.66	22.56	23.50	1
5	16-QAM	1	0	22.58	22.63	22.56	23.50	1
		1	12	22.63	22.63	22.57	23.50	1
		1	24	22.55	22.70	22.62	23.50	1
		12	0	21.65	21.65	21.49	22.50	2
		12	6	21.58	21.52	21.54	22.50	2
		12	13	21.63	21.51	21.56	22.50	2
		25	0	21.61	21.56	21.63	22.50	2
5	64-QAM	1	0	21.58	21.68	21.64	22.50	2
		1	12	21.54	21.54	21.70	22.50	2
		1	24	21.59	21.62	21.56	22.50	2
		12	0	20.56	20.59	20.57	21.50	3
		12	6	20.62	20.68	20.54	21.50	3
		12	13	20.52	20.54	20.71	21.50	3
		25	0	20.61	20.60	20.59	21.50	3
5	256-QAM	1	0	20.51	20.67	20.63	21.50	3
		1	12	20.57	20.63	20.65	21.50	3
		1	24	20.58	20.54	20.58	21.50	3
		12	0	19.53	19.67	19.53	20.50	4
		12	6	19.69	19.49	19.59	20.50	4
		12	13	19.62	19.51	19.66	20.50	4
		25	0	19.50	19.66	19.55	20.50	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	23.54	23.56	23.55	24.50	0
		1	7	23.48	23.62	23.60	24.50	0
		1	14	23.61	23.64	23.54	24.50	0
		8	0	22.60	22.53	22.47	23.50	1
		8	4	22.54	22.61	22.55	23.50	1
		8	7	22.55	22.65	22.60	23.50	1
		15	0	22.55	22.57	22.53	23.50	1
3	16-QAM	1	0	22.61	22.56	22.54	23.50	1
		1	7	22.48	22.65	22.50	23.50	1
		1	14	22.59	22.53	22.51	23.50	1
		8	0	21.62	21.59	21.49	22.50	2
		8	4	21.67	21.62	21.49	22.50	2
		8	7	21.55	21.68	21.58	22.50	2
		15	0	21.67	21.66	21.62	22.50	2
3	64-QAM	1	0	21.53	21.56	21.61	22.50	2
		1	7	21.54	21.55	21.66	22.50	2
		1	14	21.60	21.58	21.51	22.50	2
		8	0	20.60	20.68	20.54	21.50	3
		8	4	20.52	20.65	20.58	21.50	3
		8	7	20.57	20.66	20.63	21.50	3
		15	0	20.60	20.60	20.53	21.50	3
3	256-QAM	1	0	20.59	20.58	20.53	21.50	3
		1	7	20.63	20.62	20.67	21.50	3
		1	14	20.53	20.54	20.72	21.50	3
		8	0	19.51	19.64	19.54	20.50	4
		8	4	19.63	19.64	19.63	20.50	4
		8	7	19.48	19.64	19.54	20.50	4
		15	0	19.59	19.57	19.69	20.50	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	23.57	23.46	23.49	24.50	0
		1	2	23.39	23.53	23.30	24.50	0
		1	5	23.46	23.42	23.38	24.50	0
		3	0	23.46	23.38	23.52	24.50	0
		3	2	23.33	23.39	23.53	24.50	0
		3	3	23.37	23.45	23.52	24.50	0
		6	0	22.41	22.38	22.38	23.50	1
1.4	16-QAM	1	0	22.34	22.33	22.51	23.50	1
		1	2	22.42	22.37	22.50	23.50	1
		1	5	22.39	22.53	22.46	23.50	1
		3	0	22.36	22.35	22.37	23.50	1
		3	2	22.32	22.39	22.41	23.50	1
		3	3	22.44	22.44	22.46	23.50	1
		6	0	21.41	21.30	21.43	22.50	2
1.4	64-QAM	1	0	21.50	21.36	21.42	22.50	2
		1	2	21.30	21.42	21.36	22.50	2
		1	5	21.41	21.42	21.44	22.50	2
		3	0	21.40	21.40	21.45	22.50	2
		3	2	21.43	21.42	21.41	22.50	2
		3	3	21.42	21.35	21.30	22.50	2
		6	0	20.42	20.34	20.50	21.50	3
1.4	256-QAM	1	0	20.39	20.46	20.47	21.50	3
		1	2	20.33	20.40	20.40	21.50	3
		1	5	20.44	20.40	20.29	21.50	3
		3	0	20.47	20.33	20.51	21.50	3
		3	2	20.39	20.38	20.35	21.50	3
		3	3	20.50	20.52	20.35	21.50	3
		6	0	19.48	19.36	19.32	20.50	4

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LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					27710			
10	QPSK	1	0		22.25		23.00	0
		1	25		22.05		23.00	0
		1	49		22.16		23.00	0
		25	0		21.16		22.00	1
		25	12		21.08		22.00	1
		25	25		21.15		22.00	1
		50	0		21.03		22.00	1
10	16-QAM	1	0		21.13		22.00	1
		1	25		21.10		22.00	1
		1	49		21.06		22.00	1
		25	0		20.09		21.00	2
		25	12		20.07		21.00	2
		25	25		20.20		21.00	2
		50	0		20.08		21.00	2
10	64-QAM	1	0		20.19		21.00	2
		1	25		20.08		21.00	2
		1	49		20.22		21.00	2
		25	0		19.03		20.00	3
		25	12		19.08		20.00	3
		25	25		19.20		20.00	3
		50	0		19.02		20.00	3
10	256-QAM	1	0		19.17		20.00	3
		1	25		18.97		20.00	3
		1	49		19.08		20.00	3
		25	0		18.14		19.00	4
		25	12		18.05		19.00	4
		25	25		18.14		19.00	4
		50	0		18.21		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	22.10	22.07	22.11	23.00	0
		1	12	21.85	21.96	21.96	23.00	0
		1	24	21.94	21.91	21.83	23.00	0
		12	0	20.86	20.92	20.96	22.00	1
		12	6	20.92	20.91	21.04	22.00	1
		12	13	20.90	20.97	21.03	22.00	1
		25	0	20.98	20.83	20.90	22.00	1
5	16-QAM	1	0	20.94	20.95	20.93	22.00	1
		1	12	21.02	20.91	20.90	22.00	1
		1	24	21.02	20.94	20.93	22.00	1
		12	0	19.89	20.03	19.91	21.00	2
		12	6	19.99	19.99	19.99	21.00	2
		12	13	20.04	19.92	19.94	21.00	2
		25	0	19.90	19.87	19.95	21.00	2
5	64-QAM	1	0	19.87	19.92	19.84	21.00	2
		1	12	19.96	19.94	19.93	21.00	2
		1	24	19.97	19.97	19.90	21.00	2
		12	0	18.97	18.96	19.01	20.00	3
		12	6	18.95	18.91	18.98	20.00	3
		12	13	18.94	18.90	18.95	20.00	3
		25	0	18.95	18.96	19.02	20.00	3
5	256-QAM	1	0	18.96	18.91	18.96	20.00	3
		1	12	18.86	18.99	18.89	20.00	3
		1	24	18.95	18.98	18.92	20.00	3
		12	0	18.05	17.94	17.94	19.00	4
		12	6	17.96	17.91	17.96	19.00	4
		12	13	17.88	17.98	18.02	19.00	4
		25	0	17.92	18.01	17.92	19.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	23.49	23.48	23.51	24.00	0
		1	50	23.47	23.24	23.42	24.00	0
		1	99	23.38	23.22	23.19	24.00	0
		50	0	22.36	22.31	22.41	23.00	1
		50	25	22.40	22.36	22.31	23.00	1
		50	50	22.37	22.26	22.30	23.00	1
		100	0	22.39	22.29	22.44	23.00	1
20	16-QAM	1	0	22.38	22.30	22.37	23.00	1
		1	50	22.23	22.34	22.32	23.00	1
		1	99	22.31	22.31	22.32	23.00	1
		50	0	21.31	21.34	21.41	22.00	2
		50	25	21.23	21.34	21.24	22.00	2
		50	50	21.40	21.20	21.29	22.00	2
		100	0	21.31	21.38	21.40	22.00	2
20	64-QAM	1	0	21.33	21.29	21.29	22.00	2
		1	50	21.32	21.27	21.30	22.00	2
		1	99	21.42	21.42	21.31	22.00	2
		50	0	20.30	20.38	20.35	21.00	3
		50	25	20.26	20.33	20.33	21.00	3
		50	50	20.33	20.28	20.45	21.00	3
		100	0	20.38	20.24	20.39	21.00	3
20	256-QAM	1	0	20.46	20.26	20.39	21.00	3
		1	50	20.31	20.34	20.34	21.00	3
		1	99	20.34	20.29	20.21	21.00	3
		50	0	19.35	19.34	19.41	20.00	4
		50	25	19.25	19.30	19.34	20.00	4
		50	50	19.26	19.31	19.28	20.00	4
		100	0	19.30	19.34	19.34	20.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	23.31	23.23	23.26	24.00	0
		1	36	23.41	23.22	23.42	24.00	0
		1	74	23.28	23.38	23.27	24.00	0
		36	0	22.41	22.33	22.35	23.00	1
		36	18	22.36	22.35	22.30	23.00	1
		36	37	22.38	22.26	22.24	23.00	1
		75	0	22.36	22.43	22.33	23.00	1
15	16-QAM	1	0	22.32	22.32	22.37	23.00	1
		1	36	22.30	22.31	22.34	23.00	1
		1	74	22.34	22.41	22.34	23.00	1
		36	0	21.30	21.33	21.38	22.00	2
		36	18	21.45	21.22	21.35	22.00	2
		36	37	21.36	21.20	21.26	22.00	2
		75	0	21.38	21.21	21.35	22.00	2
15	64-QAM	1	0	21.36	21.31	21.21	22.00	2
		1	36	21.38	21.32	21.39	22.00	2
		1	74	21.42	21.26	21.39	22.00	2
		36	0	20.37	20.40	20.45	21.00	3
		36	18	20.35	20.33	20.37	21.00	3
		36	37	20.41	20.40	20.37	21.00	3
		75	0	20.29	20.42	20.36	21.00	3
15	256-QAM	1	0	20.35	20.26	20.27	21.00	3
		1	36	20.43	20.31	20.28	21.00	3
		1	74	20.29	20.41	20.36	21.00	3
		36	0	19.40	19.29	19.37	20.00	4
		36	18	19.22	19.26	19.31	20.00	4
		36	37	19.30	19.31	19.35	20.00	4
		75	0	19.22	19.24	19.30	20.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				132022	132322	132622		
10	QPSK	1	0	23.36	23.22	23.34	24.00	0
		1	25	23.40	23.34	23.37	24.00	0
		1	49	23.34	23.35	23.31	24.00	0
		25	0	22.31	22.36	22.25	23.00	1
		25	12	22.21	22.43	22.37	23.00	1
		25	25	22.28	22.39	22.38	23.00	1
		50	0	22.36	22.42	22.33	23.00	1
10	16-QAM	1	0	22.34	22.27	22.38	23.00	1
		1	25	22.35	22.34	22.33	23.00	1
		1	49	22.38	22.38	22.44	23.00	1
		25	0	21.22	21.43	21.44	22.00	2
		25	12	21.39	21.28	21.39	22.00	2
		25	25	21.32	21.25	21.34	22.00	2
		50	0	21.34	21.30	21.37	22.00	2
10	64-QAM	1	0	21.33	21.36	21.28	22.00	2
		1	25	21.32	21.31	21.29	22.00	2
		1	49	21.23	21.40	21.29	22.00	2
		25	0	20.27	20.31	20.40	21.00	3
		25	12	20.31	20.35	20.33	21.00	3
		25	25	20.38	20.20	20.30	21.00	3
		50	0	20.34	20.33	20.23	21.00	3
10	256-QAM	1	0	20.32	20.23	20.45	21.00	3
		1	25	20.37	20.32	20.29	21.00	3
		1	49	20.31	20.41	20.29	21.00	3
		25	0	19.44	19.31	19.28	20.00	4
		25	12	19.30	19.44	19.42	20.00	4
		25	25	19.26	19.34	19.31	20.00	4
		50	0	19.39	19.33	19.33	20.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	23.41	23.38	23.27	24.00	0
		1	12	23.26	23.34	23.33	24.00	0
		1	24	23.28	23.31	23.40	24.00	0
		12	0	22.37	22.31	22.44	23.00	1
		12	6	22.34	22.45	22.34	23.00	1
		12	13	22.31	22.41	22.31	23.00	1
		25	0	22.24	22.27	22.31	23.00	1
5	16-QAM	1	0	22.34	22.32	22.26	23.00	1
		1	12	22.25	22.43	22.42	23.00	1
		1	24	22.36	22.36	22.29	23.00	1
		12	0	21.41	21.35	21.34	22.00	2
		12	6	21.26	21.44	21.23	22.00	2
		12	13	21.34	21.32	21.32	22.00	2
		25	0	21.23	21.45	21.31	22.00	2
5	64-QAM	1	0	21.41	21.45	21.34	22.00	2
		1	12	21.36	21.39	21.36	22.00	2
		1	24	21.28	21.27	21.38	22.00	2
		12	0	20.23	20.33	20.37	21.00	3
		12	6	20.30	20.33	20.28	21.00	3
		12	13	20.29	20.37	20.38	21.00	3
		25	0	20.37	20.38	20.32	21.00	3
5	256-QAM	1	0	20.28	20.31	20.34	21.00	3
		1	12	20.26	20.34	20.30	21.00	3
		1	24	20.41	20.22	20.30	21.00	3
		12	0	19.33	19.41	19.30	20.00	4
		12	6	19.36	19.31	19.36	20.00	4
		12	13	19.41	19.35	19.29	20.00	4
		25	0	19.29	19.39	19.38	20.00	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	23.35	23.32	23.29	24.00	0
		1	7	23.37	23.38	23.40	24.00	0
		1	14	23.34	23.30	23.26	24.00	0
		8	0	22.39	22.29	22.24	23.00	1
		8	4	22.45	22.38	22.39	23.00	1
		8	7	22.38	22.28	22.42	23.00	1
		15	0	22.39	22.34	22.36	23.00	1
3	16-QAM	1	0	22.32	22.19	22.36	23.00	1
		1	7	22.38	22.31	22.36	23.00	1
		1	14	22.41	22.39	22.43	23.00	1
		8	0	21.34	21.34	21.40	22.00	2
		8	4	21.35	21.26	21.20	22.00	2
		8	7	21.36	21.34	21.25	22.00	2
		15	0	21.30	21.31	21.39	22.00	2
3	64-QAM	1	0	21.26	21.33	21.32	22.00	2
		1	7	21.33	21.38	21.24	22.00	2
		1	14	21.36	21.45	21.27	22.00	2
		8	0	20.46	20.30	20.29	21.00	3
		8	4	20.39	20.33	20.31	21.00	3
		8	7	20.31	20.27	20.31	21.00	3
		15	0	20.31	20.34	20.31	21.00	3
3	256-QAM	1	0	20.30	20.46	20.28	21.00	3
		1	7	20.33	20.31	20.43	21.00	3
		1	14	20.26	20.38	20.33	21.00	3
		8	0	19.36	19.36	19.26	20.00	4
		8	4	19.22	19.39	19.35	20.00	4
		8	7	19.31	19.29	19.29	20.00	4
		15	0	19.39	19.33	19.34	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	23.34	23.26	23.30	24.00	0
		1	2	23.35	23.36	23.29	24.00	0
		1	5	23.34	23.41	23.42	24.00	0
		3	0	22.27	22.33	22.32	24.00	0
		3	2	22.22	22.41	22.42	24.00	0
		3	3	22.23	22.39	22.29	24.00	0
		6	0	22.34	22.41	22.28	23.00	1
1.4	16-QAM	1	0	22.39	22.25	22.31	23.00	1
		1	2	22.33	22.37	22.27	23.00	1
		1	5	22.37	22.21	22.34	23.00	1
		3	0	21.22	21.32	21.29	23.00	1
		3	2	21.37	21.35	21.33	23.00	1
		3	3	21.34	21.32	21.35	23.00	1
		6	0	21.21	21.23	21.36	22.00	2
1.4	64-QAM	1	0	21.32	21.23	21.43	22.00	2
		1	2	21.41	21.21	21.34	22.00	2
		1	5	21.45	21.39	21.26	22.00	2
		3	0	20.43	20.34	20.38	22.00	2
		3	2	20.26	20.46	20.31	22.00	2
		3	3	20.41	20.37	20.33	22.00	2
		6	0	20.42	20.27	20.24	21.00	3
1.4	256-QAM	1	0	20.31	20.38	20.38	21.00	3
		1	2	20.35	20.26	20.36	21.00	3
		1	5	20.31	20.34	20.28	21.00	3
		3	0	19.41	19.36	19.30	21.00	3
		3	2	19.38	19.35	19.34	21.00	3
		3	3	19.34	19.42	19.43	21.00	3
		6	0	19.46	19.29	19.37	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	23.41	23.48	23.38	24.00	0
		1	50	23.13	23.21	23.25	24.00	0
		1	99	23.13	23.33	23.27	24.00	0
		50	0	22.20	22.21	22.16	23.00	1
		50	25	22.28	22.24	22.33	23.00	1
		50	50	22.33	22.28	22.35	23.00	1
		100	0	22.14	22.31	22.27	23.00	1
20	16-QAM	1	0	22.17	22.26	22.26	23.00	1
		1	50	22.34	22.33	22.19	23.00	1
		1	99	22.30	22.24	22.32	23.00	1
		50	0	21.23	21.33	21.22	22.00	2
		50	25	21.11	21.19	21.25	22.00	2
		50	50	21.22	21.19	21.31	22.00	2
		100	0	21.17	21.29	21.15	22.00	2
20	64-QAM	1	0	21.32	21.30	21.21	22.00	2
		1	50	21.24	21.17	21.25	22.00	2
		1	99	21.15	21.12	21.22	22.00	2
		50	0	20.25	20.19	20.24	21.00	3
		50	25	20.22	20.24	20.25	21.00	3
		50	50	20.28	20.20	20.33	21.00	3
		100	0	20.24	20.18	20.26	21.00	3
20	256-QAM	1	0	20.27	20.28	20.33	21.00	3
		1	50	20.34	20.28	20.23	21.00	3
		1	99	20.17	20.13	20.21	21.00	3
		50	0	19.39	19.28	19.28	20.00	4
		50	25	19.17	19.30	19.28	20.00	4
		50	50	19.20	19.34	19.29	20.00	4
		100	0	19.23	19.27	19.27	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	23.24	23.14	23.20	24.00	0
		1	36	23.29	23.34	23.22	24.00	0
		1	74	23.24	23.23	23.23	24.00	0
		36	0	22.18	22.33	22.15	23.00	1
		36	18	22.21	22.21	22.28	23.00	1
		36	37	22.30	22.15	22.20	23.00	1
		75	0	22.20	22.23	22.26	23.00	1
15	16-QAM	1	0	22.23	22.18	22.25	23.00	1
		1	36	22.24	22.31	22.21	23.00	1
		1	74	22.18	22.20	22.37	23.00	1
		36	0	21.36	21.17	21.37	22.00	2
		36	18	21.32	21.24	21.36	22.00	2
		36	37	21.14	21.22	21.24	22.00	2
		75	0	21.26	21.20	21.31	22.00	2
15	64-QAM	1	0	21.28	21.32	21.29	22.00	2
		1	36	21.24	21.20	21.29	22.00	2
		1	74	21.28	21.19	21.26	22.00	2
		36	0	20.27	20.29	20.36	21.00	3
		36	18	20.24	20.34	20.21	21.00	3
		36	37	20.23	20.31	20.25	21.00	3
		75	0	20.22	20.17	20.24	21.00	3
15	256-QAM	1	0	20.15	20.15	20.26	21.00	3
		1	36	20.14	20.23	20.29	21.00	3
		1	74	20.30	20.23	20.26	21.00	3
		36	0	19.27	19.28	19.13	20.00	4
		36	18	19.26	19.30	19.27	20.00	4
		36	37	19.25	19.15	19.30	20.00	4
		75	0	19.33	19.33	19.19	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	23.13	23.14	23.15	24.00	0
		1	25	23.11	23.25	23.28	24.00	0
		1	49	23.38	23.35	23.25	24.00	0
		25	0	22.33	22.26	22.22	23.00	1
		25	12	22.19	22.19	22.22	23.00	1
		25	25	22.13	22.23	22.21	23.00	1
		50	0	22.17	22.35	22.15	23.00	1
10	16-QAM	1	0	22.24	22.34	22.19	23.00	1
		1	25	22.15	22.24	22.19	23.00	1
		1	49	22.24	22.27	22.23	23.00	1
		25	0	21.32	21.35	21.36	22.00	2
		25	12	21.18	21.11	21.30	22.00	2
		25	25	21.29	21.29	21.23	22.00	2
		50	0	21.27	21.17	21.33	22.00	2
10	64-QAM	1	0	21.33	21.19	21.26	22.00	2
		1	25	21.18	21.26	21.27	22.00	2
		1	49	21.26	21.23	21.28	22.00	2
		25	0	20.28	20.27	20.21	21.00	3
		25	12	20.22	20.38	20.30	21.00	3
		25	25	20.21	20.26	20.31	21.00	3
		50	0	20.33	20.23	20.24	21.00	3
10	256-QAM	1	0	20.27	20.23	20.26	21.00	3
		1	25	20.26	20.20	20.28	21.00	3
		1	49	20.29	20.16	20.18	21.00	3
		25	0	19.24	19.24	19.29	20.00	4
		25	12	19.34	19.32	19.30	20.00	4
		25	25	19.25	19.21	19.13	20.00	4
		50	0	19.19	19.16	19.21	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)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	23.22	23.14	23.39	24.00	0
		1	12	23.26	23.29	23.21	24.00	0
		1	24	23.30	23.30	23.26	24.00	0
		12	0	22.17	22.33	22.25	23.00	1
		12	6	22.30	22.13	22.38	23.00	1
		12	13	22.13	22.24	22.39	23.00	1
		25	0	22.20	22.27	22.26	23.00	1
5	16-QAM	1	0	22.23	22.28	22.25	23.00	1
		1	12	22.16	22.29	22.33	23.00	1
		1	24	22.12	22.21	22.14	23.00	1
		12	0	21.31	21.22	21.33	22.00	2
		12	6	21.23	21.25	21.28	22.00	2
		12	13	21.28	21.27	21.33	22.00	2
		25	0	21.26	21.29	21.37	22.00	2
5	64-QAM	1	0	21.18	21.17	21.14	22.00	2
		1	12	21.16	21.27	21.27	22.00	2
		1	24	21.25	21.25	21.31	22.00	2
		12	0	20.13	20.18	20.25	21.00	3
		12	6	20.23	20.31	20.31	21.00	3
		12	13	20.15	20.23	20.26	21.00	3
		25	0	20.18	20.23	20.25	21.00	3
5	256-QAM	1	0	20.23	20.25	20.28	21.00	3
		1	12	20.11	20.19	20.35	21.00	3
		1	24	20.21	20.26	20.25	21.00	3
		12	0	19.28	19.29	19.24	20.00	4
		12	6	19.19	19.28	19.27	20.00	4
		12	13	19.21	19.24	19.21	20.00	4
		25	0	19.20	19.14	19.20	20.00	4

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5.3 TDD LTE

Aux 2

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	23.54	23.60	23.41	24.00	0
		1	50	23.45	23.57	23.31	24.00	0
		1	99	23.41	23.45	23.31	24.00	0
		50	0	22.44	22.48	22.34	23.00	1
		50	25	22.44	22.52	22.36	23.00	1
		50	50	22.35	22.54	22.20	23.00	1
		100	0	22.37	22.44	22.32	23.00	1
20	16-QAM	1	0	22.35	22.34	22.18	23.00	1
		1	50	22.30	22.47	22.29	23.00	1
		1	99	22.37	22.58	22.23	23.00	1
		50	0	21.49	21.40	21.24	22.00	2
		50	25	21.29	21.41	21.25	22.00	2
		50	50	21.26	21.37	21.31	22.00	2
		100	0	21.35	21.50	21.24	22.00	2
20	64-QAM	1	0	21.34	21.52	21.38	22.00	2
		1	50	21.37	21.48	21.16	22.00	2
		1	99	21.38	21.50	21.33	22.00	2
		50	0	20.36	20.49	20.30	21.00	3
		50	25	20.47	20.49	20.24	21.00	3
		50	50	20.37	20.47	20.24	21.00	3
		100	0	20.41	20.45	20.31	21.00	3
20	256-QAM	1	0	20.43	20.50	20.22	21.00	3
		1	50	20.37	20.39	20.24	21.00	3
		1	99	20.45	20.43	20.24	21.00	3
		50	0	19.44	19.53	19.18	20.00	4
		50	25	19.39	19.39	19.28	20.00	4
		50	50	19.29	19.33	19.27	20.00	4
		100	0	19.47	19.32	19.12	20.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				37825	38000	38175		
15	QPSK	1	0	23.37	23.31	23.32	24.00	0
		1	36	23.45	23.49	23.26	24.00	0
		1	74	23.36	23.49	23.25	24.00	0
		36	0	22.45	22.54	22.24	23.00	1
		36	18	22.43	22.56	22.22	23.00	1
		36	37	22.38	22.42	22.26	23.00	1
		75	0	22.30	22.48	22.18	23.00	1
15	16-QAM	1	0	22.42	22.50	22.32	23.00	1
		1	36	22.28	22.45	22.23	23.00	1
		1	74	22.42	22.48	22.25	23.00	1
		36	0	21.39	21.45	21.17	22.00	2
		36	18	21.47	21.39	21.22	22.00	2
		36	37	21.43	21.55	21.24	22.00	2
		75	0	21.34	21.50	21.18	22.00	2
15	64-QAM	1	0	21.46	21.42	21.19	22.00	2
		1	36	21.44	21.48	21.18	22.00	2
		1	74	21.38	21.43	21.26	22.00	2
		36	0	20.37	20.41	20.14	21.00	3
		36	18	20.24	20.47	20.32	21.00	3
		36	37	20.43	20.38	20.20	21.00	3
		75	0	20.40	20.43	20.28	21.00	3
15	256-QAM	1	0	20.36	20.49	20.29	21.00	3
		1	36	20.36	20.42	20.31	21.00	3
		1	74	20.27	20.46	20.25	21.00	3
		36	0	19.41	19.46	19.29	20.00	4
		36	18	19.33	19.44	19.21	20.00	4
		36	37	19.35	19.32	19.27	20.00	4
		75	0	19.27	19.51	19.17	20.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575	2595	2615		
Channel				37800	38000	38200		
10	QPSK	1	0	23.48	23.44	23.15	24.00	0
		1	25	23.42	23.46	23.25	24.00	0
		1	49	23.40	23.48	23.20	24.00	0
		25	0	22.35	22.48	22.25	23.00	1
		25	12	22.26	22.56	22.29	23.00	1
		25	25	22.29	22.53	22.34	23.00	1
		50	0	22.39	22.34	22.25	23.00	1
10	16-QAM	1	0	22.38	22.44	22.21	23.00	1
		1	25	22.41	22.37	22.27	23.00	1
		1	49	22.27	22.41	22.17	23.00	1
		25	0	21.40	21.40	21.34	22.00	2
		25	12	21.30	21.46	21.29	22.00	2
		25	25	21.45	21.34	21.32	22.00	2
		50	0	21.27	21.38	21.31	22.00	2
10	64-QAM	1	0	21.33	21.41	21.28	22.00	2
		1	25	21.34	21.52	21.24	22.00	2
		1	49	21.44	21.38	21.17	22.00	2
		25	0	20.44	20.31	20.20	21.00	3
		25	12	20.32	20.39	20.35	21.00	3
		25	25	20.40	20.41	20.28	21.00	3
		50	0	20.33	20.37	20.29	21.00	3
10	256-QAM	1	0	20.37	20.44	20.36	21.00	3
		1	25	20.33	20.43	20.16	21.00	3
		1	49	20.33	20.54	20.29	21.00	3
		25	0	19.31	19.45	19.18	20.00	4
		25	12	19.46	19.39	19.23	20.00	4
		25	25	19.43	19.45	19.38	20.00	4
		50	0	19.45	19.41	19.24	20.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2572.5	2595	2617.5		
Channel				37775	38000	38225		
5	QPSK	1	0	23.42	23.45	23.25	24.00	0
		1	12	23.38	23.46	23.20	24.00	0
		1	24	23.40	23.55	23.21	24.00	0
		12	0	22.51	22.32	22.19	23.00	1
		12	6	22.44	22.46	22.32	23.00	1
		12	13	22.33	22.33	22.25	23.00	1
		25	0	22.42	22.48	22.28	23.00	1
5	16-QAM	1	0	22.36	22.44	22.28	23.00	1
		1	12	22.50	22.51	22.23	23.00	1
		1	24	22.48	22.41	22.24	23.00	1
		12	0	21.35	21.39	21.21	22.00	2
		12	6	21.31	21.52	21.29	22.00	2
		12	13	21.48	21.46	21.30	22.00	2
		25	0	21.34	21.45	21.28	22.00	2
5	64-QAM	1	0	21.43	21.35	21.16	22.00	2
		1	12	21.31	21.53	21.26	22.00	2
		1	24	21.44	21.47	21.23	22.00	2
		12	0	20.42	20.53	20.32	21.00	3
		12	6	20.43	20.48	20.29	21.00	3
		12	13	20.40	20.41	20.25	21.00	3
		25	0	20.31	20.42	20.29	21.00	3
5	256-QAM	1	0	20.35	20.36	20.37	21.00	3
		1	12	20.38	20.44	20.27	21.00	3
		1	24	20.42	20.53	20.30	21.00	3
		12	0	19.42	19.40	19.22	20.00	4
		12	6	19.44	19.54	19.23	20.00	4
		12	13	19.37	19.33	19.30	20.00	4
		25	0	19.38	19.52	19.35	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	23.23	23.61	23.63	23.32	23.51	24.00	0
		1	50	23.00	23.41	23.54	23.17	23.48	24.00	0
		1	99	23.08	23.46	23.53	23.16	23.48	24.00	0
		50	0	22.06	22.57	22.51	22.18	22.32	23.00	1
		50	25	22.06	22.37	22.55	22.17	22.44	23.00	1
		50	50	22.10	22.49	22.51	22.14	22.44	23.00	1
		100	0	22.02	22.44	22.37	22.22	22.42	23.00	1
20	16-QAM	1	0	22.07	22.39	22.42	22.22	22.38	23.00	1
		1	50	22.17	22.34	22.52	22.18	22.35	23.00	1
		1	99	21.95	22.53	22.51	22.13	22.50	23.00	1
		50	0	21.06	21.43	21.57	21.22	21.52	22.00	2
		50	25	21.03	21.48	21.45	21.16	21.44	22.00	2
		50	50	21.03	21.42	21.48	21.11	21.47	22.00	2
		100	0	21.03	21.44	21.38	21.08	21.41	22.00	2
20	64-QAM	1	0	21.03	21.51	21.37	21.23	21.44	22.00	2
		1	50	21.01	21.57	21.57	21.20	21.52	22.00	2
		1	99	21.12	21.43	21.47	21.10	21.41	22.00	2
		50	0	20.13	20.42	20.49	20.12	20.42	21.00	3
		50	25	20.05	20.47	20.56	20.19	20.45	21.00	3
		50	50	20.04	20.34	20.42	20.07	20.50	21.00	3
		100	0	20.09	20.37	20.38	20.23	20.42	21.00	3
20	256-QAM	1	0	20.12	20.39	20.49	20.20	20.40	21.00	3
		1	50	20.08	20.47	20.49	20.15	20.41	21.00	3
		1	99	20.09	20.37	20.48	20.22	20.50	21.00	3
		50	0	18.94	19.34	19.47	19.26	19.48	20.00	4
		50	25	19.12	19.54	19.47	19.05	19.39	20.00	4
		50	50	19.10	19.57	19.49	19.15	19.40	20.00	4
		100	0	19.12	19.49	19.48	19.06	19.39	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	23.11	23.51	23.41	23.11	23.26	24.00	0
		1	36	23.00	23.43	23.38	23.21	23.38	24.00	0
		1	74	23.11	23.43	23.44	23.20	23.38	24.00	0
		36	0	22.09	22.45	22.41	22.11	22.39	23.00	1
		36	18	22.10	22.44	22.47	22.11	22.34	23.00	1
		36	37	22.14	22.49	22.45	22.27	22.39	23.00	1
		75	0	21.96	22.57	22.55	22.12	22.29	23.00	1
15	16-QAM	1	0	21.96	22.38	22.48	22.16	22.31	23.00	1
		1	36	22.10	22.52	22.45	22.11	22.22	23.00	1
		1	74	22.01	22.48	22.46	22.07	22.31	23.00	1
		36	0	21.04	21.36	21.43	21.21	21.32	22.00	2
		36	18	20.97	21.56	21.53	21.14	21.29	22.00	2
		36	37	21.03	21.37	21.55	21.14	21.27	22.00	2
		75	0	21.07	21.53	21.36	21.14	21.30	22.00	2
15	64-QAM	1	0	21.10	21.47	21.51	21.22	21.18	22.00	2
		1	36	21.00	21.47	21.61	21.17	21.32	22.00	2
		1	74	21.17	21.49	21.50	21.21	21.30	22.00	2
		36	0	20.07	20.38	20.52	20.09	20.33	21.00	3
		36	18	20.06	20.31	20.42	20.14	20.36	21.00	3
		36	37	20.11	20.46	20.44	20.24	20.35	21.00	3
		75	0	20.05	20.33	20.48	20.26	20.31	21.00	3
15	256-QAM	1	0	20.03	20.31	20.50	20.20	20.35	21.00	3
		1	36	20.08	20.45	20.46	20.12	20.22	21.00	3
		1	74	20.09	20.46	20.47	20.20	20.28	21.00	3
		36	0	19.10	19.53	19.53	19.22	19.33	20.00	4
		36	18	19.14	19.41	19.41	19.16	19.23	20.00	4
		36	37	19.17	19.36	19.48	19.17	19.22	20.00	4
		75	0	19.03	19.42	19.54	19.20	19.33	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	23.07	23.50	23.48	23.18	23.39	24.00	0
		1	25	23.05	23.37	23.36	23.17	23.36	24.00	0
		1	49	23.06	23.45	23.57	23.13	23.36	24.00	0
		25	0	22.06	22.35	22.53	22.19	22.20	23.00	1
		25	12	22.11	22.49	22.43	22.13	22.32	23.00	1
		25	25	22.08	22.47	22.48	22.17	22.32	23.00	1
		50	0	22.07	22.39	22.39	22.24	22.30	23.00	1
10	16-QAM	1	0	21.99	22.49	22.43	22.20	22.26	23.00	1
		1	25	22.08	22.47	22.52	22.14	22.23	23.00	1
		1	49	22.14	22.53	22.45	22.26	22.38	23.00	1
		25	0	21.07	21.33	21.45	21.19	21.40	22.00	2
		25	12	21.15	21.44	21.42	21.24	21.44	22.00	2
		25	25	20.97	21.52	21.52	21.06	21.30	22.00	2
		50	0	21.14	21.38	21.54	21.19	21.28	22.00	2
10	64-QAM	1	0	21.10	21.49	21.49	21.28	21.30	22.00	2
		1	25	21.09	21.49	21.40	21.08	21.35	22.00	2
		1	49	21.14	21.54	21.45	21.18	21.23	22.00	2
		25	0	20.10	20.46	20.42	20.21	20.32	21.00	3
		25	12	20.09	20.46	20.47	20.13	20.27	21.00	3
		25	25	20.05	20.51	20.53	20.20	20.35	21.00	3
		50	0	19.99	20.45	20.47	20.11	20.40	21.00	3
10	256-QAM	1	0	20.05	20.46	20.46	20.18	20.34	21.00	3
		1	25	20.05	20.53	20.57	20.09	20.17	21.00	3
		1	49	20.01	20.45	20.35	20.13	20.31	21.00	3
		25	0	19.17	19.41	19.36	19.13	19.30	20.00	4
		25	12	19.17	19.34	19.41	19.25	19.19	20.00	4
		25	25	19.14	19.46	19.48	19.15	19.41	20.00	4
		50	0	19.12	19.47	19.56	19.18	19.20	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	22.94	23.45	23.47	23.08	23.40	24.00	0
		1	12	23.09	23.47	23.54	23.26	23.23	24.00	0
		1	24	23.03	23.47	23.53	23.14	23.26	24.00	0
		12	0	22.10	22.42	22.51	22.23	22.44	23.00	1
		12	6	22.02	22.54	22.53	22.20	22.34	23.00	1
		12	13	22.07	22.58	22.48	22.13	22.33	23.00	1
		25	0	21.99	22.48	22.50	22.11	22.26	23.00	1
5	16-QAM	1	0	22.15	22.57	22.40	22.10	22.23	23.00	1
		1	12	22.06	22.43	22.39	22.14	22.36	23.00	1
		1	24	22.08	22.53	22.38	22.22	22.23	23.00	1
		12	0	21.16	21.48	21.51	21.21	21.40	22.00	2
		12	6	21.07	21.38	21.52	21.13	21.32	22.00	2
		12	13	21.01	21.44	21.43	21.20	21.35	22.00	2
		25	0	21.04	21.46	21.47	21.10	21.29	22.00	2
5	64-QAM	1	0	21.00	21.39	21.56	21.17	21.32	22.00	2
		1	12	21.12	21.41	21.56	21.11	21.40	22.00	2
		1	24	20.99	21.39	21.55	21.18	21.29	22.00	2
		12	0	20.13	20.53	20.52	20.09	20.30	21.00	3
		12	6	20.13	20.40	20.53	20.16	20.33	21.00	3
		12	13	20.10	20.48	20.39	20.10	20.38	21.00	3
		25	0	20.13	20.46	20.57	20.21	20.30	21.00	3
5	256-QAM	1	0	20.07	20.54	20.41	20.16	20.28	21.00	3
		1	12	20.14	20.49	20.54	20.23	20.29	21.00	3
		1	24	20.11	20.54	20.56	20.19	20.38	21.00	3
		12	0	19.00	19.59	19.45	19.12	19.36	20.00	4
		12	6	19.17	19.55	19.53	19.13	19.27	20.00	4
		12	13	19.02	19.43	19.46	19.19	19.28	20.00	4
		25	0	19.16	19.33	19.42	19.03	19.27	20.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	25.69	26.08	26.10	25.87	25.98	27.00	0
		1	50	25.49	26.02	25.96	25.75	25.86	27.00	0
		1	99	25.43	25.88	25.82	25.72	25.83	27.00	0
		50	0	24.48	24.93	25.06	24.64	24.93	26.00	1
		50	25	24.48	25.00	24.92	24.69	24.83	26.00	1
		50	50	24.49	24.85	24.90	24.77	24.83	26.00	1
		100	0	24.43	24.95	24.98	24.64	24.77	26.00	1
20	16-QAM	1	0	24.55	24.92	24.84	24.73	24.85	26.00	1
		1	50	24.45	24.99	24.96	24.85	24.73	26.00	1
		1	99	24.49	24.79	24.88	24.67	24.84	26.00	1
		50	0	23.49	23.89	23.91	23.64	23.85	25.00	2
		50	25	23.50	23.99	24.04	23.64	23.85	25.00	2
		50	50	23.50	23.85	23.89	23.83	23.82	25.00	2
		100	0	23.50	23.85	23.95	23.74	23.85	25.00	2
20	64-QAM	1	0	23.53	23.92	24.02	23.76	23.79	25.00	2
		1	50	23.62	23.98	23.86	23.75	23.73	25.00	2
		1	99	23.51	24.00	23.99	23.76	23.72	25.00	2
		50	0	22.41	22.92	23.07	22.66	22.91	24.00	3
		50	25	22.50	22.99	22.97	22.75	22.87	24.00	3
		50	50	22.54	22.85	22.82	22.70	22.80	24.00	3
		100	0	22.57	22.87	22.92	22.74	22.90	24.00	3
20	256-QAM	1	0	22.47	22.96	22.97	22.66	22.83	24.00	3
		1	50	22.58	22.85	22.97	22.77	22.83	24.00	3
		1	99	22.59	22.85	22.92	22.74	22.83	24.00	3
		50	0	21.49	21.84	21.86	21.73	21.77	23.00	4
		50	25	21.45	21.88	21.98	21.77	21.78	23.00	4
		50	50	21.53	21.92	21.91	21.69	21.91	23.00	4
		100	0	21.40	21.94	21.91	21.76	21.83	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	25.48	25.96	25.99	25.79	25.74	27.00	0
		1	36	25.46	25.93	25.90	25.74	25.80	27.00	0
		1	74	25.51	25.90	25.92	25.80	25.81	27.00	0
		36	0	24.55	24.81	24.94	24.76	24.84	26.00	1
		36	18	24.56	24.93	24.94	24.75	24.86	26.00	1
		36	37	24.49	24.94	24.93	24.76	24.76	26.00	1
		75	0	24.50	25.04	25.00	24.79	24.88	26.00	1
15	16-QAM	1	0	24.46	24.96	24.92	24.72	24.80	26.00	1
		1	36	24.40	24.88	24.89	24.67	24.88	26.00	1
		1	74	24.60	24.91	24.86	24.58	24.86	26.00	1
		36	0	23.48	23.91	23.85	23.81	23.81	25.00	2
		36	18	23.40	23.91	23.97	23.77	23.88	25.00	2
		36	37	23.54	23.96	23.91	23.66	23.81	25.00	2
		75	0	23.47	23.96	23.98	23.60	23.72	25.00	2
15	64-QAM	1	0	23.53	23.94	24.00	23.79	23.78	25.00	2
		1	36	23.48	23.99	23.96	23.67	23.84	25.00	2
		1	74	23.53	23.93	24.04	23.73	23.74	25.00	2
		36	0	22.62	22.96	22.94	22.75	22.89	24.00	3
		36	18	22.52	22.93	23.04	22.70	22.81	24.00	3
		36	37	22.55	22.90	22.93	22.64	22.85	24.00	3
		75	0	22.41	22.80	22.90	22.61	22.74	24.00	3
15	256-QAM	1	0	22.47	22.83	22.88	22.69	22.93	24.00	3
		1	36	22.52	22.96	23.06	22.61	22.76	24.00	3
		1	74	22.45	22.97	22.84	22.74	22.83	24.00	3
		36	0	21.55	21.97	21.86	21.84	21.72	23.00	4
		36	18	21.50	21.82	21.91	21.69	21.72	23.00	4
		36	37	21.62	21.78	21.95	21.71	21.85	23.00	4
		75	0	21.52	21.95	21.93	21.77	21.82	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	25.41	25.86	26.02	25.72	25.69	27.00	0
		1	25	25.55	25.95	25.91	25.80	25.85	27.00	0
		1	49	25.44	25.84	25.92	25.70	25.88	27.00	0
		25	0	24.51	24.92	24.89	24.73	24.94	26.00	1
		25	12	24.46	24.97	24.93	24.69	24.86	26.00	1
		25	25	24.40	24.80	24.85	24.70	24.79	26.00	1
		50	0	24.49	24.98	24.90	24.63	24.92	26.00	1
10	16-QAM	1	0	24.47	24.95	24.92	24.76	24.90	26.00	1
		1	25	24.62	24.83	24.86	24.68	24.84	26.00	1
		1	49	24.45	24.99	24.89	24.78	24.85	26.00	1
		25	0	23.57	23.99	23.89	23.75	23.88	25.00	2
		25	12	23.53	23.85	24.02	23.73	23.79	25.00	2
		25	25	23.40	23.99	23.94	23.80	23.70	25.00	2
		50	0	23.48	23.83	23.80	23.58	23.71	25.00	2
10	64-QAM	1	0	23.55	23.83	23.95	23.60	23.88	25.00	2
		1	25	23.61	24.01	23.95	23.73	23.79	25.00	2
		1	49	23.46	23.90	23.93	23.66	23.83	25.00	2
		25	0	22.44	22.92	22.89	22.64	22.83	24.00	3
		25	12	22.50	22.82	22.87	22.69	22.96	24.00	3
		25	25	22.45	22.85	22.97	22.72	22.75	24.00	3
		50	0	22.42	22.90	22.96	22.65	22.86	24.00	3
10	256-QAM	1	0	22.43	22.91	22.99	22.71	22.68	24.00	3
		1	25	22.54	22.95	23.04	22.70	22.82	24.00	3
		1	49	22.48	22.95	23.03	22.60	22.81	24.00	3
		25	0	21.39	21.92	22.01	21.65	21.83	23.00	4
		25	12	21.48	21.97	21.94	21.80	21.84	23.00	4
		25	25	21.46	21.93	22.05	21.59	21.87	23.00	4
		50	0	21.57	21.95	21.92	21.70	21.80	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	25.55	25.94	26.06	25.72	25.95	27.00	0
		1	12	25.48	25.98	25.85	25.77	25.75	27.00	0
		1	24	25.40	25.95	25.88	25.68	25.72	27.00	0
		12	0	24.51	24.94	24.87	24.66	24.84	26.00	1
		12	6	24.61	24.88	24.90	24.79	24.75	26.00	1
		12	13	24.54	24.90	24.93	24.64	24.79	26.00	1
		25	0	24.58	24.95	24.95	24.76	24.90	26.00	1
5	16-QAM	1	0	24.54	24.83	24.99	24.72	24.75	26.00	1
		1	12	24.60	25.02	25.02	24.79	24.90	26.00	1
		1	24	24.48	24.91	24.89	24.74	24.81	26.00	1
		12	0	23.41	23.88	23.97	23.67	23.84	25.00	2
		12	6	23.50	23.86	23.90	23.66	23.83	25.00	2
		12	13	23.63	23.94	23.98	23.80	23.91	25.00	2
		25	0	23.45	24.00	23.97	23.64	23.77	25.00	2
5	64-QAM	1	0	23.52	23.88	23.98	23.65	23.89	25.00	2
		1	12	23.51	23.87	23.95	23.69	23.78	25.00	2
		1	24	23.58	23.87	23.92	23.75	23.79	25.00	2
		12	0	22.40	22.95	23.02	22.62	22.82	24.00	3
		12	6	22.50	22.83	22.94	22.68	22.83	24.00	3
		12	13	22.58	22.94	23.08	22.71	22.89	24.00	3
		25	0	22.41	22.85	23.03	22.67	22.86	24.00	3
5	256-QAM	1	0	22.55	22.89	23.03	22.70	22.82	24.00	3
		1	12	22.60	22.87	22.91	22.67	22.96	24.00	3
		1	24	22.46	22.88	23.01	22.69	22.81	24.00	3
		12	0	21.47	21.96	21.94	21.70	21.89	23.00	4
		12	6	21.60	21.89	21.88	21.65	21.84	23.00	4
		12	13	21.55	21.87	21.97	21.67	21.76	23.00	4
		25	0	21.63	21.89	22.01	21.68	21.82	23.00	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460	3500	3540		
Channel				42190	42590	42990		
20	QPSK	1	0	23.97	23.98	23.99	24.00	0
		1	50	23.79	23.81	23.83	24.00	0
		1	99	23.91	23.85	23.97	24.00	0
		50	0	22.86	22.76	22.89	23.00	1
		50	25	22.82	22.80	22.77	23.00	1
		50	50	22.77	22.87	22.84	23.00	1
		100	0	22.77	22.79	22.76	23.00	1
20	16-QAM	1	0	22.90	22.73	22.70	23.00	1
		1	50	22.83	22.79	22.84	23.00	1
		1	99	22.78	22.74	22.75	23.00	1
		50	0	21.72	21.77	21.71	22.00	2
		50	25	21.91	21.76	21.80	22.00	2
		50	50	21.68	21.84	21.95	22.00	2
		100	0	21.76	21.75	21.79	22.00	2
20	64-QAM	1	0	21.78	21.81	21.77	22.00	2
		1	50	21.86	21.74	21.83	22.00	2
		1	99	21.89	21.95	21.89	22.00	2
		50	0	20.74	20.79	20.87	21.00	3
		50	25	20.86	20.77	20.76	21.00	3
		50	50	20.71	20.90	20.72	21.00	3
		100	0	20.78	20.82	20.73	21.00	3
20	256-QAM	1	0	20.85	20.84	20.82	21.00	3
		1	50	20.84	20.81	20.78	21.00	3
		1	99	20.70	20.80	20.89	21.00	3
		50	0	19.81	19.93	19.77	20.00	4
		50	25	19.80	19.73	19.73	20.00	4
		50	50	19.87	19.77	19.84	20.00	4
		100	0	19.77	19.88	19.76	20.00	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500	3542.5		
Channel				42165	42590	43015		
15	QPSK	1	0	23.89	23.73	23.85	24.00	0
		1	36	23.92	23.90	23.91	24.00	0
		1	74	23.84	23.82	23.87	24.00	0
		36	0	22.84	22.82	22.86	23.00	1
		36	18	22.83	22.88	22.83	23.00	1
		36	37	22.73	22.91	22.87	23.00	1
		75	0	22.79	22.77	22.83	23.00	1
15	16-QAM	1	0	22.79	22.74	22.82	23.00	1
		1	36	22.79	22.86	22.85	23.00	1
		1	74	22.81	22.88	22.83	23.00	1
		36	0	21.83	21.89	21.78	22.00	2
		36	18	21.81	21.77	21.91	22.00	2
		36	37	21.82	21.73	21.97	22.00	2
		75	0	21.79	21.86	21.81	22.00	2
15	64-QAM	1	0	21.70	21.79	21.73	22.00	2
		1	36	21.89	21.88	21.87	22.00	2
		1	74	21.78	21.78	21.75	22.00	2
		36	0	20.86	20.73	20.74	21.00	3
		36	18	20.77	20.75	20.90	21.00	3
		36	37	20.85	20.85	20.81	21.00	3
		75	0	20.72	20.80	20.82	21.00	3
15	256-QAM	1	0	20.84	20.86	20.79	21.00	3
		1	36	20.81	20.85	20.76	21.00	3
		1	74	20.77	20.88	20.82	21.00	3
		36	0	19.88	19.77	19.84	20.00	4
		36	18	19.70	19.90	19.80	20.00	4
		36	37	19.80	19.78	19.86	20.00	4
		75	0	19.81	19.85	19.92	20.00	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	23.76	23.83	23.74	24.00	0
		1	25	23.81	23.91	23.75	24.00	0
		1	49	23.79	23.76	23.80	24.00	0
		25	0	22.71	22.85	22.83	23.00	1
		25	12	22.83	22.87	22.87	23.00	1
		25	25	22.89	22.76	22.83	23.00	1
		50	0	22.75	22.84	22.76	23.00	1
10	16-QAM	1	0	22.86	22.84	22.79	23.00	1
		1	25	22.84	22.90	22.75	23.00	1
		1	49	22.93	22.79	22.86	23.00	1
		25	0	21.87	21.73	21.89	22.00	2
		25	12	21.75	21.79	21.80	22.00	2
		25	25	21.81	21.74	21.78	22.00	2
		50	0	21.85	21.91	21.77	22.00	2
10	64-QAM	1	0	21.86	21.75	21.81	22.00	2
		1	25	21.75	21.81	21.82	22.00	2
		1	49	21.70	21.73	21.69	22.00	2
		25	0	20.75	20.73	20.84	21.00	3
		25	12	20.77	20.87	20.91	21.00	3
		25	25	20.70	20.78	20.73	21.00	3
		50	0	20.88	20.87	20.90	21.00	3
10	256-QAM	1	0	20.81	20.77	20.83	21.00	3
		1	25	20.77	20.77	20.80	21.00	3
		1	49	20.89	20.84	20.77	21.00	3
		25	0	19.86	19.70	19.78	20.00	4
		25	12	19.79	19.81	19.86	20.00	4
		25	25	19.71	19.78	19.75	20.00	4
		50	0	19.92	19.81	19.84	20.00	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	23.78	23.74	23.82	24.00	0
		1	12	23.77	23.76	23.73	24.00	0
		1	24	23.87	23.82	23.92	24.00	0
		12	0	22.81	22.84	22.84	23.00	1
		12	6	22.85	22.81	22.89	23.00	1
		12	13	22.72	22.76	22.86	23.00	1
		25	0	22.73	22.84	22.76	23.00	1
5	16-QAM	1	0	22.82	22.84	22.74	23.00	1
		1	12	22.79	22.80	22.92	23.00	1
		1	24	22.81	22.80	22.81	23.00	1
		12	0	21.83	21.78	21.81	22.00	2
		12	6	21.81	21.82	21.79	22.00	2
		12	13	21.79	21.80	21.92	22.00	2
		25	0	21.77	21.92	21.87	22.00	2
5	64-QAM	1	0	21.89	21.90	21.84	22.00	2
		1	12	21.72	21.76	21.95	22.00	2
		1	24	21.87	21.81	21.77	22.00	2
		12	0	20.78	20.76	20.70	21.00	3
		12	6	20.81	20.84	20.79	21.00	3
		12	13	20.84	20.86	20.79	21.00	3
		25	0	20.82	20.78	20.75	21.00	3
5	256-QAM	1	0	20.84	20.75	20.88	21.00	3
		1	12	20.76	20.95	20.89	21.00	3
		1	24	20.80	20.77	20.80	21.00	3
		12	0	19.76	19.73	19.82	20.00	4
		12	6	19.87	19.79	19.80	20.00	4
		12	13	19.93	19.82	19.74	20.00	4
		25	0	19.87	19.88	19.85	20.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3575	3590		
Channel				43190	43340	43490		
20	QPSK	1	0	21.90	21.81	21.78	22.00	0
		1	50	21.81	21.70	21.56	22.00	0
		1	99	21.65	21.61	21.61	22.00	0
		50	0	20.73	20.75	20.66	21.00	1
		50	25	20.74	20.69	20.60	21.00	1
		50	50	20.71	20.66	20.66	21.00	1
		100	0	20.73	20.62	20.71	21.00	1
20	16-QAM	1	0	20.78	20.60	20.71	21.00	1
		1	50	20.83	20.68	20.76	21.00	1
		1	99	20.65	20.65	20.59	21.00	1
		50	0	19.75	19.69	19.62	20.00	2
		50	25	19.64	19.65	19.58	20.00	2
		50	50	19.71	19.63	19.71	20.00	2
		100	0	19.70	19.53	19.59	20.00	2
20	64-QAM	1	0	19.71	19.75	19.66	20.00	2
		1	50	19.72	19.67	19.74	20.00	2
		1	99	19.69	19.62	19.58	20.00	2
		50	0	18.74	18.75	18.61	19.00	3
		50	25	18.77	18.68	18.67	19.00	3
		50	50	18.86	18.68	18.65	19.00	3
		100	0	18.75	18.70	18.58	19.00	3
20	256-QAM	1	0	18.72	18.71	18.65	19.00	3
		1	50	18.69	18.70	18.56	19.00	3
		1	99	18.65	18.66	18.63	19.00	3
		50	0	17.78	17.59	17.59	18.00	4
		50	25	17.81	17.59	17.51	18.00	4
		50	50	17.68	17.61	17.66	18.00	4
		100	0	17.77	17.64	17.56	18.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3575	3592.5		
Channel				43165	43340	43515		
15	QPSK	1	0	21.74	21.67	21.69	22.00	0
		1	36	21.76	21.58	21.61	22.00	0
		1	74	21.73	21.76	21.57	22.00	0
		36	0	20.72	20.60	20.61	21.00	1
		36	18	20.75	20.66	20.58	21.00	1
		36	37	20.79	20.66	20.69	21.00	1
		75	0	20.77	20.70	20.68	21.00	1
15	16-QAM	1	0	20.85	20.60	20.57	21.00	1
		1	36	20.72	20.57	20.67	21.00	1
		1	74	20.77	20.69	20.62	21.00	1
		36	0	19.68	19.67	19.71	20.00	2
		36	18	19.66	19.66	19.61	20.00	2
		36	37	19.67	19.76	19.65	20.00	2
		75	0	19.76	19.66	19.50	20.00	2
15	64-QAM	1	0	19.83	19.64	19.62	20.00	2
		1	36	19.80	19.63	19.63	20.00	2
		1	74	19.69	19.71	19.58	20.00	2
		36	0	18.73	18.69	18.72	19.00	3
		36	18	18.70	18.62	18.65	19.00	3
		36	37	18.82	18.70	18.64	19.00	3
		75	0	18.72	18.61	18.65	19.00	3
15	256-QAM	1	0	18.75	18.59	18.62	19.00	3
		1	36	18.71	18.64	18.58	19.00	3
		1	74	18.74	18.68	18.70	19.00	3
		36	0	17.69	17.61	17.50	18.00	4
		36	18	17.74	17.64	17.65	18.00	4
		36	37	17.71	17.60	17.53	18.00	4
		75	0	17.71	17.61	17.63	18.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3575	3595		
Channel				43140	43340	43540		
10	QPSK	1	0	21.73	21.62	21.56	22.00	0
		1	25	21.63	21.79	21.62	22.00	0
		1	49	21.79	21.55	21.63	22.00	0
		25	0	20.66	20.75	20.65	21.00	1
		25	12	20.66	20.73	20.69	21.00	1
		25	25	20.82	20.60	20.53	21.00	1
		50	0	20.82	20.55	20.62	21.00	1
10	16-QAM	1	0	20.66	20.68	20.49	21.00	1
		1	25	20.72	20.67	20.58	21.00	1
		1	49	20.72	20.54	20.66	21.00	1
		25	0	19.74	19.66	19.65	20.00	2
		25	12	19.71	19.72	19.70	20.00	2
		25	25	19.71	19.62	19.56	20.00	2
		50	0	19.64	19.65	19.60	20.00	2
10	64-QAM	1	0	19.63	19.56	19.64	20.00	2
		1	25	19.68	19.65	19.76	20.00	2
		1	49	19.83	19.62	19.65	20.00	2
		25	0	18.64	18.61	18.65	19.00	3
		25	12	18.82	18.61	18.51	19.00	3
		25	25	18.62	18.64	18.65	19.00	3
		50	0	18.71	18.62	18.64	19.00	3
10	256-QAM	1	0	18.86	18.66	18.71	19.00	3
		1	25	18.75	18.64	18.56	19.00	3
		1	49	18.75	18.70	18.68	19.00	3
		25	0	17.67	17.63	17.53	18.00	4
		25	12	17.70	17.60	17.55	18.00	4
		25	25	17.80	17.62	17.65	18.00	4
		50	0	17.69	17.69	17.62	18.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3575	3597.5		
Channel				43115	43340	43565		
5	QPSK	1	0	21.67	21.69	21.63	22.00	0
		1	12	21.85	21.53	21.58	22.00	0
		1	24	21.80	21.68	21.69	22.00	0
		12	0	20.73	20.55	20.66	21.00	1
		12	6	20.67	20.70	20.62	21.00	1
		12	13	20.80	20.76	20.60	21.00	1
		25	0	20.74	20.63	20.67	21.00	1
5	16-QAM	1	0	20.76	20.64	20.60	21.00	1
		1	12	20.75	20.71	20.64	21.00	1
		1	24	20.84	20.74	20.59	21.00	1
		12	0	19.69	19.60	19.72	20.00	2
		12	6	19.81	19.61	19.54	20.00	2
		12	13	19.71	19.65	19.54	20.00	2
		25	0	19.73	19.73	19.69	20.00	2
5	64-QAM	1	0	19.72	19.54	19.56	20.00	2
		1	12	19.79	19.65	19.61	20.00	2
		1	24	19.69	19.65	19.54	20.00	2
		12	0	18.71	18.56	18.62	19.00	3
		12	6	18.75	18.72	18.62	19.00	3
		12	13	18.83	18.58	18.58	19.00	3
		25	0	18.80	18.67	18.61	19.00	3
5	256-QAM	1	0	18.74	18.53	18.64	19.00	3
		1	12	18.86	18.61	18.62	19.00	3
		1	24	18.65	18.57	18.62	19.00	3
		12	0	17.72	17.51	17.66	18.00	4
		12	6	17.75	17.61	17.60	18.00	4
		12	13	17.73	17.67	17.59	18.00	4
		25	0	17.67	17.69	17.65	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3610	3650	3690		
Channel				43690	44090	44490		
20	QPSK	1	0	21.76	21.69	21.87	22.00	0
		1	50	21.55	21.55	21.57	22.00	0
		1	99	21.50	21.58	21.65	22.00	0
		50	0	20.49	20.64	20.53	21.00	1
		50	25	20.45	20.47	20.79	21.00	1
		50	50	20.49	20.59	20.62	21.00	1
		100	0	20.46	20.61	20.52	21.00	1
20	16-QAM	1	0	20.32	20.59	20.57	21.00	1
		1	50	20.54	20.51	20.49	21.00	1
		1	99	20.52	20.64	20.64	21.00	1
		50	0	19.60	19.58	19.77	20.00	2
		50	25	19.59	19.55	19.51	20.00	2
		50	50	19.54	19.52	19.56	20.00	2
		100	0	19.48	19.41	19.61	20.00	2
20	64-QAM	1	0	19.63	19.46	19.72	20.00	2
		1	50	19.55	19.42	19.58	20.00	2
		1	99	19.52	19.60	19.70	20.00	2
		50	0	18.62	18.63	18.64	19.00	3
		50	25	18.68	18.56	18.73	19.00	3
		50	50	18.49	18.45	18.63	19.00	3
		100	0	18.49	18.66	18.67	19.00	3
20	256-QAM	1	0	18.50	18.44	18.79	19.00	3
		1	50	18.37	18.65	18.58	19.00	3
		1	99	18.42	18.52	18.62	19.00	3
		50	0	17.59	17.65	17.66	18.00	4
		50	25	17.48	17.54	17.73	18.00	4
		50	50	17.54	17.56	17.64	18.00	4
		100	0	17.51	17.44	17.50	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3607.5	3650	3692.5		
Channel				43665	44090	44515		
15	QPSK	1	0	21.65	21.57	21.74	22.00	0
		1	36	21.56	21.65	21.72	22.00	0
		1	74	21.42	21.57	21.79	22.00	0
		36	0	20.50	20.58	20.84	21.00	1
		36	18	20.55	20.60	20.61	21.00	1
		36	37	20.39	20.47	20.83	21.00	1
		75	0	20.35	20.55	20.61	21.00	1
15	16-QAM	1	0	20.45	20.48	20.79	21.00	1
		1	36	20.53	20.48	20.57	21.00	1
		1	74	20.58	20.66	20.69	21.00	1
		36	0	19.43	19.44	19.69	20.00	2
		36	18	19.56	19.56	19.65	20.00	2
		36	37	19.50	19.72	19.61	20.00	2
		75	0	19.58	19.43	19.71	20.00	2
15	64-QAM	1	0	19.61	19.58	19.80	20.00	2
		1	36	19.64	19.68	19.85	20.00	2
		1	74	19.48	19.43	19.67	20.00	2
		36	0	18.60	18.64	18.66	19.00	3
		36	18	18.46	18.61	18.81	19.00	3
		36	37	18.60	18.58	18.62	19.00	3
		75	0	18.38	18.48	18.67	19.00	3
15	256-QAM	1	0	18.44	18.77	18.67	19.00	3
		1	36	18.48	18.56	18.63	19.00	3
		1	74	18.60	18.59	18.62	19.00	3
		36	0	17.51	17.66	17.60	18.00	4
		36	18	17.55	17.41	17.72	18.00	4
		36	37	17.64	17.58	17.67	18.00	4
		75	0	17.57	17.59	17.60	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3605	3650	3695		
Channel				43640	44090	44540		
10	QPSK	1	0	21.44	21.51	21.57	22.00	0
		1	25	21.49	21.44	21.76	22.00	0
		1	49	21.52	21.77	21.73	22.00	0
		25	0	20.53	20.60	20.75	21.00	1
		25	12	20.45	20.54	20.72	21.00	1
		25	25	20.55	20.63	20.77	21.00	1
		50	0	20.50	20.54	20.59	21.00	1
10	16-QAM	1	0	20.60	20.52	20.61	21.00	1
		1	25	20.55	20.60	20.70	21.00	1
		1	49	20.71	20.69	20.69	21.00	1
		25	0	19.63	19.48	19.65	20.00	2
		25	12	19.53	19.63	19.57	20.00	2
		25	25	19.43	19.63	19.73	20.00	2
		50	0	19.43	19.60	19.76	20.00	2
10	64-QAM	1	0	19.60	19.63	19.82	20.00	2
		1	25	19.52	19.52	19.50	20.00	2
		1	49	19.58	19.68	19.74	20.00	2
		25	0	18.49	18.54	18.50	19.00	3
		25	12	18.66	18.52	18.49	19.00	3
		25	25	18.50	18.51	18.59	19.00	3
		50	0	18.50	18.70	18.71	19.00	3
10	256-QAM	1	0	18.51	18.59	18.59	19.00	3
		1	25	18.61	18.63	18.78	19.00	3
		1	49	18.52	18.69	18.65	19.00	3
		25	0	17.48	17.69	17.73	18.00	4
		25	12	17.57	17.55	17.62	18.00	4
		25	25	17.47	17.52	17.61	18.00	4
		50	0	17.61	17.41	17.69	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3602.5	3650	3697.5		
Channel				43615	44090	44565		
5	QPSK	1	0	21.51	21.55	21.77	22.00	0
		1	12	21.46	21.45	21.83	22.00	0
		1	24	21.63	21.50	21.62	22.00	0
		12	0	20.51	20.61	20.61	21.00	1
		12	6	20.48	20.66	20.64	21.00	1
		12	13	20.51	20.71	20.72	21.00	1
		25	0	20.42	20.49	20.53	21.00	1
5	16-QAM	1	0	20.47	20.42	20.58	21.00	1
		1	12	20.72	20.53	20.69	21.00	1
		1	24	20.42	20.56	20.61	21.00	1
		12	0	19.56	19.58	19.61	20.00	2
		12	6	19.54	19.59	19.66	20.00	2
		12	13	19.55	19.56	19.68	20.00	2
		25	0	19.63	19.56	19.70	20.00	2
5	64-QAM	1	0	19.66	19.59	19.78	20.00	2
		1	12	19.57	19.53	19.63	20.00	2
		1	24	19.50	19.64	19.65	20.00	2
		12	0	18.51	18.50	18.72	19.00	3
		12	6	18.36	18.69	18.60	19.00	3
		12	13	18.42	18.69	18.74	19.00	3
		25	0	18.65	18.73	18.71	19.00	3
5	256-QAM	1	0	18.70	18.60	18.70	19.00	3
		1	12	18.35	18.57	18.57	19.00	3
		1	24	18.43	18.53	18.66	19.00	3
		12	0	17.37	17.44	17.75	18.00	4
		12	6	17.65	17.52	17.70	18.00	4
		12	13	17.49	17.66	17.64	18.00	4
		25	0	17.50	17.59	17.55	18.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	21.74	21.83	21.99	21.96	22.00	0
		1	50	21.61	21.71	21.88	21.80	22.00	0
		1	99	21.54	21.65	21.79	21.89	22.00	0
		50	0	20.62	20.71	20.70	20.86	21.00	1
		50	25	20.57	20.65	20.86	20.77	21.00	1
		50	50	20.58	20.72	20.95	20.84	21.00	1
		100	0	20.62	20.63	20.92	20.80	21.00	1
20	16-QAM	1	0	20.62	20.66	20.95	20.79	21.00	1
		1	50	20.62	20.76	20.83	20.77	21.00	1
		1	99	20.56	20.59	20.79	20.84	21.00	1
		50	0	19.60	19.67	19.95	19.66	20.00	2
		50	25	19.51	19.55	19.90	19.82	20.00	2
		50	50	19.57	19.81	19.82	19.86	20.00	2
		100	0	19.45	19.63	19.89	19.79	20.00	2
20	64-QAM	1	0	19.55	19.72	19.84	19.82	20.00	2
		1	50	19.60	19.79	19.79	19.94	20.00	2
		1	99	19.59	19.78	19.71	19.79	20.00	2
		50	0	18.57	18.70	18.88	18.77	19.00	3
		50	25	18.57	18.68	18.91	18.94	19.00	3
		50	50	18.64	18.66	18.80	18.81	19.00	3
		100	0	18.51	18.58	18.81	18.77	19.00	3
20	256-QAM	1	0	18.56	18.68	18.80	18.76	19.00	3
		1	50	18.56	18.73	18.91	18.80	19.00	3
		1	99	18.54	18.67	18.77	18.79	19.00	3
		50	0	17.57	17.61	17.72	17.70	18.00	4
		50	25	17.63	17.64	17.85	17.87	18.00	4
		50	50	17.57	17.62	17.81	17.81	18.00	4
		100	0	17.65	17.74	17.89	17.76	18.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	21.62	21.73	21.80	21.80	22.00	0
		1	36	21.58	21.57	21.72	21.72	22.00	0
		1	74	21.57	21.67	21.75	21.83	22.00	0
		36	0	20.60	20.61	20.84	20.87	21.00	1
		36	18	20.51	20.59	20.87	20.78	21.00	1
		36	37	20.47	20.63	20.85	20.80	21.00	1
		75	0	20.50	20.67	20.82	20.89	21.00	1
15	16-QAM	1	0	20.54	20.74	20.94	20.86	21.00	1
		1	36	20.54	20.69	20.89	20.83	21.00	1
		1	74	20.65	20.67	20.79	20.85	21.00	1
		36	0	19.62	19.76	19.82	19.88	20.00	2
		36	18	19.52	19.68	19.82	19.80	20.00	2
		36	37	19.54	19.59	19.93	19.82	20.00	2
		75	0	19.49	19.71	19.88	19.71	20.00	2
15	64-QAM	1	0	19.54	19.65	19.86	19.77	20.00	2
		1	36	19.56	19.71	19.83	19.85	20.00	2
		1	74	19.59	19.69	19.73	19.88	20.00	2
		36	0	18.57	18.70	18.77	18.73	19.00	3
		36	18	18.51	18.65	18.83	18.79	19.00	3
		36	37	18.51	18.61	18.87	18.83	19.00	3
		75	0	18.67	18.69	18.81	18.76	19.00	3
15	256-QAM	1	0	18.60	18.62	18.94	18.74	19.00	3
		1	36	18.64	18.61	18.89	18.72	19.00	3
		1	74	18.69	18.73	18.89	18.82	19.00	3
		36	0	17.47	17.62	17.83	17.84	18.00	4
		36	18	17.64	17.78	17.87	17.82	18.00	4
		36	37	17.62	17.61	17.83	17.90	18.00	4
		75	0	17.57	17.69	17.84	17.75	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	21.60	21.59	21.91	21.80	22.00	0
		1	25	21.65	21.63	21.79	21.90	22.00	0
		1	49	21.58	21.61	21.80	21.93	22.00	0
		25	0	20.66	20.77	20.80	20.72	21.00	1
		25	12	20.48	20.67	20.94	20.87	21.00	1
		25	25	20.54	20.59	20.96	20.81	21.00	1
		50	0	20.60	20.62	20.90	20.84	21.00	1
10	16-QAM	1	0	20.61	20.67	20.84	20.82	21.00	1
		1	25	20.50	20.65	20.84	20.66	21.00	1
		1	49	20.58	20.67	20.76	20.68	21.00	1
		25	0	19.61	19.75	19.77	19.82	20.00	2
		25	12	19.62	19.59	19.79	19.89	20.00	2
		25	25	19.59	19.71	19.85	19.77	20.00	2
		50	0	19.51	19.69	19.84	19.81	20.00	2
10	64-QAM	1	0	19.64	19.72	19.78	19.79	20.00	2
		1	25	19.58	19.61	19.82	19.81	20.00	2
		1	49	19.69	19.75	19.83	19.81	20.00	2
		25	0	18.59	18.67	18.81	18.78	19.00	3
		25	12	18.71	18.59	18.76	18.79	19.00	3
		25	25	18.59	18.64	18.90	18.78	19.00	3
		50	0	18.60	18.70	18.76	18.82	19.00	3
10	256-QAM	1	0	18.66	18.69	18.84	18.81	19.00	3
		1	25	18.58	18.68	18.91	18.86	19.00	3
		1	49	18.56	18.63	18.77	18.85	19.00	3
		25	0	17.58	17.64	17.84	17.81	18.00	4
		25	12	17.57	17.77	17.74	17.73	18.00	4
		25	25	17.56	17.64	17.91	17.72	18.00	4
		50	0	17.51	17.63	17.88	17.79	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	21.49	21.71	21.93	21.75	22.00	0
		1	12	21.59	21.62	21.86	21.82	22.00	0
		1	24	21.48	21.63	21.85	21.76	22.00	0
		12	0	20.57	20.68	20.73	20.73	21.00	1
		12	6	20.61	20.79	20.73	20.87	21.00	1
		12	13	20.57	20.69	20.80	20.86	21.00	1
		25	0	20.58	20.64	20.78	20.83	21.00	1
5	16-QAM	1	0	20.51	20.56	20.94	20.72	21.00	1
		1	12	20.62	20.69	20.90	20.85	21.00	1
		1	24	20.48	20.64	20.76	20.77	21.00	1
		12	0	19.68	19.67	19.90	19.77	20.00	2
		12	6	19.58	19.62	19.71	19.80	20.00	2
		12	13	19.54	19.71	19.83	19.75	20.00	2
		25	0	19.70	19.63	19.79	19.87	20.00	2
5	64-QAM	1	0	19.56	19.66	19.85	19.78	20.00	2
		1	12	19.64	19.67	19.80	19.89	20.00	2
		1	24	19.58	19.73	19.77	19.88	20.00	2
		12	0	18.51	18.65	18.92	18.71	19.00	3
		12	6	18.69	18.79	18.82	18.80	19.00	3
		12	13	18.46	18.69	18.77	18.82	19.00	3
		25	0	18.62	18.67	18.79	18.79	19.00	3
5	256-QAM	1	0	18.67	18.61	18.82	18.91	19.00	3
		1	12	18.61	18.63	18.80	18.82	19.00	3
		1	24	18.49	18.63	18.85	18.78	19.00	3
		12	0	17.48	17.73	17.69	17.71	18.00	4
		12	6	17.58	17.67	17.81	17.83	18.00	4
		12	13	17.48	17.80	17.86	17.76	18.00	4
		25	0	17.59	17.74	17.82	17.80	18.00	4

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Main

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	23.30	23.28	23.25	24.00	0
		1	50	23.15	23.12	23.08	24.00	0
		1	99	23.19	23.03	23.24	24.00	0
		50	0	22.11	22.14	22.16	23.00	1
		50	25	22.20	22.17	22.13	23.00	1
		50	50	22.16	22.21	22.07	23.00	1
		100	0	22.09	22.13	22.18	23.00	1
20	16-QAM	1	0	22.23	22.19	22.04	23.00	1
		1	50	22.08	22.14	22.15	23.00	1
		1	99	22.04	22.14	22.06	23.00	1
		50	0	21.12	21.13	21.25	22.00	2
		50	25	21.22	21.09	21.18	22.00	2
		50	50	21.23	21.15	21.13	22.00	2
		100	0	21.26	21.13	21.12	22.00	2
20	64-QAM	1	0	21.14	21.17	21.12	22.00	2
		1	50	21.16	21.10	21.20	22.00	2
		1	99	21.07	21.14	21.13	22.00	2
		50	0	20.15	20.24	20.15	21.00	3
		50	25	20.06	20.12	20.18	21.00	3
		50	50	20.06	20.16	20.04	21.00	3
		100	0	20.27	20.13	20.07	21.00	3
20	256-QAM	1	0	20.20	20.25	20.02	21.00	3
		1	50	20.21	20.14	20.06	21.00	3
		1	99	20.23	20.16	20.16	21.00	3
		50	0	19.12	19.12	19.15	20.00	4
		50	25	19.11	19.17	19.06	20.00	4
		50	50	19.13	19.19	19.27	20.00	4
		100	0	19.17	19.15	19.15	20.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				37825	38000	38175		
15	QPSK	1	0	23.24	23.26	23.08	24.00	0
		1	36	23.24	23.14	23.07	24.00	0
		1	74	23.12	23.15	23.21	24.00	0
		36	0	22.14	22.07	22.06	23.00	1
		36	18	22.17	22.06	22.16	23.00	1
		36	37	22.10	22.15	22.04	23.00	1
		75	0	22.11	22.06	22.12	23.00	1
15	16-QAM	1	0	22.05	22.18	22.04	23.00	1
		1	36	22.10	22.08	22.19	23.00	1
		1	74	22.15	22.18	22.17	23.00	1
		36	0	21.17	21.17	21.14	22.00	2
		36	18	21.19	21.18	21.09	22.00	2
		36	37	21.18	21.08	21.02	22.00	2
		75	0	21.13	21.16	21.16	22.00	2
15	64-QAM	1	0	21.10	21.15	21.24	22.00	2
		1	36	21.05	21.17	21.24	22.00	2
		1	74	21.16	21.26	21.21	22.00	2
		36	0	20.14	20.05	20.14	21.00	3
		36	18	20.09	20.03	20.14	21.00	3
		36	37	20.20	20.20	20.12	21.00	3
		75	0	20.17	20.15	20.25	21.00	3
15	256-QAM	1	0	20.12	20.02	20.10	21.00	3
		1	36	20.09	20.10	20.16	21.00	3
		1	74	20.10	20.11	20.10	21.00	3
		36	0	19.18	19.00	19.15	20.00	4
		36	18	19.13	19.15	19.04	20.00	4
		36	37	19.17	19.05	19.21	20.00	4
		75	0	19.01	19.05	19.18	20.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575	2595	2615		
Channel				37800	38000	38200		
10	QPSK	1	0	23.02	23.19	23.10	24.00	0
		1	25	23.06	23.24	23.15	24.00	0
		1	49	23.10	23.21	23.18	24.00	0
		25	0	22.03	22.15	22.22	23.00	1
		25	12	22.14	22.05	22.08	23.00	1
		25	25	22.24	22.14	22.14	23.00	1
		50	0	22.09	22.14	22.20	23.00	1
10	16-QAM	1	0	22.06	22.14	22.19	23.00	1
		1	25	22.21	22.16	22.23	23.00	1
		1	49	22.21	22.10	22.17	23.00	1
		25	0	21.18	21.12	21.06	22.00	2
		25	12	21.07	21.13	21.15	22.00	2
		25	25	21.11	21.10	21.08	22.00	2
		50	0	21.17	21.14	21.19	22.00	2
10	64-QAM	1	0	21.04	21.07	21.02	22.00	2
		1	25	21.15	21.20	21.16	22.00	2
		1	49	21.03	21.14	21.08	22.00	2
		25	0	20.12	20.12	20.00	21.00	3
		25	12	20.24	20.26	20.09	21.00	3
		25	25	20.22	20.12	20.15	21.00	3
		50	0	20.03	20.12	20.12	21.00	3
10	256-QAM	1	0	20.11	20.19	20.17	21.00	3
		1	25	20.08	20.22	20.16	21.00	3
		1	49	20.19	20.17	20.21	21.00	3
		25	0	19.14	19.15	19.21	20.00	4
		25	12	19.22	19.14	19.19	20.00	4
		25	25	19.13	19.04	19.07	20.00	4
		50	0	19.04	19.15	19.06	20.00	4

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2572.5	2595	2617.5		
Channel				37775	38000	38225		
5	QPSK	1	0	23.14	23.12	23.14	24.00	0
		1	12	23.11	23.04	23.08	24.00	0
		1	24	23.09	23.16	23.15	24.00	0
		12	0	22.22	22.16	22.12	23.00	1
		12	6	22.12	22.10	22.14	23.00	1
		12	13	22.18	22.13	22.12	23.00	1
		25	0	22.14	22.17	22.15	23.00	1
5	16-QAM	1	0	22.20	22.10	22.15	23.00	1
		1	12	22.11	22.09	22.13	23.00	1
		1	24	22.21	22.10	22.16	23.00	1
		12	0	21.17	21.02	21.23	22.00	2
		12	6	21.16	21.06	21.14	22.00	2
		12	13	21.08	21.22	21.16	22.00	2
		25	0	21.18	21.18	21.07	22.00	2
5	64-QAM	1	0	21.17	21.13	21.09	22.00	2
		1	12	21.23	21.12	21.13	22.00	2
		1	24	21.17	21.12	21.11	22.00	2
		12	0	20.21	20.01	20.14	21.00	3
		12	6	20.23	20.10	20.10	21.00	3
		12	13	20.07	20.14	20.23	21.00	3
		25	0	20.12	20.18	20.09	21.00	3
5	256-QAM	1	0	20.20	20.03	20.13	21.00	3
		1	12	20.08	20.20	20.15	21.00	3
		1	24	20.23	20.10	20.06	21.00	3
		12	0	19.14	19.15	19.04	20.00	4
		12	6	19.14	19.26	19.16	20.00	4
		12	13	19.10	19.21	19.18	20.00	4
		25	0	19.07	19.10	19.13	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	23.51	23.55	23.75	23.48	23.66	24.00	0
		1	50	23.44	23.32	23.37	23.21	23.35	24.00	0
		1	99	23.41	23.27	23.37	23.23	23.41	24.00	0
		50	0	22.30	22.39	22.26	22.42	22.31	23.00	1
		50	25	22.34	22.39	22.33	22.36	22.41	23.00	1
		50	50	22.43	22.34	22.47	22.27	22.35	23.00	1
		100	0	22.31	22.41	22.35	22.42	22.42	23.00	1
20	16-QAM	1	0	22.45	22.22	22.38	22.46	22.35	23.00	1
		1	50	22.40	22.36	22.38	22.43	22.27	23.00	1
		1	99	22.39	22.37	22.42	22.36	22.40	23.00	1
		50	0	21.38	21.38	21.38	21.34	21.37	22.00	2
		50	25	21.47	21.47	21.39	21.36	21.46	22.00	2
		50	50	21.35	21.32	21.37	21.38	21.25	22.00	2
		100	0	21.46	21.45	21.37	21.42	21.31	22.00	2
20	64-QAM	1	0	21.41	21.34	21.34	21.37	21.31	22.00	2
		1	50	21.40	21.44	21.33	21.30	21.26	22.00	2
		1	99	21.32	21.28	21.28	21.27	21.35	22.00	2
		50	0	20.27	20.25	20.29	20.31	20.32	21.00	3
		50	25	20.32	20.23	20.34	20.37	20.32	21.00	3
		50	50	20.28	20.46	20.32	20.39	20.24	21.00	3
		100	0	20.42	20.32	20.35	20.26	20.31	21.00	3
20	256-QAM	1	0	20.33	20.40	20.31	20.33	20.33	21.00	3
		1	50	20.32	20.46	20.44	20.36	20.29	21.00	3
		1	99	20.35	20.41	20.33	20.32	20.28	21.00	3
		50	0	19.43	19.36	19.31	19.41	19.38	20.00	4
		50	25	19.41	19.42	19.25	19.37	19.28	20.00	4
		50	50	19.42	19.41	19.41	19.36	19.34	20.00	4
		100	0	19.27	19.43	19.34	19.35	19.37	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	23.35	23.32	23.44	23.37	23.32	24.00	0
		1	36	23.34	23.41	23.26	23.39	23.34	24.00	0
		1	74	23.35	23.26	23.23	23.46	23.36	24.00	0
		36	0	22.34	22.39	22.29	22.39	22.40	23.00	1
		36	18	22.46	22.34	22.40	22.25	22.32	23.00	1
		36	37	22.29	22.39	22.30	22.41	22.41	23.00	1
		75	0	22.45	22.24	22.39	22.39	22.29	23.00	1
15	16-QAM	1	0	22.32	22.39	22.31	22.46	22.40	23.00	1
		1	36	22.41	22.28	22.33	22.43	22.28	23.00	1
		1	74	22.32	22.35	22.42	22.27	22.24	23.00	1
		36	0	21.25	21.27	21.35	21.35	21.33	22.00	2
		36	18	21.34	21.36	21.29	21.30	21.37	22.00	2
		36	37	21.37	21.31	21.29	21.38	21.32	22.00	2
		75	0	21.38	21.34	21.34	21.28	21.37	22.00	2
15	64-QAM	1	0	21.43	21.32	21.30	21.39	21.35	22.00	2
		1	36	21.34	21.44	21.42	21.36	21.42	22.00	2
		1	74	21.28	21.29	21.42	21.29	21.46	22.00	2
		36	0	20.26	20.32	20.41	20.47	20.24	21.00	3
		36	18	20.32	20.42	20.45	20.40	20.38	21.00	3
		36	37	20.36	20.41	20.48	20.24	20.27	21.00	3
		75	0	20.37	20.36	20.35	20.41	20.30	21.00	3
15	256-QAM	1	0	20.34	20.34	20.39	20.36	20.44	21.00	3
		1	36	20.35	20.32	20.46	20.43	20.28	21.00	3
		1	74	20.22	20.35	20.32	20.30	20.40	21.00	3
		36	0	19.47	19.33	19.39	19.32	19.29	20.00	4
		36	18	19.40	19.38	19.31	19.38	19.37	20.00	4
		36	37	19.44	19.28	19.34	19.26	19.22	20.00	4
		75	0	19.35	19.41	19.37	19.42	19.38	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	23.27	23.29	23.26	23.33	23.29	24.00	0
		1	25	23.28	23.32	23.30	23.44	23.33	24.00	0
		1	49	23.36	23.25	23.29	23.28	23.27	24.00	0
		25	0	22.38	22.28	22.31	22.35	22.34	23.00	1
		25	12	22.41	22.33	22.37	22.25	22.40	23.00	1
		25	25	22.34	22.43	22.31	22.36	22.37	23.00	1
		50	0	22.37	22.32	22.22	22.31	22.35	23.00	1
10	16-QAM	1	0	22.40	22.32	22.43	22.29	22.41	23.00	1
		1	25	22.31	22.27	22.26	22.33	22.27	23.00	1
		1	49	22.33	22.37	22.33	22.36	22.40	23.00	1
		25	0	21.34	21.30	21.37	21.38	21.32	22.00	2
		25	12	21.34	21.32	21.34	21.37	21.37	22.00	2
		25	25	21.43	21.29	21.29	21.26	21.29	22.00	2
		50	0	21.34	21.33	21.37	21.28	21.34	22.00	2
10	64-QAM	1	0	21.27	21.30	21.31	21.37	21.39	22.00	2
		1	25	21.47	21.42	21.39	21.25	21.27	22.00	2
		1	49	21.38	21.39	21.30	21.26	21.38	22.00	2
		25	0	20.39	20.32	20.30	20.46	20.39	21.00	3
		25	12	20.45	20.36	20.48	20.29	20.22	21.00	3
		25	25	20.23	20.36	20.29	20.35	20.45	21.00	3
		50	0	20.48	20.33	20.32	20.35	20.31	21.00	3
10	256-QAM	1	0	20.32	20.23	20.37	20.46	20.33	21.00	3
		1	25	20.36	20.32	20.25	20.27	20.46	21.00	3
		1	49	20.30	20.26	20.41	20.40	20.39	21.00	3
		25	0	19.44	19.41	19.31	19.35	19.45	20.00	4
		25	12	19.26	19.37	19.37	19.30	19.37	20.00	4
		25	25	19.28	19.31	19.39	19.27	19.39	20.00	4
		50	0	19.37	19.22	19.32	19.34	19.28	20.00	4

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LTE Band 41_PC3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	23.42	23.29	23.32	23.37	23.44	24.00	0
		1	12	23.22	23.32	23.42	23.40	23.38	24.00	0
		1	24	23.43	23.47	23.29	23.29	23.33	24.00	0
		12	0	22.35	22.37	22.37	22.39	22.29	23.00	1
		12	6	22.28	22.36	22.40	22.26	22.43	23.00	1
		12	13	22.31	22.33	22.43	22.26	22.45	23.00	1
		25	0	22.25	22.34	22.32	22.28	22.31	23.00	1
5	16-QAM	1	0	22.35	22.31	22.38	22.39	22.37	23.00	1
		1	12	22.36	22.43	22.33	22.30	22.46	23.00	1
		1	24	22.40	22.49	22.35	22.44	22.37	23.00	1
		12	0	21.32	21.34	21.39	21.31	21.33	22.00	2
		12	6	21.26	21.31	21.24	21.34	21.30	22.00	2
		12	13	21.29	21.31	21.33	21.29	21.21	22.00	2
		25	0	21.37	21.32	21.23	21.47	21.32	22.00	2
5	64-QAM	1	0	21.39	21.40	21.47	21.31	21.32	22.00	2
		1	12	21.38	21.26	21.26	21.36	21.40	22.00	2
		1	24	21.40	21.45	21.34	21.41	21.28	22.00	2
		12	0	20.43	20.30	20.35	20.45	20.27	21.00	3
		12	6	20.44	20.28	20.41	20.40	20.45	21.00	3
		12	13	20.34	20.38	20.30	20.32	20.33	21.00	3
		25	0	20.37	20.39	20.43	20.27	20.38	21.00	3
5	256-QAM	1	0	20.25	20.40	20.39	20.39	20.31	21.00	3
		1	12	20.26	20.33	20.26	20.34	20.22	21.00	3
		1	24	20.39	20.32	20.35	20.31	20.37	21.00	3
		12	0	19.29	19.45	19.35	19.25	19.41	20.00	4
		12	6	19.38	19.37	19.47	19.22	19.34	20.00	4
		12	13	19.36	19.46	19.32	19.40	19.27	20.00	4
		25	0	19.22	19.44	19.36	19.29	19.45	20.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	25.82	25.92	26.05	25.82	25.87	27.00	0
		1	50	25.54	25.74	25.91	25.68	25.81	27.00	0
		1	99	25.62	25.74	25.83	25.76	25.61	27.00	0
		50	0	24.66	24.76	24.92	24.72	24.61	26.00	1
		50	25	24.59	24.84	24.99	24.68	24.69	26.00	1
		50	50	24.64	24.87	24.89	24.62	24.72	26.00	1
		100	0	24.63	24.68	24.94	24.64	24.71	26.00	1
20	16-QAM	1	0	24.58	24.75	24.75	24.70	24.75	26.00	1
		1	50	24.70	24.70	24.95	24.57	24.61	26.00	1
		1	99	24.61	24.71	24.90	24.75	24.59	26.00	1
		50	0	23.67	23.78	23.80	23.62	23.73	25.00	2
		50	25	23.65	23.65	23.96	23.60	23.73	25.00	2
		50	50	23.74	23.62	23.86	23.70	23.77	25.00	2
		100	0	23.66	23.77	23.84	23.64	23.68	25.00	2
20	64-QAM	1	0	23.67	23.72	23.88	23.64	23.65	25.00	2
		1	50	23.69	23.78	23.86	23.61	23.69	25.00	2
		1	99	23.61	23.82	23.83	23.68	23.74	25.00	2
		50	0	22.65	22.83	22.88	22.70	22.69	24.00	3
		50	25	22.61	22.66	22.93	22.67	22.61	24.00	3
		50	50	22.73	22.82	22.84	22.74	22.65	24.00	3
		100	0	22.69	22.69	22.92	22.67	22.72	24.00	3
20	256-QAM	1	0	22.74	22.73	22.89	22.78	22.73	24.00	3
		1	50	22.58	22.76	22.82	22.69	22.80	24.00	3
		1	99	22.66	22.66	22.79	22.76	22.66	24.00	3
		50	0	21.61	21.83	21.89	21.65	21.68	23.00	4
		50	25	21.62	21.69	21.97	21.66	21.63	23.00	4
		50	50	21.60	21.75	21.90	21.65	21.71	23.00	4
		100	0	21.59	21.87	21.86	21.58	21.74	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	25.56	25.79	25.79	25.64	25.70	27.00	0
		1	36	25.60	25.66	25.92	25.74	25.68	27.00	0
		1	74	25.65	25.81	25.92	25.59	25.77	27.00	0
		36	0	24.66	24.85	24.97	24.63	24.76	26.00	1
		36	18	24.63	24.71	24.88	24.73	24.62	26.00	1
		36	37	24.57	24.71	24.95	24.58	24.71	26.00	1
		75	0	24.72	24.79	24.99	24.65	24.75	26.00	1
15	16-QAM	1	0	24.70	24.71	24.95	24.64	24.74	26.00	1
		1	36	24.61	24.84	24.91	24.66	24.72	26.00	1
		1	74	24.59	24.77	24.88	24.65	24.76	26.00	1
		36	0	23.69	23.74	23.97	23.69	23.68	25.00	2
		36	18	23.64	23.81	23.92	23.58	23.82	25.00	2
		36	37	23.62	23.67	23.95	23.64	23.73	25.00	2
		75	0	23.64	23.73	23.83	23.71	23.66	25.00	2
15	64-QAM	1	0	23.68	23.83	23.94	23.68	23.70	25.00	2
		1	36	23.64	23.75	23.92	23.71	23.72	25.00	2
		1	74	23.73	23.88	23.85	23.70	23.60	25.00	2
		36	0	22.70	22.69	22.93	22.75	22.75	24.00	3
		36	18	22.60	22.77	22.92	22.72	22.72	24.00	3
		36	37	22.78	22.80	22.93	22.73	22.61	24.00	3
		75	0	22.59	22.82	22.82	22.58	22.67	24.00	3
15	256-QAM	1	0	22.60	22.83	23.03	22.64	22.71	24.00	3
		1	36	22.71	22.68	22.86	22.63	22.62	24.00	3
		1	74	22.70	22.80	22.95	22.62	22.67	24.00	3
		36	0	21.61	21.74	21.83	21.62	21.70	23.00	4
		36	18	21.69	21.83	21.90	21.67	21.60	23.00	4
		36	37	21.76	21.83	21.85	21.75	21.67	23.00	4
		75	0	21.66	21.78	21.95	21.66	21.68	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	25.70	25.83	25.89	25.61	25.67	27.00	0
		1	25	25.52	25.75	25.99	25.62	25.68	27.00	0
		1	49	25.77	25.77	25.78	25.78	25.69	27.00	0
		25	0	24.75	24.77	24.89	24.72	24.72	26.00	1
		25	12	24.64	24.86	24.85	24.66	24.79	26.00	1
		25	25	24.67	24.82	24.91	24.71	24.82	26.00	1
		50	0	24.67	24.74	24.80	24.70	24.70	26.00	1
10	16-QAM	1	0	24.62	24.80	24.84	24.68	24.74	26.00	1
		1	25	24.62	24.80	24.84	24.79	24.75	26.00	1
		1	49	24.69	24.69	24.81	24.71	24.69	26.00	1
		25	0	23.58	23.77	23.90	23.68	23.65	25.00	2
		25	12	23.57	23.66	24.00	23.63	23.66	25.00	2
		25	25	23.66	23.77	23.89	23.74	23.74	25.00	2
		50	0	23.71	23.64	23.88	23.62	23.79	25.00	2
10	64-QAM	1	0	23.63	23.72	23.85	23.57	23.76	25.00	2
		1	25	23.68	23.83	23.90	23.70	23.66	25.00	2
		1	49	23.67	23.80	23.76	23.67	23.79	25.00	2
		25	0	22.71	22.75	22.76	22.62	22.73	24.00	3
		25	12	22.62	22.83	22.82	22.61	22.66	24.00	3
		25	25	22.68	22.77	22.85	22.61	22.63	24.00	3
		50	0	22.62	22.78	22.87	22.58	22.66	24.00	3
10	256-QAM	1	0	22.60	22.71	23.02	22.54	22.74	24.00	3
		1	25	22.69	22.76	22.89	22.61	22.72	24.00	3
		1	49	22.63	22.77	22.85	22.76	22.79	24.00	3
		25	0	21.72	21.90	21.85	21.64	21.62	23.00	4
		25	12	21.63	21.81	21.88	21.64	21.70	23.00	4
		25	25	21.69	21.82	21.91	21.70	21.78	23.00	4
		50	0	21.75	21.72	21.89	21.75	21.80	23.00	4

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LTE Band 41_PC2										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	25.69	25.82	25.83	25.70	25.73	27.00	0
		1	12	25.72	25.74	25.93	25.57	25.70	27.00	0
		1	24	25.53	25.69	25.98	25.78	25.74	27.00	0
		12	0	24.67	24.77	24.99	24.64	24.59	26.00	1
		12	6	24.59	24.72	24.89	24.76	24.71	26.00	1
		12	13	24.71	24.63	24.95	24.73	24.66	26.00	1
		25	0	24.58	24.80	24.87	24.68	24.79	26.00	1
5	16-QAM	1	0	24.65	24.77	24.93	24.64	24.62	26.00	1
		1	12	24.64	24.74	24.88	24.69	24.59	26.00	1
		1	24	24.70	24.79	24.94	24.63	24.66	26.00	1
		12	0	23.67	23.79	23.82	23.67	23.78	25.00	2
		12	6	23.56	23.80	23.96	23.67	23.59	25.00	2
		12	13	23.62	23.69	23.83	23.65	23.72	25.00	2
		25	0	23.62	23.80	23.87	23.66	23.68	25.00	2
5	64-QAM	1	0	23.75	23.81	23.76	23.61	23.69	25.00	2
		1	12	23.67	23.70	23.91	23.58	23.75	25.00	2
		1	24	23.56	23.71	23.91	23.69	23.67	25.00	2
		12	0	22.72	22.72	22.95	22.71	22.70	24.00	3
		12	6	22.76	22.71	22.85	22.62	22.80	24.00	3
		12	13	22.79	22.76	22.85	22.64	22.69	24.00	3
		25	0	22.63	22.80	22.87	22.69	22.77	24.00	3
5	256-QAM	1	0	22.59	22.64	22.83	22.73	22.71	24.00	3
		1	12	22.63	22.69	22.98	22.61	22.70	24.00	3
		1	24	22.62	22.65	22.89	22.64	22.68	24.00	3
		12	0	21.58	21.70	22.01	21.63	21.67	23.00	4
		12	6	21.70	21.64	21.94	21.76	21.71	23.00	4
		12	13	21.67	21.75	21.96	21.58	21.66	23.00	4
		25	0	21.68	21.71	21.79	21.62	21.75	23.00	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460	3500	3540		
Channel				42190	42590	42990		
20	QPSK	1	0	23.94	23.84	23.96	24.00	0
		1	50	23.76	23.83	23.82	24.00	0
		1	99	23.85	23.79	23.81	24.00	0
		50	0	22.90	22.84	22.76	23.00	1
		50	25	22.79	22.86	22.78	23.00	1
		50	50	22.84	22.85	22.68	23.00	1
		100	0	22.87	22.69	22.76	23.00	1
20	16-QAM	1	0	22.80	22.77	22.70	23.00	1
		1	50	22.84	22.76	22.73	23.00	1
		1	99	22.69	22.77	22.80	23.00	1
		50	0	21.84	21.69	21.71	22.00	2
		50	25	21.79	21.69	21.78	22.00	2
		50	50	21.88	21.76	21.89	22.00	2
		100	0	21.76	21.87	21.84	22.00	2
20	64-QAM	1	0	21.82	21.84	21.66	22.00	2
		1	50	21.77	21.80	21.76	22.00	2
		1	99	21.81	21.79	21.80	22.00	2
		50	0	20.80	20.75	20.82	21.00	3
		50	25	20.80	20.77	20.74	21.00	3
		50	50	20.78	20.68	20.76	21.00	3
		100	0	20.87	20.79	20.78	21.00	3
20	256-QAM	1	0	20.79	20.75	20.71	21.00	3
		1	50	20.73	20.78	20.85	21.00	3
		1	99	20.85	20.78	20.71	21.00	3
		50	0	19.83	19.75	19.79	20.00	4
		50	25	19.72	19.82	19.68	20.00	4
		50	50	19.77	19.73	19.73	20.00	4
		100	0	19.72	19.79	19.73	20.00	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500	3542.5		
Channel				42165	42590	43015		
15	QPSK	1	0	23.68	23.75	23.82	24.00	0
		1	36	23.69	23.85	23.68	24.00	0
		1	74	23.77	23.88	23.87	24.00	0
		36	0	22.67	22.80	22.80	23.00	1
		36	18	22.74	22.81	22.82	23.00	1
		36	37	22.72	22.77	22.76	23.00	1
		75	0	22.76	22.91	22.81	23.00	1
15	16-QAM	1	0	22.72	22.81	22.76	23.00	1
		1	36	22.81	22.75	22.84	23.00	1
		1	74	22.87	22.84	22.83	23.00	1
		36	0	21.81	21.71	21.71	22.00	2
		36	18	21.73	21.84	21.83	22.00	2
		36	37	21.73	21.90	21.79	22.00	2
		75	0	21.76	21.74	21.89	22.00	2
15	64-QAM	1	0	21.73	21.71	21.65	22.00	2
		1	36	21.84	21.73	21.86	22.00	2
		1	74	21.78	21.75	21.81	22.00	2
		36	0	20.90	20.88	20.75	21.00	3
		36	18	20.74	20.89	20.83	21.00	3
		36	37	20.78	20.75	20.79	21.00	3
		75	0	20.84	20.75	20.73	21.00	3
15	256-QAM	1	0	20.85	20.78	20.81	21.00	3
		1	36	20.68	20.78	20.74	21.00	3
		1	74	20.72	20.79	20.73	21.00	3
		36	0	19.81	19.76	19.78	20.00	4
		36	18	19.68	19.73	19.71	20.00	4
		36	37	19.68	19.68	19.90	20.00	4
		75	0	19.75	19.88	19.88	20.00	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	23.73	23.83	23.83	24.00	0
		1	25	23.90	23.73	23.81	24.00	0
		1	49	23.85	23.78	23.79	24.00	0
		25	0	22.81	22.83	22.90	23.00	1
		25	12	22.85	22.80	22.76	23.00	1
		25	25	22.88	22.71	22.76	23.00	1
		50	0	22.77	22.73	22.88	23.00	1
10	16-QAM	1	0	22.76	22.77	22.70	23.00	1
		1	25	22.79	22.82	22.84	23.00	1
		1	49	22.89	22.81	22.85	23.00	1
		25	0	21.87	21.73	21.88	22.00	2
		25	12	21.81	21.82	21.89	22.00	2
		25	25	21.70	21.87	21.74	22.00	2
		50	0	21.76	21.80	21.82	22.00	2
10	64-QAM	1	0	21.81	21.65	21.80	22.00	2
		1	25	21.73	21.82	21.77	22.00	2
		1	49	21.91	21.79	21.69	22.00	2
		25	0	20.80	20.77	20.69	21.00	3
		25	12	20.74	20.80	20.85	21.00	3
		25	25	20.69	20.80	20.83	21.00	3
		50	0	20.74	20.84	20.75	21.00	3
10	256-QAM	1	0	20.82	20.78	20.78	21.00	3
		1	25	20.72	20.72	20.67	21.00	3
		1	49	20.79	20.85	20.88	21.00	3
		25	0	19.80	19.89	19.81	20.00	4
		25	12	19.66	19.77	19.73	20.00	4
		25	25	19.78	19.84	19.77	20.00	4
		50	0	19.79	19.79	19.80	20.00	4

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LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	23.83	23.71	23.87	24.00	0
		1	12	23.79	23.81	23.82	24.00	0
		1	24	23.74	23.86	23.85	24.00	0
		12	0	22.73	22.86	22.66	23.00	1
		12	6	22.76	22.79	22.75	23.00	1
		12	13	22.78	22.78	22.73	23.00	1
		25	0	22.80	22.75	22.77	23.00	1
5	16-QAM	1	0	22.80	22.68	22.77	23.00	1
		1	12	22.71	22.82	22.78	23.00	1
		1	24	22.79	22.72	22.76	23.00	1
		12	0	21.80	21.69	21.81	22.00	2
		12	6	21.85	21.75	21.77	22.00	2
		12	13	21.85	21.78	21.69	22.00	2
		25	0	21.80	21.83	21.75	22.00	2
5	64-QAM	1	0	21.79	21.77	21.77	22.00	2
		1	12	21.76	21.71	21.74	22.00	2
		1	24	21.78	21.81	21.88	22.00	2
		12	0	20.72	20.67	20.67	21.00	3
		12	6	20.80	20.79	20.69	21.00	3
		12	13	20.73	20.72	20.65	21.00	3
		25	0	20.80	20.73	20.80	21.00	3
5	256-QAM	1	0	20.77	20.74	20.81	21.00	3
		1	12	20.65	20.87	20.85	21.00	3
		1	24	20.69	20.86	20.81	21.00	3
		12	0	19.77	19.79	19.70	20.00	4
		12	6	19.78	19.79	19.69	20.00	4
		12	13	19.68	19.87	19.82	20.00	4
		25	0	19.87	19.82	19.84	20.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3575	3590		
Channel				43190	43340	43490		
20	QPSK	1	0	21.88	21.94	21.98	22.00	0
		1	50	21.81	21.86	21.82	22.00	0
		1	99	21.73	21.91	21.81	22.00	0
		50	0	20.68	20.82	20.80	21.00	1
		50	25	20.74	20.75	20.89	21.00	1
		50	50	20.62	20.76	20.83	21.00	1
		100	0	20.68	20.67	20.85	21.00	1
20	16-QAM	1	0	20.61	20.72	20.82	21.00	1
		1	50	20.81	20.75	20.76	21.00	1
		1	99	20.69	20.71	20.72	21.00	1
		50	0	19.71	19.68	19.77	20.00	2
		50	25	19.75	19.75	19.83	20.00	2
		50	50	19.67	19.68	19.79	20.00	2
		100	0	19.72	19.79	19.81	20.00	2
20	64-QAM	1	0	19.74	19.75	19.90	20.00	2
		1	50	19.70	19.78	19.77	20.00	2
		1	99	19.72	19.70	19.70	20.00	2
		50	0	18.65	18.77	18.85	19.00	3
		50	25	18.79	18.67	18.83	19.00	3
		50	50	18.78	18.83	18.76	19.00	3
		100	0	18.77	18.76	18.83	19.00	3
20	256-QAM	1	0	18.73	18.73	18.87	19.00	3
		1	50	18.75	18.90	18.87	19.00	3
		1	99	18.80	18.87	18.83	19.00	3
		50	0	17.66	17.78	17.80	18.00	4
		50	25	17.77	17.66	17.80	18.00	4
		50	50	17.74	17.66	17.76	18.00	4
		100	0	17.70	17.67	17.78	18.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3575	3592.5		
Channel				43165	43340	43515		
15	QPSK	1	0	21.67	21.85	21.78	22.00	0
		1	36	21.80	21.86	21.84	22.00	0
		1	74	21.61	21.86	21.90	22.00	0
		36	0	20.64	20.72	20.83	21.00	1
		36	18	20.70	20.78	20.89	21.00	1
		36	37	20.71	20.71	20.84	21.00	1
		75	0	20.84	20.73	20.83	21.00	1
15	16-QAM	1	0	20.79	20.84	20.82	21.00	1
		1	36	20.66	20.76	20.79	21.00	1
		1	74	20.58	20.81	20.71	21.00	1
		36	0	19.70	19.67	19.79	20.00	2
		36	18	19.63	19.87	19.85	20.00	2
		36	37	19.63	19.69	19.85	20.00	2
		75	0	19.71	19.75	19.89	20.00	2
15	64-QAM	1	0	19.79	19.84	19.81	20.00	2
		1	36	19.65	19.72	19.80	20.00	2
		1	74	19.74	19.74	19.92	20.00	2
		36	0	18.64	18.88	18.81	19.00	3
		36	18	18.77	18.85	18.88	19.00	3
		36	37	18.76	18.81	18.86	19.00	3
		75	0	18.68	18.79	18.87	19.00	3
15	256-QAM	1	0	18.73	18.80	18.80	19.00	3
		1	36	18.70	18.75	18.81	19.00	3
		1	74	18.75	18.76	18.91	19.00	3
		36	0	17.81	17.91	17.92	18.00	4
		36	18	17.65	17.83	17.78	18.00	4
		36	37	17.82	17.75	17.93	18.00	4
		75	0	17.66	17.74	17.91	18.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3575	3595		
Channel				43140	43340	43540		
10	QPSK	1	0	21.78	21.68	21.75	22.00	0
		1	25	21.72	21.83	21.70	22.00	0
		1	49	21.73	21.68	21.89	22.00	0
		25	0	20.82	20.83	20.90	21.00	1
		25	12	20.72	20.79	20.90	21.00	1
		25	25	20.76	20.81	20.88	21.00	1
		50	0	20.65	20.83	20.84	21.00	1
10	16-QAM	1	0	20.77	20.82	20.78	21.00	1
		1	25	20.69	20.74	20.81	21.00	1
		1	49	20.73	20.72	20.77	21.00	1
		25	0	19.78	19.82	19.83	20.00	2
		25	12	19.66	19.78	19.93	20.00	2
		25	25	19.68	19.79	19.93	20.00	2
		50	0	19.74	19.86	19.89	20.00	2
10	64-QAM	1	0	19.80	19.72	19.75	20.00	2
		1	25	19.70	19.76	19.81	20.00	2
		1	49	19.67	19.66	19.86	20.00	2
		25	0	18.76	18.82	18.84	19.00	3
		25	12	18.74	18.82	18.79	19.00	3
		25	25	18.79	18.66	18.84	19.00	3
		50	0	18.74	18.79	18.72	19.00	3
10	256-QAM	1	0	18.73	18.70	18.78	19.00	3
		1	25	18.63	18.83	18.84	19.00	3
		1	49	18.70	18.80	18.86	19.00	3
		25	0	17.66	17.88	17.89	18.00	4
		25	12	17.64	17.68	17.73	18.00	4
		25	25	17.74	17.86	17.89	18.00	4
		50	0	17.76	17.76	17.73	18.00	4

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LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3575	3597.5		
Channel				43115	43340	43565		
5	QPSK	1	0	21.76	21.68	21.79	22.00	0
		1	12	21.78	21.80	21.80	22.00	0
		1	24	21.70	21.78	21.88	22.00	0
		12	0	20.72	20.87	20.83	21.00	1
		12	6	20.66	20.73	20.78	21.00	1
		12	13	20.71	20.76	20.85	21.00	1
		25	0	20.80	20.70	20.75	21.00	1
5	16-QAM	1	0	20.69	20.85	20.79	21.00	1
		1	12	20.75	20.80	20.88	21.00	1
		1	24	20.65	20.81	20.78	21.00	1
		12	0	19.73	19.68	19.81	20.00	2
		12	6	19.83	19.82	19.88	20.00	2
		12	13	19.71	19.83	19.91	20.00	2
		25	0	19.69	19.76	19.74	20.00	2
5	64-QAM	1	0	19.72	19.74	19.92	20.00	2
		1	12	19.85	19.83	19.81	20.00	2
		1	24	19.78	19.77	19.82	20.00	2
		12	0	18.73	18.86	18.86	19.00	3
		12	6	18.62	18.70	18.80	19.00	3
		12	13	18.65	18.73	18.93	19.00	3
		25	0	18.78	18.66	18.76	19.00	3
5	256-QAM	1	0	18.72	18.87	18.85	19.00	3
		1	12	18.75	18.82	18.81	19.00	3
		1	24	18.72	18.74	18.80	19.00	3
		12	0	17.70	17.78	17.92	18.00	4
		12	6	17.84	17.72	17.83	18.00	4
		12	13	17.73	17.89	17.83	18.00	4
		25	0	17.76	17.80	17.74	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3610	3650	3690		
Channel				43690	44090	44490		
20	QPSK	1	0	21.87	21.79	21.78	22.00	0
		1	50	21.51	21.70	21.82	22.00	0
		1	99	21.63	21.56	21.75	22.00	0
		50	0	20.85	20.66	20.56	21.00	1
		50	25	20.70	20.77	20.69	21.00	1
		50	50	20.55	20.59	20.78	21.00	1
		100	0	20.67	20.65	20.60	21.00	1
20	16-QAM	1	0	20.61	20.67	20.90	21.00	1
		1	50	20.71	20.75	20.81	21.00	1
		1	99	20.60	20.57	20.91	21.00	1
		50	0	19.63	19.75	19.58	20.00	2
		50	25	19.64	19.82	19.74	20.00	2
		50	50	19.63	19.81	19.77	20.00	2
		100	0	19.57	19.73	19.67	20.00	2
20	64-QAM	1	0	19.73	19.72	19.71	20.00	2
		1	50	19.66	19.73	19.59	20.00	2
		1	99	19.57	19.76	19.87	20.00	2
		50	0	18.66	18.64	18.74	19.00	3
		50	25	18.62	18.69	18.82	19.00	3
		50	50	18.54	18.53	18.87	19.00	3
		100	0	18.61	18.62	18.80	19.00	3
20	256-QAM	1	0	18.59	18.83	18.71	19.00	3
		1	50	18.61	18.58	18.76	19.00	3
		1	99	18.64	18.72	18.72	19.00	3
		50	0	17.69	17.83	17.69	18.00	4
		50	25	17.71	17.58	17.73	18.00	4
		50	50	17.72	17.79	17.70	18.00	4
		100	0	17.79	17.74	17.82	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3607.5	3650	3692.5		
Channel				43665	44090	44515		
15	QPSK	1	0	21.63	21.85	21.76	22.00	0
		1	36	21.60	21.62	21.69	22.00	0
		1	74	21.66	21.64	21.70	22.00	0
		36	0	20.65	20.69	20.63	21.00	1
		36	18	20.63	20.65	20.73	21.00	1
		36	37	20.61	20.59	20.68	21.00	1
		75	0	20.58	20.69	20.73	21.00	1
15	16-QAM	1	0	20.63	20.70	20.58	21.00	1
		1	36	20.48	20.57	20.65	21.00	1
		1	74	20.77	20.60	20.65	21.00	1
		36	0	19.64	19.81	19.71	20.00	2
		36	18	19.60	19.73	19.68	20.00	2
		36	37	19.60	19.61	19.76	20.00	2
		75	0	19.82	19.70	19.74	20.00	2
15	64-QAM	1	0	19.67	19.62	19.67	20.00	2
		1	36	19.64	19.60	19.77	20.00	2
		1	74	19.62	19.85	19.77	20.00	2
		36	0	18.69	18.71	18.78	19.00	3
		36	18	18.70	18.66	18.71	19.00	3
		36	37	18.59	18.79	18.80	19.00	3
		75	0	18.58	18.66	18.85	19.00	3
15	256-QAM	1	0	18.60	18.69	18.64	19.00	3
		1	36	18.67	18.54	18.79	19.00	3
		1	74	18.76	18.63	18.62	19.00	3
		36	0	17.68	17.63	17.68	18.00	4
		36	18	17.74	17.64	17.61	18.00	4
		36	37	17.81	17.58	17.59	18.00	4
		75	0	17.69	17.69	17.78	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3605	3650	3695		
Channel				43640	44090	44540		
10	QPSK	1	0	21.67	21.68	21.86	22.00	0
		1	25	21.71	21.57	21.78	22.00	0
		1	49	21.56	21.69	21.69	22.00	0
		25	0	20.77	20.78	20.66	21.00	1
		25	12	20.74	20.56	20.66	21.00	1
		25	25	20.60	20.57	20.82	21.00	1
		50	0	20.70	20.53	20.87	21.00	1
10	16-QAM	1	0	20.82	20.48	20.83	21.00	1
		1	25	20.56	20.66	20.70	21.00	1
		1	49	20.70	20.56	20.73	21.00	1
		25	0	19.69	19.61	19.87	20.00	2
		25	12	19.70	19.62	19.57	20.00	2
		25	25	19.59	19.58	19.81	20.00	2
		50	0	19.71	19.54	19.65	20.00	2
10	64-QAM	1	0	19.65	19.70	19.72	20.00	2
		1	25	19.74	19.60	19.85	20.00	2
		1	49	19.64	19.73	19.81	20.00	2
		25	0	18.85	18.72	18.73	19.00	3
		25	12	18.74	18.77	18.77	19.00	3
		25	25	18.71	18.61	18.60	19.00	3
		50	0	18.58	18.57	18.69	19.00	3
10	256-QAM	1	0	18.71	18.60	18.75	19.00	3
		1	25	18.69	18.77	18.54	19.00	3
		1	49	18.59	18.72	18.69	19.00	3
		25	0	17.72	17.76	17.84	18.00	4
		25	12	17.73	17.62	17.72	18.00	4
		25	25	17.65	17.69	17.74	18.00	4
		50	0	17.72	17.62	17.62	18.00	4

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LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3602.5	3650	3697.5		
Channel				43615	44090	44565		
5	QPSK	1	0	21.72	21.66	21.75	22.00	0
		1	12	21.78	21.73	21.59	22.00	0
		1	24	21.60	21.74	21.86	22.00	0
		12	0	20.63	20.57	20.81	21.00	1
		12	6	20.60	20.67	20.57	21.00	1
		12	13	20.78	20.74	20.76	21.00	1
		25	0	20.57	20.75	20.81	21.00	1
5	16-QAM	1	0	20.64	20.58	20.70	21.00	1
		1	12	20.66	20.72	20.70	21.00	1
		1	24	20.51	20.59	20.71	21.00	1
		12	0	19.61	19.64	19.65	20.00	2
		12	6	19.68	19.65	19.79	20.00	2
		12	13	19.77	19.73	19.80	20.00	2
		25	0	19.68	19.78	19.68	20.00	2
5	64-QAM	1	0	19.58	19.72	19.68	20.00	2
		1	12	19.68	19.57	19.61	20.00	2
		1	24	19.65	19.65	19.72	20.00	2
		12	0	18.66	18.73	18.61	19.00	3
		12	6	18.78	18.62	18.81	19.00	3
		12	13	18.69	18.66	18.74	19.00	3
		25	0	18.72	18.76	18.84	19.00	3
5	256-QAM	1	0	18.70	18.64	18.84	19.00	3
		1	12	18.67	18.81	18.76	19.00	3
		1	24	18.74	18.75	18.71	19.00	3
		12	0	17.65	17.49	17.73	18.00	4
		12	6	17.73	17.75	17.63	18.00	4
		12	13	17.75	17.63	17.69	18.00	4
		25	0	17.82	17.57	17.70	18.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	21.63	21.97	21.99	21.87	22.00	0
		1	50	21.39	21.51	21.47	21.47	22.00	0
		1	99	21.44	21.56	21.49	21.49	22.00	0
		50	0	20.53	20.50	20.55	20.49	21.00	1
		50	25	20.38	20.53	20.46	20.49	21.00	1
		50	50	20.55	20.57	20.45	20.45	21.00	1
		100	0	20.40	20.57	20.52	20.49	21.00	1
20	16-QAM	1	0	20.56	20.57	20.47	20.43	21.00	1
		1	50	20.56	20.48	20.48	20.45	21.00	1
		1	99	20.48	20.37	20.51	20.43	21.00	1
		50	0	19.48	19.48	19.53	19.48	20.00	2
		50	25	19.54	19.51	19.46	19.59	20.00	2
		50	50	19.49	19.54	19.48	19.55	20.00	2
		100	0	19.53	19.49	19.35	19.45	20.00	2
20	64-QAM	1	0	19.51	19.52	19.45	19.42	20.00	2
		1	50	19.44	19.48	19.55	19.42	20.00	2
		1	99	19.44	19.57	19.34	19.38	20.00	2
		50	0	18.52	18.50	18.43	18.60	19.00	3
		50	25	18.43	18.38	18.56	18.42	19.00	3
		50	50	18.43	18.58	18.47	18.60	19.00	3
		100	0	18.44	18.45	18.46	18.47	19.00	3
20	256-QAM	1	0	18.45	18.60	18.42	18.53	19.00	3
		1	50	18.49	18.52	18.57	18.51	19.00	3
		1	99	18.48	18.54	18.58	18.38	19.00	3
		50	0	17.47	17.39	17.51	17.37	18.00	4
		50	25	17.37	17.51	17.45	17.43	18.00	4
		50	50	17.41	17.40	17.52	17.58	18.00	4
		100	0	17.50	17.58	17.38	17.47	18.00	4

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LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	21.39	21.39	21.51	21.42	22.00	0
		1	36	21.53	21.46	21.58	21.56	22.00	0
		1	74	21.42	21.49	21.38	21.43	22.00	0
		36	0	20.57	20.51	20.42	20.60	21.00	1
		36	18	20.42	20.59	20.43	20.54	21.00	1
		36	37	20.59	20.41	20.33	20.51	21.00	1
		75	0	20.49	20.37	20.53	20.53	21.00	1
15	16-QAM	1	0	20.41	20.41	20.43	20.49	21.00	1
		1	36	20.48	20.37	20.45	20.39	21.00	1
		1	74	20.50	20.42	20.49	20.58	21.00	1
		36	0	19.44	19.40	19.59	19.38	20.00	2
		36	18	19.55	19.47	19.54	19.45	20.00	2
		36	37	19.48	19.42	19.48	19.47	20.00	2
		75	0	19.56	19.54	19.48	19.49	20.00	2
15	64-QAM	1	0	19.39	19.41	19.45	19.38	20.00	2
		1	36	19.43	19.56	19.46	19.42	20.00	2
		1	74	19.51	19.43	19.59	19.35	20.00	2
		36	0	18.46	18.44	18.39	18.41	19.00	3
		36	18	18.36	18.40	18.35	18.50	19.00	3
		36	37	18.40	18.43	18.45	18.49	19.00	3
		75	0	18.53	18.44	18.48	18.44	19.00	3
15	256-QAM	1	0	18.46	18.43	18.41	18.50	19.00	3
		1	36	18.53	18.39	18.47	18.54	19.00	3
		1	74	18.47	18.54	18.54	18.33	19.00	3
		36	0	17.43	17.42	17.45	17.58	18.00	4
		36	18	17.35	17.46	17.39	17.47	18.00	4
		36	37	17.53	17.49	17.47	17.56	18.00	4
		75	0	17.55	17.45	17.48	17.52	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	21.57	21.43	21.37	21.55	22.00	0
		1	25	21.46	21.46	21.43	21.33	22.00	0
		1	49	21.45	21.51	21.40	21.36	22.00	0
		25	0	20.53	20.51	20.37	20.55	21.00	1
		25	12	20.34	20.43	20.47	20.54	21.00	1
		25	25	20.49	20.41	20.50	20.38	21.00	1
		50	0	20.53	20.38	20.49	20.49	21.00	1
10	16-QAM	1	0	20.51	20.45	20.51	20.40	21.00	1
		1	25	20.50	20.38	20.34	20.41	21.00	1
		1	49	20.56	20.52	20.48	20.57	21.00	1
		25	0	19.49	19.41	19.50	19.50	20.00	2
		25	12	19.39	19.60	19.55	19.46	20.00	2
		25	25	19.60	19.47	19.60	19.46	20.00	2
		50	0	19.42	19.45	19.57	19.43	20.00	2
10	64-QAM	1	0	19.50	19.47	19.42	19.46	20.00	2
		1	25	19.47	19.41	19.55	19.39	20.00	2
		1	49	19.54	19.49	19.42	19.40	20.00	2
		25	0	18.43	18.48	18.46	18.46	19.00	3
		25	12	18.44	18.56	18.46	18.36	19.00	3
		25	25	18.49	18.48	18.33	18.51	19.00	3
		50	0	18.46	18.42	18.50	18.52	19.00	3
10	256-QAM	1	0	18.34	18.40	18.47	18.39	19.00	3
		1	25	18.42	18.55	18.38	18.55	19.00	3
		1	49	18.46	18.40	18.44	18.54	19.00	3
		25	0	17.35	17.46	17.50	17.48	18.00	4
		25	12	17.43	17.38	17.44	17.48	18.00	4
		25	25	17.50	17.43	17.46	17.42	18.00	4
		50	0	17.54	17.56	17.53	17.44	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	21.45	21.35	21.52	21.38	22.00	0
		1	12	21.51	21.47	21.48	21.57	22.00	0
		1	24	21.44	21.41	21.47	21.45	22.00	0
		12	0	20.51	20.54	20.47	20.42	21.00	1
		12	6	20.46	20.50	20.38	20.46	21.00	1
		12	13	20.43	20.56	20.42	20.33	21.00	1
		25	0	20.50	20.46	20.41	20.36	21.00	1
5	16-QAM	1	0	20.51	20.49	20.37	20.46	21.00	1
		1	12	20.52	20.58	20.47	20.33	21.00	1
		1	24	20.54	20.45	20.60	20.47	21.00	1
		12	0	19.42	19.41	19.50	19.44	20.00	2
		12	6	19.42	19.50	19.59	19.37	20.00	2
		12	13	19.54	19.56	19.33	19.50	20.00	2
		25	0	19.41	19.41	19.40	19.46	20.00	2
5	64-QAM	1	0	19.45	19.46	19.54	19.57	20.00	2
		1	12	19.50	19.56	19.59	19.60	20.00	2
		1	24	19.43	19.43	19.44	19.58	20.00	2
		12	0	18.58	18.52	18.41	18.51	19.00	3
		12	6	18.40	18.42	18.47	18.49	19.00	3
		12	13	18.45	18.58	18.53	18.46	19.00	3
		25	0	18.60	18.45	18.52	18.49	19.00	3
5	256-QAM	1	0	18.51	18.40	18.42	18.45	19.00	3
		1	12	18.44	18.50	18.50	18.55	19.00	3
		1	24	18.59	18.41	18.60	18.39	19.00	3
		12	0	17.49	17.44	17.40	17.54	18.00	4
		12	6	17.48	17.46	17.36	17.58	18.00	4
		12	13	17.51	17.47	17.41	17.44	18.00	4
		25	0	17.43	17.47	17.53	17.58	18.00	4

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5.4 LTE DL CA

LTE Downlink 2CA conducted power table

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Power		
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
5	10	20600	844	QPSK	1	0	2600	889	25	20	8340	1960	22.90	23.00	CA_5A-25A
5	10	20600	844	QPSK	1	0	2600	889	38	20	38000	2595	22.97	22.99	CA_5A-38A
5	10	20600	844	QPSK	1	0	2600	889	41	20	40620	2593	23.08	23.15	CA_5A-41A
12	10	23130	711	QPSK	1	0	5130	741	25	20	8340	1960	23.88	23.91	CA_12A-25A
26	15	26765	821.5	QPSK	1	0	8765	866.5	46	20	50665	5537.5	23.58	23.61	CA_26A-46A
43	20	43690	3610	QPSK	1	0	43690	3610	43	5	44565	3697.5	21.73	21.79	CA_43A-43A

LTE Downlink 3CA conducted power table

Three Component Carrier Maximum Conducted Power																		
PCC									SCC 1				SCC 2				Power		
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	13	10	5230	751	23.23	23.30	CA_2A-4A-13A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	29	10	9715	722.5	23.26	23.31	CA_2A-4A-29A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	30	10	9820	2355	23.18	23.24	CA_2A-4A-30A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	13	10	5230	751	23.36	23.38	CA_2A-5A-13A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	29	10	9715	722.5	23.15	23.20	CA_2A-5A-29A
2	20	18900	1880	QPSK	1	0	900	1960	7	20	3100	2655	26	15	8865	876.5	23.33	23.38	CA_2A-7A-26A
2	20	18900	1880	QPSK	1	0	900	1960	26	15	8865	876.5	66	20	66886	2155	23.29	23.34	CA_2A-26A-66A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	13	10	5230	751	23.95	23.96	CA_4A-5A-13A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	29	10	9715	722.5	23.90	23.97	CA_4A-5A-29A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	7	20	3100	2655	12	10	5095	737.5	23.79	23.83	CA_4A-7A-12A
5	10	20600	844	QPSK	1	0	2600	889	5	10	2525	881.5	12	10	5095	737.5	23.15	23.17	CA_5A-12A-66A
7	20	21100	2535	QPSK	1	0	3100	2655	26	15	8865	876.5	66	20	66886	2155	23.57	23.59	CA_7A-26A-66A
7	20	21100	2535	QPSK	1	0	3100	2655	46	20	50665	5537.5	66	20	66886	2155	23.57	23.58	CA_7A-46A-66A
66	20	132572	1770	QPSK	1	0	67036	2170	29	10	9715	722.5	46	20	50665	5537.5	23.34	23.42	CA_29A-46A-66A
48	20	56150	3641	QPSK	1	0	56150	3641	48	20	56348	3660.8	71	20	68761	634.5	21.82	21.82	CA_48C-71A

LTE Downlink 4CA conducted power table

Four Component Carrier Maximum Conducted Power																						
PCC									SCC 1				SCC 2				SCC 3				Power		
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	4	20	2175	2132.5	71	20	68761	634.5	23.31	23.38	CA_2A-2A-4A-71A
2	20	18900	1880	QPSK	1	0	900	1960	7	20	3100	2655	12	5	5095	737.5	12	10	5162	744.7	23.28	23.34	CA_2A-7A-12B
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	14	10	5330	763	30	10	9820	2355	23.18	23.21	CA_2A-2A-14A-30A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	5	10	2525	881.5	5	10	2624	891.4	23.32	23.35	CA_2A-4A-5B
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	7	20	3100	2655	7	20	2902	2635.2	23.26	23.28	CA_2A-4A-7C
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	12	5	5095	737.5	12	10	5162	744.7	23.17	23.26	CA_2A-4A-12B
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	7	20	3100	2655	7	20	2902	2635.2	23.13	23.21	CA_2A-5A-7C
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	12	5	5095	737.5	12	10	5162	744.7	23.28	23.34	CA_2A-5A-12B
2	20	18900	1880	QPSK	1	0	900	1960	7	20	3100	2655	7	20	2902	2635.2	29	10	9715	722.5	23.18	23.22	CA_2A-7C-29A
2	20	18900	1880	QPSK	1	0	900	1960	2	20	702	1860.2	12	10	5095	737.5	30	10	9820	2355	23.22	23.24	CA_2C-12A-30A
2	20	18900	1880	QPSK	1	0	900	1960	2	20	702	1860.2	29	10	9715	722.5	30	10	9820	2355	23.30	23.39	CA_2C-29A-30A
2	20	18900	1880	QPSK	1	0	900	1960	30	10	9820	2355	66	20	66886	2155	66	5	67311	2197.5	23.34	23.40	CA_2A-30A-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	66	20	66886	2155	66	20	67084	2174.8	71	20	68761	634.5	23.31	23.32	CA_2A-66C-71A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	4	5	1975	2112.5	12	10	5095	737.5	30	10	9820	2355	23.79	23.83	CA_4A-4A-12A-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	4	5	1975	2112.5	29	10	9715	722.5	30	10	9820	2355	23.83	23.92	CA_4A-4A-29A-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	12	5	5095	737.5	12	10	5162	744.7	23.94	23.96	CA_4A-5A-12B
5	10	20600	844	QPSK	1	0	2600	889	7	20	3100	2655	7	20	2902	2635.2	66	20	66886	2155	23.03	23.05	CA_5A-7C-66A
5	10	20600	844	QPSK	1	0	2600	889	12	10	5095	737.5	48	20	56150	3641	48	20	55952	3621.2	23.00	23.02	CA_5A-12A-48C
7	20	21100	2535	QPSK	1	0	3100	2655	12	5	5095	737.5	12	10	5162	744.7	66	20	66886	2155	23.55	23.57	CA_7A-12B-66A
7	20	21100	2535	QPSK	1	0	3100	2655	7	20	2902	2635.2	13	10	5230	751	66	20	66886	2155	23.56	23.61	CA_7C-13A-66A
7	20	21100	2535	QPSK	1	0	3100	2655	7	20	2902	2635.2	29	10	9715	722.5	66	20	66886	2155	23.56	23.66	CA_7C-29A-66A
12	10	23130	711	QPSK	1	0	5130	741	30	10	9820	2355	66	20	66886	2155	66	5	67311	2197.5	23.85	23.91	CA_12A-30A-66A-66A
14	10	23330	793	QPSK	1	0	5330	763	30	10	9820	2355	66	20	66886	2155	66	5	67311	2197.5	24.05	24.15	CA_14A-30A-66A-66A
25	20	26365	1882.5	QPSK	1	0	8365	1962.5	46	20	50665	5537.5	46	20	50863	5557.3	46	20	51061	5577.1	23.76	23.83	CA_25A-46D
30	10	27710	2310	QPSK	1	0	9820	2355	29	10	9715	722.5	66	20	66886	2155	66	5	67311	2197.5	22.20	22.21	CA_29A-30A-66A-66A
41	20	40620	2593	QPSK	1	0	40620	2593	48	20	56150	3641	48	20	55952	3621.2	48	20	55754	3601.4	23.55	23.59	CA_41A-48D
71	20	133297	680.5	QPSK	1	0	68761	634.5	46	20	50665	5537.5	46	20	50863	5557.3	46	20	51061	5577.1	23.45	23.48	CA_46D-71A

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 5CA conducted power table

Five Component Carrier Maximum Conducted Power																												
PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power		
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	Configurations
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1987.5	1175	7	20	2655	3100	7	20	2635.2	2902	13	10	751	5230	23.16	23.23	CA_2A-2A-7C-13A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1987.5	1175	14	10	763	5330	66	20	2155	66886	66	5	2197.5	67311	23.27	23.30	CA_2A-2A-14A-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1987.5	1175	29	10	722.5	9715	66	20	2155	66886	66	5	2197.5	67311	23.20	23.28	CA_2A-2A-29A-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	881.5	2525	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.20	23.22	CA_2A-5A-46D
2	20	18900	1880	QPSK	1	0	900	1960	5	10	881.5	2525	48	20	3641	56150	48	20	3621.2	55952	48	20	3601.4	55754	23.13	23.23	CA_2A-5A-48D
2	20	18900	1880	QPSK	1	0	900	1960	2	20	1860.2	702	5	10	881.5	2525	5	10	891.4	2624	30	10	2355	9820	23.25	23.34	CA_2C-5B-30A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	881.5	2525	5	10	891.4	2624	66	20	2155	66886	66	20	2135.2	66688	23.26	23.32	CA_2A-5B-66C
2	20	18900	1880	QPSK	1	0	900	1960	7	20	2655	3100	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.20	23.28	CA_2A-7A-46D
2	20	18900	1880	QPSK	1	0	900	1960	7	20	2655	3100	7	20	2635.2	2952	66	20	2155	66886	66	5	2197.5	67311	23.29	23.31	CA_2A-7C-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	12	5	737.5	5095	12	10	744.7	5162	66	20	2155	66886	66	5	2197.5	67311	23.33	23.35	CA_2A-12B-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	13	10	751	5230	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.22	23.29	CA_2A-13A-46D
2	20	18900	1880	QPSK	1	0	900	1960	13	10	751	5230	48	20	3641	56150	48	20	3621.2	55952	48	20	3601.4	55754	23.15	23.23	CA_2A-13A-48D
2	20	18900	1880	QPSK	1	0	900	1960	13	10	751	5230	66	20	2155	66886	66	20	2135.2	66688	66	20	2115.4	66490	23.18	23.22	CA_2A-13A-66D
2	20	18900	1880	QPSK	1	0	900	1960	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	48	20	3641	56150	23.32	23.33	CA_2A-46D-48A
2	20	18900	1880	QPSK	1	0	900	1960	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	66	20	2155	66886	23.23	23.29	CA_2A-46D-66A
2	20	18900	1880	QPSK	1	0	900	1960	48	20	3641	56150	48	20	3621.2	55952	48	20	3601.4	55754	66	20	2155	66886	23.12	23.20	CA_2A-48D-66A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	4	5	2152.5	2375	5	10	881.5	2525	5	10	891.4	2624	30	10	2355	9820	23.79	23.85	CA_4A-4A-5B-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	46	20	5150	46790	46	20	5925	54539	46	20	5905.2	54341	46	20	5885.4	54143	23.87	23.92	CA_4A-46A-46D
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	48	20	3625	55990	48	20	3644.8	56188	48	20	3664.6	56386	48	20	3684.4	56584	23.88	23.93	CA_4A-48E
5	10	20600	844	QPSK	1	0	2600	889	7	20	2655	3100	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	22.98	23.05	CA_5A-7A-46D
5	10	20600	844	QPSK	1	0	2600	889	12	10	737.5	5095	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	22.92	22.98	CA_5A-12A-46D
5	10	20600	844	QPSK	1	0	2600	889	5	10	846.4	2624	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	23.06	23.14	CA_5B-30A-66A-66A
5	10	20600	844	QPSK	1	0	2600	889	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	66	20	2155	66886	23.01	23.01	CA_5A-46D-66A
5	10	20600	844	QPSK	1	0	2600	889	48	20	3641	56150	48	20	3621.2	55952	48	20	3601.4	55754	66	20	2155	66886	22.97	23.06	CA_5A-48D-66A
7	20	21100	2535	QPSK	1	0	3100	2655	7	20	2554.8	3298	25	20	1960	8340	25	5	1992.5	8665	66	20	2155	66886	23.59	23.63	CA_7C-25A-25A-66A
13	10	23230	782	QPSK	1	0	5230	751	46	20	5537.5	50665	48	20	3621.2	55952	48	20	3601.4	55754	66	20	2155	66886	24.05	24.06	CA_13A-46D-66A
13	10	23230	782	QPSK	1	0	5230	751	48	20	3641	56150	48	20	3621.2	55952	48	20	3601.4	55754	66	20	2155	66886	24.00	24.10	CA_13A-48D-66A
25	20	26365	1882.5	QPSK	1	0	8365	1962.5	25	5	1992.5	8665	26	15	876.5	8865	41	20	2593	40620	41	20	2612.8	40818	23.74	23.75	CA_25A-25A-26A-41C
41	20	40620	2593	QPSK	1	0	40620	2593	41	20	2573.2	40422	41	20	2553.4	40224	42	20	3575	43340	42	20	3594.8	43538	23.74	23.74	CA_41D-42C
41	20	40620	2593	QPSK	1	0	40620	2593	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	46	20	5596.9	51259	23.61	23.69	CA_41A-46E
66	20	132572	1770	QPSK	1	0	67036	2170	48	20	3641	56150	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.24	23.33	CA_46D-48A-66A

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LTE CA information

A)

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

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B)

CA combination table

Index	2CC	Restriction	Completely Covered by Measurement Superset	Index	3CC	Restriction	Completely Covered by Measurement Superset	Index	4CC	Restriction	Completely Covered by Measurement Superset	Index	5CC	Restriction	Completely Covered by Measurement Superset
2CC #1	CA 2C	526	SCC #73	3CC #1	CA 48D	540	SCC #87	4CC #1	CA 48E	540	SCC #87	SCC #3	CA 48F	540	SCC #87
2CC #2	CA 5A	532	SCC #79	3CC #2	CA 66D	540	SCC #87	4CC #2	CA 41A-41A-41C	537	SCC #84	SCC #9	CA 41C-41D	537	SCC #84
2CC #3	CA 7B	534	SCC #81	3CC #3	CA 25A-25A-25A	537	SCC #84	4CC #3	CA 48A-48D	540	SCC #87	SCC #3	CA 48A-48E	540	SCC #87
2CC #4	CA 7C	534	SCC #81	3CC #4	CA 46A-48A-48A	540	SCC #87	4CC #4	CA 48C-48C	540	SCC #87	SCC #4	CA 48C-48D	540	SCC #87
2CC #5	CA 12B	529	SCC #76	3CC #5	CA 48A-48C	540	SCC #87	4CC #5	CA 2A-2A-4A-4A	372	4CC #104	SCC #5	CA 2A-2A-46D	525	SCC #72
2CC #6	CA 43C	18	2CC #18	3CC #6	CA 66A-66A-66A	540	SCC #87	4CC #6	CA 2A-2A-5B	511	SCC #58	SCC #9	CA 2A-2A-66A-66B	526	SCC #73
2CC #7	CA 48B	540	SCC #87	3CC #7	CA 66A-66B	540	SCC #87	4CC #7	CA 2A-2A-7A-7A	515	SCC #62	SCC #7	CA 2A-2A-66A-66C	526	SCC #73
3CC #8	CA 48C	540	SCC #87	3CC #8	CA 66A-66C	540	SCC #87	4CC #8	CA 2A-2A-7C	515	SCC #62	SCC #8	CA 2A-66A-46D	525	SCC #72
3CC #9	CA 66B	540	SCC #87	3CC #9	CA 2A-2A-4A	372	4CC #104	4CC #9	CA 2A-2A-12A-12A	516	SCC #63	SCC #9	CA 2A-66E	525	SCC #72
3CC #10	CA 66C	540	SCC #87	3CC #10	CA 2A-2A-5A	511	SCC #58	4CC #10	CA 2A-2A-12B	516	SCC #63	SCC #10	CA 2A-66A-46D	526	SCC #73
2CC #11	CA 2A-2A	526	SCC #73	3CC #11	CA 2A-2A-7A	515	SCC #62	4CC #11	CA 2A-2A-46C	525	SCC #72	SCC #11	CA 2A-66C-48C	526	SCC #73
2CC #12	CA 3A-3A	N/A	3CC #2	3CC #12	CA 2A-2A-12A	516	SCC #63	4CC #12	CA 2A-2A-66A-66A	526	SCC #73	SCC #12	CA 2A-48E	526	SCC #73
2CC #13	CA 44-4A	527	SCC #74	3CC #13	CA 2A-2A-13A	521	SCC #68	4CC #13	CA 2A-2A-66B	526	SCC #73	SCC #13	CA 44-46A-46D		NO
2CC #14	CA 5A-5A	532	SCC #79	3CC #14	CA 2A-2A-14A	504	SCC #51	4CC #14	CA 2A-2A-66C	526	SCC #73	SCC #14	CA 44-48E		NO
2CC #15	CA 7A-7A	534	SCC #81	3CC #15	CA 2A-2A-29A	505	SCC #52	4CC #15	CA 2A-46A-46C	525	SCC #72	SCC #15	CA 5A-46E	531	SCC #78
2CC #16	CA 12A-12A	529	SCC #76	3CC #16	CA 2A-2A-30A	506	SCC #53	4CC #16	CA 2A-46D	525	SCC #72	SCC #16	CA 5B-46D	531	SCC #78
2CC #17	CA 25A-25A	537	SCC #84	3CC #17	CA 2A-2A-46A	525	SCC #72	4CC #17	CA 2A-46D-48C	526	SCC #73	SCC #17	CA 5B-66A-66B	532	SCC #79
2CC #18	CA 43A-43A	NO	3CC #18	3CC #18	CA 2A-2A-66A	526	SCC #73	4CC #18	CA 2A-48D	526	SCC #73	SCC #18	CA 5B-66A-66C	532	SCC #79
2CC #19	CA 48A-48A	540	SCC #87	3CC #19	CA 2A-2A-71A	414	4CC #146	4CC #19	CA 2A-66A-66A-66A	526	SCC #73	SCC #19	CA 7A-7A-46D	528	SCC #75
2CC #20	CA 66A-66A	540	SCC #87	3CC #20	CA 2A-4A-4A	372	4CC #104	4CC #20	CA 2A-66A-66B	526	SCC #73	SCC #20	CA 7A-46E	528	SCC #75
2CC #21	CA 2A-4A	372	4CC #104	3CC #21	CA 2A-5B	511	SCC #58	4CC #21	CA 2A-66A-66C	526	SCC #73	SCC #21	CA 7C-46D	528	SCC #75
2CC #22	CA 2A-5A	511	SCC #58	3CC #22	CA 2C-5A	511	SCC #58	4CC #22	CA 2C-66A-66A	526	SCC #73	SCC #22	CA 12A-46E	529	SCC #76
2CC #23	CA 7A-7A	515	SCC #62	3CC #23	CA 2A-7A-7A	515	SCC #62	4CC #23	CA 2A-66D	526	SCC #73	SCC #23	CA 13A-46A-46D	535	SCC #82
2CC #24	CA 2A-12A	516	SCC #63	3CC #24	CA 2A-7C	515	SCC #62	4CC #24	CA 44-4A-5B	527	SCC #74	SCC #24	CA 13A-46E	535	SCC #82
2CC #25	CA 2A-13A	521	SCC #68	3CC #25	CA 2A-12A-12A	516	SCC #63	4CC #25	CA 4A-4A-12A-12A	419	4CC #151	SCC #25	CA 13A-48A-48D	536	SCC #83
2CC #26	CA 2A-14A	504	SCC #51	3CC #26	CA 2A-12B	516	SCC #63	4CC #26	CA 4A-4A-12B	419	4CC #151	SCC #26	CA 13A-48C-48C	536	SCC #83
2CC #27	CA 2A-29A	233	SCC #27	3CC #27	CA 2C-12A	516	SCC #63	4CC #27	CA 4A-46A-46C	466	SCC #13	SCC #27	CA 13A-48E	536	SCC #83
2CC #28	CA 2A-29A	505	SCC #52	3CC #28	CA 2C-29A	505	SCC #52	4CC #28	CA 4A-46D	466	SCC #13	SCC #28	CA 25A-25A-41D	537	SCC #84
2CC #29	CA 2A-30A	506	SCC #53	3CC #29	CA 2C-30A	506	SCC #53	4CC #29	CA 4A-48D	467	SCC #14	SCC #29	CA 25A-41E	537	SCC #84
2CC #30	CA 2A-46A	525	SCC #72	3CC #30	CA 2A-46A-46A	525	SCC #72	4CC #30	CA 5A-5A-66A-66A	532	SCC #79	SCC #30	CA 41D-42C		NO
2CC #31	CA 2A-48A	526	SCC #73	3CC #31	CA 2A-46C	525	SCC #72	4CC #31	CA 5A-5A-66B	532	SCC #79	SCC #31	CA 41A-46E		NO
2CC #32	CA 2A-66A	526	SCC #73	3CC #32	CA 2A-48A-48A	526	SCC #73	4CC #32	CA 5A-5A-66C	532	SCC #79	SCC #32	CA 46A-46D-66A	540	SCC #87
2CC #33	CA 2A-71A	414	4CC #146	3CC #33	CA 2A-48C	526	SCC #73	4CC #33	CA 5A-46D	531	SCC #78	SCC #33	CA 46D-66A-66A	540	SCC #87
2CC #34	CA 4A-5A	527	SCC #74	3CC #34	CA 2A-66A-66A	526	SCC #73	4CC #34	CA 5A-46E	531	SCC #78	SCC #34	CA 46E-66A	540	SCC #87
2CC #35	CA 4A-12A	419	4CC #151	3CC #35	CA 2A-66B	526	SCC #73	4CC #35	CA 5A-48D	532	SCC #79	SCC #35	CA 48A-48C-66B	540	SCC #87
2CC #36	CA 4A-13A	242	3CC #155	3CC #36	CA 2A-66C	526	SCC #73	4CC #36	CA 5A-66A-66B	532	SCC #79	SCC #36	CA 48A-48C-66C	540	SCC #87
2CC #37	CA 4A-29A	418	4CC #150	3CC #37	CA 2C-66A	526	SCC #73	4CC #37	CA 5A-66A-66C	532	SCC #79	SCC #37	CA 48A-48D-66A	540	SCC #87
2CC #38	CA 4A-30A	527	SCC #74	3CC #38	CA 44-4A-5A	527	SCC #74	4CC #38	CA 5B-66A-66A	532	SCC #79	SCC #38	CA 48C-48C-66A	540	SCC #87
2CC #39	CA 4A-46A	466	SCC #13	3CC #39	CA 4A-4A-7A	371	4CC #103	4CC #39	CA 5A-66D	532	SCC #79	SCC #39	CA 48E-66A	540	SCC #87
2CC #40	CA 4A-48A	467	SCC #14	3CC #40	CA 4A-4A-12A	419	4CC #151	4CC #40	CA 5B-66B	532	SCC #79	SCC #40	CA 2A-2A-5A-66A-66A	511	SCC #58
2CC #41	CA 4A-71A	350	4CC #82	3CC #41	CA 4A-4A-13A	242	3CC #155	4CC #41	CA 5B-66C	532	SCC #79	SCC #41	CA 2A-5A-66B	511	SCC #58
2CC #42	CA 5A-7A	528	SCC #75	3CC #42	CA 4A-4A-29A	418	4CC #150	4CC #42	CA 7A-7A-25A	534	SCC #81	SCC #42	CA 2A-2A-5A-66C	511	SCC #58
2CC #43	CA 5A-12A	529	SCC #76	3CC #43	CA 4A-4A-30A	527	SCC #74	4CC #43	CA 7A-7A-46C	528	SCC #75	SCC #43	CA 2A-2A-5B-66A	511	SCC #58
2CC #44	CA 5A-13A	242	3CC #155	3CC #44	CA 4A-4A-71A	350	4CC #82	4CC #44	CA 7A-7A-46D	534	SCC #81	SCC #44	CA 2A-2A-7A-7A-13A	498	SCC #45
2CC #45	CA 5A-25A	NO	SCC #45	3CC #45	CA 4A-5B	527	SCC #74	4CC #45	CA 7C-25A-25A	534	SCC #81	SCC #45	CA 2A-2A-7C-13A		NO
2CC #46	CA 5A-29A	243	3CC #155	3CC #46	CA 4A-7A-7A	371	4CC #103	4CC #46	CA 7A-46D	528	SCC #75	SCC #46	CA 2A-2A-7A-66A-66A	515	SCC #62
2CC #47	CA 5A-30A	530	SCC #77	3CC #47	CA 4A-7C	371	4CC #103	4CC #47	CA 7C-46C	528	SCC #75	SCC #47	CA 2A-2A-12A-66A-66A	516	SCC #63
2CC #48	CA 5A-38A	NO	3CC #48	3CC #48	CA 4A-12A-12A	419	4CC #151	4CC #48	CA 7C-66A-66A	534	SCC #81	SCC #48	CA 2A-2A-12B-66A	516	SCC #63
2CC #49	CA 5A-41A	NO	3CC #49	3CC #49	CA 4A-12B	419	4CC #151	4CC #49	CA 12A-46D	529	SCC #76	SCC #49	CA 2A-2A-13A-66A-66A	521	SCC #68
2CC #50	CA 5A-46A	531	SCC #78	3CC #50	CA 4A-46A-46A	466	SCC #13	4CC #50	CA 12A-48D	426	4CC #158	SCC #50	CA 2A-2A-13A-66B	521	SCC #68
2CC #51	CA 5A-46C	532	SCC #79	3CC #51	CA 4A-46C	466	SCC #13	4CC #51	CA 12B-66A-66A	516	SCC #63	SCC #51	CA 2A-2A-14A-66A-66A		NO
2CC #52	CA 5A-66A	532	SCC #79	3CC #52	CA 4A-48C	467	SCC #14	4CC #52	CA 13A-46A-46C	535	SCC #82	SCC #52	CA 2A-2A-29A-66A-66A		NO
2CC #53	CA 7A-12A	436	4CC #168	3CC #53	CA 5A-5A-66A	532	SCC #79	4CC #53	CA 13A-46D	535	SCC #82	SCC #53	CA 2C-5B-30A		NO
2CC #54	CA 7A-13A	498	SCC #45	3CC #54	CA 5A-7A-7A	528	SCC #75	4CC #54	CA 13A-66A-66C	536	SCC #83	SCC #54	CA 2A-5A-46D		NO
2CC #55	CA 7A-25A	534	SCC #81	3CC #55	CA 5A-7C	528	SCC #75	4CC #55	CA 13A-48D	536	SCC #83	SCC #55	CA 2A-5A-48D		NO
2CC #56	CA 7A-29A	258	3CC #171	3CC #56	CA 5A-12B	529	SCC #76	4CC #56	CA 13A-66A-66B	536	SCC #83	SCC #56	CA 2A-5B-66A-66A	511	SCC #58
2CC #57	CA 7A-29A	440	4CC #172	3CC #57	CA 5B-30A	530	SCC #77	4CC #57	CA 13A-66A-66C	536	SCC #83	SCC #57	CA 2A-5B-66B	511	SCC #58
2CC #58	CA 7A-46A	528	SCC #75	3CC #58	CA 5A-46C	531	SCC #78	4CC #58	CA 13A-66D	536	SCC #83	SCC #58	CA 2A-5B-66C		NO
2CC #59	CA 7A-66A	534	SCC #81	3CC #59	CA 5B-46A	531	SCC #78	4CC #59	CA 14A-66A-66A-66A	504	SCC #51	SCC #59	CA 2A-7A-7A-46C	514	SCC #61
2CC #60	CA 12A-25A	NO	3CC #60	3CC #60	CA 5A-48C	532	SCC #79	4CC #60	CA 25A-25A-41C	537	SCC #84	SCC #60	CA 2A-7A-7A-66A-66A	515	SCC #62
2CC #61	CA 12A-30A	441	4CC #173	3CC #61	CA 5A-66A-66A	532	SCC #79	4CC #61	CA 25A-41D	537	SCC #84	SCC #61	CA 2A-7A-46D		NO
2CC #62	CA 12A-46A	529	SCC #76	3CC #62	CA 5A-66B	532	SCC #79	4CC #62	CA 25A-46D		NO	SCC #62	CA 2A-7C-66A-66A		NO
2CC #63	CA 12A-48A	426	4CC #158	3CC #63	CA 5A-66C	532	SCC #79	4CC #63	CA 40A-40A-42C		NO	SCC #63	CA 2A-12B-66A-66A		NO
2CC #64	CA 12A-66A	516	SCC #63	3CC #64	CA 5B-66A	532	SCC #79	4CC #64	CA 41A-42D	483	SCC #30	SCC #64	CA 2A-13A-46D		NO
2CC #65	CA 13A-46A	535	SCC #82	3CC #65	CA 7A-7A-13A	498	SCC #45	4CC #65	CA 41D-42A	483	SCC #30	SCC #65	CA 2A-13A-48D		NO
2CC #66	CA 13A-48A	536	SCC #83	3CC #66	CA 7A-7A-25A	534	SCC #81	4CC #66	CA 41A-46D	484	SCC #31	SCC #66	CA 2A-13A-66A-66B	521	SCC #68
2CC #67	CA 13A-66A	536	SCC #83	3CC #67	CA 7A-7A-29A	258	3CC #171	4CC #67	CA 41A-48D		NO	SCC #67	CA 2A-13A-66A-66C	521	SCC #68
2CC #68	CA 14A-30A	448	4CC #180	3CC #68	CA 7A-7A-29A	440	4CC #172	4CC #68	CA 46A-46C-66A	540	SCC #87	SCC #68	CA 2A-13A-66D		NO
2CC #69	CA 14A-66A	504	SCC #51	3CC #69	CA 7A-7A-46A	528	SCC #75	4CC #69	CA 46C-66A-66A	540	SCC #87	SCC #69	CA 2A-46A-48D	524	SCC #71
2CC #70	CA 25A-26A	537	SCC #84	3CC #70	CA 7A-7A-66A	534	SCC #81	4CC #70	CA 46D-66A	540	SCC #87	SCC #70	CA 2A-46C-48C	524	SCC #71
2CC #71	CA 25A-41A	537	SCC #84	3CC #71	CA 7A-12B	436	4CC #168	4CC #71	CA 46D-72A		NO	SCC #71	CA 2A-46D-48A		NO
2CC #72	CA 25A-46A	330	4CC #62	3CC #72	CA 7C-13A	498	SCC #45	4CC #72	CA 48A-48A-66A-66A	540	SCC #87	SCC #72	CA 2A-46D-48C		NO
2CC #73	CA 25A-66A	534	SCC #81	3CC #73	CA 7A-25A-25A	534	SCC #81	4CC #73	CA 48A-48A-66B	540	SCC #87	SCC #73	CA 2A-48D-66A		NO
2CC #74	CA 26A-41A	537	SCC #84	3CC #74	CA 7C-25A	534	SCC #81	4CC #74	CA 48A-48A-66C	540	SCC #87	SCC #74	CA 2A-48D-66B		NO
2CC #75	CA 26A-46A	NO	3CC #75	3CC #75	CA 7C-29A	440	4CC #172	4CC #75	CA 48A-48C-66A	540	SCC #87	SCC #75	CA 5A-7A-46D		NO
2CC #76	CA 29A-30A	453	4CC #183	3CC #76	CA 7A-46C	528	SCC #75	4CC #76	CA 48C-66A-66A	540	SCC #87	SCC #76	CA 5A-13A-46D		NO
2CC #77	CA 29A-66A	505	SCC #52	3CC #77	CA 7C-46A	528	SCC #75	4CC #77	CA 48C-66B	540	SCC #87	SCC #77	CA 5B-30A-66A-66A		NO
2CC #78	CA 30A-66A	530	SCC #77	3CC #78	CA 7A-66A-66A	534	SCC #81	4CC #78	CA 48C-66C	540	SCC #87	SCC #78	CA 5A-46D-66A		NO
2CC #79	CA 38A-40A	188	3CC #101	3CC #79	CA 7C-66A	534	SCC #81	4CC #79	CA 48D-66A	540	SCC #87	SCC #79	CA 5A-48D-66A		NO
2CC #80	CA 40A-41A	NO	3CC #80	3CC #80	CA 12A-48C	529	SCC #76	4CC #80	CA 2A-2A-4A-5A	369	4CC #101	SCC #80	CA 7A-7A-25A-25A-66A	534	SCC #81
2CC #81	CA 41A-46A	484	SCC #51	3CC #81	CA 12A-48C	426	4CC #158	4CC #81	CA 2A-2A-4A-12A	372	4CC #104	SCC #81	CA 7C-25A-25A-66A		NO
2CC #82	CA 41A-48A	335	4CC #67	3CC #82	CA 12A-66A-66A	516	SCC #63	4CC #82	CA 2A-2A-4A-71A		NO	SCC #82	CA 13A-46D-66A		NO
2CC #83	CA 46A-66A	540	SCC #87	3CC #83	CA 12A-66C	516	SCC #63	4CC #83	CA 2A-2A-5A-7A	374	4CC #106	SCC #83	CA 13A-48D-66A		NO
2CC #84	CA 46A-71A	339	4CC #71	3CC #84	CA 12B-66A	516	SCC #63	4CC #84	CA 2A-2A-5A-12A	375	4CC #107	SCC #84	CA 25A-25A-26A-41C		NO
2CC #85	CA 48A-66A	540	SCC #87	3CC #85	CA 13A-46A-46A	535	SCC #82	4CC #85	CA 2A-2A-5A-30A	506	SCC #53	SCC #85	CA 46A-48D-66A	540	SCC #87
2CC #86	CA 48A-71A	203	3CC #116	3CC #86	CA 13A-48C	535	SCC #82	4CC #86	CA 2A-2A-5A-66A	511	SCC #58	SCC #86	CA 46C-48C-66A	540	SCC #87
2CC #87	CA 66A-71A	414	4CC #146	3CC #87	CA 13A-48A-48A	536	SCC #83	4CC #87	CA 2A-2A-7A-12A	388	4CC #120	SCC #87	CA 46D-48A-66A		NO
				3CC #88	CA 13A-48C	536	SCC #83	4CC #88	CA 2A-2A-7A-13A	498	SCC #45				
				3CC #89	CA 13A-66A-66A	536	SCC #83	4CC #89	CA 2A-2A-7A-66A	515	SCC #62				
				3CC #90	CA 13A-66B	536	SCC #83	4CC #90	CA 2A-2A-12A-30A	394	4CC #126				
				3CC #91	CA 13A-66C	536	SCC #83	4CC #91	CA 2A-2A-12A-66A	516	SCC #63				
				3CC #92	CA 14A-66A-66A	504	SCC #51	4CC #92	CA 2A-2A-13A-66A	521	SCC #68				
				3CC #93	CA 25A-25A-29A	537	SCC #84	4CC #93	CA 2A-2A-14A-30A		NO				
				3CC #94	CA 25A-25A-41A	537	SCC #84	4CC #94	CA 2A-2A-14A-66A	504	SCC #51				
				3CC #95	CA 25A-25A-66A	534	SCC #81	4CC #95	CA 2A-2A-29A-30A	404	4CC #136				
				3CC #96	CA 25A-41C	537	SCC #84	4CC #96	CA 2A-2A-29A-66A	505	SCC #52				
				3CC #97	CA 29A-46C	330	4CC #62	4CC #97	CA 2A-2A-30A-66A	406	4CC #138				
				3CC #98	CA 26A-41C	537	SCC #84	4CC #98	CA 2A-2A-66A-71A	414	4CC #146				
				3CC #99	CA 29A-66A-66A	505	SCC #52	4CC #99	CA 2A-4A-4A-5A	369	4CC #101				
				3CC #100	CA 30A-66A-66A	530	SCC #77	4CC #100	CA 2A-4A-4A-12A	372	4CC #104				
				3CC #101	CA 38A-40C		NO	4CC #101	CA 2A-5A-5B		NO				
				3CC #102	CA 41A-42A-42A	483	SCC #30	4CC #102	CA 2A-4A-7A	371	4CC #103				
				3CC #103	CA 41A-46C	484	SCC #31	4CC #103	CA 2A-4A-7C		NO				
				3CC #104	CA 41A-48C	335	4CC #67	4CC #104	CA 2A-4A-12B		NO				
				3CC #105	CA 46A-66A-66A	540	SCC #87	4CC #105	CA 2A-5A-7A	374	4CC #106				
				3CC #106	CA 46A-66A-66A	540	SCC #87	4CC #106	CA 2A-5A-7C		NO				
				3CC #107	CA 46A-66C	540	SCC #87	4CC #107	CA 2A-5A-12B		NO				
				3CC #108	CA 46C-66A	540	SCC #87	4CC #108	CA 2A-5B-30A	506	SCC #53				
				3CC #109	CA 48C-71A	339	4CC #71	4CC #109	CA 2C-5A-30A	506	SCC #53				
				3CC #110	CA 48A-48A-66A	540	SCC #87	4CC #110	CA 2A-5A-46C	507	SCC #54				
				3CC #111	CA 48A-66A-71A	203	3CC #116	4CC #111	CA 2A-5A-46D	508	SCC #55				
				3CC #112	CA 48A-66A-66A	540	SCC #87	4CC #112	CA 2A-5A-66A-66A	511	SCC #58				
				3CC #113	CA 48A-66B	540	SCC #87	4CC #113	CA 2A-5A-66B	511	SCC #58				
				3CC #114	CA 48A-66C	540	SCC #87	4CC #114	CA 2A-5A-66C	511	SCC #58				
				3CC #115	CA 48C-66A	540	SCC #87	4CC #115	CA 2A-5B-66A	511	SCC #58				
				3CC #116	CA 48C-71A		NO	4CC #116	CA 2A-7A-13A	498	SCC #45				
				3CC #117	CA 66A-66A-71A	414	4CC #146	4CC #117	CA 2A-7A-29A	390	4CC #122				
				3CC #118	CA 66C-71A	414	4CC #146	4CC #118	CA 2A-7A-46A	514	SCC #61				
				3CC #119	CA 2A-4A-5A	369	4CC #101	4CC #119	CA 2A-7A-66A	515	SCC #62				
				3CC #120	CA 2A-4A-12A	372	4CC #104	4CC #120	CA 2A-7A-12B		NO				
				3CC #121	CA 2A-4A-13A		NO	4CC #121	CA 2A-7C-13A	498	SCC #45				
				3CC #122	CA 2A-4A-29A		NO	4CC #122	CA 2A-7C-29A		NO				
				3CC #123	CA 2A-4A-30A		NO	4CC #123	CA 2A-7A-46C	514	SCC #61				
				3CC #124	CA 2A-4A-71A	350	4CC #82	4CC #124	CA 2A-7A-66A-66A	515	SCC #62				
				3CC #125	CA 2A-5A-7A	374	4CC #106	4CC #125	CA 2A-7C-66A	515	SCC #62				
				3CC #126	CA 2A-5A-12A	375	4CC #107	4CC #126	CA 2C-12A-30A		NO				
				3CC #127	CA 2A-5A-13A		NO	4CC #127	CA 2A-12A-66A-66A	516	SCC #63				
				3CC #128	CA 2A-5A-29A		NO	4CC #128	CA 2A-12A-66C	516	SCC #63				
				3CC #129	CA 2A-5A-30A	506	SCC #53	4CC #129	CA 2A-12B-66A	516	SCC #63				
				3CC #130	CA 2A-5A-46A	507	SCC #54	4CC #130	CA 2A-13A-46C	517	SCC #64				
				3CC #131	CA 2A-5A-48A	508	SCC #55	4CC #131	CA 2A-13A-48C	518	SCC #65				
				3CC #132	CA 2A-5A-66A	511	SCC #58	4CC #132	CA 2A-13A-66A-66A	521	SCC #68				
				3CC #133	CA 2A-7A-12A	388	4CC #120	4CC #133	CA 2A-13A-66B	521	SCC #68				
				3CC #134	CA 2A-7A-13A	498	SCC #45	4CC #134	CA 2A-13A-66C	521	SCC #68				
				3CC #135	CA 2A-7A-29A		NO	4CC #135	CA 2A-14A-66A-66A	504	SCC #51				
				3CC #136	CA 2A-7A-29A	390	4CC #122	4CC #136	CA 2C-29A-30A		NO				
				3CC #137	CA 2A-7A-46A	514	SCC #61	4CC #137	CA 2A-29A-66A-66A	505	SCC #52				
				3CC #138	CA 2A-7A-66A	515	SCC #62	4CC #138	CA 2A-30A-66A-66A		NO				
				3CC #139	CA 2A-12A-30A	394	4CC #126	4CC #139	CA 2A-46A-48C	524	SCC #71				
				3CC #140	CA 2A-12A-66A	516	SCC #63	4CC #140	CA 2A-48C-48A	524	SCC #71				
				3CC #141	CA 2A-13A-46A	517	SCC #64	4CC #141	CA 2A-46A-66A-66A	525	SCC #72				
				3CC #142	CA 2A-13A-48A	518	SCC #65	4CC #142	CA 2A-46C-66A	525	SCC #72				
				3CC #143	CA 2A-13A-66A	521	SCC #68	4CC #143	CA 2A-48A-66A-66A	526	SCC #73				
				3CC #144	CA 2A-14A-30A	361	4CC #93	4CC #144	CA 2A-48C-66A	526	SCC #73				
				3CC #145	CA 2A-14A-66A	504	SCC #51	4CC #145	CA 2A-66A-66A-71A	414	4CC #146				
				3CC #146	CA 2A-29A-66A		NO	4CC #146	CA 2A-66C-71A		NO				
				3CC #147	CA 2A-29A-30A	404	4CC #136	4CC #147	CA 4A-4A-5A-12A	419	4CC #151				
				3CC #148	CA 2A-29A-66A	505	SCC #52	4CC #148	CA 4A-4A-5A-30A	527	SCC #74				
				3CC #149	CA 2A-30A-66A	406	4CC #138	4CC #149	CA 4A-4A-12A-30A		NO				
				3CC #150	CA 2A-46A-48A	524	SCC #71	4CC #150	CA 4A-4A-29A-30A		NO				
				3CC #151	CA 2A-46A-66A	525	SCC #72	4CC #151	CA 4A-5A-12B		NO				
				3CC #152	CA 2A-48A-66A	526	SCC #73	4CC #152	CA 4A-5B-30A	527	SCC #74				
				3CC #153	CA 2A-66A-71A	414	4CC #146	4CC #153	CA 5A-7A-7A-66A	424	4CC #156				
				3CC #154	CA 4A-5A-12A	419	4CC #151	4CC #154	CA 5A-7A-46C	528	SCC #75				
				3CC #155	CA 4A-5A-13A		NO	4CC #155	CA 5A-7A-66A-66A	424	4CC #156				
				3CC #156	CA 4A-5A-29A		NO	4CC #156	CA 5A-7C-66A		NO				
				3CC #157	CA 4A-5A-30A	527	SCC #74	4CC #157	CA 5A-12A-46C	529	SCC #76				
				3CC #158	CA 4A-7A-12A		NO	4CC #158	CA 5A-12A-48C		NO				
				3CC #159	CA 4A-12A-30A	417	4CC #149	4CC #159	CA 5A-30A-66A-66A	530	SCC #77				
				3CC #160	CA 4A-29A-30A	418	4CC #150	4CC #160	CA 5B-30A-66A	530	SCC #77				
				3CC #161	CA 5A-7A-46A	528	SCC #75	4CC #161	CA 5A-46C-66A	531	SCC #78				
				3CC #162	CA 5A-7A-66A	424	4CC #156	4CC #162	CA 5A-48A-66A-66A	532	SCC #79				
				3CC #163	CA 5A-12A-46A	529	SCC #76	4CC #163	CA 5A-48C-66A	532	SCC #79				
				3CC #164	CA 5A-12A-66A		NO	4CC #164	CA 7A-7A-13A-66A	437	4CC #169				
				3CC #165	CA 5A-30A-66A	530	SCC #77	4CC #165	CA 7A-7A-25A-66A	534	SCC #81				
				3CC #166	CA 5A-46A-66A	531	SCC #78	4CC #166	CA 7A-7A-29A-66

Note:

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

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

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

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

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5.5 LTE Intra-Band UL CA

CA_2C														
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	1880.2	18902	1	99	20	QPSK	1900	19100	1	0	0	23.30	24.00
20	QPSK	1870.1	18801	1	99	20	QPSK	1889.9	18999	1	0	0	23.24	24.00
20	QPSK	1860	18700	1	99	20	QPSK	1879.8	18898	1	0	0	23.30	24.00

CA_2C														
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	1882.9	18929	1	74	20	QPSK	1900	19100	1	0	0	23.03	24.00
15	QPSK	1870.3	18803	1	74	20	QPSK	1887.4	18974	1	0	0	23.15	24.00
15	QPSK	1857.8	18678	1	74	20	QPSK	1874.9	18849	1	0	0	23.13	24.00

CA_2C														
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	1887.5	18975	1	74	15	QPSK	1902.5	19125	1	0	0	23.15	24.00
15	QPSK	1872.5	18825	1	74	15	QPSK	1887.5	18975	1	0	0	23.19	24.00
15	QPSK	1857.5	18675	1	74	15	QPSK	1872.5	18825	1	0	0	23.14	24.00

CA_2C														
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	1885.6	18956	1	49	20	QPSK	1900	19100	1	0	0	23.12	24.00
10	QPSK	1870.6	18806	1	49	20	QPSK	1885	18950	1	0	0	23.17	24.00
10	QPSK	1855.5	18655	1	49	20	QPSK	1869.9	18799	1	0	0	22.93	24.00

CA_2C														
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	1890.5	19005	1	49	15	QPSK	1902.5	19125	1	0	0	23.04	24.00
10	QPSK	1872.9	18829	1	49	15	QPSK	1884.9	18949	1	0	0	23.11	24.00
10	QPSK	1855.3	18653	1	49	15	QPSK	1867.3	18773	1	0	0	22.97	24.00

CA_2C														
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	1888.3	18983	1	24	20	QPSK	1900	19100	1	0	0	23.17	24.00
5	QPSK	1870.8	18808	1	24	20	QPSK	1882.5	18925	1	0	0	23.06	24.00
5	QPSK	1853.3	18633	1	24	20	QPSK	1865	18750	1	0	0	23.24	24.00

CA_5B														
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	23.13	24.50
10	QPSK	831.6	20476	1	49	10	QPSK	841.5	20575	1	0	0	23.05	24.50
10	QPSK	834.1	20501	1	49	10	QPSK	844	20600	1	0	0	23.14	24.50

CA_5B														
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	23.13	24.50
10	QPSK	834	20500	1	49	5	QPSK	841.2	20572	1	0	0	23.03	24.50
10	QPSK	839	20550	1	49	5	QPSK	846.2	20622	1	0	0	23.15	24.50

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CA_7C														
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	2510	20850	1	99	20	QPSK	2529.8	21048	1	0	0	23.31	24.00
20	QPSK	2525.1	21001	1	99	20	QPSK	2544.9	21199	1	0	0	23.74	24.00
20	QPSK	2540.2	21152	1	99	20	QPSK	2560	21350	1	0	0	23.38	24.00

CA_7C														
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	2507.8	20828	1	74	20	QPSK	2524.9	20999	1	0	0	22.95	24.00
15	QPSK	2525.3	21003	1	74	20	QPSK	2542.4	21174	1	0	0	23.10	24.00
15	QPSK	2560	21350	1	74	20	QPSK	2577.1	21521	1	0	0	23.10	24.00

CA_7C														
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	2507.5	20825	1	74	15	QPSK	2522.5	20975	1	0	0	22.94	24.00
15	QPSK	2527.5	21025	1	74	15	QPSK	2542.5	21175	1	0	0	23.13	24.00
15	QPSK	2547.5	21225	1	74	15	QPSK	2562.5	21375	1	0	0	23.14	24.00

CA_7C														
Combination 75RB + 50RB (15MHz + 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)
15	QPSK	2507.5	20825	1	74	10	QPSK	2519.5	20945	1	0	0	23.09	24.00
15	QPSK	2530.1	21051	1	74	10	QPSK	2542.1	21171	1	0	0	23.08	24.00
15	QPSK	2552.7	21277	1	74	10	QPSK	2564.7	21397	1	0	0	23.15	24.00

CA_7C														
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	2505.5	20805	1	49	20	QPSK	2519.9	20949	1	0	0	23.04	24.00
10	QPSK	2525.6	21006	1	49	20	QPSK	2540	21150	1	0	0	23.17	24.00
10	QPSK	2545.6	21206	1	49	20	QPSK	2560	21350	1	0	0	23.05	24.00

CA_38C														
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	23.17	24.00
20	QPSK	2585.1	37901	1	99	20	QPSK	2604.9	38099	1	0	0	23.10	24.00
20	QPSK	2590.2	37952	1	99	20	QPSK	2610	38150	1	0	0	23.23	24.00

CA_38C														
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	23.10	24.00
15	QPSK	2587.5	37925	1	74	15	QPSK	2602.5	38075	1	0	0	23.22	24.00
15	QPSK	2597.5	38025	1	74	15	QPSK	2612.5	38175	1	0	0	23.08	24.00

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CA_41C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2506	39750	1	99	20	QPSK	2525.8	39948	1	0	0	23.61	24.00
20	QPSK	2583.1	40521	1	99	20	QPSK	2602.9	40719	1	0	0	23.57	24.00
20	QPSK	2660.2	41292	1	99	20	QPSK	2680	41490	1	0	0	23.74	24.00

CA_41C														
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	2503.8	39728	1	74	20	QPSK	2520.9	39899	1	0	0	23.26	24.00
15	QPSK	2583.3	40523	1	74	20	QPSK	2600.4	40694	1	0	0	23.42	24.00
15	QPSK	2662.9	41319	1	74	20	QPSK	2680	41490	1	0	0	23.47	24.00

CA_41C														
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	2503.5	39725	1	74	15	QPSK	2518.5	39875	1	0	0	23.32	24.00
15	QPSK	2585.5	40545	1	74	15	QPSK	2600.5	40695	1	0	0	23.25	24.00
15	QPSK	2667.5	41365	1	74	15	QPSK	2682.5	41515	1	0	0	23.37	24.00

CA_41C														
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	2501.5	39705	1	49	20	QPSK	2515.9	39849	1	0	0	23.25	24.00
10	QPSK	2583.6	40526	1	49	20	QPSK	2598	40670	1	0	0	23.32	24.00
10	QPSK	2665.6	41346	1	49	20	QPSK	2680	41490	1	0	0	23.17	24.00

CA_41C														
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	2501.3	39703	1	49	15	QPSK	2513.3	39823	1	0	0	23.20	24.00
10	QPSK	2585.9	40549	1	49	15	QPSK	2597.9	40669	1	0	0	23.20	24.00
10	QPSK	2670.5	41395	1	49	15	QPSK	2682.5	41515	1	0	0	23.33	24.00

CA_41C														
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	2499.3	39683	1	24	20	QPSK	2511	39800	1	0	0	23.33	24.00
5	QPSK	2583.8	40528	1	24	20	QPSK	2595.5	40645	1	0	0	23.27	24.00
5	QPSK	2668.3	41373	1	24	20	QPSK	2680	41490	1	0	0	23.30	24.00

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CA_42C_Part 1														
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	3460	42090	1	99	20	QPSK	3479.8	42288	1	0	0	23.92	24.00
20	QPSK	3500	42590	1	99	20	QPSK	3519.8	42788	1	0	0	23.81	24.00
20	QPSK	3540	43090	1	99	20	QPSK	3559.8	43288	1	0	0	23.87	24.00

CA_42C_Part 1														
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	3557.5	43165	1	74	20	QPSK	3574.6	43336	1	0	0	23.74	24.00
15	QPSK	3575	43340	1	74	20	QPSK	3592.1	43511	1	0	0	23.81	24.00
15	QPSK	3592.5	43515	1	74	20	QPSK	3609.6	43686	1	0	0	23.86	24.00

CA_42C_Part 1														
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	3455	42140	1	49	20	QPSK	3469.4	42284	1	0	0	23.72	24.00
10	QPSK	3500	42590	1	49	20	QPSK	3514.4	42734	1	0	0	23.82	24.00
10	QPSK	3545	43040	1	49	20	QPSK	3559.4	43184	1	0	0	23.91	24.00

CA_42C_Part 1														
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	3452.5	42115	1	24	20	QPSK	3464.2	42232	1	0	0	23.85	24.00
5	QPSK	3500	42590	1	24	20	QPSK	3511.7	42707	1	0	0	23.80	24.00
5	QPSK	3547.5	43065	1	24	20	QPSK	3559.2	43182	1	0	0	23.91	24.00

CA_42C_Part 2														
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	43190	1	99	20	QPSK	3579.8	43388	1	0	0	21.85	22.00
20	QPSK	3575	43340	1	99	20	QPSK	3594.8	43538	1	0	0	21.87	22.00
20	QPSK	3590	43490	1	99	20	QPSK	3609.8	43688	1	0	0	21.92	22.00

CA_42C_Part 2														
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	3557.5	43165	1	74	20	QPSK	3574.6	43336	1	0	0	21.66	22.00
15	QPSK	3575	43340	1	74	20	QPSK	3592.1	43511	1	0	0	21.89	22.00
15	QPSK	3592.5	43515	1	74	20	QPSK	3609.6	43686	1	0	0	21.85	22.00

CA_42C_Part 2														
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	43140	1	49	20	QPSK	3569.4	43284	1	0	0	21.88	22.00
10	QPSK	3575	43340	1	49	20	QPSK	3589.4	43484	1	0	0	21.67	22.00
10	QPSK	3595	43540	1	49	20	QPSK	3609.4	43684	1	0	0	21.85	22.00

CA_42C_Part 2														
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	3552.5	43115	1	24	20	QPSK	3564.2	43232	1	0	0	21.69	22.00
5	QPSK	3575	43340	1	24	20	QPSK	3586.7	43457	1	0	0	21.75	22.00
5	QPSK	3597.5	43565	1	24	20	QPSK	3609.2	43682	1	0	0	21.77	22.00

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CA_43C														
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	3610	43690	1	99	20	QPSK	3679.8	44388	1	0	0	21.74	22.00
20	QPSK	3650	44090	1	99	20	QPSK	3682.3	44413	1	0	0	21.65	22.00
20	QPSK	3690	44490	1	99	20	QPSK	3684.8	44438	1	0	0	21.61	22.00

CA_43C														
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	3607.5	43665	1	74	20	QPSK	3674.6	44336	1	0	0	21.61	22.00
15	QPSK	3650	44090	1	74	20	QPSK	3679.6	44386	1	0	0	21.73	22.00
15	QPSK	3692.5	44515	1	74	20	QPSK	3684.6	44436	1	0	0	21.69	22.00

CA_43C														
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	3605	43640	1	49	20	QPSK	3669.4	44284	1	0	0	21.58	22.00
10	QPSK	3650	44090	1	49	20	QPSK	3676.9	44359	1	0	0	21.53	22.00
10	QPSK	3695	44540	1	49	20	QPSK	3684.4	44434	1	0	0	21.52	22.00

CA_43C														
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	3602.5	43615	1	24	20	QPSK	3664.2	44232	1	0	0	21.53	22.00
5	QPSK	3650	44090	1	24	20	QPSK	3674.2	44332	1	0	0	21.54	22.00
5	QPSK	3697.5	44565	1	24	20	QPSK	3684.2	44432	1	0	0	21.63	22.00

CA_48C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	3560	55340	1	99	20	QPSK	3579.8	55538	1	0	0	21.71	22.00
20	QPSK	3615.1	55891	1	99	20	QPSK	3634.9	56089	1	0	0	21.97	22.00
20	QPSK	3670.2	56442	1	99	20	QPSK	3690	56640	1	0	0	21.92	22.00

CA_48C														
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	3557.8	55318	1	74	20	QPSK	3574.9	55489	1	0	0	21.30	22.00
15	QPSK	3615.3	55893	1	74	20	QPSK	3632.4	56064	1	0	0	21.46	22.00
15	QPSK	3672.9	56469	1	74	20	QPSK	3690	56640	1	0	0	21.42	22.00

CA_48C														
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	21.58	22.00
10	QPSK	3615.6	55896	1	49	20	QPSK	3630	56040	1	0	0	21.40	22.00
10	QPSK	3675.6	56496	1	49	20	QPSK	3690	56640	1	0	0	21.46	22.00

CA_48C														
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	21.40	22.00
5	QPSK	3615.8	55898	1	24	20	QPSK	3627.5	56015	1	0	0	21.31	22.00
5	QPSK	3678.3	56523	1	24	20	QPSK	3690	56640	1	0	0	21.55	22.00

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CA_66B														
Combination 50RB + 50RB (10MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715	132022	1	49	10	QPSK	1724.9	132121	1	0	0	23.32	24.00
10	QPSK	1750.1	132373	1	49	10	QPSK	1760	132472	1	0	0	23.20	24.00
10	QPSK	1765.1	132523	1	49	10	QPSK	1775	132622	1	0	0	23.26	24.00

CA_66B														
Combination 25RB + 75RB (5MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1713	132002	1	24	15	QPSK	1722.3	132095	1	0	0	23.27	24.00
5	QPSK	1748.1	132353	1	24	15	QPSK	1757.4	132446	1	0	0	23.10	24.00
5	QPSK	1763.2	132504	1	24	15	QPSK	1772.5	132597	1	0	0	23.25	24.00

CA_66B														
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	23.31	24.00
5	QPSK	1750.3	132375	1	24	10	QPSK	1757.5	132447	1	0	0	23.04	24.00
5	QPSK	1767.8	132550	1	24	10	QPSK	1775	132622	1	0	0	23.21	24.00

CA_66B														
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	23.29	24.00
5	QPSK	1752.6	132398	1	24	5	QPSK	1757.4	132446	1	0	0	23.17	24.00
5	QPSK	1772.7	132599	1	24	5	QPSK	1777.5	132647	1	0	0	23.31	24.00

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CA_66C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	1720	132072	1	99	20	QPSK	1739.8	132270	1	0	0	23.33	24.00
20	QPSK	1745.1	132323	1	99	20	QPSK	1764.9	132521	1	0	0	23.37	24.00
20	QPSK	1750.2	132374	1	99	20	QPSK	1770	132572	1	0	0	23.38	24.00

CA_66C														
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	1717.8	132050	1	74	20	QPSK	1734.9	132221	1	0	0	23.31	24.00
15	QPSK	1745.3	132325	1	74	20	QPSK	1762.4	132496	1	0	0	23.12	24.00
15	QPSK	1752.9	132401	1	74	20	QPSK	1770	132572	1	0	0	23.07	24.00

CA_66C														
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	23.21	24.00
15	QPSK	1747.5	132347	1	74	15	QPSK	1762.5	132497	1	0	0	23.14	24.00
15	QPSK	1757.5	132447	1	74	15	QPSK	1772.5	132597	1	0	0	23.11	24.00

CA_66C														
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	23.19	24.00
10	QPSK	1745.6	132328	1	49	20	QPSK	1760	132472	1	0	0	23.05	24.00
10	QPSK	1755.6	132428	1	49	20	QPSK	1770	132572	1	0	0	23.21	24.00

CA_66C														
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715.3	132025	1	49	15	QPSK	1727.3	132145	1	0	0	23.24	24.00
10	QPSK	1747.9	132351	1	49	15	QPSK	1759.9	132471	1	0	0	23.11	24.00
10	QPSK	1760.5	132477	1	49	15	QPSK	1772.5	132597	1	0	0	23.19	24.00

CA_66C														
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	23.31	24.00
20	QPSK	1752.5	132397	1	99	5	QPSK	1764.2	132514	1	0	0	23.47	24.00
20	QPSK	1765	132522	1	99	5	QPSK	1776.7	132639	1	0	0	23.42	24.00

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5.6 NR Intra-Band UL CA

CA_n5B														
Combination 79RB + 25RB (15MHz + 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)
15	pi/2 BPSK	831.5	166300	1	77	5	pi/2 BPSK	840.8	166393	1	1	1	23.29	24.00
15	pi/2 BPSK	841.5	168300	1	77	5	pi/2 BPSK	850.8	168393	1	1	1	23.45	24.00

CA_n5B														
Combination 52RB + 52RB (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	pi/2 BPSK	829	165800	1	49	10	pi/2 BPSK	838.9	165899	1	1	0	23.33	24.00
10	pi/2 BPSK	844	168800	1	49	10	pi/2 BPSK	853.9	168899	1	1	0	23.39	24.00

CA_n5B														
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	pi/2 BPSK	826.5	165300	1	23	5	pi/2 BPSK	831.3	165348	1	1	0	23.39	24.00
5	pi/2 BPSK	846.5	169300	1	23	5	pi/2 BPSK	851.3	169348	1	1	0	23.39	24.00

CA_n41C														
Combination 217RB + 273RB (80MHz + 100MHz)														
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)
80	pi/2 BPSK	2536.02	507204	1	215	100	pi/2 BPSK	2624.82	508092	1	1	1	22.92	24.00
80	pi/2 BPSK	2649.99	529998	1	215	100	pi/2 BPSK	2738.79	530886	1	1	1	23.35	24.00

CA_n41C														
Combination 217RB + 162RB (80MHz + 60MHz)														
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)
80	pi/2 BPSK	2536.02	507204	1	215	60	pi/2 BPSK	2605.02	507894	1	1	0	22.82	24.00
80	pi/2 BPSK	2649.99	529998	1	215	60	pi/2 BPSK	2718.99	530688	1	1	0	23.20	24.00

CA_n41C														
Combination 106RB + 273RB (40MHz + 100MHz)														
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)
40	pi/2 BPSK	2516.01	503202	1	104	100	pi/2 BPSK	2582.91	503871	1	1	0	22.95	24.00
40	pi/2 BPSK	2670	534000	1	104	100	pi/2 BPSK	2736.9	534669	1	1	0	23.16	24.00

CA_n41C														
Combination 106RB + 217RB (40MHz + 80MHz)														
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)
40	pi/2 BPSK	2516.01	503202	1	104	80	pi/2 BPSK	2573.91	503781	1	1	0	22.88	24.00
40	pi/2 BPSK	2670	534000	1	104	80	pi/2 BPSK	2727.9	534579	1	1	0	23.30	24.00

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CA_n48B														
Combination 51RB + 51RB (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	pi/2 BPSK	3560.01	637334	1	49	20	pi/2 BPSK	3579.81	637532	1	1	1	21.35	22.00
20	pi/2 BPSK	3690	646000	1	49	20	pi/2 BPSK	3709.8	646198	1	1	1	21.88	22.00

CA_n48B														
Combination 51RB + 38RB (20MHz + 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)
20	pi/2 BPSK	3560.01	637334	1	49	15	pi/2 BPSK	3577.11	637505	1	1	0	21.38	22.00
20	pi/2 BPSK	3690	646000	1	49	15	pi/2 BPSK	3707.1	646171	1	1	0	21.79	22.00

CA_n48B														
Combination 11RB + 51RB (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	pi/2 BPSK	3552.51	636834	1	9	20	pi/2 BPSK	3564.21	636951	1	1	0	21.48	22.00
5	pi/2 BPSK	3697.5	646500	1	9	20	pi/2 BPSK	3709.2	646617	1	1	0	21.73	22.00

CA_n48B														
Combination 11RB + 38RB (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	pi/2 BPSK	3552.51	636834	1	9	15	pi/2 BPSK	3561.81	636927	1	1	0	21.55	22.00
5	pi/2 BPSK	3697.5	646500	1	9	15	pi/2 BPSK	3706.8	646593	1	1	0	21.87	22.00

CA_n48C														
Combination 106RB + 273RB (40MHz + 100MHz)														
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)
40	pi/2 BPSK	3570	638000	1	104	100	pi/2 BPSK	3636.9	638669	1	1	1	21.50	22.00
40	pi/2 BPSK	3679.98	645332	1	104	100	pi/2 BPSK	3746.88	646001	1	1	1	21.90	22.00

CA_n48C														
Combination 106RB + 217RB (40MHz + 80MHz)														
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)
40	pi/2 BPSK	3570	638000	1	104	80	pi/2 BPSK	3627.9	638579	1	1	0	21.64	22.00
40	pi/2 BPSK	3679.98	645332	1	104	80	pi/2 BPSK	3737.88	645911	1	1	0	21.84	22.00

CA_n48C														
Combination 24RB + 273RB (10MHz + 100MHz)														
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	pi/2 BPSK	3555	637000	1	22	100	pi/2 BPSK	3605.4	637504	1	1	0	21.58	22.00
10	pi/2 BPSK	3694.98	646332	1	22	100	pi/2 BPSK	3745.38	646836	1	1	0	21.84	22.00

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CA_n66B														
Combination 79RB + 106RB (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	pi/2 BPSK	1717.5	343500	1	77	20	pi/2 BPSK	1734.6	343671	1	1	1	23.06	24.00
15	pi/2 BPSK	1772.5	354500	1	77	20	pi/2 BPSK	1789.6	354671	1	1	1	22.69	24.00

CA_n66B														
Combination 79RB + 79RB (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	pi/2 BPSK	1717.5	343500	1	77	15	pi/2 BPSK	1732.5	343650	1	1	0	22.83	24.00
15	pi/2 BPSK	1772.5	354500	1	77	15	pi/2 BPSK	1787.5	354650	1	1	0	22.68	24.00

CA_n66B														
Combination 25RB + 216RB (5MHz + 40MHz)														
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	pi/2 BPSK	1712.5	342500	1	23	40	pi/2 BPSK	1733.2	342707	1	1	0	23.04	24.00
5	pi/2 BPSK	1777.5	355500	1	23	40	pi/2 BPSK	1798.2	355707	1	1	0	22.65	24.00

CA_n66B														
Combination 25RB + 106RB (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	pi/2 BPSK	1712.5	342500	1	23	20	pi/2 BPSK	1724.2	342617	1	1	0	23.05	24.00
5	pi/2 BPSK	1777.5	355500	1	23	20	pi/2 BPSK	1789.2	355617	1	1	0	22.65	24.00

CA_n71B														
Combination 52RB + 79RB (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	pi/2 BPSK	668	133600	1	49	15	pi/2 BPSK	680	133720	1	1	1	23.12	24.00
10	pi/2 BPSK	693	138600	1	49	15	pi/2 BPSK	705	138720	1	1	1	23.45	24.00

CA_n71B														
Combination 25RB + 106RB (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	pi/2 BPSK	665.5	133100	1	23	20	pi/2 BPSK	677.2	133217	1	1	0	23.16	24.00
5	pi/2 BPSK	695.5	139100	1	23	20	pi/2 BPSK	707.2	139217	1	1	0	23.27	24.00

CA_n77C														
Combination 273RB + 273RB (100MHz + 100MHz)														
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)
100	pi/2 BPSK	3750	650000	1	271	100	pi/2 BPSK	3849.9	650999	1	1	1	23.75	24.00
100	pi/2 BPSK	3930	662000	1	271	100	pi/2 BPSK	4029.9	662999	1	1	1	23.43	24.00

CA_n77C														
Combination 133RB + 273RB (50MHz + 100MHz)														
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)
50	pi/2 BPSK	3725.01	648334	1	131	100	pi/2 BPSK	3797.31	649057	1	1	0	23.57	24.00
50	pi/2 BPSK	3954.99	663666	1	131	100	pi/2 BPSK	4027.29	664389	1	1	0	23.19	24.00

CA_n77C														
Combination 133RB + 162RB (50MHz + 60MHz)														
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)
50	pi/2 BPSK	3725.01	648334	1	131	60	pi/2 BPSK	3779.31	648877	1	1	0	23.54	24.00
50	pi/2 BPSK	3954.99	663666	1	131	60	pi/2 BPSK	4009.29	664209	1	1	0	23.25	24.00

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5.7 FDD NR

Aux 2

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	23.45	23.58	23.41	24.00	0.0
		1	53	23.30	23.39	23.24	24.00	0.0
		1	104	23.41	23.53	23.28	24.00	0.0
		50	0	22.90	23.10	22.86	23.50	0.5
		50	28	23.24	23.52	23.32	24.00	0.0
		50	56	22.96	23.12	22.98	23.50	0.5
		100	0	22.93	23.08	22.97	23.50	0.5
	QPSK	1	1	23.31	23.52	23.37	24.00	0.0
		1	53	23.42	23.49	23.22	24.00	0.0
		1	104	23.30	23.47	23.34	24.00	0.0
		50	0	22.37	22.46	22.30	23.00	1.0
		50	28	23.40	23.51	23.34	24.00	0.0
		50	56	22.33	22.44	22.30	23.00	1.0
		100	0	22.29	22.41	22.25	23.00	1.0
	16-QAM	1	1	22.33	22.45	22.30	23.00	1.0
	64QAM	1	1	20.83	21.00	20.81	21.50	2.5
	256-QAM	1	1	18.85	18.99	18.74	19.50	4.5

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	23.38	23.47	23.28	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	23.30	23.42	23.28	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	23.34	23.46	23.34	24.00	0.0

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5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	23.48	23.77	23.80	24.00	0.0
		1	53	23.40	23.57	23.73	24.00	0.0
		1	104	23.38	23.66	23.67	24.00	0.0
		50	0	22.99	23.25	23.32	23.50	0.5
		50	28	23.33	23.63	23.68	24.00	0.0
		50	56	23.01	23.23	23.30	23.50	0.5
		100	0	22.98	23.27	23.22	23.50	0.5
	QPSK	1	1	23.35	23.65	23.63	24.00	0.0
		1	53	23.43	23.64	23.73	24.00	0.0
		1	104	23.39	23.66	23.74	24.00	0.0
		50	0	22.34	22.63	22.63	23.00	1.0
		50	28	23.32	23.59	23.65	24.00	0.0
		50	56	22.36	22.63	22.69	23.00	1.0
		100	0	22.32	22.60	22.64	23.00	1.0
	16-QAM	1	1	22.36	22.64	22.69	23.00	1.0
	64QAM	1	1	20.83	21.12	21.14	21.50	2.5
	256-QAM	1	1	18.89	19.15	19.26	19.50	4.5

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	23.37	23.68	23.63	24.00	0.0

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				501000	507000	513000		
10	Pi/2 BPSK	1	1	23.35	23.65	23.69	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)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	23.36	23.62	23.63	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)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	23.45	23.55	23.37	24.00	0.0
		1	53	23.38	23.42	23.24	24.00	0.0
		1	104	23.29	23.43	23.25	24.00	0.0
		50	0	22.92	23.01	22.84	23.50	0.5
		50	28	23.28	23.49	23.24	24.00	0.0
		50	56	22.95	23.11	22.76	23.50	0.5
		100	0	22.98	23.06	22.91	23.50	0.5
	QPSK	1	1	23.33	23.51	23.25	24.00	0.0
		1	53	23.34	23.38	23.23	24.00	0.0
		1	104	23.33	23.38	23.19	24.00	0.0
		50	0	22.42	22.43	22.22	23.00	1.0
		50	28	23.32	23.45	23.27	24.00	0.0
		50	56	22.33	22.41	22.26	23.00	1.0
		100	0	22.29	22.38	22.21	23.00	1.0
	16-QAM	1	1	22.33	22.42	22.26	23.00	1.0
	64QAM	1	1	20.83	20.90	20.76	21.50	2.5
	256-QAM	1	1	18.80	18.85	18.79	19.50	4.5

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	23.34	23.43	23.22	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)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	23.34	23.44	23.30	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)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	23.39	23.36	23.21	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	2310	2310		
Channel				462000	462000	462000		
10	Pi/2 BPSK	1	1		22.30		23.00	0.0
		1	26		22.10		23.00	0.0
		1	49		22.17		23.00	0.0
		25	0		21.78		22.50	0.5
		25	13		22.09		23.00	0.0
		25	26		21.74		22.50	0.5
		50	0		21.80		22.50	0.5
	QPSK	1	1		22.20		23.00	0.0
		1	26		22.10		23.00	0.0
		1	49		22.21		23.00	0.0
		25	0		21.20		22.00	1.0
		25	13		22.10		23.00	0.0
		25	26		21.16		22.00	1.0
		50	0		21.13		22.00	1.0
	16-QAM	1	1		21.17		22.00	1.0
	64QAM	1	1		19.68		20.50	2.5
	256-QAM	1	1		17.71		18.50	4.5

5G NR n30_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				461500	462000	462500		
5	Pi/2 BPSK	1	1	22.08	22.13	22.01	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)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	23.39	23.32	23.26	24.00	0.0
		1	53	23.31	23.18	23.09	24.00	0.0
		1	104	23.27	23.25	23.11	24.00	0.0
		50	0	22.85	22.82	22.77	23.50	0.5
		50	28	23.24	23.20	23.17	24.00	0.0
		50	56	22.93	22.75	22.75	23.50	0.5
		100	0	22.87	22.75	22.81	23.50	0.5
	QPSK	1	1	23.25	23.17	23.06	24.00	0.0
		1	53	23.23	23.22	23.21	24.00	0.0
		1	104	23.25	23.21	23.13	24.00	0.0
		50	0	22.27	22.26	22.13	23.00	1.0
		50	28	23.23	23.24	23.08	24.00	0.0
		50	56	22.27	22.18	22.15	23.00	1.0
		100	0	22.23	22.15	22.10	23.00	1.0
	16-QAM	1	1	22.27	22.19	22.15	23.00	1.0
	64QAM	1	1	20.74	20.67	20.67	21.50	2.5
	256-QAM	1	1	18.68	18.69	18.69	19.50	4.5

5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	23.26	23.13	23.15	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	23.26	23.26	23.12	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)				1712.5	1745	1777.5		
Channel				342500	349000	355500		
5	Pi/2 BPSK	1	1	23.26	23.13	23.16	24.00	0.0

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5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1702.5	1702.5	1702.5		
Channel				340500	340500	340500		
15	Pi/2 BPSK	1	1		23.99		24.00	0.0
		1	40		23.88		24.00	0.0
		1	77		23.91		24.00	0.0
		36	0		23.42		23.50	0.5
		36	22		23.85		24.00	0.0
		36	43		23.48		23.50	0.5
		75	0		23.48		23.50	0.5
	QPSK	1	1		23.94		24.00	0.0
		1	40		23.86		24.00	0.0
		1	77		23.86		24.00	0.0
		36	0		22.83		23.00	1.0
		36	22		23.89		24.00	0.0
		36	43		22.85		23.00	1.0
		75	0		22.82		23.00	1.0
	16-QAM	1	1		22.86		23.00	1.0
	64QAM	1	1		21.35		21.50	2.5
	256-QAM	1	1		19.32		19.50	4.5

5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1700	1702.5	1705		
Channel				340000	340500	341000		
10	Pi/2 BPSK	1	1	23.81	23.85	23.78	24.00	0.0

5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
Channel				339500	340500	341500		
5	Pi/2 BPSK	1	1	23.82	23.89	23.84	24.00	0.0

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Main

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	23.48	23.35	23.08	24.00	0.0
		1	53	23.42	23.22	22.90	24.00	0.0
		1	104	23.27	23.23	22.99	24.00	0.0
		50	0	22.98	22.91	22.56	23.50	0.5
		50	28	23.29	23.25	22.92	24.00	0.0
		50	56	22.97	22.75	22.63	23.50	0.5
		100	0	22.96	22.83	22.54	23.50	0.5
	QPSK	1	1	23.38	23.24	22.99	24.00	0.0
		1	53	23.38	23.18	23.01	24.00	0.0
		1	104	23.35	23.18	22.96	24.00	0.0
		50	0	22.36	22.26	21.90	23.00	1.0
		50	28	23.40	23.14	22.99	24.00	0.0
		50	56	22.36	22.21	21.97	23.00	1.0
		100	0	22.32	22.18	21.92	23.00	1.0
	16-QAM	1	1	22.36	22.22	21.97	23.00	1.0
	64QAM	1	1	20.93	20.71	20.54	21.50	2.5
	256-QAM	1	1	18.84	18.72	18.45	19.50	4.5

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	23.30	23.23	23.02	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	23.38	23.22	22.94	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	23.41	23.19	22.97	24.00	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	23.58	23.51	23.54	24.00	0.0
		1	53	23.44	23.43	23.40	24.00	0.0
		1	104	23.43	23.40	23.49	24.00	0.0
		50	0	23.08	22.94	23.02	23.50	0.5
		50	28	23.47	23.45	23.42	24.00	0.0
		50	56	23.10	22.98	22.96	23.50	0.5
		100	0	23.05	22.96	23.03	23.50	0.5
	QPSK	1	1	23.47	23.41	23.42	24.00	0.0
		1	53	23.49	23.31	23.33	24.00	0.0
		1	104	23.52	23.37	23.48	24.00	0.0
		50	0	22.44	22.40	22.48	23.00	1.0
		50	28	23.47	23.42	23.49	24.00	0.0
		50	56	22.46	22.37	22.43	23.00	1.0
		100	0	22.42	22.34	22.38	23.00	1.0
	16-QAM	1	1	22.46	22.38	22.43	23.00	1.0
	64QAM	1	1	20.98	20.83	20.87	21.50	2.5
	256-QAM	1	1	18.98	18.83	19.00	19.50	4.5

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				831.5	836.5	841.5		
Channel				166300	167300	168300		
15	Pi/2 BPSK	1	1	23.38	23.43	23.46	24.00	0.0

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	23.44	23.43	23.39	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	23.44	23.34	23.47	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)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	23.47	23.75	23.90	24.00	0.0
		1	53	23.38	23.56	23.84	24.00	0.0
		1	104	23.35	23.65	23.80	24.00	0.0
		50	0	22.96	23.17	23.37	23.50	0.5
		50	28	23.34	23.64	23.79	24.00	0.0
		50	56	23.02	23.28	23.35	23.50	0.5
		100	0	22.90	23.27	23.34	23.50	0.5
	QPSK	1	1	23.39	23.66	23.76	24.00	0.0
		1	53	23.40	23.60	23.77	24.00	0.0
		1	104	23.41	23.66	23.73	24.00	0.0
		50	0	22.33	22.65	22.75	23.00	1.0
		50	28	23.37	23.63	23.72	24.00	0.0
		50	56	22.35	22.61	22.79	23.00	1.0
		100	0	22.31	22.58	22.74	23.00	1.0
	16-QAM	1	1	22.35	22.62	22.79	23.00	1.0
	64QAM	1	1	20.88	21.14	21.23	21.50	2.5
	256-QAM	1	1	18.80	19.21	19.19	19.50	4.5

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	23.34	23.61	23.70	24.00	0.0

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				501000	507000	513000		
10	Pi/2 BPSK	1	1	23.28	23.61	23.74	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)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	23.36	23.65	23.77	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	23.05	22.98	23.13	24.00	0.0
		1	40	22.93	22.82	22.98	24.00	0.0
		1	77	22.86	22.87	23.00	24.00	0.0
		36	0	22.53	22.45	22.68	23.50	0.5
		36	22	22.88	22.91	23.03	24.00	0.0
		36	43	22.55	22.50	22.62	23.50	0.5
		75	0	22.60	22.50	22.62	23.50	0.5
	QPSK	1	1	22.94	22.85	23.03	24.00	0.0
		1	40	22.89	22.94	22.97	24.00	0.0
		1	77	22.86	22.92	23.07	24.00	0.0
		36	0	21.93	21.84	22.06	23.00	1.0
		36	22	22.99	22.88	23.06	24.00	0.0
		36	43	21.93	21.84	22.02	23.00	1.0
		75	0	21.89	21.81	21.97	23.00	1.0
	16-QAM	1	1	21.93	21.85	22.02	23.00	1.0
	64QAM	1	1	20.37	20.37	20.51	21.50	2.5
	256-QAM	1	1	18.47	18.42	18.50	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	22.89	22.91	22.97	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	22.93	22.84	23.01	24.00	0.0

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5G NR n13_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				782	782	782		
Channel				156400	156400	156400		
10	Pi/2 BPSK	1	1		23.49		24.00	0.0
		1	26		23.35		24.00	0.0
		1	49		23.34		24.00	0.0
		25	0		22.94		23.50	0.5
		25	13		23.39		24.00	0.0
		25	26		22.97		23.50	0.5
		50	0		22.93		23.50	0.5
	QPSK	1	1		23.36		24.00	0.0
		1	26		23.39		24.00	0.0
		1	49		23.37		24.00	0.0
		25	0		22.33		23.00	1.0
		25	13		23.44		24.00	0.0
		25	26		22.35		23.00	1.0
		50	0		22.32		23.00	1.0
	16-QAM	1	1		22.36		23.00	1.0
	64QAM	1	1		20.91		21.50	2.5
	256-QAM	1	1		18.91		19.50	4.5

5G NR n13_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				779.5	782	784.5		
Channel				155900	156400	156900		
5	Pi/2 BPSK	1	1	23.42	23.39	23.31	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	793	793		
Channel				158600	158600	158600		
10	Pi/2 BPSK	1	1		23.42		24.00	0.0
		1	26		23.26		24.00	0.0
		1	49		23.31		24.00	0.0
		25	0		22.94		23.50	0.5
		25	13		23.29		24.00	0.0
		25	26		22.90		23.50	0.5
		50	0		22.89		23.50	0.5
	QPSK	1	1		23.30		24.00	0.0
		1	26		23.35		24.00	0.0
		1	49		23.31		24.00	0.0
		25	0		22.29		23.00	1.0
		25	13		23.31		24.00	0.0
		25	26		22.30		23.00	1.0
		50	0		22.26		23.00	1.0
	16-QAM	1	1		22.30		23.00	1.0
	64QAM	1	1		20.86		21.50	2.5
	256-QAM	1	1		18.74		19.50	4.5

5G NR n14_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				790.5	793	795.5		
Channel				158100	158600	159100		
5	Pi/2 BPSK	1	1	23.26	23.32	23.12	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)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	23.55	23.35	23.05	24.00	0.0
		1	53	23.49	23.25	22.93	24.00	0.0
		1	104	23.44	23.24	22.86	24.00	0.0
		50	0	22.99	22.83	22.54	23.50	0.5
		50	28	23.41	23.22	22.93	24.00	0.0
		50	56	23.03	22.80	22.53	23.50	0.5
		100	0	23.05	22.80	22.58	23.50	0.5
	QPSK	1	1	23.46	23.18	22.97	24.00	0.0
		1	53	23.41	23.29	22.93	24.00	0.0
		1	104	23.47	23.20	22.91	24.00	0.0
		50	0	22.46	22.25	21.88	23.00	1.0
		50	28	23.40	23.21	22.95	24.00	0.0
		50	56	22.43	22.21	21.94	23.00	1.0
		100	0	22.39	22.18	21.89	23.00	1.0
	16-QAM	1	1	22.43	22.22	21.94	23.00	1.0
	64QAM	1	1	20.91	20.72	20.47	21.50	2.5
	256-QAM	1	1	18.88	18.69	18.41	19.50	4.5

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	23.38	23.23	22.86	24.00	0.0

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	23.45	23.26	22.90	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)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	23.46	23.18	22.97	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	23.36	23.40	23.44	24.00	0.0
		1	53	23.30	23.32	23.32	24.00	0.0
		1	104	23.22	23.34	23.38	24.00	0.0
		50	0	22.87	22.94	22.92	23.50	0.5
		50	28	23.27	23.29	23.33	24.00	0.0
		50	56	22.84	22.93	22.96	23.50	0.5
		100	0	22.91	22.88	22.92	23.50	0.5
	QPSK	1	1	23.19	23.24	23.39	24.00	0.0
		1	53	23.21	23.21	23.29	24.00	0.0
		1	104	23.27	23.30	23.30	24.00	0.0
		50	0	22.24	22.30	22.31	23.00	1.0
		50	28	23.30	23.30	23.32	24.00	0.0
		50	56	22.24	22.26	22.33	23.00	1.0
		100	0	22.20	22.23	22.28	23.00	1.0
	16-QAM	1	1	22.24	22.27	22.33	23.00	1.0
	64QAM	1	1	20.81	20.78	20.81	21.50	2.5
	256-QAM	1	1	18.72	18.77	18.78	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	23.25	23.30	23.35	24.00	0.0

5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				819	831.5	844		
Channel				163800	166300	168800		
10	Pi/2 BPSK	1	1	23.29	23.36	23.29	24.00	0.0

5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				163300	166300	169300		
5	Pi/2 BPSK	1	1	23.23	23.26	23.29	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	2310	2310		
Channel				462000	462000	462000		
10	Pi/2 BPSK	1	1		22.16		23.00	0.0
		1	26		22.09		23.00	0.0
		1	49		22.09		23.00	0.0
		25	0		21.70		22.50	0.5
		25	13		22.10		23.00	0.0
		25	26		21.70		22.50	0.5
		50	0		21.65		22.50	0.5
	QPSK	1	1		22.09		23.00	0.0
		1	26		22.15		23.00	0.0
		1	49		22.10		23.00	0.0
		25	0		21.13		22.00	1.0
		25	13		22.11		23.00	0.0
		25	26		21.08		22.00	1.0
		50	0		21.05		22.00	1.0
	16-QAM	1	1		21.09		22.00	1.0
	64QAM	1	1		19.68		20.50	2.5
	256-QAM	1	1		17.60		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	21.91	21.70	21.81	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)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	23.17	23.10	22.96	24.00	0.0
		1	53	23.02	22.98	22.77	24.00	0.0
		1	104	23.05	22.97	22.89	24.00	0.0
		50	0	22.65	22.60	22.35	23.50	0.5
		50	28	23.10	23.03	22.78	24.00	0.0
		50	56	22.65	22.51	22.42	23.50	0.5
		100	0	22.72	22.60	22.39	23.50	0.5
	QPSK	1	1	23.09	23.04	22.84	24.00	0.0
		1	53	23.02	22.99	22.86	24.00	0.0
		1	104	23.02	22.96	22.78	24.00	0.0
		50	0	22.00	22.00	21.88	23.00	1.0
		50	28	23.03	22.93	22.85	24.00	0.0
		50	56	22.05	21.96	21.85	23.00	1.0
		100	0	22.01	21.93	21.80	23.00	1.0
	16-QAM	1	1	22.05	21.97	21.85	23.00	1.0
	64QAM	1	1	20.50	20.49	20.36	21.50	2.5
	256-QAM	1	1	18.63	18.42	18.32	19.50	4.5

5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	23.00	22.99	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)				1715	1745	1775		
Channel				343000	349000	355000		
10	Pi/2 BPSK	1	1	23.05	22.96	22.75	24.00	0.0

5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				342500	349000	355500		
5	Pi/2 BPSK	1	1	23.06	22.95	22.80	24.00	0.0

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5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1702.5	1702.5	1702.5		
Channel				340500	340500	340500		
15	Pi/2 BPSK	1	1		23.99		24.00	0.0
		1	40		23.86		24.00	0.0
		1	77		23.93		24.00	0.0
		36	0		23.47		23.50	0.5
		36	22		23.83		24.00	0.0
		36	43		23.43		23.50	0.5
		75	0		23.40		23.50	0.5
	QPSK	1	1		23.85		24.00	0.0
		1	40		23.88		24.00	0.0
		1	77		23.88		24.00	0.0
		36	0		22.87		23.00	1.0
		36	22		23.85		24.00	0.0
		36	43		22.85		23.00	1.0
		75	0		22.82		23.00	1.0
	16-QAM	1	1		22.86		23.00	1.0
	64QAM	1	1		21.36		21.50	2.5
	256-QAM	1	1		19.33		19.50	4.5

5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1700	1702.5	1705		
Channel				340000	340500	341000		
10	Pi/2 BPSK	1	1	23.87	23.93	23.84	24.00	0.0

5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
Channel				339500	340500	341500		
5	Pi/2 BPSK	1	1	23.81	23.84	23.78	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	23.41	23.50	23.54	24.00	0.0
		1	53	23.34	23.39	23.40	24.00	0.0
		1	104	23.23	23.33	23.50	24.00	0.0
		50	0	22.93	23.02	23.02	23.50	0.5
		50	28	23.27	23.37	23.42	24.00	0.0
		50	56	22.93	23.01	23.05	23.50	0.5
		100	0	22.82	23.03	22.99	23.50	0.5
	QPSK	1	1	23.34	23.44	23.42	24.00	0.0
		1	53	23.30	23.43	23.39	24.00	0.0
		1	104	23.24	23.40	23.44	24.00	0.0
		50	0	22.23	22.38	22.46	23.00	1.0
		50	28	23.23	23.43	23.44	24.00	0.0
		50	56	22.29	22.36	22.43	23.00	1.0
		100	0	22.25	22.33	22.38	23.00	1.0
	16-QAM	1	1	22.29	22.37	22.43	23.00	1.0
	64QAM	1	1	20.86	20.93	20.92	21.50	2.5
	256-QAM	1	1	18.78	18.89	18.91	19.50	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	23.28	23.30	23.43	24.00	0.0

5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133600	136100	138600		
10	Pi/2 BPSK	1	1	23.32	23.38	23.47	24.00	0.0

5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	23.25	23.38	23.42	24.00	0.0

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Aux 2

5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				516000	519000	522000		
20	Pi/2 BPSK	1	1	23.68	23.71	23.66	24.00	0.0
		1	26	23.57	23.60	23.53	24.00	0.0
		1	49	23.55	23.64	23.57	24.00	0.0
		25	0	23.21	23.15	23.14	23.50	0.5
		25	13	23.55	23.57	23.54	24.00	0.0
		25	26	23.18	23.19	23.20	23.50	0.5
		50	0	23.19	23.25	23.17	23.50	0.5
	QPSK	1	1	23.58	23.61	23.56	24.00	0.0
		1	26	23.57	23.61	23.49	24.00	0.0
		1	49	23.60	23.66	23.53	24.00	0.0
		25	0	22.57	22.59	22.52	23.00	1.0
		25	13	23.53	23.51	23.54	24.00	0.0
		25	26	22.56	22.57	22.55	23.00	1.0
		50	0	22.52	22.54	22.50	23.00	1.0
	16-QAM	1	1	22.56	22.58	22.55	23.00	1.0
	64QAM	1	1	21.00	21.05	21.03	21.50	2.5
	256-QAM	1	1	19.05	19.15	19.10	19.50	4.5

5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.51	2595	2612.49		
Channel				515502	519000	522498		
15	Pi/2 BPSK	1	1	23.49	23.55	23.58	24.00	0.0

5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575.02	2595	2614.98		
Channel				515004	519000	522996		
10	Pi/2 BPSK	1	1	23.54	23.57	23.51	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	23.57	23.99	23.68	24.00	0.0
		1	137	23.38	23.87	23.65	24.00	0.0
		1	271	23.42	23.88	23.63	24.00	0.0
		135	0	23.10	23.44	23.10	23.50	0.5
		135	69	23.51	23.86	23.51	24.00	0.0
		135	138	23.03	23.43	23.11	23.50	0.5
		270	0	22.99	23.42	23.19	23.50	0.5
	QPSK	1	1	23.46	23.94	23.55	24.00	0.0
		1	137	23.46	23.94	23.56	24.00	0.0
		1	271	23.41	23.87	23.53	24.00	0.0
		135	0	22.45	22.86	22.57	23.00	1.0
		135	69	23.41	23.85	23.65	24.00	0.0
		135	138	22.45	22.85	22.57	23.00	1.0
		270	0	22.41	22.82	22.52	23.00	1.0
	16-QAM	1	1	22.45	22.86	22.57	23.00	1.0
	64QAM	1	1	20.95	21.36	21.13	21.50	2.5
	256-QAM	1	1	18.91	19.30	19.04	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	23.42	23.86	23.48	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	23.43	23.80	23.56	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	23.49	23.93	23.57	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)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	23.40	23.91	23.56	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	23.48	23.89	23.59	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	23.49	23.88	23.52	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	23.39	23.92	23.60	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	23.45	23.90	23.48	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	23.49	23.86	23.55	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)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	23.44	23.86	23.51	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	23.46	23.88	23.65	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	23.45	23.86	23.55	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	23.48	23.84	23.55	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	26.02	26.55	26.32	27.00	0.0
		1	137	25.96	26.44	26.18	27.00	0.0
		1	271	25.99	26.44	26.21	27.00	0.0
		135	0	25.51	25.97	25.80	26.50	0.5
		135	69	25.91	26.40	26.23	27.00	0.0
		135	138	25.42	26.08	25.81	26.50	0.5
		270	0	25.50	26.04	25.82	26.50	0.5
	QPSK	1	1	25.92	26.41	26.26	27.00	0.0
		1	137	25.89	26.42	26.20	27.00	0.0
		1	271	25.92	26.42	26.25	27.00	0.0
		135	0	24.85	25.41	25.15	26.00	1.0
		135	69	25.88	26.46	26.19	27.00	0.0
		135	138	24.90	25.41	25.21	26.00	1.0
		270	0	24.86	25.38	25.16	26.00	1.0
	16-QAM	1	1	24.90	25.42	25.21	26.00	1.0
	64QAM	1	1	23.42	24.01	23.67	24.50	2.5
	256-QAM	1	1	21.44	21.91	21.64	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	25.92	26.41	26.24	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	25.88	26.46	26.22	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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	25.82	26.41	26.23	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)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	23.46	23.90	23.62	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	23.46	23.89	23.62	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	Pi/2 BPSK	1	1	23.42	23.90	23.51	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	23.42	23.89	23.48	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	23.39	23.91	23.51	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	23.45	23.87	23.57	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)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	23.49	23.86	23.54	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	23.43	23.89	23.53	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.45	23.91	23.49	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.47	23.91	23.55	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	21.52	21.82	21.99	22.00	0.0
		1	53	21.40	21.65	21.81	22.00	0.0
		1	104	21.35	21.73	21.89	22.00	0.0
		50	0	20.97	21.31	21.48	21.50	0.5
		50	28	21.45	21.77	21.80	22.00	0.0
		50	56	20.92	21.32	21.40	21.50	0.5
		100	0	20.97	21.31	21.46	21.50	0.5
	QPSK	1	1	21.40	21.76	21.83	22.00	0.0
		1	53	21.36	21.71	21.89	22.00	0.0
		1	104	21.41	21.65	21.90	22.00	0.0
		50	0	20.41	20.64	20.79	21.00	1.0
		50	28	21.33	21.71	21.87	22.00	0.0
		50	56	20.40	20.68	20.88	21.00	1.0
		100	0	20.36	20.65	20.83	21.00	1.0
	16-QAM	1	1	20.40	20.69	20.88	21.00	1.0
	64QAM	1	1	18.82	19.25	19.35	19.50	2.5
	256-QAM	1	1	16.86	17.21	17.39	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	21.33	21.74	21.88	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	21.37	21.63	21.89	22.00	0.0

5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	21.43	21.74	21.86	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)				3555	3625.02	3694.98		
Channel				637000	641668	646332		
10	Pi/2 BPSK	1	1	21.31	21.70	21.91	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	21.47	21.61	21.84	22.00	0.0

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5G NR n77_PC3_30kHz_Part3										
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	23.99	23.60	23.71	23.87	23.57	24.00	0.0
		1	137	23.91	23.49	23.66	23.80	23.49	24.00	0.0
		1	271	23.88	23.53	23.55	23.84	23.43	24.00	0.0
		135	0	23.43	23.10	23.16	23.33	22.97	23.50	0.5
		135	69	23.86	23.48	23.55	23.75	23.43	24.00	0.0
		135	138	23.44	23.05	23.20	23.34	23.06	23.50	0.5
		270	0	23.49	23.11	23.27	23.39	23.07	23.50	0.5
	QPSK	1	1	23.87	23.56	23.61	23.70	23.36	24.00	0.0
		1	137	23.80	23.53	23.57	23.71	23.40	24.00	0.0
		1	271	23.88	23.53	23.61	23.70	23.46	24.00	0.0
		135	0	22.91	22.39	22.59	22.74	22.41	23.00	1.0
		135	69	23.88	23.54	23.65	23.80	23.43	24.00	0.0
		135	138	22.87	22.46	22.60	22.75	22.43	23.00	1.0
		270	0	22.83	22.43	22.55	22.71	22.40	23.00	1.0
	16-QAM	1	1	22.87	22.47	22.60	22.75	22.44	23.00	1.0
	64QAM	1	1	21.40	20.89	21.11	21.25	20.87	21.50	2.5
	256-QAM	1	1	19.36	18.99	19.01	19.21	19.00	19.50	4.5

5G NR n77_PC3_30kHz_Part3										
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	23.83	23.53	23.62	23.76	23.48	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
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	23.88	23.54	23.61	23.75	23.54	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
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	23.87	23.49	23.63	23.71	23.46	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
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	23.82	23.47	23.59	23.71	23.38	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
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	23.92	23.52	23.60	23.79	23.48	24.00	0.0

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5G NR n77_PC3_30kHz_Part3										
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	23.88	23.47	23.57	23.75	23.54	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
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			23.65			24.00	0.0

5G NR n77_PC3_30kHz_Part3										
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			23.61			24.00	0.0

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5G NR n77_PC2_30kHz_Part3										
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	26.99	26.42	26.55	26.66	26.43	27.00	0.0
		1	137	26.89	26.28	26.47	26.63	26.39	27.00	0.0
		1	271	26.88	26.26	26.49	26.47	26.36	27.00	0.0
		135	0	26.47	25.84	25.98	26.16	25.86	26.50	0.5
		135	69	26.87	26.30	26.45	26.61	26.36	27.00	0.0
		135	138	26.41	25.97	26.06	26.21	25.92	26.50	0.5
		270	0	26.44	25.91	26.02	26.14	25.94	26.50	0.5
	QPSK	1	1	26.86	26.28	26.42	26.63	26.26	27.00	0.0
		1	137	26.85	26.36	26.36	26.54	26.26	27.00	0.0
		1	271	26.83	26.31	26.44	26.57	26.39	27.00	0.0
		135	0	25.80	25.26	25.52	25.48	25.26	26.00	1.0
		135	69	26.80	26.31	26.48	26.54	26.30	27.00	0.0
		135	138	25.87	25.28	25.44	25.54	25.29	26.00	1.0
		270	0	25.83	25.25	25.39	25.50	25.26	26.00	1.0
	16-QAM	1	1	25.87	25.29	25.44	25.54	25.30	26.00	1.0
	64QAM	1	1	24.44	23.81	23.94	23.96	23.76	24.50	2.5
	256-QAM	1	1	22.41	21.77	21.93	22.06	21.75	22.50	4.5

5G NR n77_PC2_30kHz_Part3										
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	26.81	26.31	26.46	26.62	26.27	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
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	26.84	26.33	26.42	26.54	26.31	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
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	26.86	26.34	26.44	26.51	26.30	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
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	26.88	26.33	26.37	26.53	26.34	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
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	26.91	26.28	26.43	26.54	26.32	27.00	0.0

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5G NR n77_PC2_30kHz_Part3										
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	26.89	26.36	26.39	26.56	26.25	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
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			26.45			27.00	0.0

5G NR n77_PC2_30kHz_Part3										
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			26.38			27.00	0.0

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5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01	3537.51	3575.01	3612.51	3650.01		
Channel				633334	635834	638334	640834	643334		
100	Pi/2 BPSK	1	1	21.52	21.88	21.54	21.36	21.56	22.00	0.0
		1	137	21.42	21.69	21.39	21.31	21.41	22.00	0.0
		1	271	21.39	21.78	21.41	21.18	21.41	22.00	0.0
		135	0	20.95	21.30	21.05	20.86	21.07	21.50	0.5
		135	69	21.43	21.81	21.42	21.24	21.47	22.00	0.0
		135	138	21.05	21.34	21.10	20.88	21.01	21.50	0.5
		270	0	20.94	21.34	20.97	20.89	21.00	21.50	0.5
	QPSK	1	1	21.43	21.76	21.39	21.20	21.47	22.00	0.0
		1	137	21.35	21.77	21.50	21.22	21.41	22.00	0.0
		1	271	21.40	21.82	21.40	21.27	21.46	22.00	0.0
		135	0	20.42	20.81	20.47	20.24	20.50	21.00	1.0
		135	69	21.37	21.71	21.41	21.19	21.39	22.00	0.0
		135	138	20.40	20.74	20.43	20.24	20.42	21.00	1.0
		270	0	20.36	20.71	20.38	20.20	20.39	21.00	1.0
	16-QAM	1	1	20.40	20.75	20.43	20.24	20.43	21.00	1.0
	64QAM	1	1	18.86	19.31	18.86	18.74	18.96	19.50	2.5
	256-QAM	1	1	16.90	17.24	16.88	16.80	16.96	17.50	4.5

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3535.005	3575.01	3615.015	3655.02		
Channel				633000	635667	638334	641001	643668		
90	Pi/2 BPSK	1	1	21.39	21.71	21.41	21.22	21.44	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.02	3532.515	3575.01	3617.505	3660		
Channel				632668	635501	638334	641167	644000		
80	Pi/2 BPSK	1	1	21.46	21.77	21.40	21.32	21.41	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3527.505	3575.01	3622.515	3670.02		
Channel				632000	635167	638334	641501	644668		
60	Pi/2 BPSK	1	1	21.36	21.76	21.47	21.22	21.47	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.02	3525.015	3575.01	3625.005	3675		
Channel				631668	635001	638334	641667	645000		
50	Pi/2 BPSK	1	1	21.39	21.68	21.44	21.19	21.40	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3522.51	3575.01	3627.51	3680.01		
Channel				631334	634834	638334	641834	645334		
40	Pi/2 BPSK	1	1	21.32	21.75	21.43	21.26	21.52	22.00	0.0

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5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.02	3517.515	3575.01	3632.505	3690		
Channel				630668	634501	638334	642167	646000		
20	Pi/2 BPSK	1	1	21.40	21.76	21.39	21.23	21.44	22.00	0.0

5G NR n77 & n78_PC3_30kHz_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	3516.255	3575.01	3633.765	3692.52		
Channel				630500	634417	638334	642251	646168		
15	Pi/2 BPSK	1	1	21.43	21.80	21.40	21.23	21.46	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3515.01	3575.01	3635.01	3695.01		
Channel				630334	634334	638334	642334	646334		
10	Pi/2 BPSK	1	1	21.37	21.78	21.47	21.18	21.45	22.00	0.0

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5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		23.99		24.00	0.0
		1	137		23.91		24.00	0.0
		1	271		23.88		24.00	0.0
		135	0		23.47		23.50	0.5
		135	69		23.79		24.00	0.0
		135	138		23.41		23.50	0.5
		270	0		23.47		23.50	0.5
	QPSK	1	1		23.81		24.00	0.0
		1	137		23.89		24.00	0.0
		1	271		23.92		24.00	0.0
		135	0		22.85		23.00	1.0
		135	69		23.88		24.00	0.0
		135	138		22.85		23.00	1.0
		270	0		22.82		23.00	1.0
	16-QAM	1	1		22.86		23.00	1.0
	64QAM	1	1		21.32		21.50	2.5
	256-QAM	1	1		19.33		19.50	4.5

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	Pi/2 BPSK	1	1	23.86	23.96	23.74	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	23.90	23.93	23.74	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	Pi/2 BPSK	1	1	23.81	23.79	23.79	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	23.79	23.83	23.78	24.00	0.0

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5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	645000	652000		
40	Pi/2 BPSK	1	1	23.73	23.90	23.79	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	Pi/2 BPSK	1	1	23.82	23.85	23.73	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	23.83	23.94	23.67	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	Pi/2 BPSK	1	1	23.83	23.92	23.76	24.00	0.0

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5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		26.99		27.00	0.0
		1	137		26.88		27.00	0.0
		1	271		26.90		27.00	0.0
		135	0		26.45		26.50	0.5
		135	69		26.87		27.00	0.0
		135	138		26.43		26.50	0.5
		270	0		26.41		26.50	0.5
	QPSK	1	1		26.90		27.00	0.0
		1	137		26.93		27.00	0.0
		1	271		26.90		27.00	0.0
		135	0		25.88		26.00	1.0
		135	69		26.90		27.00	0.0
		135	138		25.85		26.00	1.0
		270	0		25.82		26.00	1.0
	16-QAM	1	1		25.86		26.00	1.0
	64QAM	1	1		24.38		24.50	2.5
	256-QAM	1	1		22.32		22.50	4.5

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	Pi/2 BPSK	1	1	26.82	26.93	26.57	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	26.74	26.91	26.54	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	Pi/2 BPSK	1	1	26.81	26.92	26.56	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	26.82	26.84	26.62	27.00	0.0

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5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	26.80	26.86	26.54	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	26.80	26.84	26.60	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	26.70	26.88	26.61	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	26.77	26.93	26.64	27.00	0.0

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Main

5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				516000	519000	522000		
20	Pi/2 BPSK	1	1	23.60	23.57	23.51	24.00	0.0
		1	26	23.49	23.52	23.42	24.00	0.0
		1	49	23.52	23.44	23.36	24.00	0.0
		25	0	23.04	23.04	22.97	23.50	0.5
		25	13	23.44	23.42	23.32	24.00	0.0
		25	26	23.08	22.98	22.92	23.50	0.5
		50	0	23.08	22.96	22.98	23.50	0.5
	QPSK	1	1	23.52	23.44	23.37	24.00	0.0
		1	26	23.44	23.49	23.43	24.00	0.0
		1	49	23.49	23.44	23.44	24.00	0.0
		25	0	22.44	22.47	22.38	23.00	1.0
		25	13	23.42	23.50	23.41	24.00	0.0
		25	26	22.48	22.43	22.40	23.00	1.0
		50	0	22.44	22.40	22.35	23.00	1.0
	16-QAM	1	1	22.48	22.44	22.40	23.00	1.0
	64QAM	1	1	20.95	20.91	20.82	21.50	2.5
	256-QAM	1	1	18.97	18.89	18.88	19.50	4.5

5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.51	2595	2612.49		
Channel				515502	519000	522498		
15	Pi/2 BPSK	1	1	23.44	23.42	23.35	24.00	0.0

5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575.02	2595	2614.98		
Channel				515004	519000	522996		
10	Pi/2 BPSK	1	1	23.49	23.41	23.41	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	23.10	23.85	23.37	24.00	0.0
		1	137	23.00	23.70	23.30	24.00	0.0
		1	271	23.02	23.75	23.28	24.00	0.0
		135	0	22.56	23.32	22.83	23.50	0.5
		135	69	22.96	23.69	23.19	24.00	0.0
		135	138	22.61	23.31	22.87	23.50	0.5
		270	0	22.60	23.26	22.88	23.50	0.5
	QPSK	1	1	22.91	23.72	23.24	24.00	0.0
		1	137	23.02	23.78	23.16	24.00	0.0
		1	271	22.98	23.67	23.31	24.00	0.0
		135	0	21.96	22.74	22.21	23.00	1.0
		135	69	22.96	23.70	23.27	24.00	0.0
		135	138	21.98	22.71	22.26	23.00	1.0
		270	0	21.94	22.68	22.21	23.00	1.0
	16-QAM	1	1	21.98	22.72	22.26	23.00	1.0
	64QAM	1	1	20.52	21.20	20.76	21.50	2.5
	256-QAM	1	1	18.48	19.15	18.71	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	22.98	23.71	23.22	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	22.93	23.74	23.28	24.00	0.0

5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	22.97	23.82	23.22	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)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	23.03	23.75	23.17	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	23.01	23.71	23.20	24.00	0.0

5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	Pi/2 BPSK	1	1	23.00	23.75	23.24	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	22.99	23.72	23.31	24.00	0.0

5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	22.90	23.76	23.32	24.00	0.0

5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	22.99	23.68	23.20	24.00	0.0

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5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	22.92	23.75	23.21	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	22.92	23.73	23.26	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	23.02	23.65	23.30	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	23.05	23.75	23.22	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	25.95	26.75	26.46	27.00	0.0
		1	137	25.80	26.69	26.32	27.00	0.0
		1	271	25.82	26.57	26.34	27.00	0.0
		135	0	25.35	26.31	25.93	26.50	0.5
		135	69	25.82	26.63	26.30	27.00	0.0
		135	138	25.42	26.22	25.93	26.50	0.5
		270	0	25.44	26.18	25.94	26.50	0.5
	QPSK	1	1	25.83	26.64	26.32	27.00	0.0
		1	137	25.75	26.57	26.37	27.00	0.0
		1	271	25.85	26.60	26.27	27.00	0.0
		135	0	24.89	25.64	25.33	26.00	1.0
		135	69	25.82	26.67	26.32	27.00	0.0
		135	138	24.83	25.61	25.35	26.00	1.0
		270	0	24.79	25.58	25.30	26.00	1.0
	16-QAM	1	1	24.83	25.62	25.35	26.00	1.0
	64QAM	1	1	23.33	24.20	23.89	24.50	2.5
	256-QAM	1	1	21.40	22.12	21.90	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	25.76	26.65	26.34	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	25.88	26.60	26.34	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)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	25.79	26.69	26.34	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)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	22.93	23.72	23.25	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	23.04	23.69	23.21	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	Pi/2 BPSK	1	1	23.00	23.73	23.34	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	22.91	23.67	23.26	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	22.94	23.68	23.29	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	22.93	23.69	23.17	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)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	23.02	23.69	23.26	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	22.94	23.69	23.23	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	22.92	23.78	23.27	24.00	0.0

5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	22.94	23.74	23.27	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	21.67	21.70	21.99	22.00	0.0
		1	53	21.53	21.53	21.86	22.00	0.0
		1	104	21.59	21.54	21.88	22.00	0.0
		50	0	21.14	21.22	21.41	21.50	0.5
		50	28	21.49	21.65	21.88	22.00	0.0
		50	56	21.12	21.24	21.47	21.50	0.5
		100	0	21.19	21.15	21.42	21.50	0.5
	QPSK	1	1	21.55	21.54	21.82	22.00	0.0
		1	53	21.48	21.66	21.86	22.00	0.0
		1	104	21.55	21.56	21.80	22.00	0.0
		50	0	20.63	20.56	20.85	21.00	1.0
		50	28	21.57	21.61	21.95	22.00	0.0
		50	56	20.55	20.56	20.88	21.00	1.0
		100	0	20.51	20.53	20.83	21.00	1.0
	16-QAM	1	1	20.55	20.57	20.88	21.00	1.0
	64QAM	1	1	18.96	19.07	19.35	19.50	2.5
	256-QAM	1	1	17.10	17.04	17.42	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	21.60	21.61	21.88	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	21.49	21.49	21.87	22.00	0.0

5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	21.52	21.59	21.88	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)				3555	3625.02	3694.98		
Channel				637000	641668	646332		
10	Pi/2 BPSK	1	1	21.58	21.57	21.90	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	21.56	21.56	21.89	22.00	0.0

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5G NR n77_PC3_30kHz_Part3										
(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	23.80	23.41	23.61	23.53	23.45	24.00	0.0
		1	137	23.68	23.35	23.45	23.39	23.34	24.00	0.0
		1	271	23.59	23.35	23.44	23.46	23.39	24.00	0.0
		135	0	23.28	22.97	23.07	22.99	22.94	23.50	0.5
		135	69	23.68	23.24	23.43	23.49	23.31	24.00	0.0
		135	138	23.35	22.85	23.07	23.03	22.94	23.50	0.5
		270	0	23.20	22.95	23.10	23.09	22.94	23.50	0.5
	QPSK	1	1	23.71	23.29	23.56	23.44	23.36	24.00	0.0
		1	137	23.70	23.32	23.52	23.42	23.31	24.00	0.0
		1	271	23.59	23.33	23.54	23.40	23.37	24.00	0.0
		135	0	22.77	22.35	22.47	22.43	22.36	23.00	1.0
		135	69	23.66	23.27	23.54	23.37	23.36	24.00	0.0
		135	138	22.68	22.27	22.50	22.41	22.31	23.00	1.0
		270	0	22.64	22.24	22.45	22.37	22.28	23.00	1.0
	16-QAM	1	1	22.68	22.28	22.50	22.41	22.32	23.00	1.0
	64QAM	1	1	21.22	20.82	21.01	20.98	20.86	21.50	2.5
	256-QAM	1	1	19.13	18.83	18.98	18.88	18.85	19.50	4.5

5G NR n77_PC3_30kHz_Part3										
(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	23.66	23.23	23.46	23.39	23.26	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
(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	23.68	23.32	23.56	23.43	23.29	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
(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	23.72	23.24	23.46	23.42	23.29	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
(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	23.69	23.35	23.47	23.35	23.25	24.00	0.0

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5G NR n77_PC3_30kHz_Part3										
(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	23.63	23.30	23.52	23.37	23.31	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
(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	23.65	23.32	23.49	23.43	23.29	24.00	0.0

5G NR n77_PC3_30kHz_Part3										
(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			23.50			24.00	0.0

5G NR n77_PC3_30kHz_Part3										
(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			23.54			24.00	0.0

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5G NR n77_PC2_30kHz_Part3										
W(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	26.87	26.47	26.58	26.68	26.55	27.00	0.0
		1	137	26.68	26.34	26.46	26.52	26.45	27.00	0.0
		1	271	26.76	26.32	26.50	26.61	26.38	27.00	0.0
		135	0	26.35	25.87	26.04	26.07	26.02	26.50	0.5
		135	69	26.73	26.32	26.48	26.57	26.38	27.00	0.0
		135	138	26.31	26.00	26.12	26.14	26.03	26.50	0.5
		270	0	26.36	25.94	26.01	26.19	26.10	26.50	0.5
	QPSK	1	1	26.73	26.36	26.49	26.52	26.43	27.00	0.0
		1	137	26.76	26.34	26.39	26.51	26.48	27.00	0.0
		1	271	26.80	26.34	26.45	26.60	26.41	27.00	0.0
		135	0	25.74	25.37	25.44	25.55	25.45	26.00	1.0
		135	69	26.72	26.36	26.43	26.56	26.38	27.00	0.0
		135	138	25.75	25.33	25.47	25.56	25.41	26.00	1.0
		270	0	25.71	25.30	25.42	25.52	25.38	26.00	1.0
	16-QAM	1	1	25.75	25.34	25.47	25.56	25.42	26.00	1.0
	64QAM	1	1	24.32	23.90	23.97	23.99	23.88	24.50	2.5
	256-QAM	1	1	22.21	21.85	21.96	22.06	21.92	22.50	4.5

5G NR n77_PC2_30kHz_Part3										
W(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	26.67	26.40	26.50	26.52	26.43	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
W(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	26.76	26.26	26.42	26.60	26.43	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
W(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	26.76	26.40	26.49	26.59	26.35	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
W(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	26.77	26.38	26.48	26.58	26.42	27.00	0.0

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5G NR n77_PC2_30kHz_Part3										
N(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	26.81	26.30	26.47	26.56	26.45	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
N(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	26.77	26.34	26.43	26.58	26.42	27.00	0.0

5G NR n77_PC2_30kHz_Part3										
N(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_Part3										
N(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_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01	3537.51	3575.01	3612.51	3650.01		
Channel				633334	635834	638334	640834	643334		
100	Pi/2 BPSK	1	1	21.70	21.99	21.92	21.81	21.78	22.00	0.0
		1	137	21.51	21.87	21.80	21.71	21.73	22.00	0.0
		1	271	21.61	21.96	21.83	21.76	21.66	22.00	0.0
		135	0	21.16	21.49	21.41	21.29	21.24	21.50	0.5
		135	69	21.62	21.84	21.83	21.70	21.63	22.00	0.0
		135	138	21.19	21.43	21.37	21.26	21.28	21.50	0.5
		270	0	21.24	21.48	21.39	21.29	21.20	21.50	0.5
	QPSK	1	1	21.54	21.90	21.79	21.70	21.67	22.00	0.0
		1	137	21.55	21.94	21.81	21.75	21.60	22.00	0.0
		1	271	21.62	21.93	21.85	21.74	21.64	22.00	0.0
		135	0	20.60	20.81	20.81	20.73	20.68	21.00	1.0
		135	69	21.62	21.90	21.87	21.66	21.69	22.00	0.0
		135	138	20.58	20.85	20.81	20.69	20.64	21.00	1.0
		270	0	20.54	20.82	20.76	20.65	20.61	21.00	1.0
	16-QAM	1	1	20.58	20.86	20.81	20.69	20.65	21.00	1.0
	64QAM	1	1	19.09	19.37	19.30	19.25	19.17	19.50	2.5
	256-QAM	1	1	17.10	17.36	17.33	17.18	17.17	17.50	4.5

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3535.005	3575.01	3615.015	3655.02		
Channel				633000	635667	638334	641001	643668		
90	Pi/2 BPSK	1	1	21.56	21.81	21.78	21.68	21.65	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.02	3532.515	3575.01	3617.505	3660		
Channel				632668	635501	638334	641167	644000		
80	Pi/2 BPSK	1	1	21.66	21.81	21.78	21.65	21.68	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3527.505	3575.01	3622.515	3670.02		
Channel				632000	635167	638334	641501	644668		
60	Pi/2 BPSK	1	1	21.59	21.84	21.88	21.69	21.59	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.02	3525.015	3575.01	3625.005	3675		
Channel				631668	635001	638334	641667	645000		
50	Pi/2 BPSK	1	1	21.59	21.79	21.80	21.74	21.64	22.00	0.0

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5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3522.51	3575.01	3627.51	3680.01		
Channel				631334	634834	638334	641834	645334		
40	Pi/2 BPSK	1	1	21.56	21.87	21.83	21.68	21.63	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.02	3517.515	3575.01	3632.505	3690		
Channel				630668	634501	638334	642167	646000		
20	Pi/2 BPSK	1	1	21.59	21.86	21.76	21.65	21.68	22.00	0.0

5G NR n77 & n78_PC3_30kHz_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	3516.255	3575.01	3633.765	3692.52		
Channel				630500	634417	638334	642251	646168		
15	Pi/2 BPSK	1	1	21.55	21.85	21.82	21.67	21.66	22.00	0.0

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3515.01	3575.01	3635.01	3695.01		
Channel				630334	634334	638334	642334	646334		
10	Pi/2 BPSK	1	1	21.65	21.88	21.72	21.74	21.61	22.00	0.0

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5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		23.72		24.00	0.0
		1	137		23.53		24.00	0.0
		1	271		23.64		24.00	0.0
		135	0		23.18		23.50	0.5
		135	69		23.66		24.00	0.0
		135	138		23.16		23.50	0.5
		270	0		23.19		23.50	0.5
	QPSK	1	1		23.62		24.00	0.0
		1	137		23.58		24.00	0.0
		1	271		23.63		24.00	0.0
		135	0		22.64		23.00	1.0
		135	69		23.56		24.00	0.0
		135	138		22.58		23.00	1.0
		270	0		22.55		23.00	1.0
	16-QAM	1	1		22.59		23.00	1.0
	64QAM	1	1		21.07		21.50	2.5
	256-QAM	1	1		19.13		19.50	4.5

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	Pi/2 BPSK	1	1	23.30	23.65	23.42	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	23.29	23.60	23.43	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	Pi/2 BPSK	1	1	23.40	23.68	23.48	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	23.32	23.55	23.48	24.00	0.0

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5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	645000	652000		
40	Pi/2 BPSK	1	1	23.31	23.54	23.48	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	Pi/2 BPSK	1	1	23.35	23.55	23.43	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	23.41	23.53	23.51	24.00	0.0

5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	Pi/2 BPSK	1	1	23.30	23.58	23.48	24.00	0.0

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5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		26.78		27.00	0.0
		1	137		26.64		27.00	0.0
		1	271		26.75		27.00	0.0
		135	0		26.21		26.50	0.5
		135	69		26.70		27.00	0.0
		135	138		26.25		26.50	0.5
		270	0		26.32		26.50	0.5
	QPSK	1	1		26.66		27.00	0.0
		1	137		26.65		27.00	0.0
		1	271		26.61		27.00	0.0
		135	0		25.71		26.00	1.0
		135	69		26.71		27.00	0.0
		135	138		25.64		26.00	1.0
		270	0		25.61		26.00	1.0
	16-QAM	1	1		25.65		26.00	1.0
	64QAM	1	1		24.09		24.50	2.5
	256-QAM	1	1		22.09		22.50	4.5

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	Pi/2 BPSK	1	1	26.37	26.68	26.54	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	26.42	26.68	26.51	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	Pi/2 BPSK	1	1	26.37	26.63	26.44	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	26.37	26.73	26.52	27.00	0.0

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5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	26.37	26.72	26.43	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	26.39	26.64	26.54	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	26.44	26.68	26.50	27.00	0.0

5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	26.37	26.60	26.51	27.00	0.0

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5.9 NR ULMIMO

Aux 2

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	CP-OFDM QPSK	1	0	22.11	22.50	22.21	22.50	1.5
		1	137	21.92	22.43	22.18	22.50	1.5
		1	272	22.01	22.45	22.13	22.50	1.5
		135	0	21.62	21.95	21.69	22.50	1.5
		137	68	22.01	22.41	22.05	22.50	1.5
		135	138	21.58	22.01	21.69	22.50	1.5
		273	0	20.05	20.47	20.22	21.00	3.0
	16-QAM	1	1	21.62	21.92	21.76	22.00	2.0
	64QAM	1	1	20.17	20.48	20.23	20.50	3.5
	256-QAM	1	1	17.08	17.43	17.18	17.50	6.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	CP-OFDM QPSK	1	1	22.10	22.49	22.20	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	CP-OFDM QPSK	1	1	22.01	22.43	22.13	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	CP-OFDM QPSK	1	1	22.01	22.39	22.08	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	CP-OFDM QPSK	1	1	22.01	22.37	22.02	22.50	1.5

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5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	CP-OFDM QPSK	1	1	21.97	22.30	21.95	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	CP-OFDM QPSK	1	1	21.91	22.22	21.86	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	CP-OFDM QPSK	1	1	21.83	22.18	21.76	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	CP-OFDM QPSK	1	1	21.83	22.17	21.76	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	CP-OFDM QPSK	1	1	21.74	22.16	21.72	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	CP-OFDM QPSK	1	1	21.68	22.07	21.69	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	CP-OFDM QPSK	1	1	21.64	22.03	21.64	22.50	1.5

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5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	CP-OFDM QPSK	1	1	21.61	21.98	21.62	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	21.55	21.98	21.57	22.50	1.5

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5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	CP-OFDM QPSK	1	0	24.60	25.11	24.82	25.50	1.5
		1	137	24.48	24.94	24.75	25.50	1.5
		1	272	24.58	24.96	24.71	25.50	1.5
		135	0	24.09	24.55	24.40	25.50	1.5
		137	68	24.46	24.94	24.83	25.50	1.5
		135	138	24.00	24.68	24.38	25.50	1.5
		273	0	22.55	23.09	22.91	24.00	3.0
	16-QAM	1	1	24.05	24.59	24.34	25.00	2.0
	64QAM	1	1	22.59	23.05	22.89	23.50	3.5
	256-QAM	1	1	19.53	20.13	19.87	20.50	6.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	CP-OFDM QPSK	1	1	24.57	25.08	24.79	25.50	1.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	CP-OFDM QPSK	1	1	24.51	25.07	24.74	25.50	1.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	CP-OFDM QPSK	1	1	24.42	25.01	24.74	25.50	1.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	CP-OFDM QPSK	1	1	24.40	25.00	24.74	25.50	1.5

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5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	CP-OFDM QPSK	1	1	24.31	24.91	24.67	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	CP-OFDM QPSK	1	1	24.30	24.83	24.67	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	CP-OFDM QPSK	1	1	24.21	24.82	24.64	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	CP-OFDM QPSK	1	1	24.14	24.80	24.56	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	CP-OFDM QPSK	1	1	24.04	24.71	24.54	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	CP-OFDM QPSK	1	1	24.00	24.62	24.54	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	CP-OFDM QPSK	1	1	23.97	24.62	24.49	25.50	1.5

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5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	CP-OFDM QPSK	1	1	23.89	24.54	24.40	25.50	1.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	23.89	24.54	24.34	25.50	1.5

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5G NR n77_PC3_30kHz_Part3_ULMIMO										
MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930		
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	0	22.49	22.10	22.23	22.42	22.07	22.50	1.5
		1	137	22.45	22.02	22.22	22.33	22.04	22.50	1.5
		1	272	22.43	22.08	22.11	22.44	21.95	22.50	1.5
		135	0	21.98	21.61	21.68	21.91	21.52	22.50	1.5
		137	68	22.43	22.02	22.15	22.25	21.98	22.50	1.5
		135	138	21.97	21.62	21.71	21.88	21.59	22.50	1.5
		273	0	20.50	20.17	20.30	20.48	20.09	21.00	3.0
	16-QAM	1	1	21.92	21.65	21.71	21.96	21.64	22.00	2.0
	64QAM	1	1	20.45	20.18	20.21	20.47	20.13	20.50	3.5
	256-QAM	1	1	17.49	17.13	17.23	17.38	17.17	17.50	6.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
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		
)0	CP-OFDM QPSK	1	1	22.46	22.08	22.17	22.33	22.04	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
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		
)0	CP-OFDM QPSK	1	1	22.44	22.01	22.14	22.24	21.99	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
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		
)0	CP-OFDM QPSK	1	1	22.43	21.95	22.13	22.20	21.99	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
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		
)0	CP-OFDM QPSK	1	1	22.35	21.90	22.05	22.18	21.90	22.50	1.5

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5G NR n77_PC3_30kHz_Part3_ULMIMO										
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		
0	CP-OFDM QPSK	1	1	22.32	21.82	21.95	22.14	21.85	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
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		
0	CP-OFDM QPSK	1	1	22.32	21.73	21.88	22.08	21.82	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
.5	CP-OFDM QPSK	1	1			21.87			22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
.0	CP-OFDM QPSK	1	1			21.86			22.50	1.5

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5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930		
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	0	25.49	24.94	25.12	25.19	24.99	25.50	1.5
		1	137	25.43	24.86	25.02	25.15	24.96	25.50	1.5
		1	272	25.45	24.83	25.09	25.05	24.93	25.50	1.5
		135	0	25.02	24.41	24.52	24.73	24.40	25.50	1.5
		137	68	25.46	24.85	25.02	25.17	24.86	25.50	1.5
		135	138	24.94	24.53	24.62	24.71	24.45	25.50	1.5
		273	0	23.45	22.96	23.08	23.14	22.99	24.00	3.0
	16-QAM	1	1	25.00	24.46	24.56	24.71	24.47	25.00	2.0
	64QAM	1	1	23.50	23.01	23.14	23.22	23.02	23.50	3.5
	256-QAM	1	1	20.50	19.95	20.10	20.17	19.98	20.50	6.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	25.48	24.94	25.11	25.12	24.93	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	25.47	24.86	25.09	25.08	24.84	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	25.48	24.78	25.08	25.07	24.77	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	25.44	24.78	25.02	25.06	24.67	25.50	1.5

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5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	25.42	24.76	24.94	25.03	24.61	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	25.39	24.74	24.88	24.93	24.53	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
15	CP-OFDM QPSK	1	1			24.84			25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
10	CP-OFDM QPSK	1	1			24.84			25.50	1.5

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5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01	3537.51	3575.01	3612.51	3650.01		
Channel				633334	635834	638334	640834	643334		
100	CP-OFDM QPSK	1	0	20.09	20.38	20.05	19.95	20.09	20.50	1.5
		1	137	20.01	20.26	19.93	19.89	19.91	20.50	1.5
		1	272	19.92	20.34	19.96	19.69	19.93	20.50	1.5
		135	0	19.50	19.82	19.60	19.44	19.57	20.50	1.5
		137	68	19.96	20.33	19.95	19.82	19.99	20.50	1.5
		135	138	19.55	19.88	19.64	19.48	19.55	20.50	1.5
		273	0	18.01	18.36	17.99	17.93	18.02	19.00	3.0
	16-QAM	1	1	19.59	19.97	19.54	19.39	19.62	20.00	2.0
	64QAM	1	1	18.10	18.46	18.12	17.88	18.15	18.50	3.5
	256-QAM	1	1	15.05	15.47	15.04	14.89	15.11	15.50	6.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3535.005	3575.01	3615.015	3655.02		
Channel				633000	635667	638334	641001	643668		
90	CP-OFDM QPSK	1	1	20.09	20.37	20.04	19.85	20.08	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.02	3532.515	3575.01	3617.505	3660		
Channel				632668	635501	638334	641167	644000		
80	CP-OFDM QPSK	1	1	20.01	20.30	19.98	19.84	20.04	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3527.505	3575.01	3622.515	3670.02		
Channel				632000	635167	638334	641501	644668		
60	CP-OFDM QPSK	1	1	19.99	20.22	19.97	19.78	20.04	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.02	3525.015	3575.01	3625.005	3675		
Channel				631668	635001	638334	641667	645000		
50	CP-OFDM QPSK	1	1	19.99	20.12	19.87	19.75	19.98	20.50	1.5

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5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3522.51	3575.01	3627.51	3680.01		
Channel				631334	634834	638334	641834	645334		
40	CP-OFDM QPSK	1	1	19.96	20.11	19.86	19.72	19.98	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.02	3517.515	3575.01	3632.505	3690		
Channel				630668	634501	638334	642167	646000		
20	CP-OFDM QPSK	1	1	19.96	20.04	19.83	19.62	19.89	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3516.255	3575.01	3633.765	3692.52		
Channel				630500	634417	638334	642251	646168		
15	CP-OFDM QPSK	1	1	19.96	19.98	19.83	19.57	19.81	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3515.01	3575.01	3635.01	3695.01		
Channel				630334	634334	638334	642334	646334		
10	CP-OFDM QPSK	1	1	19.89	19.92	19.79	19.57	19.76	20.50	1.5

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5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	CP-OFDM QPSK	1	0		22.50		22.50	1.5
		1	137		22.42		22.50	1.5
		1	272		22.45		22.50	1.5
		135	0		21.97		22.50	1.5
		137	68		22.39		22.50	1.5
		135	138		22.00		22.50	1.5
		273	0		20.49		21.00	3.0
	16-QAM	1	1		22.00		22.00	2.0
	64QAM	1	1		20.45		20.50	3.5
	256-QAM	1	1		17.43		17.50	6.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	CP-OFDM QPSK	1	1	22.41	22.50	22.48	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	22.38	22.49	22.46	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	CP-OFDM QPSK	1	1	22.32	22.44	22.36	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	22.27	22.43	22.26	22.50	1.5

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5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	645000	652000		
40	CP-OFDM QPSK	1	1	22.24	22.40	22.16	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	CP-OFDM QPSK	1	1	22.23	22.38	22.14	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	22.20	22.34	22.11	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	CP-OFDM QPSK	1	1	22.20	22.26	22.03	22.50	1.5

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5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	CP-OFDM QPSK	1	0		25.49		25.50	1.5
		1	137		25.43		25.50	1.5
		1	272		25.43		25.50	1.5
		135	0		25.04		25.50	1.5
		137	68		25.44		25.50	1.5
		135	138		25.03		25.50	1.5
		273	0		23.44		24.00	3.0
	16-QAM	1	1		24.93		25.00	2.0
	64QAM	1	1		23.50		23.50	3.5
	256-QAM	1	1		20.43		20.50	6.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	CP-OFDM QPSK	1	1	25.39	25.48	25.40	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	25.36	25.39	25.32	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	CP-OFDM QPSK	1	1	25.32	25.36	25.27	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	25.28	25.35	25.25	25.50	1.5

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5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	CP-OFDM QPSK	1	1	25.19	25.27	25.22	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	CP-OFDM QPSK	1	1	25.11	25.19	25.13	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	25.10	25.13	25.08	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	CP-OFDM QPSK	1	1	25.06	25.12	24.98	25.50	1.5

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Main

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	CP-OFDM QPSK	1	0	21.61	22.39	21.91	22.50	1.5
		1	137	21.58	22.25	21.87	22.50	1.5
		1	272	21.62	22.26	21.86	22.50	1.5
		135	0	21.07	21.87	21.35	22.50	1.5
		137	68	21.49	22.28	21.70	22.50	1.5
		135	138	21.17	21.81	21.37	22.50	1.5
		273	0	19.64	20.36	19.88	21.00	3.0
	16-QAM	1	1	21.13	21.94	21.43	22.00	2.0
	64QAM	1	1	19.66	20.36	19.89	20.50	3.5
	256-QAM	1	1	16.70	17.45	16.88	17.50	6.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	CP-OFDM QPSK	1	1	21.61	22.37	21.89	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	CP-OFDM QPSK	1	1	21.53	22.35	21.86	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	CP-OFDM QPSK	1	1	21.49	22.35	21.84	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	CP-OFDM QPSK	1	1	21.41	22.31	21.77	22.50	1.5

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5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	CP-OFDM QPSK	1	1	21.41	22.26	21.74	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	CP-OFDM QPSK	1	1	21.35	22.24	21.74	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	CP-OFDM QPSK	1	1	21.25	22.14	21.66	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	CP-OFDM QPSK	1	1	21.20	22.13	21.64	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	CP-OFDM QPSK	1	1	21.11	22.10	21.61	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	CP-OFDM QPSK	1	1	21.03	22.05	21.51	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	CP-OFDM QPSK	1	1	20.94	21.96	21.44	22.50	1.5

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5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	CP-OFDM QPSK	1	1	20.84	21.87	21.42	22.50	1.5

5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	20.78	21.84	21.34	22.50	1.5

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5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	CP-OFDM QPSK	1	0	24.45	25.34	24.97	25.50	1.5
		1	137	24.35	25.28	24.82	25.50	1.5
		1	272	24.36	25.13	24.87	25.50	1.5
		135	0	23.91	24.83	24.46	25.50	1.5
		137	68	24.32	25.20	24.80	25.50	1.5
		135	138	23.96	24.75	24.49	25.50	1.5
		273	0	22.53	23.19	22.96	24.00	3.0
	16-QAM	1	1	24.04	24.79	24.52	25.00	2.0
	64QAM	1	1	22.51	23.26	22.97	23.50	3.5
	256-QAM	1	1	19.52	20.29	20.01	20.50	6.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	CP-OFDM QPSK	1	1	24.35	25.24	24.88	25.50	1.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	CP-OFDM QPSK	1	1	24.28	25.22	24.78	25.50	1.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	CP-OFDM QPSK	1	1	24.28	25.14	24.69	25.50	1.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	CP-OFDM QPSK	1	1	24.26	25.05	24.62	25.50	1.5

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5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	CP-OFDM QPSK	1	1	24.22	25.04	24.61	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	CP-OFDM QPSK	1	1	24.15	24.95	24.52	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	CP-OFDM QPSK	1	1	24.11	24.92	24.50	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	CP-OFDM QPSK	1	1	24.10	24.89	24.43	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	CP-OFDM QPSK	1	1	24.07	24.81	24.38	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	CP-OFDM QPSK	1	1	24.00	24.81	24.37	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	CP-OFDM QPSK	1	1	23.94	24.74	24.31	25.50	1.5

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5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	CP-OFDM QPSK	1	1	23.89	24.64	24.29	25.50	1.5

5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	23.88	24.57	24.24	25.50	1.5

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5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930		
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	0	22.37	22.01	22.21	22.09	21.97	22.50	1.5
		1	137	22.25	21.92	22.01	21.93	21.90	22.50	1.5
		1	272	22.14	21.85	22.00	22.01	21.98	22.50	1.5
		135	0	21.86	21.50	21.63	21.51	21.46	22.50	1.5
		137	68	22.24	21.80	21.96	22.05	21.85	22.50	1.5
		135	138	21.88	21.42	21.62	21.60	21.44	22.50	1.5
		273	0	20.29	20.00	20.16	20.12	20.03	21.00	3.0
	16-QAM	1	1	21.87	21.42	21.64	21.60	21.47	22.00	2.0
	64QAM	1	1	20.31	19.96	20.14	20.11	19.95	20.50	3.5
	256-QAM	1	1	17.40	16.95	17.21	17.07	16.97	17.50	6.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	22.28	21.98	22.18	22.06	21.87	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	22.26	21.94	22.14	22.03	21.81	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	22.18	21.88	22.07	22.00	21.80	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	22.14	21.83	22.01	21.96	21.75	22.50	1.5

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5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	22.14	21.75	21.93	21.96	21.66	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	22.12	21.73	21.87	21.94	21.58	22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
15	CP-OFDM QPSK	1	1			21.79			22.50	1.5

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
10	CP-OFDM QPSK	1	1			21.78			22.50	1.5

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5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930		
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	0	25.40	25.06	25.11	25.25	25.13	25.50	1.5
		1	137	25.23	24.90	25.06	25.12	25.01	25.50	1.5
		1	272	25.30	24.89	25.06	25.20	24.92	25.50	1.5
		135	0	24.88	24.43	24.57	24.66	24.58	25.50	1.5
		137	68	25.24	24.83	25.04	25.12	24.91	25.50	1.5
		135	138	24.84	24.56	24.67	24.71	24.57	25.50	1.5
		273	0	23.38	23.04	23.06	23.28	23.10	24.00	3.0
	16-QAM	1	1	24.92	24.56	24.67	24.69	24.58	25.00	2.0
	64QAM	1	1	23.43	22.98	23.09	23.21	23.11	23.50	3.5
	256-QAM	1	1	20.40	20.04	20.17	20.28	20.05	20.50	6.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	25.31	24.96	25.09	25.25	25.08	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	25.23	24.93	25.06	25.23	25.02	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	25.16	24.85	25.04	25.13	24.95	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	25.11	24.75	24.99	25.11	24.87	25.50	1.5

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5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	25.11	24.72	24.89	25.07	24.80	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	25.02	24.67	24.81	25.07	24.73	25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
15	CP-OFDM QPSK	1	1			24.77			25.50	1.5

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)						3840				
Channel						656000				
10	CP-OFDM QPSK	1	1			24.74			25.50	1.5

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5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01	3537.51	3575.01	3612.51	3650.01		
Channel				633334	635834	638334	640834	643334		
100	CP-OFDM QPSK	1	0	20.21	20.50	20.43	20.31	20.35	20.50	1.5
		1	137	20.06	20.42	20.36	20.29	20.24	20.50	1.5
		1	272	20.13	20.49	20.40	20.29	20.19	20.50	1.5
		135	0	19.69	20.09	20.01	19.82	19.80	20.50	1.5
		137	68	20.15	20.35	20.34	20.29	20.20	20.50	1.5
		135	138	19.76	19.97	19.89	19.80	19.88	20.50	1.5
		273	0	18.33	18.58	18.41	18.39	18.28	19.00	3.0
	16-QAM	1	1	19.71	19.92	19.92	19.82	19.83	20.00	2.0
	64QAM	1	1	18.28	18.49	18.46	18.39	18.31	18.50	3.5
	256-QAM	1	1	15.29	15.49	15.42	15.39	15.35	15.50	6.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3535.005	3575.01	3615.015	3655.02		
Channel				633000	635667	638334	641001	643668		
90	CP-OFDM QPSK	1	1	20.21	20.49	20.39	20.29	20.32	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.02	3532.515	3575.01	3617.505	3660		
Channel				632668	635501	638334	641167	644000		
80	CP-OFDM QPSK	1	1	20.16	20.42	20.35	20.20	20.25	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3527.505	3575.01	3622.515	3670.02		
Channel				632000	635167	638334	641501	644668		
60	CP-OFDM QPSK	1	1	20.16	20.40	20.31	20.20	20.25	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.02	3525.015	3575.01	3625.005	3675		
Channel				631668	635001	638334	641667	645000		
50	CP-OFDM QPSK	1	1	20.13	20.33	20.23	20.13	20.16	20.50	1.5

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5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3522.51	3575.01	3627.51	3680.01		
Channel				631334	634834	638334	641834	645334		
40	CP-OFDM QPSK	1	1	20.03	20.28	20.13	20.08	20.08	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.02	3517.515	3575.01	3632.505	3690		
Channel				630668	634501	638334	642167	646000		
20	CP-OFDM QPSK	1	1	19.98	20.25	20.13	20.05	20.08	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3516.255	3575.01	3633.765	3692.52		
Channel				630500	634417	638334	642251	646168		
15	CP-OFDM QPSK	1	1	19.90	20.24	20.13	19.98	20.05	20.50	1.5

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3515.01	3575.01	3635.01	3695.01		
Channel				630334	634334	638334	642334	646334		
10	CP-OFDM QPSK	1	1	19.90	20.20	20.06	19.96	20.02	20.50	1.5

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5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	CP-OFDM QPSK	1	0		22.30		22.50	1.5
		1	137		22.09		22.50	1.5
		1	272		22.24		22.50	1.5
		135	0		21.72		22.50	1.5
		137	68		22.16		22.50	1.5
		135	138		21.73		22.50	1.5
		273	0		20.24		21.00	3.0
	16-QAM	1	1		21.75		22.00	2.0
	64QAM	1	1		20.25		20.50	3.5
	256-QAM	1	1		17.27		17.50	6.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	CP-OFDM QPSK	1	1	22.20	22.27	22.23	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	22.16	22.18	22.14	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	CP-OFDM QPSK	1	1	22.15	22.09	22.05	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	22.05	22.03	21.99	22.50	1.5

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5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	645000	652000		
40	CP-OFDM QPSK	1	1	22.05	21.94	21.98	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	CP-OFDM QPSK	1	1	22.02	21.91	21.94	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	21.95	21.86	21.93	22.50	1.5

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	CP-OFDM QPSK	1	1	21.91	21.85	21.83	22.50	1.5

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5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	CP-OFDM QPSK	1	0		25.35		25.50	1.5
		1	137		25.18		25.50	1.5
		1	272		25.34		25.50	1.5
		135	0		24.71		25.50	1.5
		137	68		25.27		25.50	1.5
		135	138		24.77		25.50	1.5
		273	0		23.36		24.00	3.0
	16-QAM	1	1		24.83		25.00	2.0
	64QAM	1	1		23.38		23.50	3.5
	256-QAM	1	1		20.35		20.50	6.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	CP-OFDM QPSK	1	1	25.25	25.25	25.16	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	25.21	25.15	25.06	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	CP-OFDM QPSK	1	1	25.19	25.10	24.97	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	25.16	25.10	24.96	25.50	1.5

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5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	CP-OFDM QPSK	1	1	25.09	25.05	24.93	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	CP-OFDM QPSK	1	1	25.03	24.99	24.87	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	24.94	24.92	24.78	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	CP-OFDM QPSK	1	1	24.91	24.89	24.76	25.50	1.5

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6 SUMMARY OF RESULTS

6.1 Decision rules

Reported measurement data comply with Test Methodology in section 1.1.
Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

6.2 Summary of SAR Results

WWAN

Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
								Measured	Reported	
WCDMA Band II	Bottom Surface	0	9262	1852.4	24.5	24.23	106.41%	0.005	0.005	001
WCDMA Band II	Bottom Surface	0	9400	1880	24.5	24.14	108.64%	0.002	0.003	-
WCDMA Band II	Bottom Surface	0	9538	1907.6	24.5	23.78	118.03%	0.002	0.003	-
WCDMA Band IV	Bottom Surface	0	1312	1712.4	24.5	24.23	106.41%	0.002	0.002	-
WCDMA Band IV	Bottom Surface	0	1412	1732.4	24.5	24.48	100.46%	0.002	0.002	-
WCDMA Band IV	Bottom Surface	0	1513	1752.6	24.5	24.46	100.93%	0.003	0.003	002
WCDMA Band V	Bottom Surface	0	4132	826.4	24.5	24.13	108.89%	0.008	0.009	-
WCDMA Band V	Bottom Surface	0	4183	836.6	24.5	24.04	111.17%	0.009	0.010	003
WCDMA Band V	Bottom Surface	0	4233	846.6	24.5	24.01	111.94%	0.007	0.008	-

Main

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_Main	20MHz	QPSK	1	0	Bottom Surface	0	18700	1860	24.00	23.33	116.68%	0.005	0.006	081
LTE Band 2_Main			1	0	Bottom Surface	0	18900	1880	24.00	23.40	114.82%	0.002	0.003	-
LTE Band 2_Main			1	0	Bottom Surface	0	19100	1900	24.00	23.31	117.22%	0.003	0.004	-
LTE Band 2_Main			50	50	Bottom Surface	0	18700	1860	23.00	22.29	117.76%	0.002	0.003	-
CA_2C			1/1	99/0	Bottom Surface	0	18902/19100	1880.2/1900	24.00	23.30	117.49%	0.003	0.004	-
LTE Band 4_Main	20MHz	QPSK	1	0	Bottom Surface	0	20050	1720	24.00	23.77	105.44%	0.003	0.003	-
LTE Band 4_Main			1	0	Bottom Surface	0	20175	1732.5	24.00	23.98	100.46%	0.006	0.006	082
LTE Band 4_Main			1	0	Bottom Surface	0	20300	1745	24.00	23.87	103.04%	0.003	0.003	-
LTE Band 4_Main			50	0	Bottom Surface	0	20175	1732.5	23.00	22.71	106.91%	0.003	0.003	-
LTE Band 5_Main	10MHz	QPSK	1	0	Bottom Surface	0	20450	829	24.50	23.16	136.14%	0.007	0.009	-
LTE Band 5_Main			1	0	Bottom Surface	0	20525	836.5	24.50	23.13	137.09%	0.008	0.011	083
LTE Band 5_Main			1	0	Bottom Surface	0	20600	844	24.50	23.18	135.52%	0.007	0.009	-
LTE Band 5_Main			25	12	Bottom Surface	0	20525	836.5	23.50	22.13	137.09%	0.004	0.005	-
CA_5B			1/1	49/0	Bottom Surface	0	20550/20622	839/846.2	24.50	23.15	136.46%	0.007	0.009	-
LTE Band 7_Main	20MHz	QPSK	1	0	Bottom Surface	0	20850	2510	24.00	23.33	116.68%	0.008	0.009	-
LTE Band 7_Main			1	0	Bottom Surface	0	21100	2535	24.00	23.77	105.44%	0.010	0.010	084
LTE Band 7_Main			1	0	Bottom Surface	0	21350	2560	24.00	23.52	111.69%	0.008	0.009	-
LTE Band 7_Main			50	0	Bottom Surface	0	21100	2535	23.00	22.26	118.58%	0.007	0.009	-
CA_7C			1/1	99/0	Bottom Surface	0	21001/21199	2525.1/2544.9	24.00	23.74	106.17%	0.008	0.009	-
LTE Band 12_Main	10MHz	QPSK	1	0	Bottom Surface	0	23060	704	24.50	23.57	123.88%	0.007	0.009	-
LTE Band 12_Main			1	0	Bottom Surface	0	23095	707.5	24.50	23.74	119.12%	0.007	0.008	-
LTE Band 12_Main			1	0	Bottom Surface	0	23130	711	24.50	24.07	110.41%	0.008	0.009	085
LTE Band 12_Main			25	0	Bottom Surface	0	23095	707.5	23.50	22.47	126.77%	0.006	0.008	-
LTE Band 13_Main	10MHz	QPSK	1	0	Bottom Surface	0	23230	782	24.50	24.13	108.89%	0.010	0.011	086
LTE Band 13_Main			25	25	Bottom Surface	0	23230	782	23.50	22.97	112.98%	0.009	0.010	-
LTE Band 14_Main	10MHz	QPSK	1	0	Bottom Surface	0	23330	793	24.50	24.22	106.66%	0.012	0.012	087
LTE Band 14_Main			25	0	Bottom Surface	0	23330	793	23.50	23.06	110.66%	0.010	0.011	-
LTE Band 17_Main	10MHz	QPSK	1	0	Bottom Surface	0	23780	709	24.50	23.68	120.78%	0.006	0.008	-
LTE Band 17_Main			1	0	Bottom Surface	0	23790	710	24.50	23.74	119.12%	0.007	0.008	-
LTE Band 17_Main			1	0	Bottom Surface	0	23800	711	24.50	23.81	117.22%	0.008	0.009	088
LTE Band 17_Main			25	12	Bottom Surface	0	23800	711	23.50	22.62	122.46%	0.006	0.007	-
LTE Band 25_Main	20MHz	QPSK	1	0	Bottom Surface	0	26140	1860	24.00	23.85	103.51%	0.002	0.002	089
LTE Band 25_Main			1	0	Bottom Surface	0	26365	1882.5	24.00	23.86	103.28%	0.001	0.001	-
LTE Band 25_Main			1	50	Bottom Surface	0	26590	1905	24.00	23.71	106.91%	0.001	0.002	-
LTE Band 25_Main			50	0	Bottom Surface	0	26140	1860	23.00	22.77	105.44%	0.001	0.001	-
LTE Band 26_FCC_Main	15MHz	QPSK	1	0	Bottom Surface	0	26765	821.5	24.50	23.75	118.85%	0.008	0.009	-
LTE Band 26_FCC_Main			1	36	Bottom Surface	0	26865	831.5	24.50	23.60	123.03%	0.007	0.008	-
LTE Band 26_FCC_Main			1	0	Bottom Surface	0	26965	841.5	24.50	23.68	120.78%	0.010	0.011	090
LTE Band 26_FCC_Main			36	18	Bottom Surface	0	26865	831.5	23.50	22.67	121.06%	0.006	0.008	-

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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 30_Main	10MHz	QPSK	1	0	Bottom Surface	0	27710	2310	23.00	22.25	118.85%	0.005	0.006	092
LTE Band 30_Main			25	0	Bottom Surface	0	27710	2310	22.00	21.16	121.34%	0.004	0.004	-
LTE Band 66_Main	20MHz	QPSK	1	0	Bottom Surface	0	132072	1720	24.00	23.49	112.46%	0.003	0.003	093
LTE Band 66_Main			1	0	Bottom Surface	0	132322	1745	24.00	23.48	112.72%	0.002	0.002	-
LTE Band 66_Main			1	0	Bottom Surface	0	132572	1770	24.00	23.51	111.94%	0.001	0.001	-
LTE Band 66_Main			50	0	Bottom Surface	0	132572	1770	23.00	22.41	114.55%	0.002	0.002	-
CA_66C			1/1	99/0	Bottom Surface	0	132397/132514	1752.5/1764.2	24.00	23.47	112.98%	0.002	0.002	-
CA_66B	10MHz		1/1	49/0	Bottom Surface	0	132022/132121	1715/1724.9	24.00	23.32	116.95%	0.002	0.002	-
LTE Band 71_Main	20MHz	QPSK	1	0	Bottom Surface	0	133222	673	24.00	23.41	114.55%	0.004	0.004	-
LTE Band 71_Main			1	0	Bottom Surface	0	133297	680.5	24.00	23.48	112.72%	0.005	0.006	094
LTE Band 71_Main			1	0	Bottom Surface	0	133372	688	24.00	23.38	115.35%	0.004	0.005	-
LTE Band 71_Main			50	50	Bottom Surface	0	133372	688	23.00	22.35	116.14%	0.004	0.004	-
LTE Band 38_Main	20MHz	QPSK	1	0	Bottom Surface	0	37850	2580	24.00	23.30	117.49%	0.003	0.003	095
LTE Band 38_Main			1	0	Bottom Surface	0	38000	2595	24.00	23.28	118.03%	0.001	0.002	-
LTE Band 38_Main			1	0	Bottom Surface	0	38150	2610	24.00	23.25	118.85%	0.002	0.002	-
LTE Band 38_Main			50	50	Bottom Surface	0	38000	2595	23.00	22.21	119.95%	0.002	0.002	-
CA_38C			1/1	99/0	Bottom Surface	0	37952/38150	2590.2/2610	24.00	23.23	119.40%	0.002	0.002	-
LTE Band 41_PC3_Main	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	24.00	23.51	111.94%	0.002	0.002	-
LTE Band 41_PC3_Main			1	0	Bottom Surface	0	40185	2549.5	24.00	23.55	110.92%	0.001	0.001	-
LTE Band 41_PC3_Main			1	0	Bottom Surface	0	40620	2593	24.00	23.75	105.93%	0.003	0.004	096
LTE Band 41_PC3_Main			1	0	Bottom Surface	0	41055	2636.5	24.00	23.48	112.72%	0.002	0.002	-
LTE Band 41_PC3_Main			1	0	Bottom Surface	0	41490	2680	24.00	23.66	108.14%	0.002	0.002	-
LTE Band 41_PC3_Main			50	50	Bottom Surface	0	40620	2593	23.00	22.47	112.98%	0.002	0.002	-
CA_41C			1/1	99/0	Bottom Surface	0	41292/41490	2660.2/2680	24.00	23.74	106.17%	0.002	0.002	-
LTE Band 41_PC2_Main	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	27.00	25.82	131.22%	0.012	0.016	-
LTE Band 41_PC2_Main			1	0	Bottom Surface	0	40185	2549.5	27.00	25.92	128.23%	0.013	0.017	-
LTE Band 41_PC2_Main			1	0	Bottom Surface	0	40620	2593	27.00	26.05	124.45%	0.016	0.020	097
LTE Band 41_PC2_Main			1	0	Bottom Surface	0	41055	2636.5	27.00	25.82	131.22%	0.014	0.019	-
LTE Band 41_PC2_Main			1	0	Bottom Surface	0	41490	2680	27.00	25.87	129.72%	0.013	0.017	-
LTE Band 41_PC2_Main			50	25	Bottom Surface	0	40620	2593	26.00	24.99	126.18%	0.010	0.012	-
LTE Band 41_PC3_IC_Main	20MHz	QPSK	1	0	Bottom Surface	0	39790	2510	24.00	23.51	111.94%	0.002	0.002	-
LTE Band 41_PC3_IC_Main			1	0	Bottom Surface	0	40185	2549.5	24.00	23.55	110.92%	0.002	0.002	-
LTE Band 41_PC3_IC_Main			1	0	Bottom Surface	0	40620	2593	24.00	23.75	105.93%	0.003	0.004	098
LTE Band 41_PC3_IC_Main			1	0	Bottom Surface	0	41055	2636.5	24.00	23.48	112.72%	0.001	0.001	-
LTE Band 41_PC3_IC_Main			1	0	Bottom Surface	0	41490	2680	24.00	23.66	108.14%	0.002	0.002	-
LTE Band 41_PC3_IC_Main			50	50	Bottom Surface	0	40620	2593	23.00	22.47	112.98%	0.002	0.002	-
CA_41C			1/1	99/0	Bottom Surface	0	41292/41490	2660.2/2680	24.00	23.74	106.17%	0.002	0.002	-
LTE Band 42_Part1_Main	20MHz	QPSK	1	0	Bottom Surface	0	42190	3460	24.00	23.94	101.39%	0.008	0.008	100
LTE Band 42_Part1_Main			1	0	Bottom Surface	0	42590	3500	24.00	23.84	103.75%	0.007	0.007	-
LTE Band 42_Part1_Main			1	0	Bottom Surface	0	42990	3540	24.00	23.96	100.93%	0.007	0.007	-
LTE Band 42_Part1_Main			50	0	Bottom Surface	0	42190	3460	23.00	22.90	102.33%	0.006	0.006	-
CA_42C_Part 1			1/1	99/0	Bottom Surface	0	42090/42288	3460/3479.8	24.00	23.92	101.86%	0.007	0.007	-
LTE Band 42_Part2_Main	20MHz	QPSK	1	0	Bottom Surface	0	43190	3560	22.00	21.88	102.80%	0.007	0.008	101
LTE Band 42_Part2_Main			1	0	Bottom Surface	0	43340	3575	22.00	21.94	101.39%	0.005	0.006	-
LTE Band 42_Part2_Main			1	0	Bottom Surface	0	43490	3590	22.00	21.98	100.46%	0.005	0.005	-
LTE Band 42_Part2_Main			50	25	Bottom Surface	0	43490	3590	21.00	20.89	102.57%	0.004	0.004	-
CA_42C_Part 2			1/1	99/0	Bottom Surface	0	43490/43688	3590/3609.8	22.00	21.92	101.86%	0.005	0.005	-
LTE Band 48_Main	20MHz	QPSK	1	0	Bottom Surface	0	55340	3560	22.00	21.63	108.89%	0.005	0.005	-
LTE Band 48_Main			1	0	Bottom Surface	0	55830	3609	22.00	21.97	100.69%	0.007	0.007	-
LTE Band 48_Main			1	0	Bottom Surface	0	56150	3641	22.00	21.99	100.23%	0.008	0.008	104
LTE Band 48_Main			1	0	Bottom Surface	0	56640	3690	22.00	21.87	103.04%	0.005	0.005	-
LTE Band 48_Main			50	50	Bottom Surface	0	55830	3609	21.00	20.57	110.41%	0.004	0.004	-
CA_48C			1/1	99/0	Bottom Surface	0	55891/56089	3615.1/3634.9	22.00	21.97	100.69%	0.006	0.006	-

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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_Main	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	372000	1860	24.00	23.48	112.72%	0.010	0.011	105
NR n2_Main			1	1	Bottom Surface	0	376000	1880	24.00	23.35	116.14%	0.007	0.008	-
NR n2_Main			1	1	Bottom Surface	0	380000	1900	24.00	23.08	123.59%	0.008	0.010	-
NR n2_Main			50	28	Bottom Surface	0	372000	1860	24.00	23.29	117.76%	0.008	0.009	-
NR n5_Main	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	166800	834	24.00	23.58	110.15%	0.003	0.003	-
NR n5_Main			1	1	Bottom Surface	0	167300	836.5	24.00	23.51	111.94%	0.004	0.004	106
NR n5_Main			1	1	Bottom Surface	0	167800	839	24.00	23.54	111.17%	0.002	0.002	-
NR n5_Main			50	28	Bottom Surface	0	166800	834	24.00	23.47	112.98%	0.003	0.003	-
CA_n5B	15MHz		1/1	77/1	Bottom Surface	0	168300/168393	841.5/850.8	24.00	23.45	113.50%	0.002	0.002	-
NR n7_Main	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	502000	2510	24.00	23.47	112.98%	0.020	0.023	-
NR n7_Main			1	1	Bottom Surface	0	507000	2535	24.00	23.75	105.93%	0.018	0.019	-
NR n7_Main			1	1	Bottom Surface	0	512000	2560	24.00	23.90	102.33%	0.024	0.025	107
NR n7_Main			50	28	Bottom Surface	0	512000	2560	24.00	23.79	104.95%	0.021	0.022	-
NR n12_Main	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	141300	706.5	24.00	23.05	124.45%	0.002	0.002	-
NR n12_Main			1	1	Bottom Surface	0	141500	707.5	24.00	22.98	126.47%	0.002	0.002	-
NR n12_Main			1	1	Bottom Surface	0	141700	708.5	24.00	23.13	122.18%	0.003	0.003	108
NR n12_Main			36	22	Bottom Surface	0	141700	708.5	24.00	23.03	125.03%	0.002	0.002	-
NR n13_Main	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	156400	782	24.00	23.49	112.46%	0.005	0.006	109
NR n13_Main			25	13	Bottom Surface	0	156400	782	24.00	23.39	115.08%	0.004	0.005	-
NR n14_Main	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	158600	793	24.00	23.42	114.29%	0.006	0.007	110
NR n14_Main			25	13	Bottom Surface	0	158600	793	24.00	23.29	117.76%	0.005	0.006	-
NR n25_Main	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	372000	1860	24.00	23.55	110.92%	0.007	0.007	111
NR n25_Main			1	1	Bottom Surface	0	376500	1882.5	24.00	23.35	116.14%	0.005	0.006	-
NR n25_Main			1	1	Bottom Surface	0	381000	1905	24.00	23.05	124.45%	0.004	0.005	-
NR n25_Main			50	28	Bottom Surface	0	372000	1860	24.00	23.41	114.55%	0.005	0.006	-
NR n26_Main	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	164800	824	24.00	23.36	115.88%	0.003	0.003	-
NR n26_Main			1	1	Bottom Surface	0	166300	831.5	24.00	23.40	114.82%	0.002	0.002	-
NR n26_Main			1	1	Bottom Surface	0	167800	839	24.00	23.44	113.76%	0.004	0.005	112
NR n26_Main			50	28	Bottom Surface	0	167800	839	24.00	23.33	116.68%	0.003	0.004	-
NR n30_Main	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	462000	2310	23.00	22.16	121.34%	0.014	0.017	113
NR n30_Main			25	13	Bottom Surface	0	462000	2310	23.00	22.10	123.03%	0.009	0.011	-
NR n66_Main	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	344000	1720	24.00	23.17	121.06%	0.009	0.011	114
NR n66_Main			1	1	Bottom Surface	0	349000	1745	24.00	23.10	123.03%	0.008	0.010	-
NR n66_Main			1	1	Bottom Surface	0	354000	1770	24.00	22.96	127.06%	0.007	0.009	-
NR n66_Main			50	28	Bottom Surface	0	344000	1720	24.00	23.10	123.03%	0.005	0.006	-
CA_n66B	15MHz		1/1	77/1	Bottom Surface	0	343500/343671	1717.5/1734.6	24.00	23.06	124.17%	0.006	0.007	-
NR n70_Main	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	340500	1702.5	24.00	23.99	100.23%	0.007	0.007	115
NR n70_Main			36	22	Bottom Surface	0	340500	1702.5	24.00	23.83	103.99%	0.005	0.005	-
NR n71_Main	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	134600	673	24.00	23.41	114.55%	0.002	0.002	-
NR n71_Main			1	1	Bottom Surface	0	136100	680.5	24.00	23.50	112.20%	0.003	0.003	116
NR n71_Main			1	1	Bottom Surface	0	137600	688	24.00	23.54	111.17%	0.001	0.001	-
NR n71_Main			50	28	Bottom Surface	0	137600	688	24.00	23.42	114.29%	0.002	0.002	-
CA_n71B	10MHz		1/1	49/1	Bottom Surface	0	138600/138720	693/705	24.00	23.45	113.50%	0.002	0.002	-
NR n38_Main	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	516000	2580	24.00	23.60	109.65%	0.018	0.020	-
NR n38_Main			1	1	Bottom Surface	0	519000	2595	24.00	23.57	110.41%	0.015	0.017	-
NR n38_Main			1	1	Bottom Surface	0	522000	2610	24.00	23.51	111.94%	0.021	0.023	117
NR n38_Main			25	13	Bottom Surface	0	516000	2580	24.00	23.44	113.76%	0.019	0.022	-
NR n41_PC3_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	24.00	23.10	123.03%	0.015	0.018	-
NR n41_PC3_Main			1	1	Bottom Surface	0	518598	2592.99	24.00	23.85	103.51%	0.017	0.018	-
NR n41_PC3_Main			1	1	Bottom Surface	0	528000	2640	24.00	23.37	115.61%	0.019	0.022	118
NR n41_PC3_Main			135	69	Bottom Surface	0	518598	2592.99	24.00	23.69	107.40%	0.013	0.014	-
CA_n41C	80MHz		1/1	215/1	Bottom Surface	0	529998/530886	2649.99/2738.79	24.00	23.35	116.14%	0.016	0.019	-
NR n41_PC2_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	27.00	25.95	127.35%	0.041	0.052	-
NR n41_PC2_Main			1	1	Bottom Surface	0	518598	2592.99	27.00	26.75	105.93%	0.037	0.039	-
NR n41_PC2_Main			1	1	Bottom Surface	0	528000	2640	27.00	26.46	113.24%	0.049	0.055	119
NR n41_PC2_Main			135	69	Bottom Surface	0	518598	2592.99	27.00	26.63	108.89%	0.031	0.034	-
NR n48_Main	40MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	638000	3570	22.00	21.67	107.89%	0.031	0.033	-
NR n48_Main			1	1	Bottom Surface	0	641668	3625.02	22.00	21.70	107.15%	0.038	0.041	-
NR n48_Main			1	1	Bottom Surface	0	645332	3679.98	22.00	21.99	100.23%	0.043	0.043	120
NR n48_Main			50	28	Bottom Surface	0	645332	3679.98	22.00	21.88	102.80%	0.040	0.041	-
CA_n48C			1/1	104/1	Bottom Surface	0	645332/646001	3679.98/3746.88	22.00	21.90	102.33%	0.039	0.040	-
CA_n48B	20MHz		1/1	49/1	Bottom Surface	0	646000/646198	3690/3709.8	22.00	21.88	102.80%	0.035	0.036	-

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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 n77_PC3_Part3_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	24.00	23.80	104.71%	0.071	0.074	121
NR n77_PC3_Part3_Main			1	1	Bottom Surface	0	653000	3795	24.00	23.41	114.55%	0.059	0.068	-
NR n77_PC3_Part3_Main			1	1	Bottom Surface	0	656000	3840	24.00	23.61	109.40%	0.066	0.072	-
NR n77_PC3_Part3_Main			1	1	Bottom Surface	0	659000	3885	24.00	23.53	111.43%	0.061	0.068	-
NR n77_PC3_Part3_Main			1	1	Bottom Surface	0	662000	3930	24.00	23.45	113.50%	0.047	0.053	-
NR n77_PC3_Part3_Main			135	69	Bottom Surface	0	650000	3750	24.00	23.68	107.65%	0.063	0.068	-
CA_n77C			1/1	271/1	Bottom Surface	0	650000/650999	3750/3849.9	24.00	23.75	105.93%	0.068	0.072	-
NR n77_PC2_Part3_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	27.00	26.87	103.04%	0.080	0.082	122
NR n77_PC2_Part3_Main			1	1	Bottom Surface	0	653000	3795	27.00	26.47	112.98%	0.072	0.081	-
NR n77_PC2_Part3_Main			1	1	Bottom Surface	0	656000	3840	27.00	26.58	110.15%	0.073	0.080	-
NR n77_PC2_Part3_Main			1	1	Bottom Surface	0	659000	3885	27.00	26.68	107.65%	0.071	0.076	-
NR n77_PC2_Part3_Main			1	1	Bottom Surface	0	662000	3930	27.00	26.55	110.92%	0.073	0.081	-
NR n77_PC2_Part3_Main			135	69	Bottom Surface	0	650000	3750	27.00	26.73	106.41%	0.076	0.081	-
NR n77 & n78_PC3_Part1_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	633334	3500.01	22.00	21.70	107.15%	0.014	0.015	125
NR n77 & n78_PC3_Part1_Main			1	1	Bottom Surface	0	635834	3537.51	22.00	21.99	100.23%	0.009	0.009	-
NR n77 & n78_PC3_Part1_Main			1	1	Bottom Surface	0	638334	3575.01	22.00	21.92	101.86%	0.004	0.004	-
NR n77 & n78_PC3_Part1_Main			1	1	Bottom Surface	0	640834	3612.51	22.00	21.81	104.47%	0.008	0.008	-
NR n77 & n78_PC3_Part1_Main			1	1	Bottom Surface	0	643334	3650.01	22.00	21.78	105.20%	0.012	0.013	-
NR n78_PC3_Part2_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	24.00	23.72	106.66%	0.011	0.011	126
NR n78_PC3_Part2_Main			135	69	Bottom Surface	0	650000	3750	24.00	23.66	108.14%	0.009	0.010	-
NR n78_PC2_Part2_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	27.00	26.78	105.20%	0.013	0.013	127
NR n78_PC2_Part2_Main			135	69	Bottom Surface	0	650000	3750	27.00	26.70	107.15%	0.011	0.011	-

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Aux 2

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_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	18700	1860	24.00	23.48	112.72%	0.005	0.006	-
LTE Band 2_Aux 2			1	0	Bottom Surface	0	18900	1880	24.00	23.61	109.40%	0.008	0.009	004
LTE Band 2_Aux 2			1	0	Bottom Surface	0	19100	1900	24.00	23.43	114.02%	0.006	0.007	-
LTE Band 2_Aux 2			50	50	Bottom Surface	0	18900	1860	23.00	22.58	110.15%	0.005	0.006	-
LTE Band 4_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	20050	1720	24.00	23.61	109.40%	0.003	0.003	-
LTE Band 4_Aux 2			1	0	Bottom Surface	0	20175	1732.5	24.00	23.83	103.99%	0.006	0.006	-
LTE Band 4_Aux 2			1	0	Bottom Surface	0	20300	1745	24.00	23.98	100.46%	0.007	0.007	005
LTE Band 4_Aux 2			50	25	Bottom Surface	0	20300	1745	23.00	22.94	101.39%	0.005	0.005	-
LTE Band 7_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	20850	2510	24.00	23.46	113.24%	0.012	0.014	-
LTE Band 7_Aux 2			1	0	Bottom Surface	0	21100	2535	24.00	23.55	110.92%	0.010	0.011	-
LTE Band 7_Aux 2			1	0	Bottom Surface	0	21350	2560	24.00	23.61	109.40%	0.014	0.015	006
LTE Band 7_Aux 2			50	25	Bottom Surface	0	21350	2560	23.00	22.57	110.41%	0.010	0.011	-
LTE Band 25_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	26140	1860	24.00	23.62	109.14%	0.005	0.005	-
LTE Band 25_Aux 2			1	0	Bottom Surface	0	26365	1882.5	24.00	23.87	103.04%	0.007	0.008	007
LTE Band 25_Aux 2			1	0	Bottom Surface	0	26590	1905	24.00	23.52	111.69%	0.004	0.004	-
LTE Band 25_Aux 2			50	0	Bottom Surface	0	26365	1882.5	23.00	22.69	107.40%	0.005	0.005	-
LTE Band 30_Aux 2	10MHz	QPSK	1	0	Bottom Surface	0	27710	2310	23.00	22.41	114.55%	0.013	0.015	008
LTE Band 30_Aux 2			25	25	Bottom Surface	0	27710	2310	22.00	21.29	117.76%	0.009	0.011	-
LTE Band 66_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	132072	1720	24.00	23.66	108.14%	0.004	0.004	-
LTE Band 66_Aux 2			1	0	Bottom Surface	0	132322	1745	24.00	23.54	111.17%	0.007	0.008	009
LTE Band 66_Aux 2			1	0	Bottom Surface	0	132572	1770	24.00	23.37	115.61%	0.005	0.006	-
LTE Band 66_Aux 2			50	25	Bottom Surface	0	132072	1720	23.00	22.48	112.72%	0.004	0.004	-
LTE Band 38_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	37850	2580	24.00	23.54	111.17%	0.009	0.010	-
LTE Band 38_Aux 2			1	0	Bottom Surface	0	38000	2595	24.00	23.60	109.65%	0.014	0.015	010
LTE Band 38_Aux 2			1	0	Bottom Surface	0	38150	2610	24.00	23.41	114.55%	0.012	0.014	-
LTE Band 38_Aux 2			50	50	Bottom Surface	0	38000	2595	23.00	22.54	111.17%	0.010	0.011	-
LTE Band 38_Aux 2			100RB		Bottom Surface	0	38000	2595	23.00	22.44	113.76%	0.009	0.010	-
LTE Band 41_PC3_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	24.00	23.23	119.40%	0.011	0.013	-
LTE Band 41_PC3_Aux 2			1	0	Bottom Surface	0	40185	2549.5	24.00	23.61	109.40%	0.007	0.008	-
LTE Band 41_PC3_Aux 2			1	0	Bottom Surface	0	40620	2593	24.00	23.63	108.89%	0.013	0.014	011
LTE Band 41_PC3_Aux 2			1	0	Bottom Surface	0	41055	2636.5	24.00	23.32	116.95%	0.010	0.012	-
LTE Band 41_PC3_Aux 2			1	0	Bottom Surface	0	41490	2680	24.00	23.51	111.94%	0.012	0.013	-
LTE Band 41_PC3_Aux 2			50	0	Bottom Surface	0	40185	2549.5	23.00	22.57	110.41%	0.009	0.010	-
LTE Band 41_PC2_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	27.00	25.69	135.21%	0.012	0.016	-
LTE Band 41_PC2_Aux 2			1	0	Bottom Surface	0	40185	2549.5	27.00	26.08	123.59%	0.010	0.012	-
LTE Band 41_PC2_Aux 2			1	0	Bottom Surface	0	40620	2593	27.00	26.10	123.03%	0.014	0.018	012
LTE Band 41_PC2_Aux 2			1	0	Bottom Surface	0	41055	2636.5	27.00	25.87	129.72%	0.011	0.014	-
LTE Band 41_PC2_Aux 2			1	0	Bottom Surface	0	41490	2680	27.00	25.98	126.47%	0.013	0.016	-
LTE Band 41_PC2_Aux 2			50	0	Bottom Surface	0	40620	2593	26.00	25.06	124.17%	0.010	0.012	-
LTE Band 42_Part1_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	42190	3460	24.00	23.97	100.69%	0.068	0.068	-
LTE Band 42_Part1_Aux 2			1	0	Bottom Surface	0	42590	3500	24.00	23.98	100.46%	0.080	0.080	015
LTE Band 42_Part1_Aux 2			1	0	Bottom Surface	0	42990	3540	24.00	23.99	100.23%	0.072	0.072	-
LTE Band 42_Part1_Aux 2			50	0	Bottom Surface	0	42990	3540	23.00	22.89	102.57%	0.059	0.061	-
LTE Band 42_Part2_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	43190	3560	22.00	21.90	102.33%	0.038	0.039	-
LTE Band 42_Part2_Aux 2			1	0	Bottom Surface	0	43340	3575	22.00	21.81	104.47%	0.047	0.049	016
LTE Band 42_Part2_Aux 2			1	0	Bottom Surface	0	43490	3590	22.00	21.78	105.20%	0.041	0.043	-
LTE Band 42_Part2_Aux 2			50	25	Bottom Surface	0	43340	3575	21.00	20.74	106.17%	0.033	0.035	-
LTE Band 42_IC_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	42190	3460	24.00	23.80	104.71%	0.069	0.072	-
LTE Band 42_IC_Aux 2			1	0	Bottom Surface	0	42680	3509	24.00	23.91	102.09%	0.081	0.083	017
LTE Band 42_IC_Aux 2			1	0	Bottom Surface	0	43000	3541	24.00	23.99	100.23%	0.072	0.072	-
LTE Band 42_IC_Aux 2			1	0	Bottom Surface	0	43490	3590	24.00	23.85	103.51%	0.079	0.082	-
LTE Band 42_IC_Aux 2			50	0	Bottom Surface	0	43000	3541	23.00	22.88	102.80%	0.060	0.062	-
LTE Band 48_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	55340	3560	22.00	21.74	106.17%	0.049	0.052	-
LTE Band 48_Aux 2			1	0	Bottom Surface	0	55830	3609	22.00	21.83	103.99%	0.052	0.054	-
LTE Band 48_Aux 2			1	0	Bottom Surface	0	56150	3641	22.00	21.99	100.23%	0.068	0.068	019
LTE Band 48_Aux 2			1	0	Bottom Surface	0	56640	3690	22.00	21.96	100.93%	0.061	0.062	-
LTE Band 48_Aux 2			50	50	Bottom Surface	0	56150	3641	21.00	20.95	101.16%	0.052	0.053	-

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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_Aux 2	20MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	372000	1860	24.00	23.45	113.50%	0.005	0.006	-
NR n2_Aux 2			1	1	Bottom Surface	0	376000	1880	24.00	23.58	110.15%	0.009	0.010	020
NR n2_Aux 2			1	1	Bottom Surface	0	380000	1900	24.00	23.41	114.55%	0.007	0.008	-
NR n2_Aux 2			50	28	Bottom Surface	0	376000	1880	24.00	23.52	111.69%	0.008	0.009	-
NR n7_Aux 2	20MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	502000	2510	24.00	23.48	112.72%	0.010	0.011	-
NR n7_Aux 2			1	1	Bottom Surface	0	507000	2535	24.00	23.77	105.44%	0.008	0.008	-
NR n7_Aux 2			1	1	Bottom Surface	0	512000	2560	24.00	23.80	104.71%	0.013	0.013	021
NR n7_Aux 2			50	28	Bottom Surface	0	512000	2560	24.00	23.68	107.65%	0.011	0.012	-
NR n25_Aux 2	20MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	372000	1860	24.00	23.45	113.50%	0.007	0.007	-
NR n25_Aux 2			1	1	Bottom Surface	0	376500	1882.5	24.00	23.55	110.92%	0.008	0.009	022
NR n25_Aux 2			1	1	Bottom Surface	0	381000	1905	24.00	23.37	115.61%	0.007	0.008	-
NR n25_Aux 2			50	28	Bottom Surface	0	376500	1882.5	24.00	23.49	112.46%	0.006	0.007	-
NR n30_Aux 2	10MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	462000	2310	23.00	22.30	117.49%	0.018	0.021	023
NR n30_Aux 2			25	13	Bottom Surface	0	462000	2310	23.00	22.09	123.31%	0.016	0.019	-
NR n66_Aux 2	20MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	344000	1720	24.00	23.39	115.08%	0.020	0.023	024
NR n66_Aux 2			1	1	Bottom Surface	0	349000	1745	24.00	23.32	116.95%	0.018	0.021	-
NR n66_Aux 2			1	1	Bottom Surface	0	354000	1770	24.00	23.26	118.58%	0.014	0.017	-
NR n66_Aux 2			50	28	Bottom Surface	0	344000	1720	24.00	23.24	119.12%	0.018	0.021	-
NR n70_Aux 2	15MHz	SCS 15kHz PI/2 BPSK	1	1	Bottom Surface	0	340500	1702.5	24.00	23.99	100.23%	0.020	0.020	025
NR n70_Aux 2			36	22	Bottom Surface	0	340500	1702.5	24.00	23.85	103.51%	0.018	0.019	-
NR n38_Aux 2	20MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	516000	2580	24.00	23.68	107.65%	0.017	0.018	026
NR n38_Aux 2			1	1	Bottom Surface	0	519000	2595	24.00	23.71	106.91%	0.015	0.016	-
NR n38_Aux 2			1	1	Bottom Surface	0	522000	2610	24.00	23.66	108.14%	0.011	0.012	-
NR n38_Aux 2			25	13	Bottom Surface	0	519000	2595	24.00	23.57	110.41%	0.014	0.015	-
NR n41_PC3_Aux 2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	24.00	23.57	110.41%	0.016	0.018	027
NR n41_PC3_Aux 2			1	1	Bottom Surface	0	518598	2592.99	24.00	23.99	100.23%	0.014	0.014	-
NR n41_PC3_Aux 2			1	1	Bottom Surface	0	528000	2640	24.00	23.68	107.65%	0.015	0.016	-
NR n41_PC3_Aux 2			135	69	Bottom Surface	0	518598	2592.99	24.00	23.86	103.28%	0.013	0.013	-
NR n41_PC2_Aux 2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	27.00	26.02	125.31%	0.029	0.036	028
NR n41_PC2_Aux 2			1	1	Bottom Surface	0	518598	2592.99	27.00	26.55	110.92%	0.024	0.027	-
NR n41_PC2_Aux 2			1	1	Bottom Surface	0	528000	2640	27.00	26.32	116.95%	0.026	0.030	-
NR n41_PC2_Aux 2			135	69	Bottom Surface	0	518598	2592.99	27.00	26.40	114.82%	0.022	0.025	-
NR n48_Aux 2	40MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	638000	3570	22.00	21.52	111.69%	0.032	0.036	-
NR n48_Aux 2			1	1	Bottom Surface	0	641668	3625.02	22.00	21.82	104.23%	0.029	0.030	-
NR n48_Aux 2			1	1	Bottom Surface	0	645332	3679.98	22.00	21.99	100.23%	0.037	0.037	029
NR n48_Aux 2			50	28	Bottom Surface	0	645332	3679.98	22.00	21.80	104.71%	0.032	0.034	-
NR n77_PC3_Part3_Aux 2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	24.00	23.99	100.23%	0.083	0.084	030
NR n77_PC3_Part3_Aux 2			1	1	Bottom Surface	0	653000	3795	24.00	23.60	109.65%	0.074	0.081	-
NR n77_PC3_Part3_Aux 2			1	1	Bottom Surface	0	656000	3840	24.00	23.71	106.91%	0.065	0.069	-
NR n77_PC3_Part3_Aux 2			1	1	Bottom Surface	0	659000	3885	24.00	23.87	103.04%	0.080	0.082	-
NR n77_PC3_Part3_Aux 2			1	1	Bottom Surface	0	662000	3930	24.00	23.57	110.41%	0.061	0.067	-
NR n77_PC3_Part3_Aux 2			135	69	Bottom Surface	0	650000	3750	24.00	23.86	103.28%	0.082	0.085	-
NR n77_PC2_Part3_Aux 2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	27.00	26.99	100.23%	0.221	0.222	031
NR n77_PC2_Part3_Aux 2			1	1	Bottom Surface	0	653000	3795	27.00	26.42	114.29%	0.182	0.208	-
NR n77_PC2_Part3_Aux 2			1	1	Bottom Surface	0	656000	3840	27.00	26.55	110.92%	0.169	0.187	-
NR n77_PC2_Part3_Aux 2			1	1	Bottom Surface	0	659000	3885	27.00	26.66	108.14%	0.203	0.220	-
NR n77_PC2_Part3_Aux 2			1	1	Bottom Surface	0	662000	3930	27.00	26.43	114.02%	0.171	0.195	-
NR n77_PC2_Part3_Aux 2			135	69	Bottom Surface	0	650000	3750	27.00	26.87	103.04%	0.210	0.216	-
NR n77 & n78_PC3_Part1_Aux 2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	633334	3500.01	22.00	21.52	111.69%	0.027	0.030	034
NR n77 & n78_PC3_Part1_Aux 2			1	1	Bottom Surface	0	635834	3537.51	22.00	21.88	102.80%	0.021	0.022	-
NR n77 & n78_PC3_Part1_Aux 2			1	1	Bottom Surface	0	638334	3575.01	22.00	21.54	111.17%	0.019	0.021	-
NR n77 & n78_PC3_Part1_Aux 2			1	1	Bottom Surface	0	640834	3612.51	22.00	21.36	115.88%	0.011	0.013	-
NR n77 & n78_PC3_Part1_Aux 2			1	1	Bottom Surface	0	643334	3650.01	22.00	21.56	110.66%	0.020	0.022	-
NR n77 & n78_PC3_Part1_Aux 2			135	69	Bottom Surface	0	635834	3537.51	22.00	21.81	104.47%	0.018	0.019	-
NR n78_PC3_Part2_Aux 2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	24.00	23.99	100.23%	0.023	0.023	035
NR n78_PC3_Part2_Aux 2			135	69	Bottom Surface	0	650000	3750	24.00	23.79	104.95%	0.020	0.021	-
NR n78_PC2_Part2_Aux 2	100MHz	SCS 30kHz PI/2 BPSK	1	1	Bottom Surface	0	650000	3750	27.00	26.99	100.23%	0.031	0.031	036
NR n78_PC2_Part2_Aux 2			135	69	Bottom Surface	0	650000	3750	27.00	26.87	103.04%	0.027	0.028	-

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

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6.3 Reporting statements of conformity

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

6.4 Conclusion

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

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7 SIMULTANEOUS TRANSMISSION ANALYSIS

7.1 Simultaneous Transmission Scenarios:

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

Note.
All of WLAN/BT SAR data for Laptop mode can be referred to Intel module SAR level, and these results are used for simultaneous transmission analysis.
(For BE200NGW, refer to Report No.: 230526-08.TR13, 230526-08.TR21, 230526-08.TR12)
(For AX211NGW, refer to Report No.: 200611-01.TR07, 210209-01.TR10, 200611-01.TR40)

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7.2 Estimated SAR calculation

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

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

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

7.3 SPLSR evaluation and analysis

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

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

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

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

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

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Simultaneous Transmission Combination

BE200NGW
Main

Exposure Position			FCC Reported SAR									Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
			1	2	3	4	5	6	7	8	9	1+2+3+6	1+4+5+6	1+2+6+7	1+4+6+7	1+4+5+6+7	1+6+7+8	1+6+8+9	1+6+7+8+9
			WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
WCDMA Band II	Bottom Surface	0	0.005	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.755	1.165	0.405	0.815	1.215	0.645	1.215	1.265
WCDMA Band IV	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.753	1.163	0.403	0.813	1.213	0.643	1.213	1.263
WCDMA Band V	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.760	1.170	0.410	0.820	1.220	0.650	1.220	1.270
LTE Band 2_Main	Bottom Surface	0	0.006	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.756	1.166	0.406	0.816	1.216	0.646	1.216	1.266
LTE Band 4_Main	Bottom Surface	0	0.006	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.756	1.166	0.406	0.816	1.216	0.646	1.216	1.266
LTE Band 5_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221	0.651	1.221	1.271
LTE Band 7_Main	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.760	1.170	0.410	0.820	1.220	0.650	1.220	1.270
LTE Band 12_Main	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.759	1.169	0.409	0.819	1.219	0.649	1.219	1.269
LTE Band 13_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221	0.651	1.221	1.271
LTE Band 14_Main	Bottom Surface	0	0.012	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222	0.652	1.222	1.272
LTE Band 17_Main	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.759	1.169	0.409	0.819	1.219	0.649	1.219	1.269
LTE Band 25_Main	Bottom Surface	0	0.002	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.752	1.162	0.402	0.812	1.212	0.642	1.212	1.262
LTE Band 26_FCC_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221	0.651	1.221	1.271
LTE Band 30_Main	Bottom Surface	0	0.006	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.756	1.166	0.406	0.816	1.216	0.646	1.216	1.266
LTE Band 66_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.753	1.163	0.403	0.813	1.213	0.643	1.213	1.263
LTE Band 71_Main	Bottom Surface	0	0.006	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.756	1.166	0.406	0.816	1.216	0.646	1.216	1.266
LTE Band 38_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.753	1.163	0.403	0.813	1.213	0.643	1.213	1.263
LTE Band 41_PC3_Main	Bottom Surface	0	0.004	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.754	1.164	0.404	0.814	1.214	0.644	1.214	1.264
LTE Band 41_PC2_Main	Bottom Surface	0	0.020	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230	0.660	1.230	1.280
LTE Band 42_Part1_Main	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.758	1.168	0.408	0.818	1.218	0.648	1.218	1.268
LTE Band 48_Main	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.758	1.168	0.408	0.818	1.218	0.648	1.218	1.268
NR n2_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221	0.651	1.221	1.271
NR n5_Main	Bottom Surface	0	0.004	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.754	1.164	0.404	0.814	1.214	0.644	1.214	1.264
NR n7_Main	Bottom Surface	0	0.025	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.775	1.185	0.425	0.835	1.235	0.665	1.235	1.285
NR n12_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.753	1.163	0.403	0.813	1.213	0.643	1.213	1.263
NR n13_Main	Bottom Surface	0	0.006	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.756	1.166	0.406	0.816	1.216	0.646	1.216	1.266
NR n14_Main	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.757	1.167	0.407	0.817	1.217	0.647	1.217	1.267
NR n25_Main	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.757	1.167	0.407	0.817	1.217	0.647	1.217	1.267
NR n26_Main	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.757	1.167	0.407	0.817	1.217	0.647	1.217	1.267
NR n30_Main	Bottom Surface	0	0.017	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.767	1.177	0.417	0.827	1.227	0.657	1.227	1.277
NR n66_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221	0.651	1.221	1.271
NR n70_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221	0.651	1.221	1.271
NR n71_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.753	1.163	0.403	0.813	1.213	0.643	1.213	1.263
NR n38_Main	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.773	1.183	0.423	0.833	1.233	0.663	1.233	1.283
NR n41_PC3_Main	Bottom Surface	0	0.022	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.772	1.182	0.422	0.832	1.232	0.662	1.232	1.282
NR n41_PC2_Main	Bottom Surface	0	0.055	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.805	1.215	0.455	0.865	1.265	0.695	1.265	1.315
NR n48_Main	Bottom Surface	0	0.043	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.793	1.203	0.443	0.853	1.253	0.683	1.253	1.303
NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.824	1.234	0.474	0.884	1.284	0.714	1.284	1.334
NR n77_PC2_Part3_Main	Bottom Surface	0	0.082	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.832	1.242	0.482	0.892	1.292	0.722	1.292	1.342
NR n77 & n78_PC3_Part1_Main	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225	0.655	1.225	1.275
NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221	0.651	1.221	1.271
NR n78_PC2_Part2_Main	Bottom Surface	0	0.013	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223	0.653	1.223	1.273

Aux 2

Exposure Position			FCC Reported SAR									Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
			1	2	3	4	5	6	7	8	9	1+2+3+6	1+4+5+6	1+2+6+7	1+4+6+7	1+4+5+6+7	1+6+7+8	1+6+8+9	1+6+7+8+9
			WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 2_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.759	1.169	0.409	0.819	1.219	0.649	1.219	1.269
LTE Band 4_Aux 2	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.757	1.167	0.407	0.817	1.217	0.647	1.217	1.267
LTE Band 7_Aux 2	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225	0.655	1.225	1.275
LTE Band 25_Aux 2	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.758	1.168	0.408	0.818	1.218	0.648	1.218	1.268
LTE Band 30_Aux 2	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225	0.655	1.225	1.275
LTE Band 66_Aux 2	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.758	1.168	0.408	0.818	1.218	0.648	1.218	1.268
LTE Band 38_Aux 2	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225	0.655	1.225	1.275
LTE Band 41_PC3_Aux 2	Bottom Surface	0	0.014	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.764	1.174	0.414	0.824	1.224	0.654	1.224	1.274
LTE Band 41_PC2_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278
LTE Band 42_Part1_Aux 2	Bottom Surface	0	0.080	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.830	1.240	0.480	0.890	1.290	0.720	1.290	1.340
LTE Band 48_Aux 2	Bottom Surface	0	0.068	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.818	1.228	0.468	0.878	1.278	0.708	1.278	1.328
NR n2_Aux 2	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.760	1.170	0.410	0.820	1.220	0.650	1.220	1.270
NR n7_Aux 2	Bottom Surface	0	0.013	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223	0.653	1.223	1.273
NR n25_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.759	1.169	0.409	0.819	1.219	0.649	1.219	1.269
NR n30_Aux 2	Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.773	1.183	0.423	0.833	1.233	0.663	1.233	1.283
NR n70_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.773	1.183	0.423	0.833	1.233	0.663	1.233	1.283
NR n38_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278
NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278
NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.786	1.196	0.436	0.846	1.246	0.676	1.246	1.296
NR n48_Aux 2	Bottom Surface	0	0.037	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.787	1.197	0.437	0.847	1.247	0.677	1.247	1.297
NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.835	1.245	0.485	0.895	1.295	0.725	1.295	1.345
NR n77_PC2_Part3_Aux 2	Bottom Surface	0	0.222	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.972	1.382	0.622	1.032	1.432	0.862	1.432	1.482
NR n77 & n78_PC3_Part1_Aux 2	Bottom Surface	0	0.030	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.780	1.190	0.430	0.840	1.240	0.670	1.240	1.290
NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.773	1.183	0.423	0.833	1.233	0.663	1.233	1.283
NR n78_PC2_Part2_Aux 2	Bottom Surface	0	0.031	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.781	1.191	0.431	0.841	1.241	0.671	1.241	1.291

ULMIMO

FCC Reported SAR																				Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
	Exposure Position		1		Exposure Position		2	3	4	5	6	12	7	8	9	1+2+3+4+12	1+2+5+6+12	1+2+3+7+12	1+2+5+7+12	1+2+5+6+7+12	1+2+7+8+12	1+2+8+9+12	1+2+7+8+9+12
			WWAN				WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)				1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
NR n41_PC3_Main	Bottom Surface	0	0.022	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.790	1.200	0.440	0.850	1.250	0.680	1.250	1.300
NR n41_PC2_Main	Bottom Surface	0	0.055	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.841	1.251	0.491	0.901	1.301	0.731	1.301	1.351
NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.909	1.319	0.559	0.969	1.369	0.799	1.369	1.419
NR n77_PC2_Part3_Main	Bottom Surface	0	0.082	NR n77_PC2_Part3_Aux 2	Bottom Surface	0	0.222	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	1.054	1.464	0.704	1.114	1.514	0.944	1.514	1.564
NR n77 & n78_PC3_Part1_Main	Bottom Surface	0	0.015	NR n77 & n78_PC3_Part1_Aux 2	Bottom Surface	0	0.030	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.795	1.205	0.445	0.855	1.255	0.685	1.255	1.305
NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.784	1.194	0.434	0.844	1.244	0.674	1.244	1.294
NR n78_PC2_Part2_Main	Bottom Surface	0	0.013	NR n78_PC2_Part2_Aux 2	Bottom Surface	0	0.031	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.794	1.204	0.444	0.854	1.254	0.684	1.254	1.304

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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ENDC

FCC Reported SAR																Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
	Exposure Position	1		Exposure Position		2	3	4	5	6	12	7	8	9		1+2+3+4+12	1+2+5+6+12	1+2+3+7+12	1+2+5+7+12	1+2+5+6+7+12	1+2+7+8+12	1+2+8+9+12	1+2+7+8+9+12
		WWAN				WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux		Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)				1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n12_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222	0.652	1.222	1.272
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n14_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222	0.652	1.222	1.272
LTE Band 2_Main	Bottom Surface	0	0.006	NR n30_Aux 2	Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237	0.667	1.237	1.287
LTE Band 2_Main	Bottom Surface	0	0.006	NR n38_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
LTE Band 2_Main	Bottom Surface	0	0.006	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
LTE Band 2_Main	Bottom Surface	0	0.006	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.792	1.202	0.442	0.852	1.252	0.682	1.252	1.302
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n71_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222	0.652	1.222	1.272
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.833	1.243	0.483	0.893	1.293	0.723	1.293	1.343
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n77_PC2_Part3_Main	Bottom Surface	0	0.082	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.841	1.251	0.491	0.901	1.301	0.731	1.301	1.351
LTE Band 4_Main	Bottom Surface	0	0.006	NR n2_Aux 2	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.766	1.176	0.416	0.826	1.226	0.656	1.226	1.276
LTE Band 4_Main	Bottom Surface	0	0.006	NR n38_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
LTE Band 4_Main	Bottom Surface	0	0.006	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
LTE Band 4_Main	Bottom Surface	0	0.006	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.792	1.202	0.442	0.852	1.252	0.682	1.252	1.302
LTE Band 5_Main	Bottom Surface	0	0.011	NR n2_Aux 2	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
LTE Band 5_Main	Bottom Surface	0	0.011	NR n26_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230	0.660	1.230	1.280
LTE Band 5_Main	Bottom Surface	0	0.011	NR n30_Aux 2	Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.782	1.192	0.432	0.842	1.242	0.672	1.242	1.292
LTE Band 5_Main	Bottom Surface	0	0.011	NR n38_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289
LTE Band 5_Main	Bottom Surface	0	0.011	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289
LTE Band 5_Main	Bottom Surface	0	0.011	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.797	1.207	0.447	0.857	1.257	0.687	1.257	1.307
LTE Band 5_Main	Bottom Surface	0	0.011	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.846	1.256	0.496	0.906	1.306	0.736	1.306	1.356
LTE Band 5_Main	Bottom Surface	0	0.011	NR n77_PC2_Part3_Aux 2	Bottom Surface	0	0.222	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.983	1.393	0.633	1.043	1.443	0.873	1.443	1.493
LTE Band 7_Main	Bottom Surface	0	0.010	NR n25_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229	0.659	1.229	1.279
LTE Band 7_Aux 2	Bottom Surface	0	0.015	NR n71_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278
LTE Band 7_Aux 2	Bottom Surface	0	0.015	NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.839	1.249	0.489	0.899	1.299	0.729	1.299	1.349
LTE Band 7_Aux 2	Bottom Surface	0	0.015	NR n77_PC2_Part3_Main	Bottom Surface	0	0.082	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.847	1.257	0.497	0.907	1.307	0.737	1.307	1.357
LTE Band 12_Main	Bottom Surface	0	0.009	NR n2_Aux 2	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229	0.659	1.229	1.279
LTE Band 12_Main	Bottom Surface	0	0.009	NR n7_Aux 2	Bottom Surface	0	0.013	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.772	1.182	0.422	0.832	1.232	0.662	1.232	1.282
LTE Band 12_Main	Bottom Surface	0	0.009	NR n25_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278
LTE Band 12_Main	Bottom Surface	0	0.009	NR n30_Aux 2	Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.780	1.190	0.430	0.840	1.240	0.670	1.240	1.290
LTE Band 12_Main	Bottom Surface	0	0.009	NR n38_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237	0.667	1.237	1.287
LTE Band 12_Main	Bottom Surface	0	0.009	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237	0.667	1.237	1.287
LTE Band 12_Main	Bottom Surface	0	0.009	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.795	1.205	0.445	0.855	1.255	0.685	1.255	1.305
LTE Band 12_Main	Bottom Surface	0	0.009	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.782	1.192	0.432	0.842	1.242	0.672	1.242	1.292
LTE Band 12_Main	Bottom Surface	0	0.009	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.844	1.254	0.494	0.904	1.304	0.734	1.304	1.354
LTE Band 12_Main	Bottom Surface	0	0.009	NR n77_PC2_Part3_Aux 2	Bottom Surface	0	0.222	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.981	1.391	0.631	1.041	1.441	0.871	1.441	1.491
LTE Band 12_Main	Bottom Surface	0	0.009	NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.782	1.192	0.432	0.842	1.242	0.672	1.242	1.292
LTE Band 12_Main	Bottom Surface	0	0.009	NR n78_PC2_Part2_Aux 2	Bottom Surface	0	0.031	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.790	1.200	0.440	0.850	1.250	0.680	1.250	1.300
LTE Band 13_Main	Bottom Surface	0	0.011	NR n2_Aux 2	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
LTE Band 13_Main	Bottom Surface	0	0.011	NR n7_Aux 2	Bottom Surface	0	0.013	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
LTE Band 13_Main	Bottom Surface	0	0.011	NR n25_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230	0.660	1.230	1.280
LTE Band 13_Main	Bottom Surface	0	0.011	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.784	1.194	0.434	0.844	1.244	0.674	1.244	1.294
LTE Band 13_Main	Bottom Surface	0	0.011	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.846	1.256	0.496	0.906	1.306	0.736	1.306	1.356
LTE Band 13_Main	Bottom Surface	0	0.011	NR n77_PC2_Part3_Aux 2	Bottom Surface	0	0.222	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.983	1.393	0.633	1.043	1.443	0.873	1.443	1.493
LTE Band 13_Main	Bottom Surface	0	0.011	NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.784	1.194	0.434	0.844	1.244	0.674	1.244	1.294
LTE Band 13_Main	Bottom Surface	0	0.011	NR n78_PC2_Part2_Aux 2	Bottom Surface	0	0.031	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.792	1.202	0.442	0.852	1.252	0.682	1.252	1.302

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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FCC Reported SAR																Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
	Exposure Position	1		Exposure Position		2	3	4	5	6	12	7	8	9		1+2+3+4+12 Summed	1+2+5+6+12 Summed	1+2+3+7+12 Summed	1+2+5+7+12 Summed	1+2+5+6+7+12 Summed	1+2+7+8+12 Summed	1+2+8+9+12 Summed	1+2+7+8+9+12 Summed
		WWAN				WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux									
		1g SAR (W/kg)				1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 2_Main	Bottom Surface	0	0.006	LTE Band 4_Aux 2	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223	0.653	1.223	1.273
LTE Band 2_Aux 2	Bottom Surface	0	0.009	LTE Band 4_Main	Bottom Surface	0	0.006	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225	0.655	1.225	1.275
LTE Band 2_Aux 2	Bottom Surface	0	0.009	LTE Band 5_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230	0.660	1.230	1.280
LTE Band 2_Aux 2	Bottom Surface	0	0.009	LTE Band 12_Main	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278
LTE Band 2_Aux 2	Bottom Surface	0	0.009	LTE Band 13_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230	0.660	1.230	1.280
LTE Band 2_Aux 2	Bottom Surface	0	0.009	LTE Band 14_Main	Bottom Surface	0	0.012	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
LTE Band 2_Main	Bottom Surface	0	0.006	LTE Band 30_Aux 2	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
LTE Band 2_Aux 2	Bottom Surface	0	0.009	LTE Band 30_Main	Bottom Surface	0	0.006	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225	0.655	1.225	1.275
LTE Band 2_Main	Bottom Surface	0	0.006	LTE Band 66_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.759	1.169	0.409	0.819	1.219	0.649	1.219	1.269
LTE Band 2_Aux 2	Bottom Surface	0	0.009	LTE Band 66_Aux 2	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.767	1.177	0.417	0.827	1.227	0.657	1.227	1.277
LTE Band 4_Aux 2	Bottom Surface	0	0.007	LTE Band 5_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278
LTE Band 4_Aux 2	Bottom Surface	0	0.007	LTE Band 12_Main	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.766	1.176	0.416	0.826	1.226	0.656	1.226	1.276
LTE Band 4_Aux 2	Bottom Surface	0	0.007	LTE Band 13_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278
LTE Band 4_Main	Bottom Surface	0	0.006	LTE Band 30_Aux 2	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
LTE Band 4_Aux 2	Bottom Surface	0	0.007	LTE Band 30_Main	Bottom Surface	0	0.006	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223	0.653	1.223	1.273
LTE Band 5_Main	Bottom Surface	0	0.011	LTE Band 30_Aux 2	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.776	1.186	0.426	0.836	1.236	0.666	1.236	1.286
LTE Band 5_Main	Bottom Surface	0	0.011	LTE Band 66_Aux 2	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229	0.659	1.229	1.279
LTE Band 12_Main	Bottom Surface	0	0.009	LTE Band 30_Aux 2	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
LTE Band 12_Main	Bottom Surface	0	0.009	LTE Band 66_Aux 2	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.767	1.177	0.417	0.827	1.227	0.657	1.227	1.277
LTE Band 13_Main	Bottom Surface	0	0.011	LTE Band 66_Aux 2	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229	0.659	1.229	1.279
LTE Band 14_Main	Bottom Surface	0	0.012	LTE Band 30_Aux 2	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237	0.667	1.237	1.287
LTE Band 14_Main	Bottom Surface	0	0.012	LTE Band 66_Aux 2	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230	0.660	1.230	1.280
LTE Band 30_Main	Bottom Surface	0	0.006	LTE Band 66_Aux 2	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.764	1.174	0.414	0.824	1.224	0.654	1.224	1.274
LTE Band 30_Aux 2	Bottom Surface	0	0.015	LTE Band 66_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228	0.658	1.228	1.278

FCC Reported SAR																Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
	Exposure Position	1		Exposure Position		2	3	4	5	6	12	7	8	9		1+2+3+4+12 Summed	1+2+5+6+12 Summed	1+2+3+7+12 Summed	1+2+5+7+12 Summed	1+2+5+6+7+12 Summed	1+2+7+8+12 Summed	1+2+8+9+12 Summed	1+2+7+8+9+12 Summed
		WWAN				WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux									
		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)
NR n2_Aux 2	Bottom Surface	0	0.010	NR n5_Main	Bottom Surface	0	0.004	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.764	1.174	0.414	0.824	1.224	0.654	1.224	1.274
NR n2_Main	Bottom Surface	0	0.011	NR n7_Aux 2	Bottom Surface	0	0.013	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
NR n2_Aux 2	Bottom Surface	0	0.010	NR n7_Main	Bottom Surface	0	0.025	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.785	1.195	0.435	0.845	1.245	0.675	1.245	1.295
NR n2_Aux 2	Bottom Surface	0	0.010	NR n12_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223	0.653	1.223	1.273
NR n2_Aux 2	Bottom Surface	0	0.010	NR n14_Main	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.767	1.177	0.417	0.827	1.227	0.657	1.227	1.277
NR n2_Main	Bottom Surface	0	0.011	NR n30_Aux 2	Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.782	1.192	0.432	0.842	1.242	0.672	1.242	1.292
NR n2_Aux 2	Bottom Surface	0	0.010	NR n30_Main	Bottom Surface	0	0.017	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237	0.667	1.237	1.287
NR n2_Main	Bottom Surface	0	0.011	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289
NR n2_Aux 2	Bottom Surface	0	0.010	NR n41_PC3_Main	Bottom Surface	0	0.022	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.782	1.192	0.432	0.842	1.242	0.672	1.242	1.292
NR n2_Aux 2	Bottom Surface	0	0.010	NR n48_Main	Bottom Surface	0	0.043	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.803	1.213	0.453	0.863	1.263	0.693	1.263	1.313
NR n2_Main	Bottom Surface	0	0.011	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.784	1.194	0.434	0.844	1.244	0.674	1.244	1.294
NR n2_Aux 2	Bottom Surface	0	0.010	NR n66_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
NR n2_Aux 2	Bottom Surface	0	0.010	NR n71_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223	0.653	1.223	1.273
NR n2_Aux 2	Bottom Surface	0	0.010	NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.834	1.244	0.484	0.894	1.294	0.724	1.294	1.344
NR n2_Aux 2	Bottom Surface	0	0.010	NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
NR n5_Main	Bottom Surface	0	0.004	NR n7_Aux 2	Bottom Surface	0	0.013	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.767	1.177	0.417	0.827	1.227	0.657	1.227	1.277
NR n5_Main	Bottom Surface	0	0.004	NR n25_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223	0.653	1.223	1.273
NR n5_Main	Bottom Surface	0	0.004	NR n30_Aux 2	Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.775	1.185	0.425	0.835	1.235	0.665	1.235	1.285
NR n5_Main	Bottom Surface	0	0.004	NR n48_Aux 2	Bottom Surface	0	0.037	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.791	1.201	0.441	0.851	1.251	0.681	1.251	1.301
NR n5_Main	Bottom Surface	0	0.004	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237	0.667	1.237	1.287
NR n5_Main	Bottom Surface	0	0.004	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.839	1.249	0.489	0.899	1.299	0.729	1.299	1.349
NR n5_Main	Bottom Surface	0	0.004	NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237	0.667	1.237	1.287
NR n7_Aux 2	Bottom Surface	0	0.013	NR n12_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.766	1.176	0.416	0.826	1.226	0.656	1.226	1.276
NR n7_Main	Bottom Surface	0	0.025	NR n25_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.784	1.194	0.434	0.844	1.244	0.674	1.244	1.294
NR n7_Aux 2	Bottom Surface	0	0.013	NR n25_Main	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230	0.660	1.230	1.280
NR n7_Main	Bottom Surface	0	0.025	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.798	1.208	0.448	0.858	1.258	0.688	1.258	1.308
NR n7_Aux 2	Bottom Surface	0	0.013	NR n66_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
NR n7_Aux 2	Bottom Surface	0	0.013	NR n71_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.766	1.176	0.416	0.826	1.226	0.656	1.226	1.276
NR n7_Aux 2	Bottom Surface	0	0.013	NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.837	1.247	0.487	0.897	1.297	0.727	1.297	1.347
NR n7_Aux 2	Bottom Surface	0	0.013	NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
NR n12_Main	Bottom Surface	0	0.003	NR n25_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222	0.652	1.222	1.272
NR n12_Main	Bottom Surface	0	0.003	NR n30_Aux 2	Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.774	1.184	0.424	0.834	1.234	0.664	1.234	1.284
NR n12_Main	Bottom Surface	0	0.003	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
NR n12_Main	Bottom Surface	0	0.003	NR n48_Aux 2	Bottom Surface	0	0.037	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.790	1.200	0.440	0.850	1.250	0.680	1.250	1.300
NR n12_Main	Bottom Surface	0	0.003	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.776	1.186	0.426	0.836	1.236	0.666	1.236	1.286
NR n12_Main	Bottom Surface	0	0.003	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.838	1.248	0.488	0.898	1.298	0.728	1.298	1.348
NR n12_Main	Bottom Surface	0	0.003	NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.776	1.186	0.426	0.836	1.236	0.666	1.236	1.286
NR n13_Main	Bottom Surface	0	0.006	NR n25_Aux 2	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225	0.655	1.225	1.275
NR n13_Main	Bottom Surface	0	0.006	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289
NR n14_Main	Bottom Surface	0	0.007	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.780	1.190	0.430	0.840	1.240	0.670	1.240	1.290
NR n14_Main	Bottom Surface	0	0.007	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.842	1.252	0.492	0.902	1.302	0.732	1.302	1.352
NR n25_Main	Bottom Surface	0	0.007	NR n38_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.775	1.185	0.425	0.835	1.235	0.665	1.235	1.285
NR n25_Aux 2	Bottom Surface	0	0.009	NR n38_Main	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.782	1.192	0.432	0.842	1.242	0.672	1.242	1.292
NR n25_Main	Bottom Surface	0	0.007	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.775	1.185	0.425	0.835	1.235	0.665	1.235	1.285
NR n25_Aux 2	Bottom Surface	0	0.009	NR n41_PC3_Main	Bottom Surface	0	0.022	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.781	1.191	0.431	0.841	1.241	0.671	1.241	1.291
NR n25_Aux 2	Bottom Surface	0	0.009	NR n48_Main	Bottom Surface	0	0.043	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.802	1.212	0.452	0.862	1.262	0.692	1.262	1.312
NR n25_Main	Bottom Surface	0	0.007	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.780	1.190	0.430	0.840	1.240	0.670	1.240	1.290
NR n25_Aux 2	Bottom Surface	0	0.009	NR n66_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230	0.660	1.230	1.280
NR n25_Aux 2	Bottom Surface	0	0.009	NR n71_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222	0.652	1.222	1.272
NR n25_Aux 2	Bottom Surface	0	0.009	NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.833	1.243	0.483	0.893	1.293	0.723	1.293	1.343
NR n25_Aux 2	Bottom Surface	0	0.009	NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289
NR n25_Main	Bottom Surface	0	0.007	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.780	1.190	0.430	0.840	1.240	0.670	1.240	1.290
NR n30_Main	Bottom Surface	0	0.017	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.790	1.200	0.440	0.850	1.250	0.680	1.250	1.300
NR n30_Aux 2	Bottom Surface	0	0.021	NR n66_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.782	1.192	0.432	0.842	1.242	0.672	1.242	1.292
NR n30_Main	Bottom Surface	0	0.017	NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.841	1.251	0.491	0.901	1.301	0.731	1.301	1.351
NR n66_Aux 2	Bottom Surface	0	0.023	NR n71_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.776	1.186	0.426	0.836	1.236	0.666	1.236	1.286
NR n66_Aux 2	Bottom Surface	0	0.023	NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.847	1.257	0.497	0.907	1.307	0.737	1.307	1.357
NR n66_Aux 2	Bottom Surface	0	0.023	NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.784	1.194	0.434	0.844	1.244	0.674	1.244	1.294
NR n71_Main	Bottom Surface	0	0.003	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.838	1.248	0.488	0.898	1.298	0.728	1.298	1.348
NR n71_Main	Bottom Surface	0	0.003	NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.776	1.186	0.426	0.836	1.236	0.666	1.236	1.286
NR n38_Main	Bottom Surface	0	0.023	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.796	1.206	0.446	0.856	1.256	0.686	1.256	1.306
NR n38_Aux 2	Bottom Surface	0	0.018	NR n66_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289
NR n38_Aux 2	Bottom Surface	0	0.018	NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289
NR n41_PC3_Aux 2	Bottom Surface	0	0.018	NR n48_Main	Bottom Surface	0	0.043	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.811	1.221	0.461	0.871	1.271	0.701	1.271	1.321
NR n41_PC3_Main	Bottom Surface	0	0.022	NR n66_Aux 2	Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.795	1.205	0.445	0.855	1.255	0.685	1.255	1.305
NR n41_PC3_Aux 2	Bottom Surface	0	0.018	NR n66_Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289
NR n41_PC3_Aux 2	Bottom Surface	0	0.018	NR n71_Main	Bottom Surface	0	0.003	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281
NR n41_PC3_Aux 2	Bottom Surface	0	0.018	NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.842	1.252	0.492	0.902	1.302	0.732	1.302	1.352
NR n41_PC3_Aux 2	Bottom Surface	0	0.018	NR n78_PC3_Part2_Main	Bottom Surface	0	0.011

AX211NGW

Main

	Exposure Position		FCC Reported SAR									Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
			1	2	3	4	5	12	7	8	9	1+2+3+12	1+4+5+12	1+2+7+12	1+4+7+12	1+4+5+7+12	1+7+8+12	1+8+9+12	1+7+8+9+12
			WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
WCDMA Band II	Bottom Surface	0	0.005	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.865	1.155	0.525	0.815	1.215	0.325	0.525	0.585
WCDMA Band IV	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.863	1.153	0.523	0.813	1.213	0.323	0.523	0.583
WCDMA Band V	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.870	1.160	0.530	0.820	1.220	0.330	0.530	0.590
LTE Band 2_Main	Bottom Surface	0	0.006	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.866	1.156	0.526	0.816	1.216	0.326	0.526	0.586
LTE Band 4_Main	Bottom Surface	0	0.006	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.866	1.156	0.526	0.816	1.216	0.326	0.526	0.586
LTE Band 5_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591
LTE Band 7_Main	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.870	1.160	0.530	0.820	1.220	0.330	0.530	0.590
LTE Band 12_Main	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.869	1.159	0.529	0.819	1.219	0.329	0.529	0.589
LTE Band 13_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591
LTE Band 14_Main	Bottom Surface	0	0.012	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.872	1.162	0.532	0.822	1.222	0.332	0.532	0.592
LTE Band 17_Main	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.869	1.159	0.529	0.819	1.219	0.329	0.529	0.589
LTE Band 25_Main	Bottom Surface	0	0.002	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.862	1.152	0.522	0.812	1.212	0.322	0.522	0.582
LTE Band 26_FCC_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591
LTE Band 30_Main	Bottom Surface	0	0.006	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.866	1.156	0.526	0.816	1.216	0.326	0.526	0.586
LTE Band 66_Main	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.863	1.153	0.523	0.813	1.213	0.323	0.523	0.583
LTE Band 71_Main	Bottom Surface	0	0.006	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.866	1.156	0.526	0.816	1.216	0.326	0.526	0.586
LTE Band 38_Main	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.863	1.153	0.523	0.813	1.213	0.323	0.523	0.583
LTE Band 41_PC3_Main	Bottom Surface	0	0.004	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.864	1.154	0.524	0.814	1.214	0.324	0.524	0.584
LTE Band 41_PC2_Main	Bottom Surface	0	0.020	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.880	1.170	0.540	0.830	1.230	0.340	0.540	0.600
LTE Band 42_Part1_Main	Bottom Surface	0	0.008	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.868	1.158	0.528	0.818	1.218	0.328	0.528	0.588
LTE Band 48_Main	Bottom Surface	0	0.008	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.868	1.158	0.528	0.818	1.218	0.328	0.528	0.588
NR n2_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591
NR n5_Main	Bottom Surface	0	0.004	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.864	1.154	0.524	0.814	1.214	0.324	0.524	0.584
NR n7_Main	Bottom Surface	0	0.025	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.885	1.175	0.545	0.835	1.235	0.345	0.545	0.605
NR n12_Main	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.863	1.153	0.523	0.813	1.213	0.323	0.523	0.583
NR n13_Main	Bottom Surface	0	0.006	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.866	1.156	0.526	0.816	1.216	0.326	0.526	0.586
NR n14_Main	Bottom Surface	0	0.007	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.867	1.157	0.527	0.817	1.217	0.327	0.527	0.587
NR n25_Main	Bottom Surface	0	0.007	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.867	1.157	0.527	0.817	1.217	0.327	0.527	0.587
NR n26_Main	Bottom Surface	0	0.007	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.867	1.157	0.527	0.817	1.217	0.327	0.527	0.587
NR n30_Main	Bottom Surface	0	0.017	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.877	1.167	0.537	0.827	1.227	0.337	0.537	0.597
NR n66_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591
NR n70_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591
NR n71_Main	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.863	1.153	0.523	0.813	1.213	0.323	0.523	0.583
NR n38_Main	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.883	1.173	0.543	0.833	1.233	0.343	0.543	0.603
NR n41_PC3_Main	Bottom Surface	0	0.022	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.882	1.172	0.542	0.832	1.232	0.342	0.542	0.602
NR n41_PC2_Main	Bottom Surface	0	0.055	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.915	1.205	0.575	0.865	1.265	0.375	0.575	0.635
NR n48_Main	Bottom Surface	0	0.043	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.903	1.193	0.563	0.853	1.253	0.363	0.563	0.623
NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.934	1.224	0.594	0.884	1.284	0.394	0.594	0.654
NR n77_PC2_Part3_Main	Bottom Surface	0	0.082	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.942	1.232	0.602	0.892	1.292	0.402	0.602	0.662
NR n77 & n78_PC3_Part1_Main	Bottom Surface	0	0.015	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.875	1.165	0.535	0.825	1.225	0.335	0.535	0.595
NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591
NR n78_PC2_Part2_Main	Bottom Surface	0	0.013	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.873	1.163	0.533	0.823	1.223	0.333	0.533	0.593

Aux 2

	Exposure Position		FCC Reported SAR									Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
			1	2	3	4	5	12	7	8	9	1+2+3+12	1+4+5+12	1+2+7+12	1+4+7+12	1+4+5+7+12	1+7+8+12	1+8+9+12	1+7+8+9+12
			WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 2_Aux 2	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.869	1.159	0.529	0.819	1.219	0.329	0.529	0.589
LTE Band 4_Aux 2	Bottom Surface	0	0.007	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.867	1.157	0.527	0.817	1.217	0.327	0.527	0.587
LTE Band 7_Aux 2	Bottom Surface	0	0.015	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.875	1.165	0.535	0.825	1.225	0.335	0.535	0.595
LTE Band 25_Aux 2	Bottom Surface	0	0.008	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.868	1.158	0.528	0.818	1.218	0.328	0.528	0.588
LTE Band 30_Aux 2	Bottom Surface	0	0.015	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.875	1.165	0.535	0.825	1.225	0.335	0.535	0.595
LTE Band 66_Aux 2	Bottom Surface	0	0.008	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.868	1.158	0.528	0.818	1.218	0.328	0.528	0.588
LTE Band 38_Aux 2	Bottom Surface	0	0.015	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.875	1.165	0.535	0.825	1.225	0.335	0.535	0.595
LTE Band 41_PC3_Aux 2	Bottom Surface	0	0.014	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.874	1.164	0.534	0.824	1.224	0.334	0.534	0.594
LTE Band 41_PC2_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598
LTE Band 42_Part1_Aux 2	Bottom Surface	0	0.080	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.940	1.230	0.600	0.890	1.290	0.400	0.600	0.660
LTE Band 48_Aux 2	Bottom Surface	0	0.068	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.928	1.218	0.588	0.878	1.278	0.388	0.588	0.648
NR n2_Aux 2	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.870	1.160	0.530	0.820	1.220	0.330	0.530	0.590
NR n7_Aux 2	Bottom Surface	0	0.013	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.873	1.163	0.533	0.823	1.223	0.333	0.533	0.593
NR n25_Aux 2	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.869	1.159	0.529	0.819	1.219	0.329	0.529	0.589
NR n30_Aux 2	Bottom Surface	0	0.021	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.881	1.171	0.541	0.831	1.231	0.341	0.541	0.601
NR n66_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.883	1.173	0.543	0.833	1.233	0.343	0.543	0.603
NR n70_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.883	1.173	0.543	0.833	1.233	0.343	0.543	0.603
NR n38_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598
NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598
NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.896	1.186	0.556	0.846	1.246	0.356	0.556	0.616
NR n48_Aux 2	Bottom Surface	0	0.037	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.897	1.187	0.557	0.847	1.247	0.357	0.557	0.617
NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.945	1.235	0.605	0.895	1.295	0.405	0.605	0.665
NR n77_PC2_Part3_Aux 2	Bottom Surface	0	0.222	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.082	1.372	0.742	1.032	1.432	0.542	0.742	0.802
NR n77 & n78_PC3_Part1_Aux 2	Bottom Surface	0	0.030	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.890	1.180	0.550	0.840	1.240	0.350	0.550	0.610
NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.883	1.173	0.543	0.833	1.233	0.343	0.543	0.603
NR n78_PC2_Part2_Aux 2	Bottom Surface	0	0.031	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.891	1.181	0.551	0.841	1.241	0.351	0.551	0.611

ULMIMO

FCC Reported SAR																	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
Exposure Position		1		Exposure Position		2	3	4	5	6	12	7	8	9	1+2+3+4+12	1+2+5+6+12	1+2+3+7+12	1+2+5+7+12	1+2+5+6+7+12	1+2+7+8+12	1+2+8+9+12	1+2+7+8+9+12
		WWAN				WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	6GHz WLAN Main	6GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)				1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
NR n41_PC3_Main	Bottom Surfac	0	0.022	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.900	1.190	0.560	0.850	1.250	0.360	0.560	0.620
NR n41_PC2_Main	Bottom Surface	0	0.055	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.951	1.241	0.611	0.901	1.301	0.411	0.611	0.671
NR n77_PC3_Part3_Main	Bottom Surface	0	0.074	NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.085	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.019	1.309	0.679	0.969	1.369	0.479	0.679	0.739
NR n77_PC2_Part3_Main	Bottom Surface	0	0.082	NR n77_PC2_Part3_Aux 2	Bottom Surface	0	0.222	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.164	1.454	0.824	1.114	1.514	0.624	0.824	0.884
NR n77 & n78_PC3_Part1_Main	Bottom Surface	0	0.015	NR n77 & n78_PC3_Part1_Aux 2	Bottom Surface	0	0.030	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.905	1.195	0.565	0.855	1.255	0.365	0.565	0.625
NR n78_PC3_Part2_Main	Bottom Surface	0	0.011	NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.894	1.184	0.554	0.844	1.244	0.354	0.554	0.614
NR n78_PC2_Part2_Main	Bottom Surface	0	0.013	NR n78_PC2_Part2_Aux 2	Bottom Surface	0	0.031	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.904	1.194	0.564	0.854	1.254	0.364	0.564	0.624

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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ENDC

FCC Reported SAR																							
	Exposure Position	1 WWAN 1g SAR (W/kg)		Exposure Position		2 WWAN 1g SAR (W/kg)	3 2.4GHz WLAN Main 1g SAR (W/kg)	4 2.4GHz WLAN Aux 1g SAR (W/kg)	5 5GHz WLAN Main 1g SAR (W/kg)	6 5GHz WLAN Aux 1g SAR (W/kg)	12 NFC 1g SAR (W/kg)	7 Bluetooth Aux 1g SAR (W/kg)	8 6GHz WLAN Main 1g SAR (W/kg)	9 6GHz WLAN Aux 1g SAR (W/kg)	Scenario 1 1+2+3+4 Summed 1g SAR (W/kg)	Scenario 2 1+2+5+6 Summed 1g SAR (W/kg)	Scenario 3 1+2+3+7 Summed 1g SAR (W/kg)	Scenario 4 1+2+5+7 Summed 1g SAR (W/kg)	Scenario 5 1+2+5+6+7 Summed 1g SAR (W/kg)	Scenario 6 1+2+7+8 Summed 1g SAR (W/kg)	Scenario 7 1+2+8+9 Summed 1g SAR (W/kg)	Scenario 8 1+2+7+8+9 Summed 1g SAR (W/kg)
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n12_Main	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.872	1.162	0.532	0.822	1.222	0.332	0.532	0.592
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n14_Main	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.872	1.162	0.532	0.822	1.222	0.332	0.532	0.592
LTE Band 2_Main	Bottom Surface	0	0.006	NR n30_Aux 2	Bottom Surface	0	0.021	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.887	1.177	0.547	0.837	1.237	0.347	0.547	0.607
LTE Band 2_Main	Bottom Surface	0	0.006	NR n38_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.884	1.174	0.544	0.834	1.234	0.344	0.544	0.604
LTE Band 2_Main	Bottom Surface	0	0.006	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.884	1.174	0.544	0.834	1.234	0.344	0.544	0.604
LTE Band 2_Main	Bottom Surface	0	0.006	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.902	1.192	0.562	0.852	1.252	0.362	0.562	0.622
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n71_Main	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.872	1.162	0.532	0.822	1.222	0.332	0.532	0.592
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n77_PC3_FCC_Main	Bottom Surface	0	0.074	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.943	1.233	0.603	0.893	1.293	0.403	0.603	0.663
LTE Band 2_Aux 2	Bottom Surface	0	0.009	NR n77_PC2_FCC_Main	Bottom Surface	0	0.082	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.951	1.241	0.611	0.901	1.301	0.411	0.611	0.671
LTE Band 4_Main	Bottom Surface	0	0.006	NR n2_Aux 2	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.876	1.166	0.536	0.826	1.226	0.336	0.536	0.596
LTE Band 4_Main	Bottom Surface	0	0.006	NR n38_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.884	1.174	0.544	0.834	1.234	0.344	0.544	0.604
LTE Band 4_Main	Bottom Surface	0	0.006	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.884	1.174	0.544	0.834	1.234	0.344	0.544	0.604
LTE Band 4_Main	Bottom Surface	0	0.006	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.902	1.192	0.562	0.852	1.252	0.362	0.562	0.622
LTE Band 5_Main	Bottom Surface	0	0.011	NR n2_Aux 2	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.881	1.171	0.541	0.831	1.231	0.341	0.541	0.601
LTE Band 5_Main	Bottom Surface	0	0.011	NR n25_Aux 2	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.880	1.170	0.540	0.830	1.230	0.340	0.540	0.600
LTE Band 5_Main	Bottom Surface	0	0.011	NR n30_Aux 2	Bottom Surface	0	0.021	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.892	1.182	0.552	0.842	1.242	0.352	0.552	0.612
LTE Band 5_Main	Bottom Surface	0	0.011	NR n38_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.889	1.179	0.549	0.839	1.239	0.349	0.549	0.609
LTE Band 5_Main	Bottom Surface	0	0.011	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.889	1.179	0.549	0.839	1.239	0.349	0.549	0.609
LTE Band 5_Main	Bottom Surface	0	0.011	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.907	1.197	0.567	0.857	1.257	0.367	0.567	0.627
LTE Band 5_Main	Bottom Surface	0	0.011	NR n77_PC3_FCC_Aux 2	Bottom Surface	0	0.085	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.956	1.246	0.616	0.906	1.306	0.416	0.616	0.676
LTE Band 5_Main	Bottom Surface	0	0.011	NR n77_PC2_FCC_Aux 2	Bottom Surface	0	0.222	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.093	1.383	0.753	1.043	1.443	0.553	0.753	0.813
LTE Band 7_Main	Bottom Surface	0	0.010	NR n25_Aux 2	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.879	1.169	0.539	0.829	1.229	0.339	0.539	0.599
LTE Band 7_Aux 2	Bottom Surface	0	0.015	NR n71_Main	Bottom Surface	0	0.003	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598
LTE Band 7_Aux 2	Bottom Surface	0	0.015	NR n77_PC3_FCC_Main	Bottom Surface	0	0.074	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.949	1.239	0.609	0.899	1.299	0.409	0.609	0.669
LTE Band 7_Aux 2	Bottom Surface	0	0.015	NR n77_PC2_FCC_Main	Bottom Surface	0	0.082	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.957	1.247	0.617	0.907	1.307	0.417	0.617	0.677
LTE Band 12_Main	Bottom Surface	0	0.009	NR n2_Aux 2	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.879	1.169	0.539	0.829	1.229	0.339	0.539	0.599
LTE Band 12_Main	Bottom Surface	0	0.009	NR n7_Aux 2	Bottom Surface	0	0.013	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.882	1.172	0.542	0.832	1.232	0.342	0.542	0.602
LTE Band 12_Main	Bottom Surface	0	0.009	NR n25_Aux 2	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598
LTE Band 12_Main	Bottom Surface	0	0.009	NR n30_Aux 2	Bottom Surface	0	0.021	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.890	1.180	0.550	0.840	1.240	0.350	0.550	0.610
LTE Band 12_Main	Bottom Surface	0	0.009	NR n38_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.887	1.177	0.547	0.837	1.237	0.347	0.547	0.607
LTE Band 12_Main	Bottom Surface	0	0.009	NR n41_PC3_Aux 2	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.887	1.177	0.547	0.837	1.237	0.347	0.547	0.607
LTE Band 12_Main	Bottom Surface	0	0.009	NR n41_PC2_Aux 2	Bottom Surface	0	0.036	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.905	1.195	0.565	0.855	1.255	0.365	0.565	0.625
LTE Band 12_Main	Bottom Surface	0	0.009	NR n66_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.892	1.182	0.552	0.842	1.242	0.352	0.552	0.612
LTE Band 12_Main	Bottom Surface	0	0.009	NR n77_PC3_FCC_Aux 2	Bottom Surface	0	0.085	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.954	1.244	0.614	0.904	1.304	0.414	0.614	0.674
LTE Band 12_Main	Bottom Surface	0	0.009	NR n77_PC2_FCC_Aux 2	Bottom Surface	0	0.222	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.091	1.381	0.751	1.041	1.441	0.551	0.751	0.811
LTE Band 12_Main	Bottom Surface	0	0.009	NR n78_PC3_FCC_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.892	1.182	0.552	0.842	1.242	0.352	0.552	0.612
LTE Band 12_Main	Bottom Surface	0	0.009	NR n78_PC2_FCC_Aux 2	Bottom Surface	0	0.031	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.900	1.190	0.560	0.850	1.250	0.360	0.560	0.620
LTE Band 13_Main	Bottom Surface	0	0.011	NR n2_Aux 2	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.881	1.171	0.541	0.831	1.231	0.341	0.541	0.601
LTE Band 13_Main	Bottom Surface	0	0.011	NR n7_Aux 2	Bottom Surface	0	0.013	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.884	1.174	0.544	0.834	1.234	0.344	0.544	0.604
LTE Band 13_Main	Bottom Surface	0	0.011	NR n25_Aux 2	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.880	1.170	0.540	0.830	1.230	0.340	0.540	0.600
LTE Band 13_Main	Bottom Surface	0	0.011	NR n66_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.894	1.184	0.554	0.844	1.244	0.354	0.554	0.614
LTE Band 13_Main	Bottom Surface	0	0.011	NR n77_PC3_FCC_Aux 2	Bottom Surface	0	0.085	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.956	1.246	0.616	0.906	1.306	0.416	0.616	0.676
LTE Band 13_Main	Bottom Surface	0	0.011	NR n77_PC2_FCC_Aux 2	Bottom Surface	0	0.222	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.093	1.383	0.753	1.043	1.443	0.553	0.753	0.813
LTE Band 13_Main	Bottom Surface	0	0.011	NR n78_PC3_FCC_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.894	1.184	0.554	0.844	1.244	0.354	0.554	0.614
LTE Band 13_Main	Bottom Surface	0	0.011	NR n78_PC2_FCC_Aux 2	Bottom Surface	0	0.031	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.902	1.192	0.562	0.852	1.252	0.362	0.562	0.622

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Inter CA

| FCC Reported SAR | | |

8 INSTRUMENTS LIST

Equipment List					
Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Data acquisition Electronics	DAE4	856	Apr/22/2024	Apr/21/2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7509	Apr/23/2024	Apr/22/2025
SPEAG	System Validation Dipole	D750V3	1015	Sep/18/2023	Sep/17/2024
SPEAG	System Validation Dipole	D835V2	4d063	Sep/20/2023	Sep/19/2024
SPEAG	System Validation Dipole	D1750V2	1008	Sep/19/2023	Sep/18/2024
SPEAG	System Validation Dipole	D1900V2	5d173	Apr/25/2024	Apr/24/2025
SPEAG	System Validation Dipole	D2300V2	1009	Aug/25/2023	Aug/24/2024
SPEAG	System Validation Dipole	D2600V2	1005	Jan/22/2024	Jan/21/2025
SPEAG	System Validation Dipole	D3500V2	1009	Sep/19/2023	Sep/18/2024
SPEAG	System Validation Dipole	D3700V2	1057	Nov/20/2023	Nov/19/2024
SPEAG	System Validation Dipole	D3900V2	1032	Nov/21/2023	Nov/20/2024
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/21/2024	Feb/20/2025
R&S	MXG Analog Signal Generator	SMB100A03	182012	May/21/2024	May/20/2025
Agilent	Dual-directional coupler	772D	MY46151258	Sep/26/2023	Sep/25/2024
Agilent	Dual-directional coupler	778D	MY46151242	Sep/26/2023	Sep/25/2024
EMCI	Amplifier	EMC 074225P	980155	Calibration not required	Calibration not required
EMCI	Amplifier	EMC 2830P	980156	Calibration not required	Calibration not required
R&S	Power Sensor	NRP18S	101973	Feb/27/2024	Feb/26/2025
R&S	Power Meter	NRX	102191	Feb/27/2024	Feb/26/2025
R&S	Power Sensor	NRP18S	109065	Oct/23/2023	Oct/22/2024
SPEAG	Software	DASY 52 V52.10.4.1527	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
Anritsu	Radio Communication Test	MT8820C	6201061049	Nov/02/2023	Nov/01/2024
R&S	Radio Communication Test	CMW 500	125470	May/17/2024	May/16/2025
TECPEL	Digital thermometer	DTM-303A	TP131515	May/23/2024	May/22/2025

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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%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	1.20%	N	1	1	0.64	0.43	0.77%	0.52%	M
Liquid Conductivity (mea.)	2.57%	N	1	1	0.6	0.49	1.54%	1.26%	M
Combined standard uncertainty		RSS					11.84%	11.79%	
Expant uncertainty (95% confidence interval), K=2							23.68%	23.57%	

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

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	2.01%	N	1	1	0.64	0.43	1.29%	0.86%	M
Liquid Conductivity (mea.)	2.67%	N	1	1	0.6	0.49	1.60%	1.31%	M
Combined standard uncertainty		RSS					11.60%	11.52%	
Expant uncertainty (95% confidence interval), K=2							23.20%	23.03%	

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10 SAR MEASUREMENT RESULTS

Date: 2024/7/8

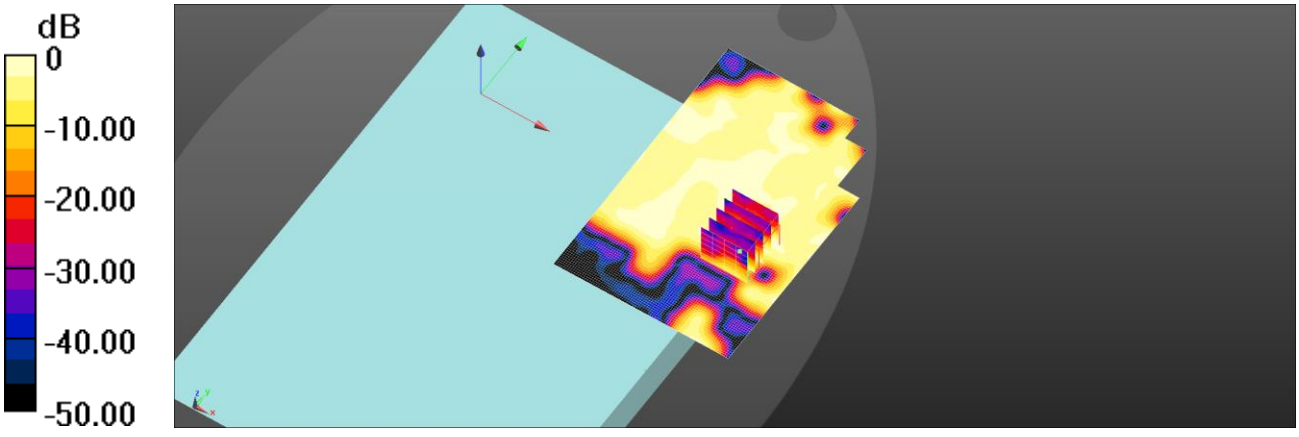
ID: 001
Report No. :TESA2405000278EN
WCDMA Band II_Body_Bottom Surface_CH 9262_0mm_Main
Communication System: WCDMA; Frequency: 1852.4 MHz; Duty cycle= 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.411 S/m; ε_r = 40.526; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.1, 7.99, 8.47) @ 1852.4 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0128 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.153 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.00663 W/kg
SAR(1 g) = 0.00461 W/kg; SAR(10 g) = 0.00321 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.1%
Maximum value of SAR (measured) = 0.00562 W/kg



0 dB = 0.0128 W/kg = -18.93 dBW/kg

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Date: 2024/7/6

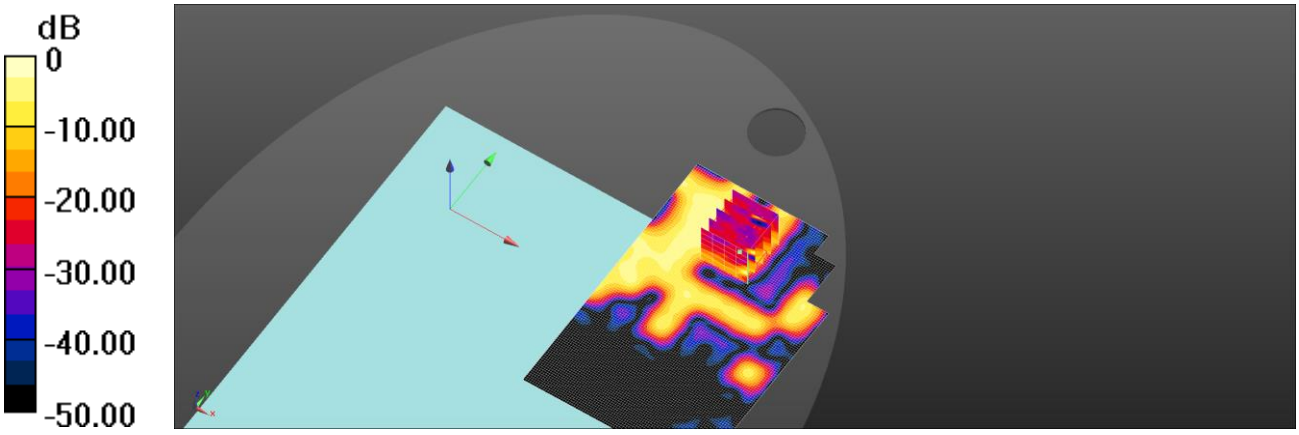
ID: 002
Report No. :TESA2405000278EN
WCDMA Band IV_Body_Bottom Surface_CH 1513_0mm_Main
Communication System: WCDMA; Frequency: 1752.6 MHz; Duty cycle= 1:1
Medium parameters used: f = 1752.6 MHz; σ = 1.395 S/m; ε_r = 40.676; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.37, 8.25, 8.74) @ 1752.6 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0153 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.327 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.00929 W/kg
SAR(1 g) = 0.00296 W/kg; SAR(10 g) = 0.00205 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.2%
Maximum value of SAR (measured) = 0.00929 W/kg



0 dB = 0.0153 W/kg = -18.15 dBW/kg

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Date: 2024/7/4

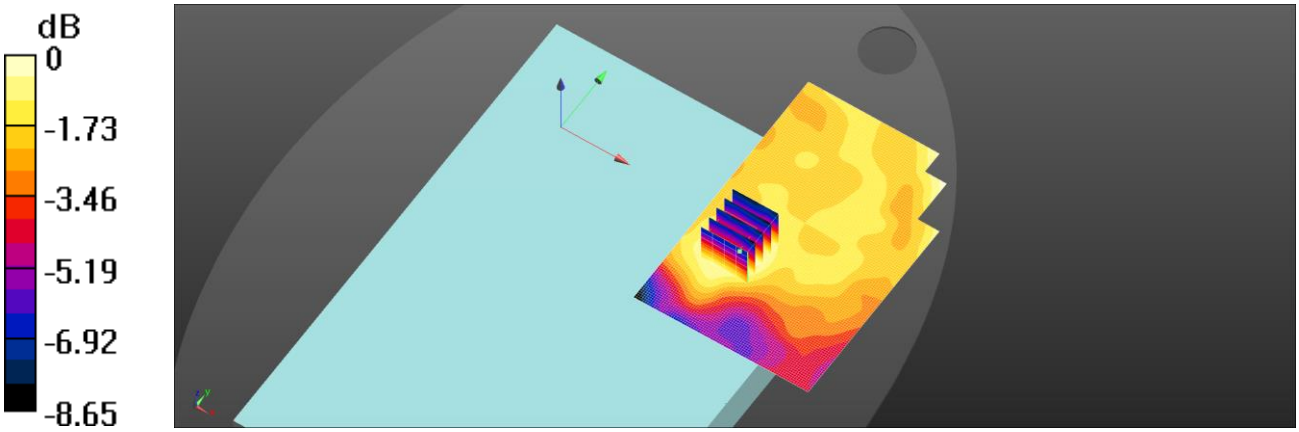
ID: 003
Report No. :TESA2405000278EN
WCDMA Band V_Body_Bottom Surface_CH 4183_0mm_Main
Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.924 S/m; ε_r = 42.333; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.28, 9.1, 9.7) @ 836.6 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0113 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.237 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.00933 W/kg; SAR(10 g) = 0.00698 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.6%
Maximum value of SAR (measured) = 0.0114 W/kg



0 dB = 0.0114 W/kg = -19.43 dBW/kg

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Date: 2024/7/8

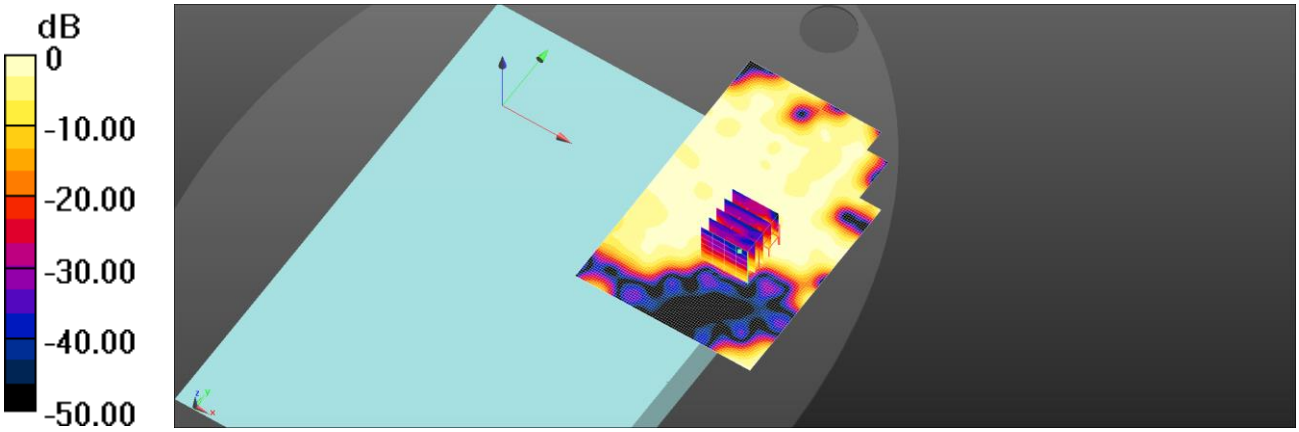
ID: 081
Report No. :TESA2405000278EN
LTE Band 2 (20MHz)_Body_Bottom Surface_CH 18700_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1
Medium parameters used: f = 1860 MHz; σ = 1.413 S/m; ε_r = 40.515; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.1, 7.99, 8.47) @ 1860 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0126 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.537 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.00711 W/kg
SAR(1 g) = 0.00546 W/kg; SAR(10 g) = 0.00356 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74%
Maximum value of SAR (measured) = 0.00668 W/kg



0 dB = 0.0126 W/kg = -18.99 dBW/kg

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Date: 2024/7/6

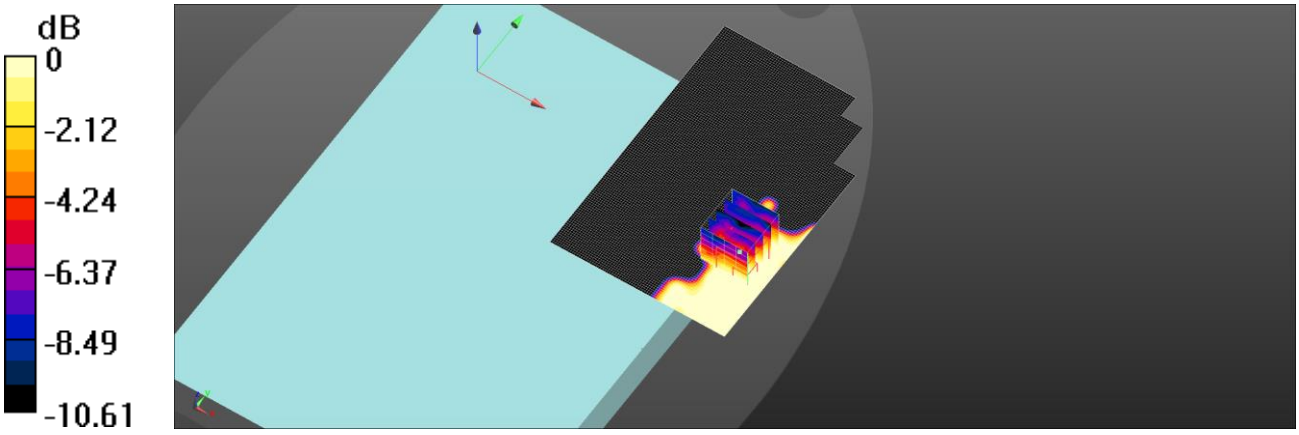
ID: 082
Report No. :TESA2405000278EN
LTE Band 4 (20MHz)_Body_Bottom Surface_CH 20175_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 1732.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.382 S/m; ε_r = 40.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.37, 8.25, 8.74) @ 1732.5 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0104 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.537 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.00719 W/kg
SAR(1 g) = 0.00559 W/kg; SAR(10 g) = 0.00366 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.6%
Maximum value of SAR (measured) = 0.00665 W/kg



0 dB = 0.00665 W/kg = -21.77 dBW/kg

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Date: 2024/7/4

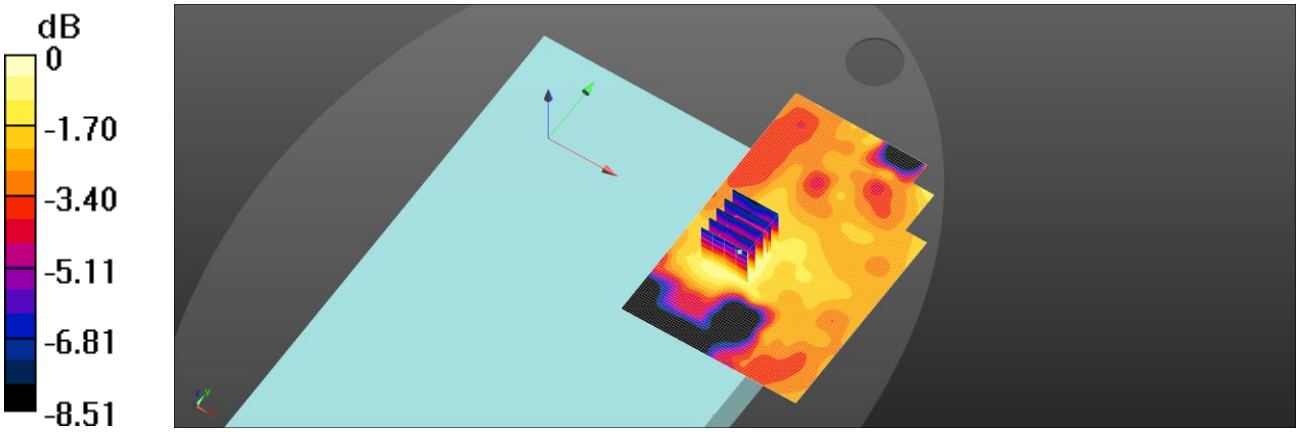
ID: 083
Report No. :TESA2405000278EN
LTE Band 5 (10MHz)_Body_Bottom Surface_CH 20525_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 836.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.923 S/m; ε_r = 42.334; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.28, 9.1, 9.7) @ 836.5 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00928 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.558 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0110 W/kg
SAR(1 g) = 0.00778 W/kg; SAR(10 g) = 0.00561 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 72.2%
Maximum value of SAR (measured) = 0.00951 W/kg



0 dB = 0.00951 W/kg = -20.22 dBW/kg

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Date: 2024/7/12

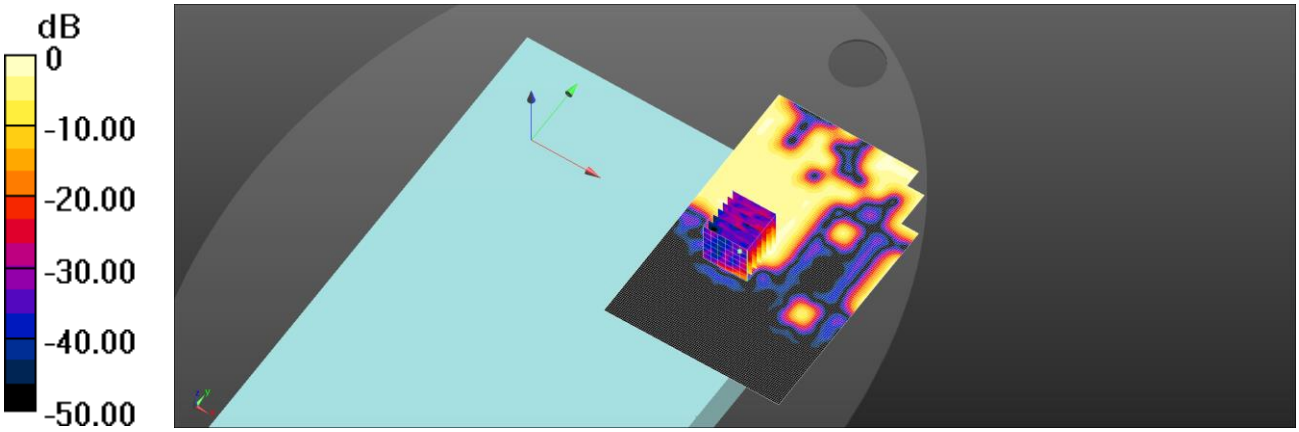
ID: 084
Report No. :TESA2405000278EN
LTE Band 7 (20MHz)_Body_Bottom Surface_CH 21100_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 2535 MHz; Duty cycle= 1:1
Medium parameters used: f = 2535 MHz; σ = 1.903 S/m; ε_r = 39.511; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2535 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0322 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.236 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0150 W/kg
SAR(1 g) = 0.00978 W/kg; SAR(10 g) = 0.00594 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 0.0125 W/kg



0 dB = 0.0322 W/kg = -14.92 dBW/kg

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Date: 2024/7/3

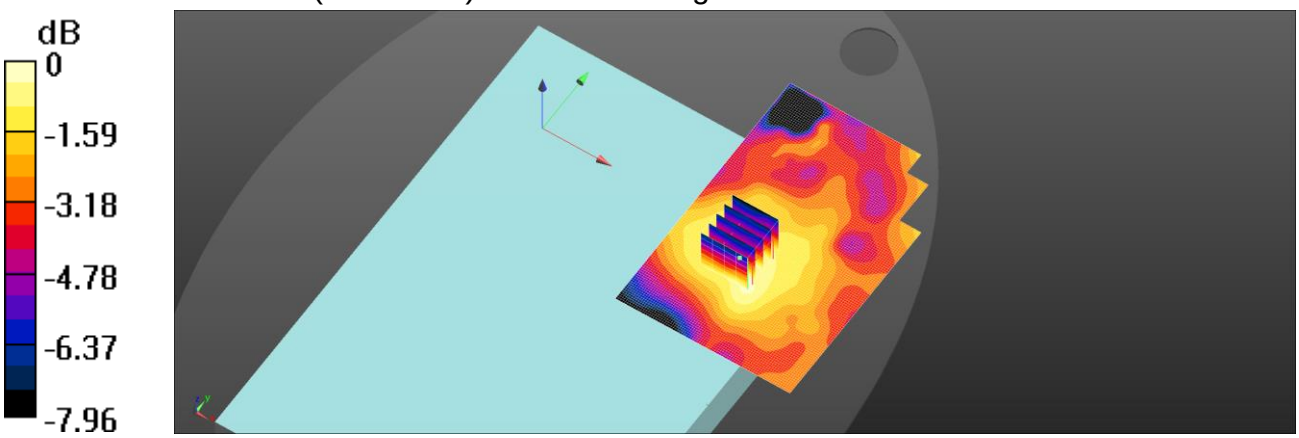
ID: 085
Report No. :TESA2405000278EN
LTE Band 12 (10MHz)_Body_Bottom Surface_CH 23130_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1
Medium parameters used: f = 711 MHz; σ = 0.901 S/m; ε_r = 42.499; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 711 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00951 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.632 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0120 W/kg
SAR(1 g) = 0.00829 W/kg; SAR(10 g) = 0.00606 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.2%
Maximum value of SAR (measured) = 0.00995 W/kg



0 dB = 0.00995 W/kg = -20.02 dBW/kg

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Date: 2024/7/3

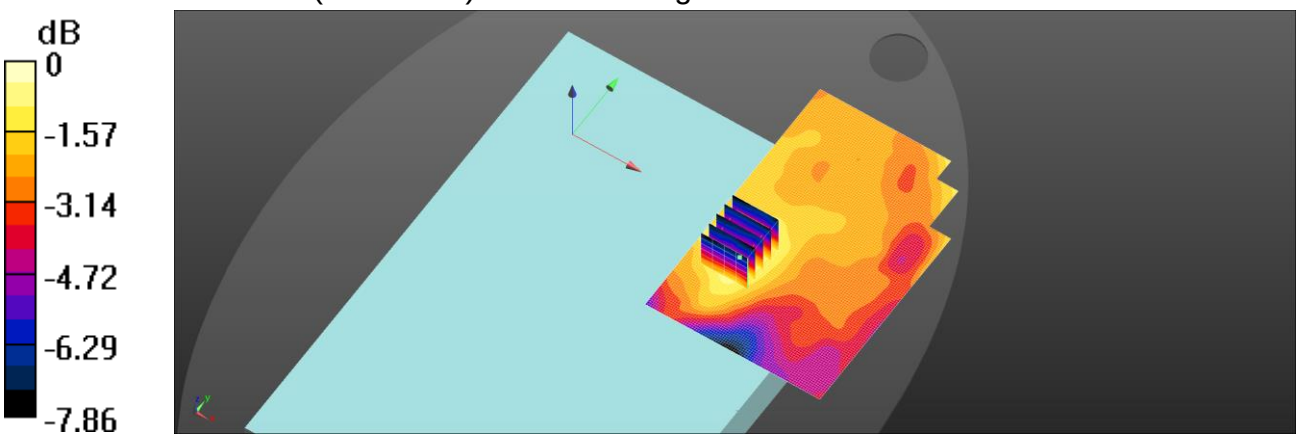
ID: 086
Report No. :TESA2405000278EN
LTE Band 13 (10MHz)_Body_Bottom Surface_CH 23230_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 782 MHz; Duty cycle= 1:1
Medium parameters used: f = 782 MHz; σ = 0.908 S/m; ε_r = 42.421; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 782 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0114 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.918 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0140 W/kg
SAR(1 g) = 0.00976 W/kg; SAR(10 g) = 0.007 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70.7%
Maximum value of SAR (measured) = 0.0122 W/kg



0 dB = 0.0122 W/kg = -19.14 dBW/kg

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Date: 2024/7/3

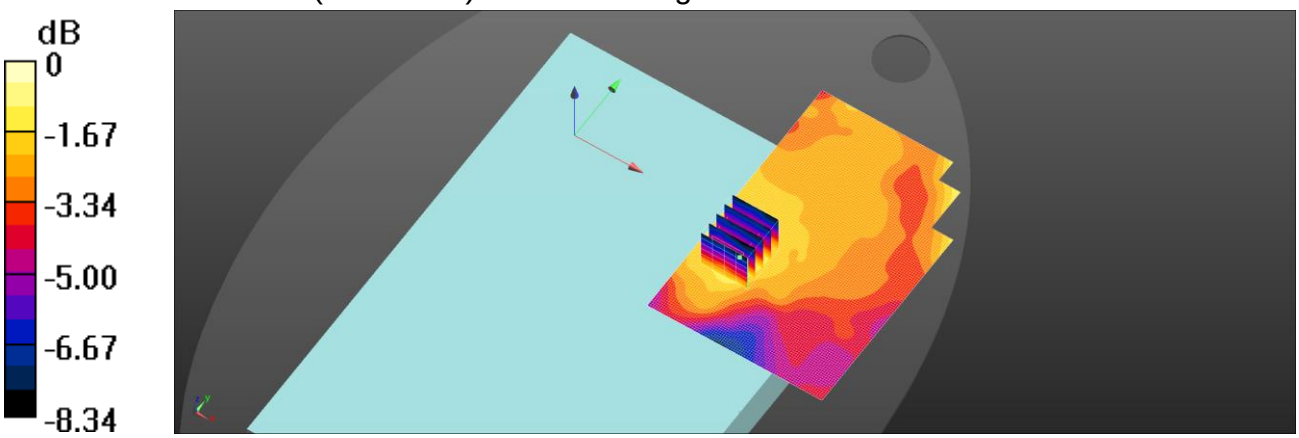
ID: 087
Report No. :TESA2405000278EN
LTE Band 14 (10MHz)_Body_Bottom Surface_CH 23330_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 793 MHz; Duty cycle= 1:1
Medium parameters used: f = 793 MHz; σ = 0.91 S/m; ε_r = 42.41; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 793 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0127 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.009 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00813 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 67.6%
Maximum value of SAR (measured) = 0.0147 W/kg



0 dB = 0.0147 W/kg = -18.33 dBW/kg

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Date: 2024/7/3

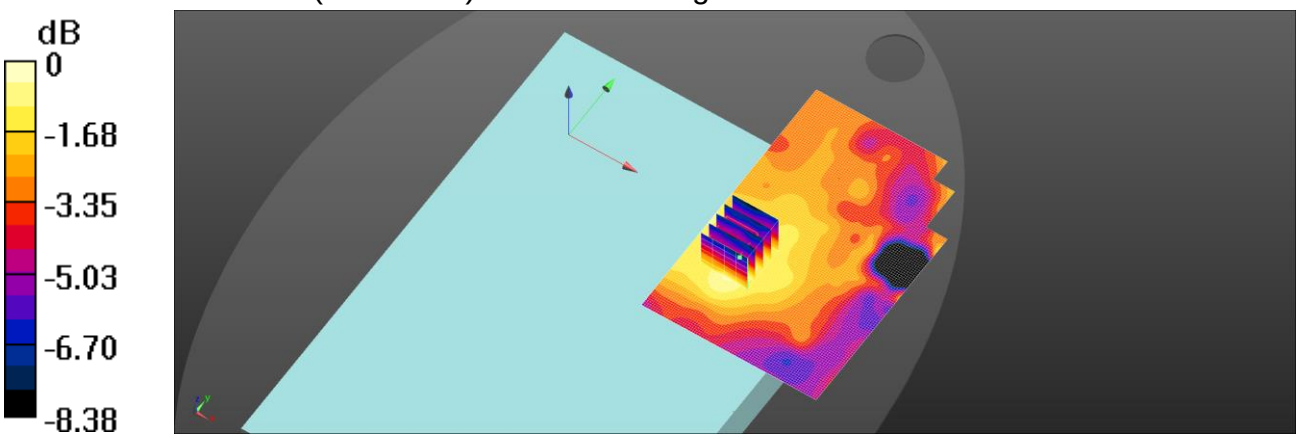
ID: 088
Report No. :TESA2405000278EN
LTE Band 17 (10MHz)_Body_Bottom Surface_CH 23800_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1
Medium parameters used: f = 711 MHz; σ = 0.901 S/m; ε_r = 42.499; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 711 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0101 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.012 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0110 W/kg
SAR(1 g) = 0.00786 W/kg; SAR(10 g) = 0.00559 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74%
Maximum value of SAR (measured) = 0.00965 W/kg



0 dB = 0.00965 W/kg = -20.15 dBW/kg

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Date: 2024/7/8

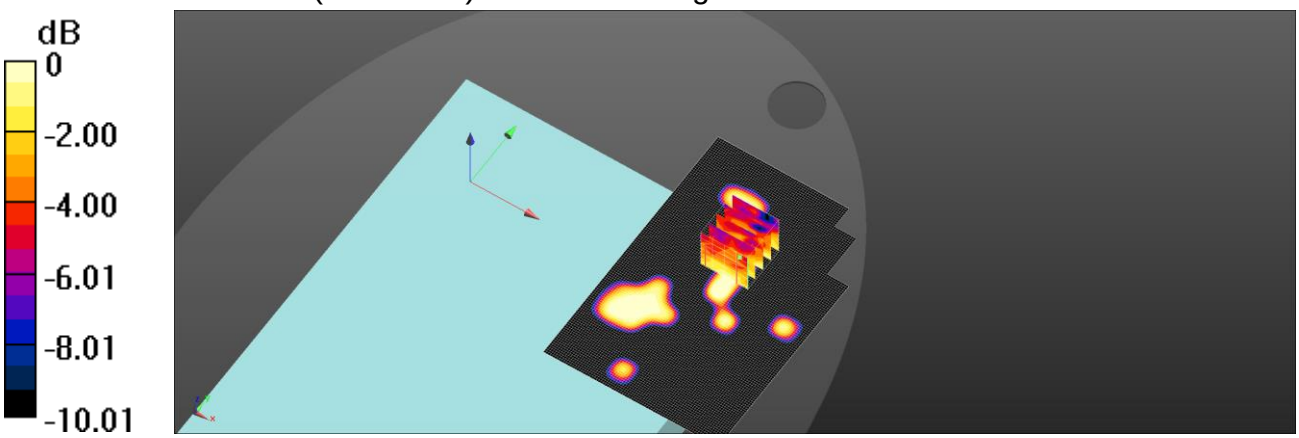
ID: 089
Report No. :TESA2405000278EN
LTE Band 25 (20MHz)_Body_Bottom Surface_CH 26140_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1
Medium parameters used: f = 1860 MHz; σ = 1.413 S/m; ε_r = 40.515; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.1, 7.99, 8.47) @ 1860 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00365 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.153 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.00311 W/kg
SAR(1 g) = 0.00217 W/kg; SAR(10 g) = 0.00165 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.7%
Maximum value of SAR (measured) = 0.00281 W/kg



0 dB = 0.00281 W/kg = -25.51 dBW/kg

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Date: 2024/7/4

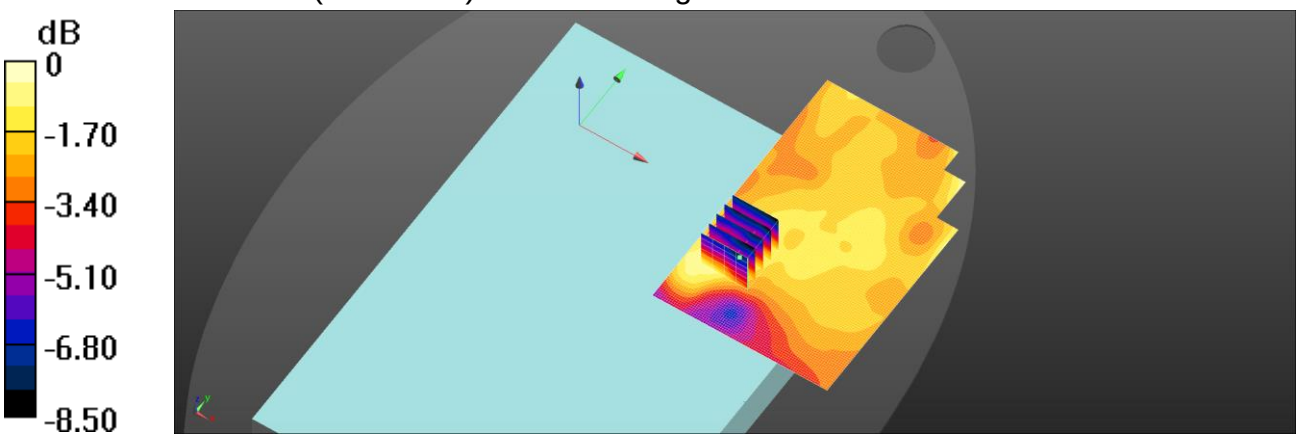
ID: 090
Report No. :TESA2405000278EN
LTE Band 26 (15MHz)_Body_Bottom Surface_CH 26965_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 841.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 841.5 MHz; σ = 0.927 S/m; ε_r = 42.329; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.28, 9.1, 9.7) @ 841.5 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0113 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.982 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0140 W/kg
SAR(1 g) = 0.0095 W/kg; SAR(10 g) = 0.00683 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70%
Maximum value of SAR (measured) = 0.0118 W/kg



0 dB = 0.0118 W/kg = -19.28 dBW/kg

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Date: 2024/7/11

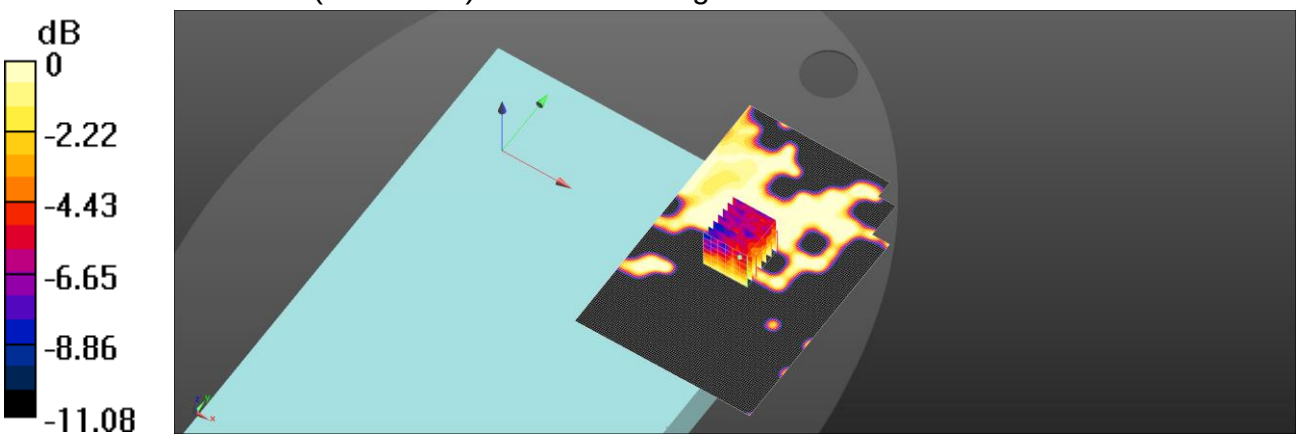
ID: 092
Report No. :TESA2405000278EN
LTE Band 30 (10MHz)_Body_Bottom Surface_CH 27710_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1
Medium parameters used: f = 2310 MHz; σ = 1.69 S/m; ε_r = 39.981; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.73, 7.62, 8.02) @ 2310 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0200 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.178 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.00749 W/kg
SAR(1 g) = 0.0051 W/kg; SAR(10 g) = 0.00368 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 72.7%
Maximum value of SAR (measured) = 0.00664 W/kg



0 dB = 0.00664 W/kg = -21.78 dBW/kg

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Date: 2024/7/6

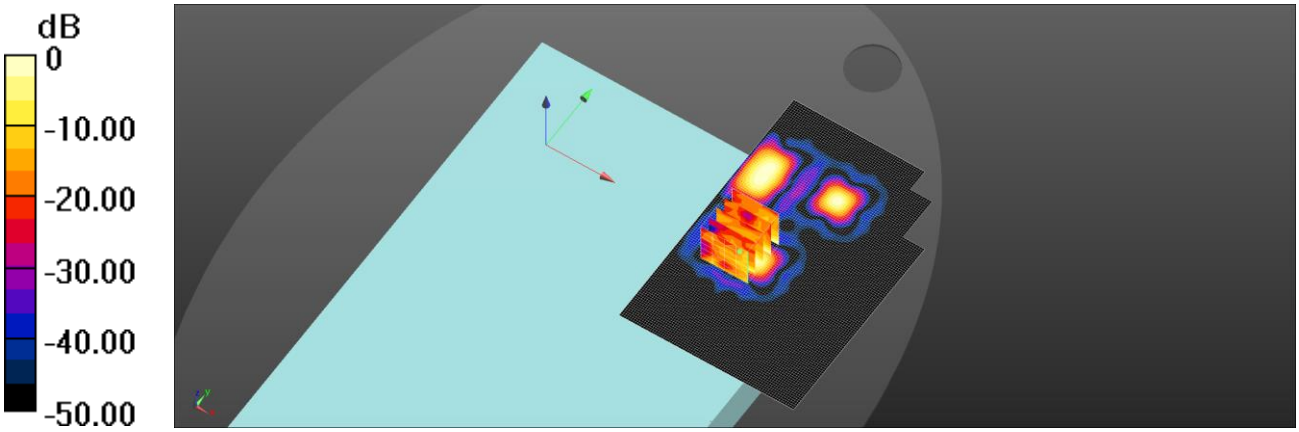
ID: 093
Report No. :TESA2405000278EN
LTE Band 66 (20MHz)_Body_Bottom Surface_CH 132072_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 1720 MHz; Duty cycle= 1:1
Medium parameters used: f = 1720 MHz; σ = 1.37 S/m; ε_r = 40.726; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.37, 8.25, 8.74) @ 1720 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00451 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.593 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.00781 W/kg
SAR(1 g) = 0.00296 W/kg; SAR(10 g) = 0.00177 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 64.9%
Maximum value of SAR (measured) = 0.00384 W/kg



0 dB = 0.00451 W/kg = -23.46 dBW/kg

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Date: 2024/7/3

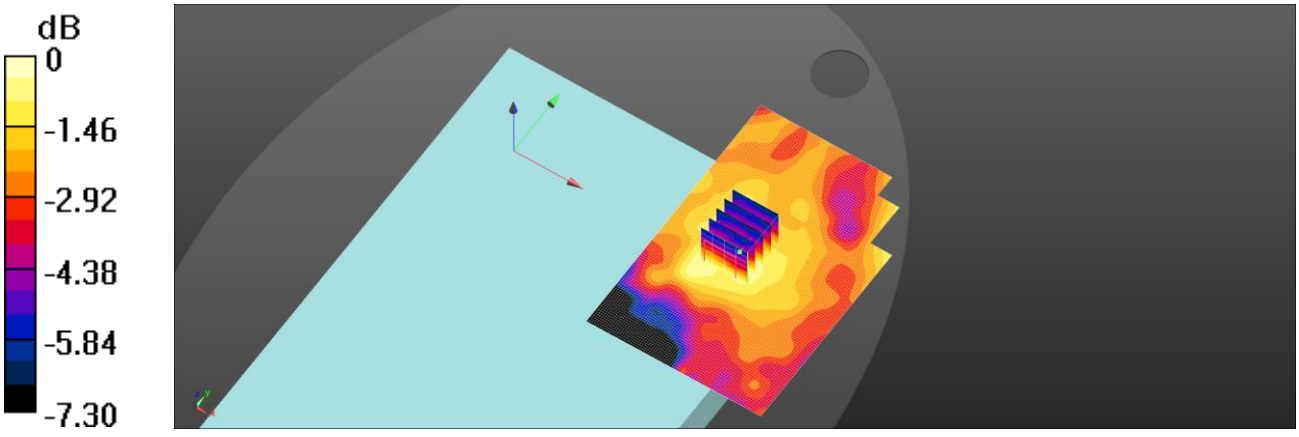
ID: 094
Report No. :TESA2405000278EN
LTE Band 71 (20MHz)_Body_Bottom Surface_CH 133297_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 680.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 680.5 MHz; σ = 0.89 S/m; ε_r = 42.529; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 680.5 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00550 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.586 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.00729 W/kg
SAR(1 g) = 0.00515 W/kg; SAR(10 g) = 0.00378 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.4%
Maximum value of SAR (measured) = 0.00625 W/kg



0 dB = 0.00625 W/kg = -22.04 dBW/kg

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Date: 2024/7/12

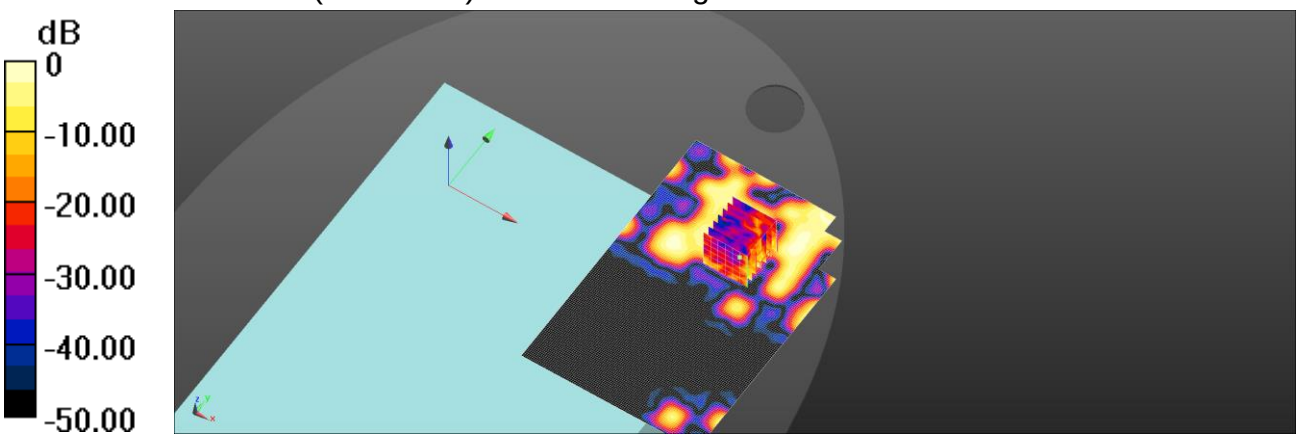
ID: 095
Report No. :TESA2405000278EN
LTE Band 38 (20MHz)_Body_Bottom Surface_CH 37850_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 2580 MHz; Duty cycle= 1:1.58
Medium parameters used: f = 2580 MHz; σ = 1.949 S/m; ε_r = 39.462; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2580 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0143 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.157 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.00459 W/kg
SAR(1 g) = 0.00292 W/kg; SAR(10 g) = 0.00232 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 83.6%
Maximum value of SAR (measured) = 0.00409 W/kg



0 dB = 0.0143 W/kg = -18.46 dBW/kg

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Date: 2024/7/12

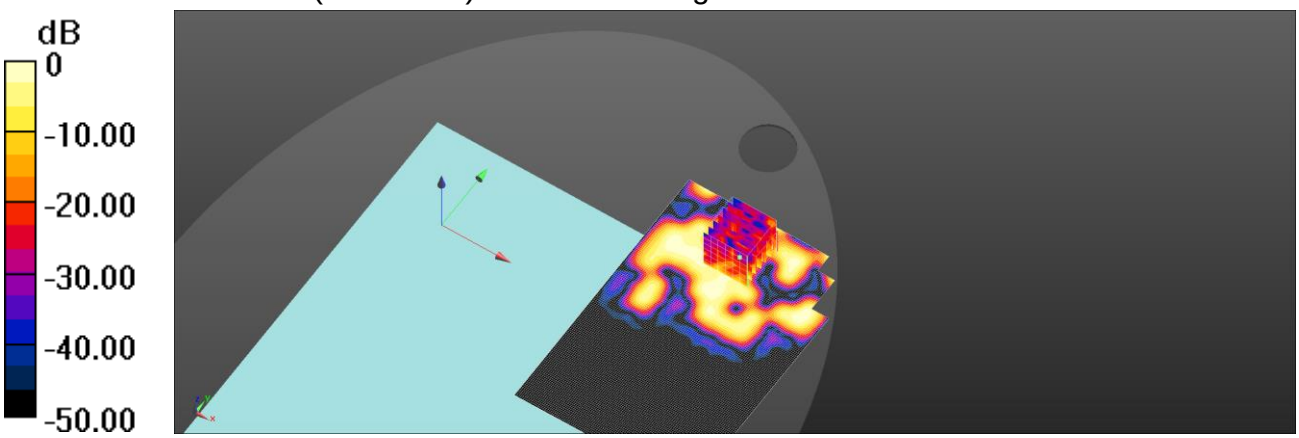
ID: 096
Report No. :TESA2405000278EN
LTE Band 41 (20MHz)_Body_Bottom Surface_CH 40620_QPSK_1-0_0mm_PC3_Main
Communication System: LTE; Frequency: 2593 MHz; Duty cycle= 1:1.58
Medium parameters used: f = 2593 MHz; σ = 1.964 S/m; ε_r = 39.446; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2593 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0107 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.224 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.00506 W/kg
SAR(1 g) = 0.00333 W/kg; SAR(10 g) = 0.00266 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 80.2%
Maximum value of SAR (measured) = 0.00456 W/kg



0 dB = 0.0107 W/kg = -19.72 dBW/kg

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Date: 2024/7/12

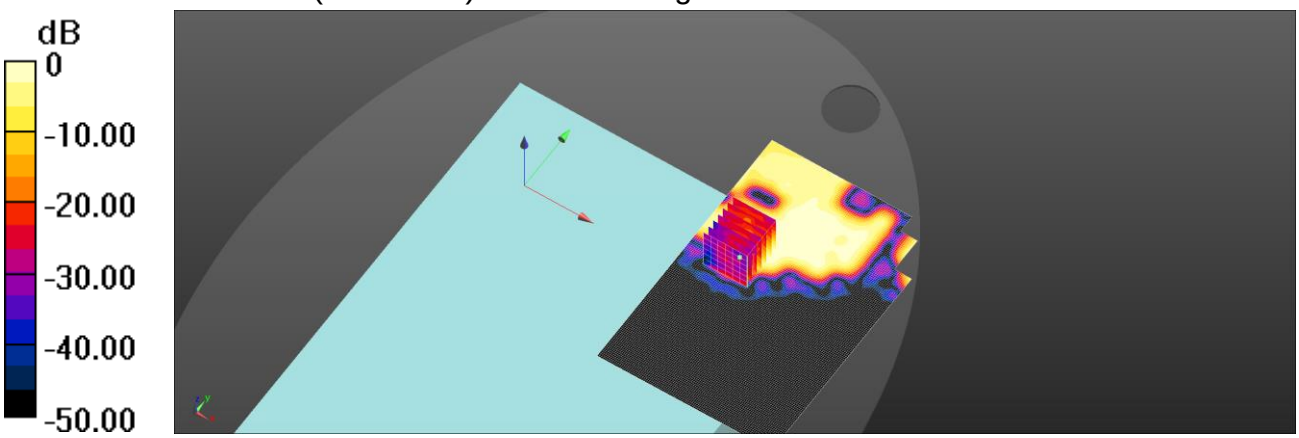
ID: 097
Report No. :TESA2405000278EN
LTE Band 41 (20MHz)_Body_Bottom Surface_CH 40620_QPSK_1-0_0mm_PC2_Main
Communication System: LTE; Frequency: 2593 MHz; Duty cycle= 1:2.31
Medium parameters used: f = 2593 MHz; σ = 1.964 S/m; ε_r = 39.446; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2593 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0295 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.527 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0260 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00862 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.3%
Maximum value of SAR (measured) = 0.0220 W/kg



0 dB = 0.0295 W/kg = -15.31 dBW/kg

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Date: 2024/7/12

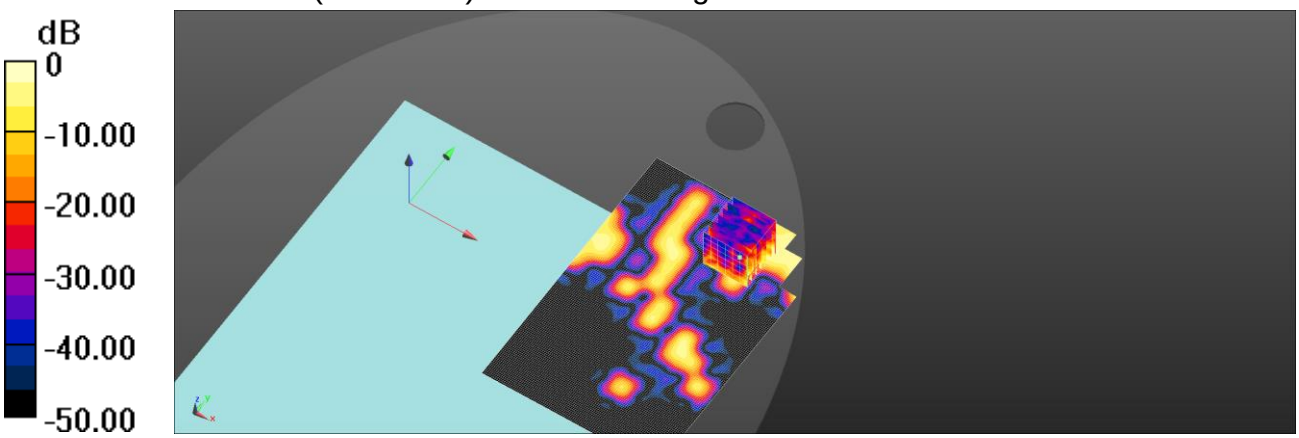
ID: 098
Report No. :TESA2405000278EN
LTE Band 41 (20MHz)_Body_Bottom Surface_CH 40620_QPSK_1-0_0mm_PC3_IC_Main
Communication System: LTE; Frequency: 2593 MHz; Duty cycle= 1:1.58
Medium parameters used: f = 2593 MHz; σ = 1.964 S/m; ε_r = 39.446; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2593 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0216 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.537 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.00532 W/kg
SAR(1 g) = 0.00332 W/kg; SAR(10 g) = 0.00262 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.1%
Maximum value of SAR (measured) = 0.00440 W/kg



0 dB = 0.0216 W/kg = -16.66 dBW/kg

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Date: 2024/7/25

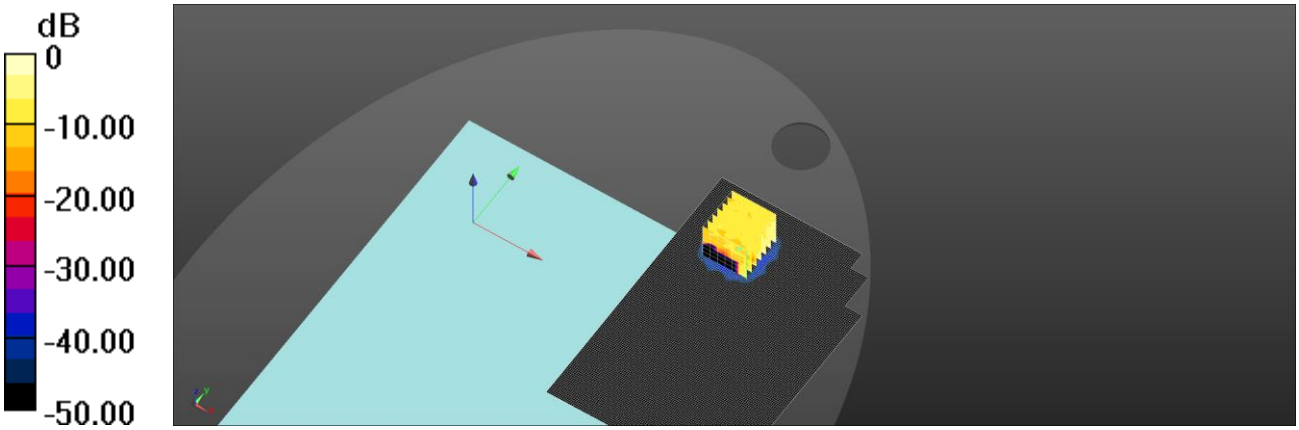
ID: 100
Report No. :TESA2405000278EN
LTE Band 42 (20MHz)_Body_Bottom Surface_CH 42190_QPSK_1-0_0mm_Part1_Main
Communication System: LTE; Frequency: 3460 MHz; Duty cycle= 1:1.58
Medium parameters used: f = 3460 MHz; σ = 2.911 S/m; ε_r = 38.399; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.9, 6.82, 7.23) @ 3460 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.00855 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 3.158 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.00818 W/kg; SAR(10 g) = 0.00209 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 0.0146 W/kg



0 dB = 0.00855 W/kg = -20.68 dBW/kg

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Date: 2024/7/25

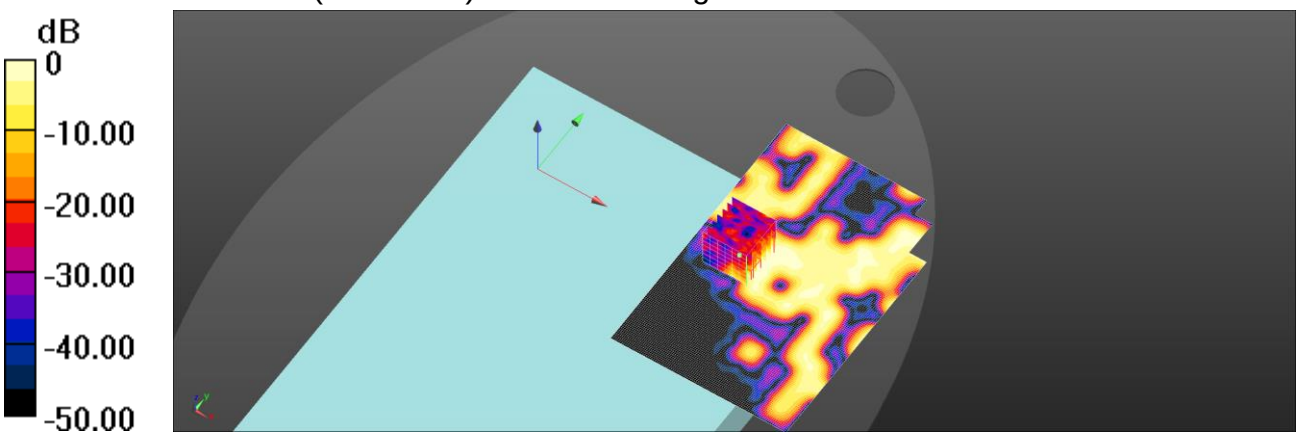
ID: 101
Report No. :TESA2405000278EN
LTE Band 42 (20MHz)_Body_Bottom Surface_CH 43190_QPSK_1-0_0mm_Part2_Main
Communication System: LTE; Frequency: 3560 MHz; Duty cycle= 1:1.58
Medium parameters used: f = 3560 MHz; σ = 3.015 S/m; ε_r = 38.274; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.9, 6.82, 7.23) @ 3560 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0175 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 2.226 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0190 W/kg
SAR(1 g) = 0.00732 W/kg; SAR(10 g) = 0.0051 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74.5%
Maximum value of SAR (measured) = 0.00934 W/kg



0 dB = 0.0175 W/kg = -17.56 dBW/kg

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Date: 2024/7/31

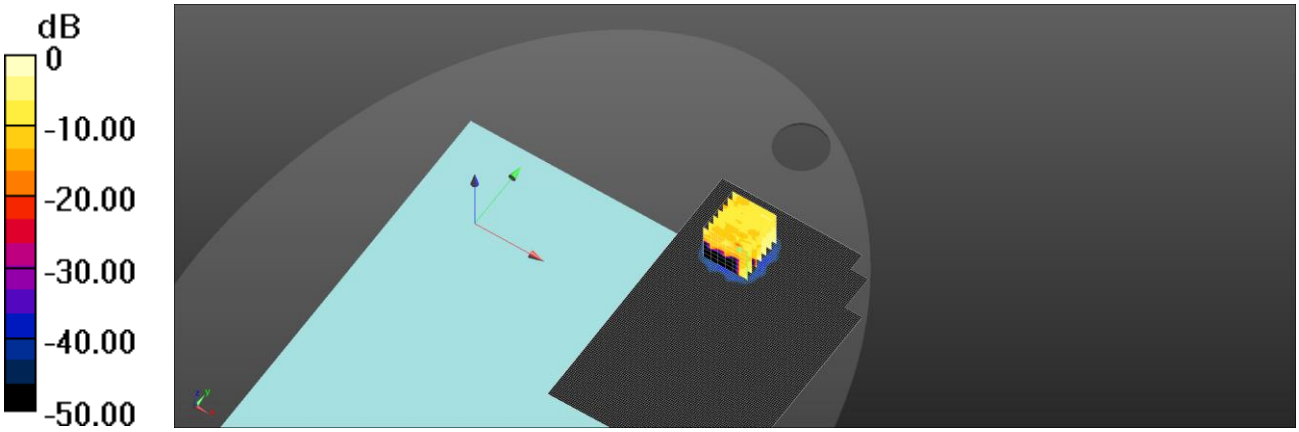
ID: 104
Report No. :TESA2405000278EN
LTE Band 48 (20MHz)_Body_Bottom Surface_CH 56150_QPSK_1-0_0mm_Main
Communication System: LTE; Frequency: 3641 MHz; Duty cycle= 1:1.58
Medium parameters used: f = 3641 MHz; σ = 3.112 S/m; ε_r = 38.132; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.79, 6.71, 7.11) @ 3641 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0107 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 4.231 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.00798 W/kg; SAR(10 g) = 0.00174 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 56.5%
Maximum value of SAR (measured) = 0.0146 W/kg



0 dB = 0.0107 W/kg = -19.71 dBW/kg

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Date: 2024/7/8

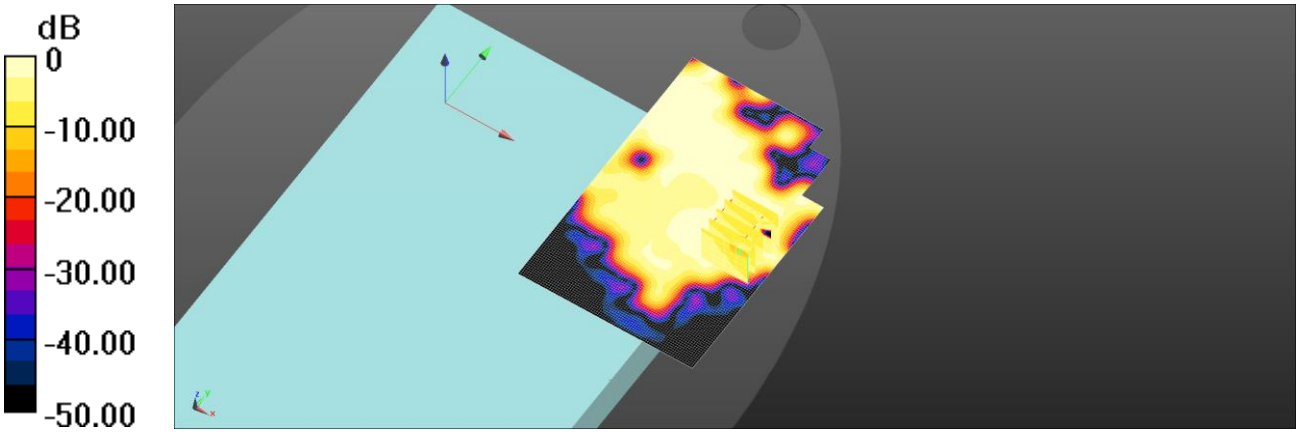
ID: 105
Report No. :TESA2405000278EN
NR n2 (20MHz)_Body_Bottom Surface_CH 372000_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 1860 MHz; Duty cycle= 1:1
Medium parameters used: f = 1860 MHz; σ = 1.413 S/m; ε_r = 40.515; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.1, 7.99, 8.47) @ 1860 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0145 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.332 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0160 W/kg
SAR(1 g) = 0.00958 W/kg; SAR(10 g) = 0.00611 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.2%
Maximum value of SAR (measured) = 0.0132 W/kg



0 dB = 0.0132 W/kg = -18.79 dBW/kg

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Date: 2024/7/4

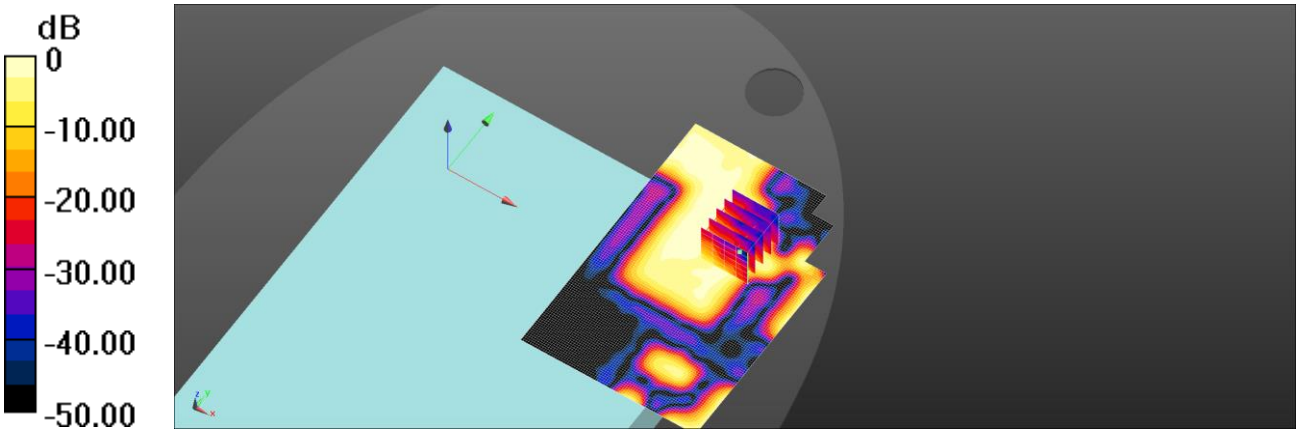
ID: 106
Report No. :TESA2405000278EN
NR n5 (20MHz)_Body_Bottom Surface_CH 167300_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 836.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.923 S/m; ε_r = 42.334; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.28, 9.1, 9.7) @ 836.5 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00776 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.537 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.00596 W/kg
SAR(1 g) = 0.00383 W/kg; SAR(10 g) = 0.00269 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 63.3%
Maximum value of SAR (measured) = 0.00509 W/kg



0 dB = 0.00776 W/kg = -21.10 dBW/kg

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Date: 2024/7/20

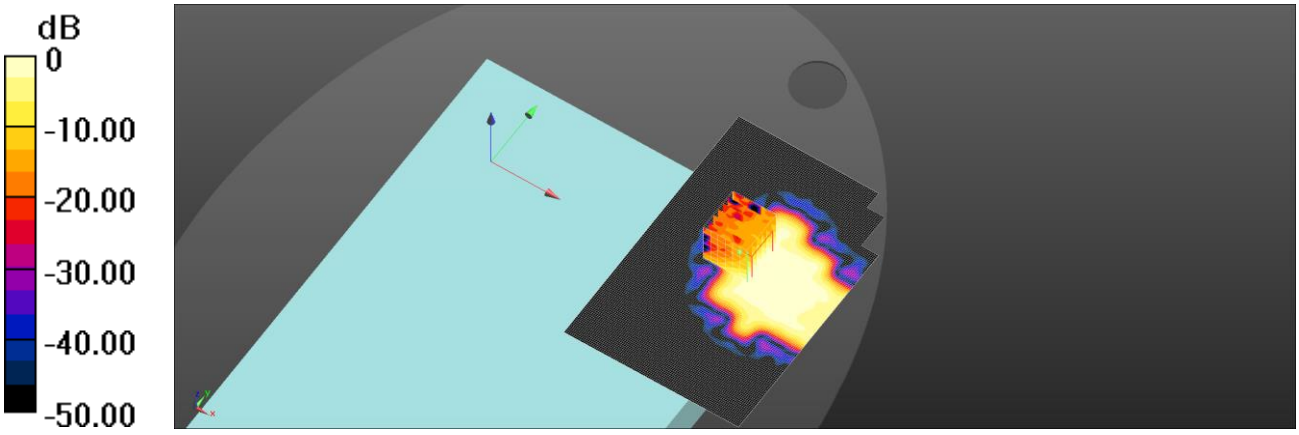
ID: 107
Report No. :TESA2405000278EN
NR n7 (20MHz)_Body_Bottom Surface_CH 512000_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 2560 MHz; Duty cycle= 1:1
Medium parameters used: f = 2560 MHz; σ = 1.936 S/m; ε_r = 39.446; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2560 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0630 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.223 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00957 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 43.7%
Maximum value of SAR (measured) = 0.0383 W/kg



0 dB = 0.0630 W/kg = -12.01 dBW/kg

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Date: 2024/7/3

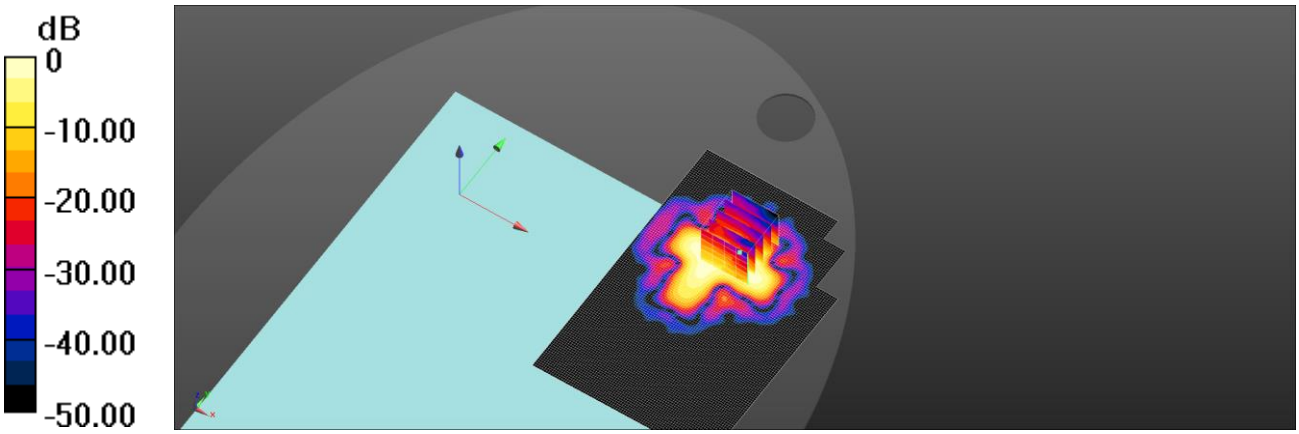
ID: 108
Report No. :TESA2405000278EN
NR n12 (20MHz)_Body_Bottom Surface_CH 141700_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(15 MHz, Pi/2 BPSK, 15KHz; Frequency: 708.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 708.5 MHz; σ = 0.898 S/m; ε_r = 42.502; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 708.5 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00438 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.335 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.00392 W/kg
SAR(1 g) = 0.00265 W/kg; SAR(10 g) = 0.00219 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 66.8%
Maximum value of SAR (measured) = 0.00341 W/kg



0 dB = 0.00438 W/kg = -23.59 dBW/kg

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Date: 2024/7/3

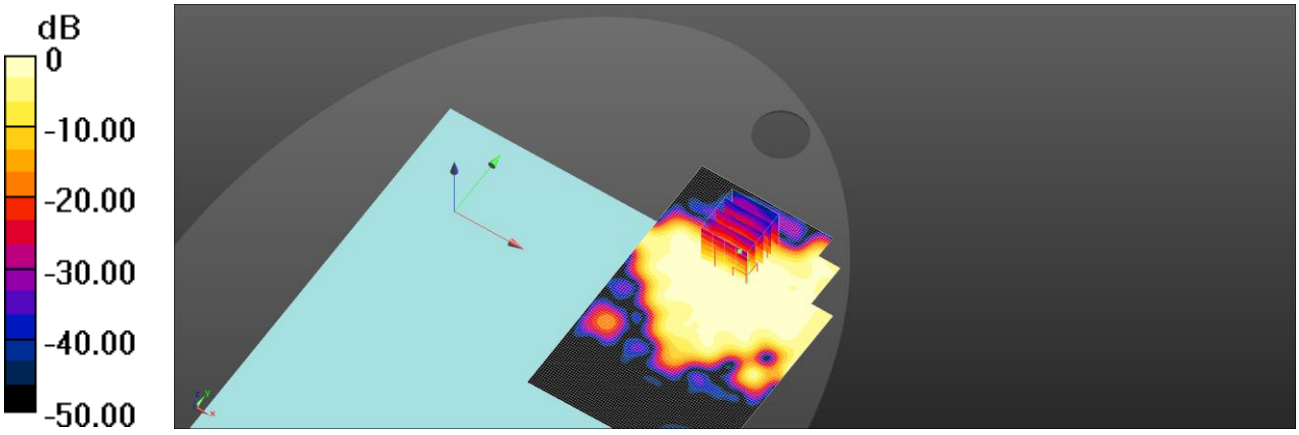
ID: 109
Report No. :TESA2405000278EN
NR n13 (10MHz)_Body_Bottom Surface_CH 156400_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(10MHz,Pi/2 BPSK, 15kHz); Frequency: 782 MHz; Duty cycle= 1:1
Medium parameters used: f = 782 MHz; σ = 0.908 S/m; ε_r = 42.421; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 782 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00876 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.262 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.00809 W/kg
SAR(1 g) = 0.00532 W/kg; SAR(10 g) = 0.00369 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70.9%
Maximum value of SAR (measured) = 0.00708 W/kg



0 dB = 0.00876 W/kg = -20.58 dBW/kg

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Date: 2024/7/3

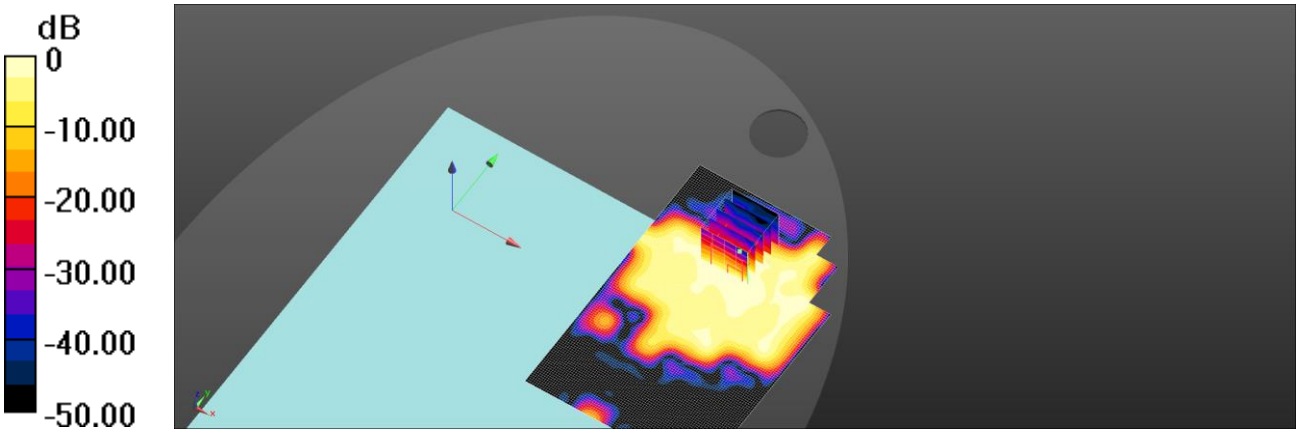
ID: 110
Report No. :TESA2405000278EN
NR n14 (10MHz)_Body_Bottom Surface_CH 158600_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(10MHz,Pi/2 BPSK, 15kHz); Frequency: 793 MHz; Duty cycle= 1:1
Medium parameters used: f = 793 MHz; σ = 0.91 S/m; ε_r = 42.41; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 793 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0124 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.535 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.00995 W/kg
SAR(1 g) = 0.00631 W/kg; SAR(10 g) = 0.00441 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.9%
Maximum value of SAR (measured) = 0.00834 W/kg



0 dB = 0.0124 W/kg = -19.05 dBW/kg

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Date: 2024/7/8

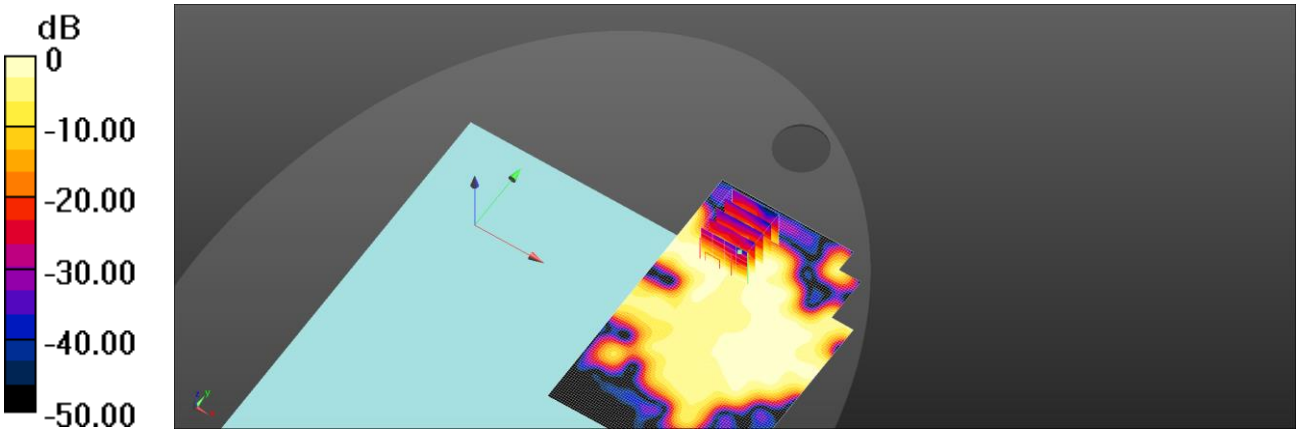
ID: 111
Report No. :TESA2405000278EN
NR n25 (20MHz)_Body_Bottom Surface_CH 372000_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 1860 MHz; Duty cycle= 1:1
Medium parameters used: f = 1860 MHz; σ = 1.413 S/m; ε_r = 40.515; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.1, 7.99, 8.47) @ 1860 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0164 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.227 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.00852 W/kg
SAR(1 g) = 0.00665 W/kg; SAR(10 g) = 0.00498 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 85.3%
Maximum value of SAR (measured) = 0.00771 W/kg



0 dB = 0.0164 W/kg = -17.86 dBW/kg

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Date: 2024/7/4

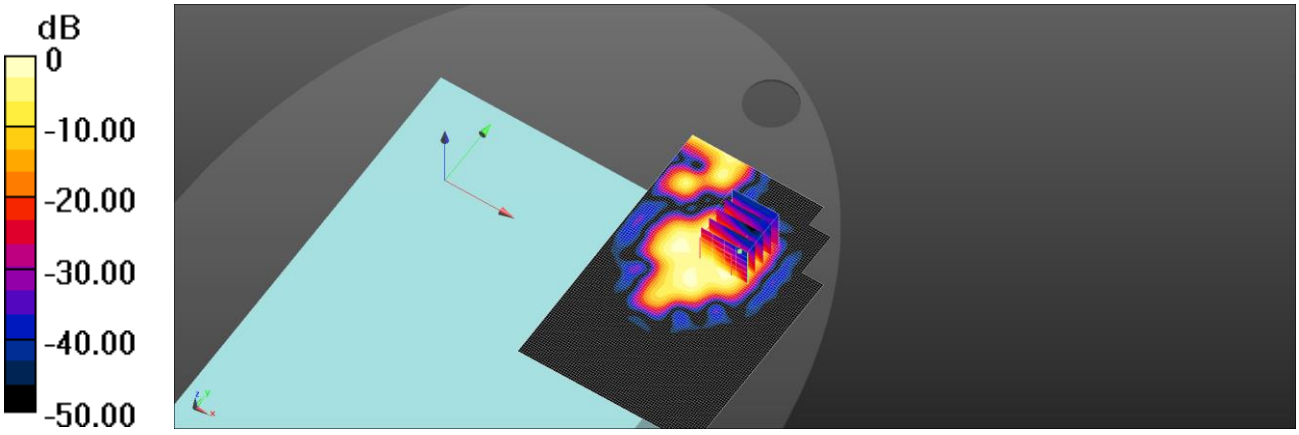
ID: 112
Report No. :TESA2405000278EN
NR n26 (20MHz)_Body_Bottom Surface_CH 167800_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 839 MHz; Duty cycle= 1:1
Medium parameters used: f = 839 MHz; σ = 0.926 S/m; ε_r = 42.331; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.28, 9.1, 9.7) @ 839 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0122 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.269 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.00674 W/kg
SAR(1 g) = 0.00448 W/kg; SAR(10 g) = 0.00332 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 66.1%
Maximum value of SAR (measured) = 0.00556 W/kg



0 dB = 0.0122 W/kg = -19.14 dBW/kg

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Date: 2024/7/11

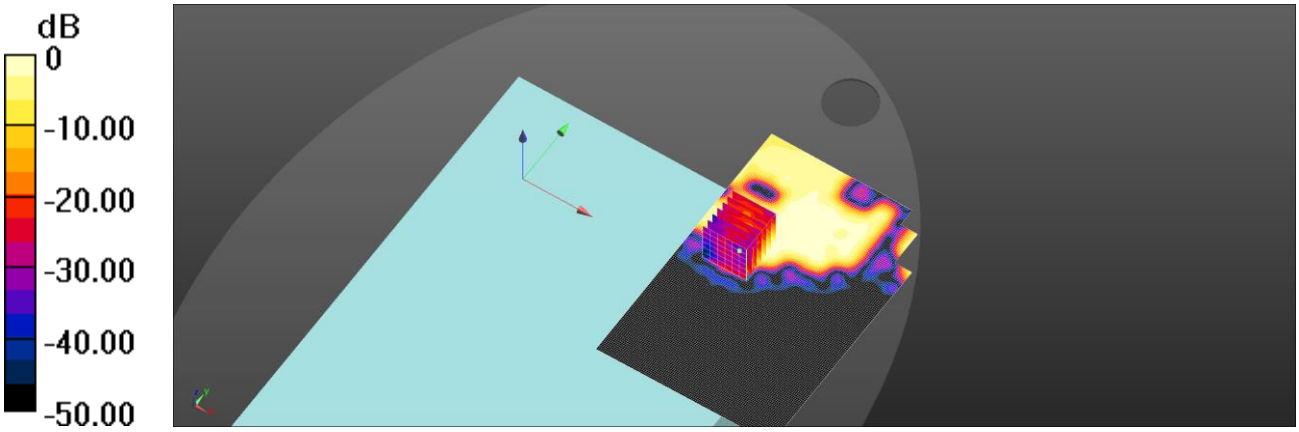
ID: 113
Report No. :TESA2405000278EN
NR n30 (10MHz)_Body_Bottom Surface_CH 462000_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(10MHz,Pi/2 BPSK, 15kHz); Frequency: 2310 MHz; Duty cycle= 1:1
Medium parameters used: f = 2310 MHz; σ = 1.69 S/m; ε_r = 39.981; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.73, 7.62, 8.02) @ 2310 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0257 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.567 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0220 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00752 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.6%
Maximum value of SAR (measured) = 0.0192 W/kg



0 dB = 0.0257 W/kg = -15.91 dBW/kg

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Date: 2024/7/6

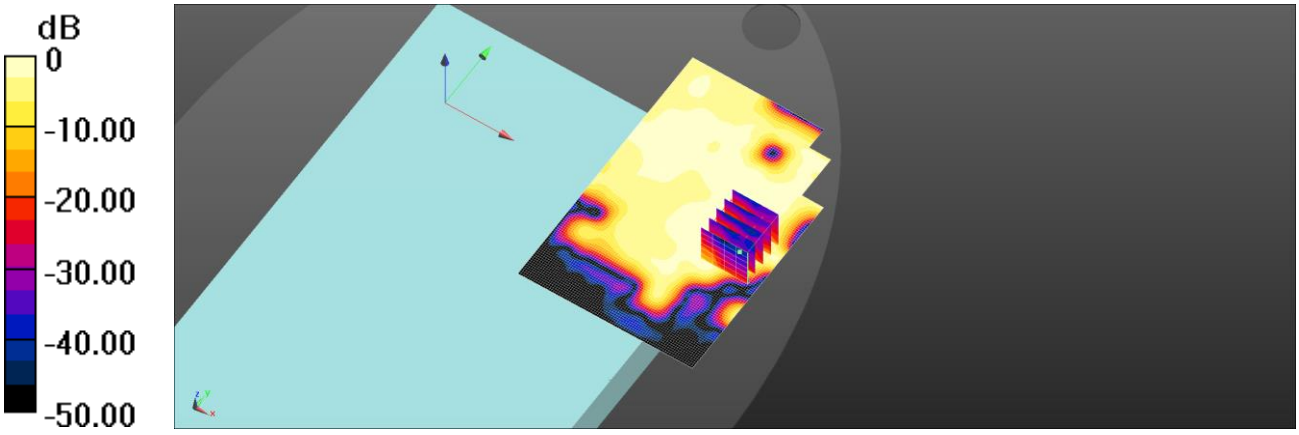
ID: 114
Report No. :TESA2405000278EN
NR n66 (20MHz)_Body_Bottom Surface_CH 344000_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 1720 MHz; Duty cycle= 1:1
Medium parameters used: f = 1720 MHz; σ = 1.37 S/m; ε_r = 40.726; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.37, 8.25, 8.74) @ 1720 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0115 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.177 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0140 W/kg
SAR(1 g) = 0.00868 W/kg; SAR(10 g) = 0.00551 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 67.4%
Maximum value of SAR (measured) = 0.0119 W/kg



0 dB = 0.0115 W/kg = -19.40 dBW/kg

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Date: 2024/7/6

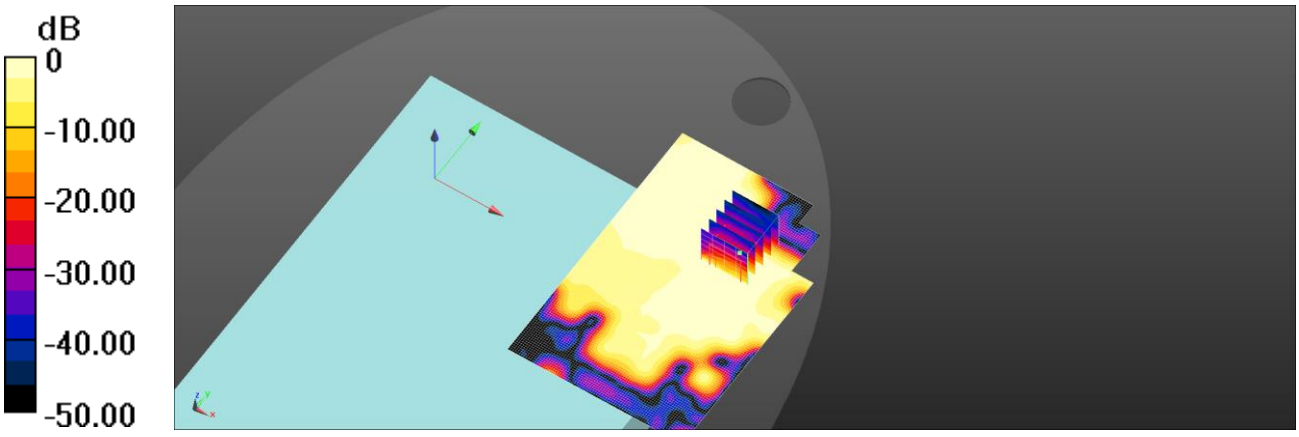
ID: 115
Report No. :TESA2405000278EN
NR n70 (15MHz)_Body_Bottom Surface_CH 340500_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(15 MHz, Pi/2 BPSK, 15KHz; Frequency: 1702.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 1702.5 MHz; σ = 1.358 S/m; ε_r = 40.758; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.37, 8.25, 8.74) @ 1702.5 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0109 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.639 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.00725 W/kg; SAR(10 g) = 0.0051 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 38.8%
Maximum value of SAR (measured) = 0.0119 W/kg



0 dB = 0.0109 W/kg = -19.64 dBW/kg

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Date: 2024/7/3

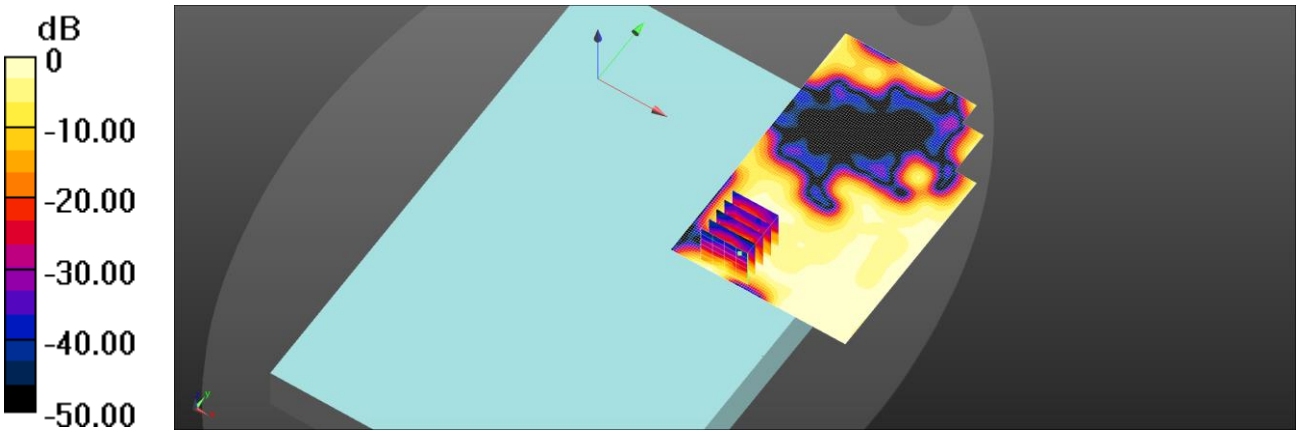
ID: 116
Report No. :TESA2405000278EN
NR n71 (20MHz)_Body_Bottom Surface_CH 136100_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 680.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 680.5 MHz; σ = 0.89 S/m; ε_r = 42.529; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.93, 9.79, 10.39) @ 680.5 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.00488 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.339 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.00321 W/kg
SAR(1 g) = 0.00276 W/kg; SAR(10 g) = 0.00226 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 84.3%
Maximum value of SAR (measured) = 0.00307 W/kg



0 dB = 0.00488 W/kg = -23.12 dBW/kg

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Date: 2024/7/20

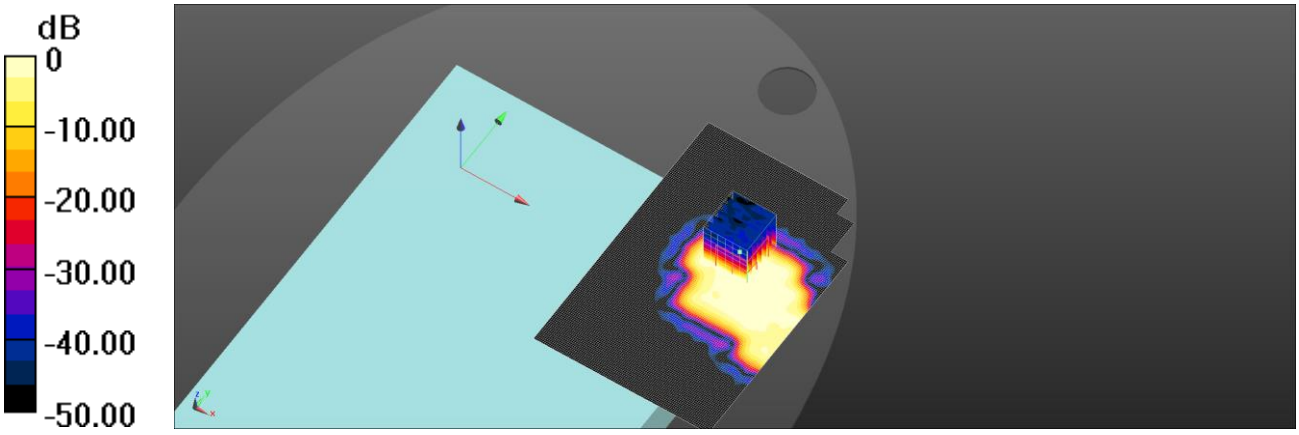
ID: 117
Report No. :TESA2405000278EN
NR n38 (20MHz)_Body_Bottom Surface_CH 522000_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 2610 MHz; Duty cycle= 1:1
Medium parameters used: f = 2610 MHz; σ = 1.988 S/m; ε_r = 39.391; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2610 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0493 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.998 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0580 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.010 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 43.9%
Maximum value of SAR (measured) = 0.0398 W/kg



0 dB = 0.0493 W/kg = -13.07 dBW/kg

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Date: 2024/7/20

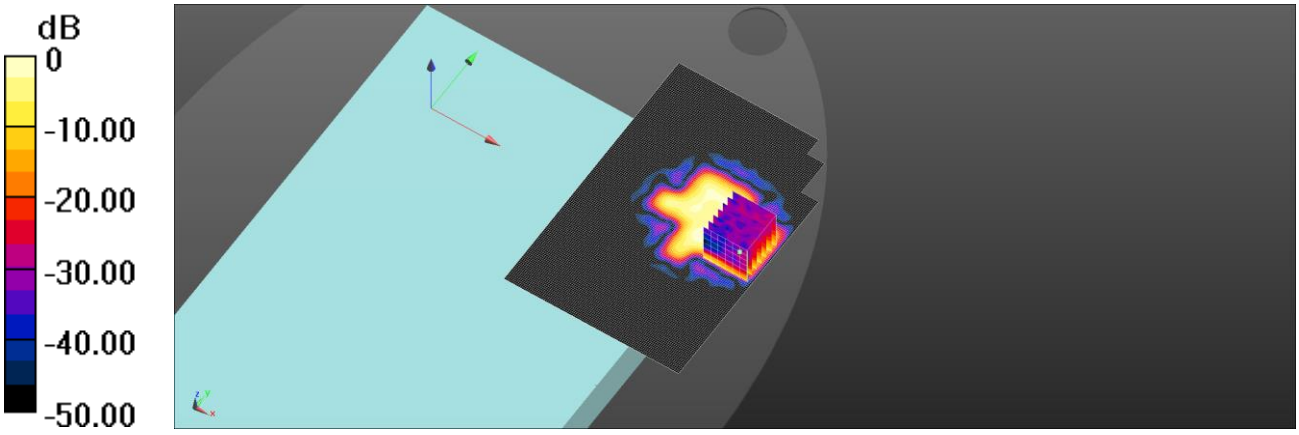
ID: 118
Report No. :TESA2405000278EN
NR n41 (100MHz)_Body_Bottom Surface_CH 528000_Pi/2 BPSK_1-1_0mm_PC3_Main
Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 2640 MHz; Duty cycle= 1:1
Medium parameters used: f = 2640 MHz; σ = 2.02 S/m; ε_r = 39.358; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2640 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0591 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.138 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0490 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00896 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 38.7%
Maximum value of SAR (measured) = 0.0326 W/kg



0 dB = 0.0591 W/kg = -12.29 dBW/kg

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Date: 2024/7/20

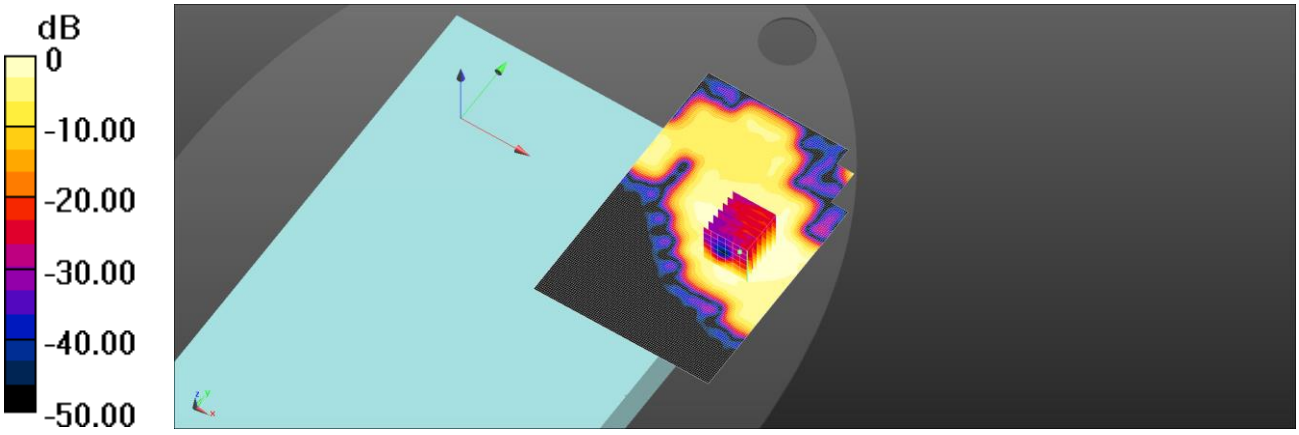
ID: 119
Report No. :TESA2405000278EN
NR n41 (100MHz)_Body_Bottom Surface_CH 528000_Pi/2 BPSK_1-1_0mm_PC2_Main
Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 2640 MHz; Duty cycle= 1:1
Medium parameters used: f = 2640 MHz; σ = 2.02 S/m; ε_r = 39.358; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.41, 7.33, 7.74) @ 2640 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0754 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.236 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.024 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 41.1%
Maximum value of SAR (measured) = 0.0740 W/kg



0 dB = 0.0754 W/kg = -11.23 dBW/kg

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Date: 2024/7/31

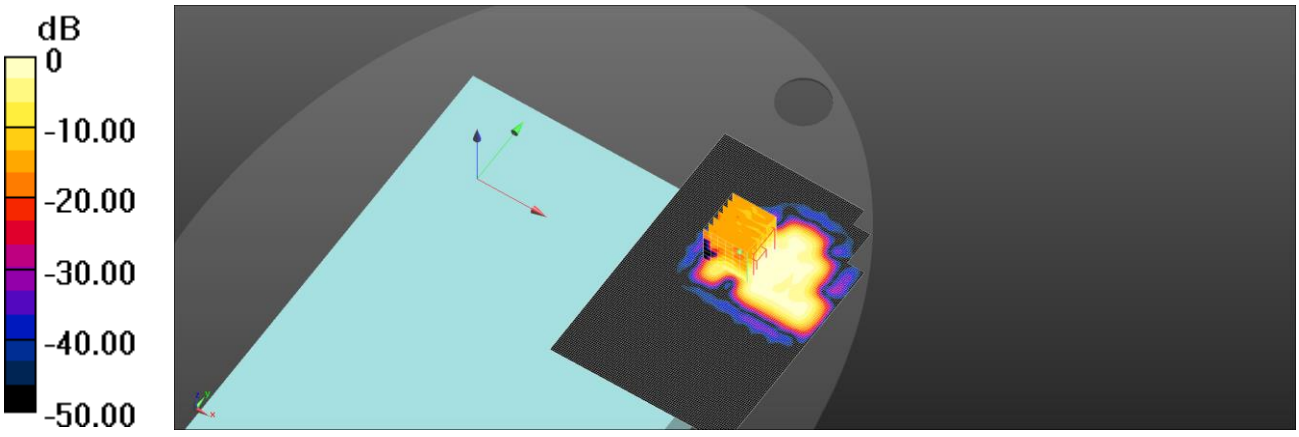
ID: 120
Report No. :TESA2405000278EN
NR n48 (40MHz)_Body_Bottom Surface_CH 645332_Pi/2 BPSK_1-1_0mm_Main
Communication System: 5G NR(40MHz,Pi/2 BPSK, 30kHz); Frequency: 3679.98 MHz; Duty cycle= 1:1
Medium parameters used: f = 3679.98 MHz; σ = 3.152 S/m; ε_r = 38.089; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.79, 6.71, 7.11) @ 3679.98 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.100 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 6.531 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.016 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 0.0719 W/kg



0 dB = 0.100 W/kg = -10.00 dBW/kg

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Date: 2024/7/31

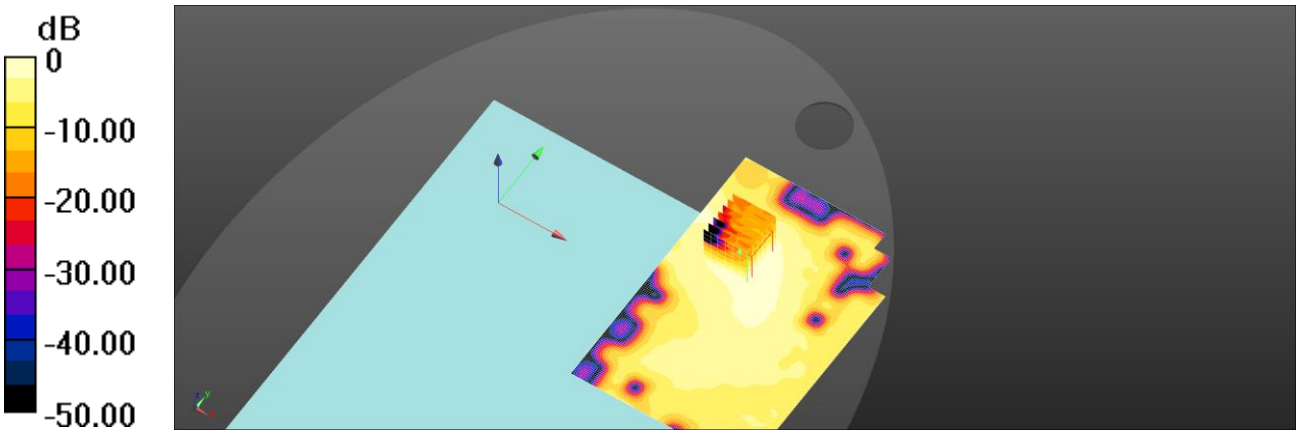
ID: 121
Report No. :TESA2405000278EN
NR n77 (100MHz)_Body_Bottom Surface_CH 650000_Pi/2 BPSK_1-1_0mm_PC3_Part3_Main
Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 3750 MHz; Duty cycle= 1:1
Medium parameters used: f = 3750 MHz; σ = 3.234 S/m; ε_r = 38.001; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.79, 6.71, 7.11) @ 3750 MHz; Calibrated: 2024/4/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.110 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 7.437 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.035 W/kg
Smallest distance from peaks to all points 3 dB below = 17.8 mm
Ratio of SAR at M2 to SAR at M1 = 49.5%
Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.110 W/kg = -9.57 dBW/kg

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