

## RF Exposure report



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

<b>Product Name</b>	ASUS Phone (Mobile Phone)
<b>Brand Name</b>	ASUS
<b>Model No.</b>	ASUS_AI2302
<b>Applicant</b>	ASUSTeK COMPUTER INC. 1F., No.15, Lide Rd., Beitou District, Taipei City 112, Taiwan
<b>Standards</b>	IEEE/ANSI C95.1-1992, IEEE 1528-2013
<b>FCC ID</b>	MSQAI2302
<b>Date of EUT Receipt</b>	Apr. 28, 2023
<b>Date of Test(s)</b>	May 16, 2023 ~ Jul. 09, 2023
<b>Date of Issue</b>	Jul. 20, 2023

In the configuration tested, the EUT complied with the standards specified above.

**Remarks:**

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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**Signed on behalf of SGS**

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

Date: Jul. 20, 2023

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## Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2305000259ES	00	Initial creation of document	Jul. 20, 2023	Kimmy Chiou	

Note:

- The mark " \* " is the revised version of the report due to comments submitted by the certification.
- Measurement results in the NFC test report TERF2305001085ER are fully leveraged in this test report.

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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

KDB648474D04v01r03

KDB941225D06v02r01

KDB941225D01v03r01

KDB941225D05v02r05

KDB941225D05Av01r02

KDB248227D01v02r01

IEC/IEEE 62209-1528:2020

SPEAG DASY6 System Handbook

SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)

IEC TR 63170:2018

IEC 62479:2010

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1.2 Description of EUT

Product Name	ASUS Phone (Mobile Phone)	
Brand Name	ASUS	
Model No.	ASUS_AI2302	
FCC ID	MSQAI2302	
Duty Cycle	GSM (DTM multi class B)	1/8.3
	GPRS (support multi class 12 max)	1/2 (1Dn4UP) 1/2.76 (1Dn3UP) 1/4.1 (1Dn2UP) 1/8.3 (1Dn1UP)
	WCDMA	1
	LTE FDD	1
	LTE TDD Power Class 3	0.633
	LTE TDD Power Class 2	0.433
	5G NR	1
	Duty Cycle	WLAN802.11
Bluetooth		Please refer to section 7
Supported radios (TX Frequency Range, MHz)	GSM850	824-849
	GSM1900	1850-1910
	WCDMA Band II	1850-1910
	WCDMA Band IV	1710-1755
	WCDMA Band V	824-849
	LTE FDD Band 2	1850-1910
	LTE FDD Band 4	1710-1755
	LTE FDD Band 5	824-849
	LTE FDD Band 7	2500-2570
	LTE FDD Band 12	699-716
LTE FDD Band 17	704-716	

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	LTE FDD Band 25	1850-1915
	LTE FDD Band 26	814-849
	LTE FDD Band 30	2305-2315
	LTE TDD Band 38	2570-2620
	LTE TDD Band 41	2496-2690
	LTE TDD Band 42	3400-3600
	LTE FDD Band 66	1710-1780
	LTE FDD Band 71	663-698
	n2	1850-1910
	n5	824-849
	n7	2500-2570
	n12	699-716
	n25	1850-1915
	n38	2570-2620
	n41	2496-2690
	n66	1710-1780
	n71	663-698
	n77	3700-3980 ; 3450-3550
	n78	3700-3800 ; 3450-3550
'Supported radios (TX Frequency Range, MHz)	802.11 b/g/n/ax	2.4GHz (2400.0 – 2483.5 MHz)
	802.11a/n/ac/ax	5.2GHz (5150.0 – 5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz)
	802.11ax	6.2GHz (5925.0 – 6425.0 MHz) 6.5GHz (6425.0 – 6525.0 MHz) 6.7GHz (6525.0 – 6875.0 MHz) 7.0GHz (6875.0 – 7125.0 MHz)
	Bluetooth 5.2	2.4GHz (2400.0 – 2483.5 MHz)

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1.3 Maximum value

Head

Summary of Maximum SAR and Power Density Value			
Mode	Highest SAR 1g (W/kg)	Highest APD (W/m <sup>2</sup> )	Highest PD (W/m <sup>2</sup> )
NR n78 WWAN	1.2	N/A	N/A
Bluetooth(GFSK)	0.53	N/A	N/A
2.4G WLAN	1.08	N/A	N/A
5.3G WLAN	1.05	N/A	N/A
5.6G WLAN	0.86	N/A	N/A
5.8G WLAN	0.67	N/A	N/A
6G WLAN	0.71	6.07	9.24

Body-worn

Summary of Maximum SAR and Power Density Value			
Mode	Highest SAR 1g (W/kg)	Highest APD (W/m <sup>2</sup> )	Highest PD (W/m <sup>2</sup> )
NR n77 & n78 WWAN	0.52	N/A	N/A
Bluetooth(GFSK)	0.11	N/A	N/A
2.4G WLAN	0.31	N/A	N/A
5.3G WLAN	0.34	N/A	N/A
5.6G WLAN	0.68	N/A	N/A
5.8G WLAN	0.94	N/A	N/A
6G WLAN	0.64	6.19	5.43

Hotspot

Summary of Maximum SAR and Power Density Value			
Mode	Highest SAR 1g (W/kg)	Highest APD (W/m <sup>2</sup> )	Highest PD (W/m <sup>2</sup> )
WCDMA Band IV WWAN	1.19	N/A	N/A
Bluetooth(GFSK)	0.3	N/A	N/A
2.4G WLAN	0.41	N/A	N/A
5.2G WLAN	0.36	N/A	N/A
5.8G WLAN	0.42	N/A	N/A

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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		
	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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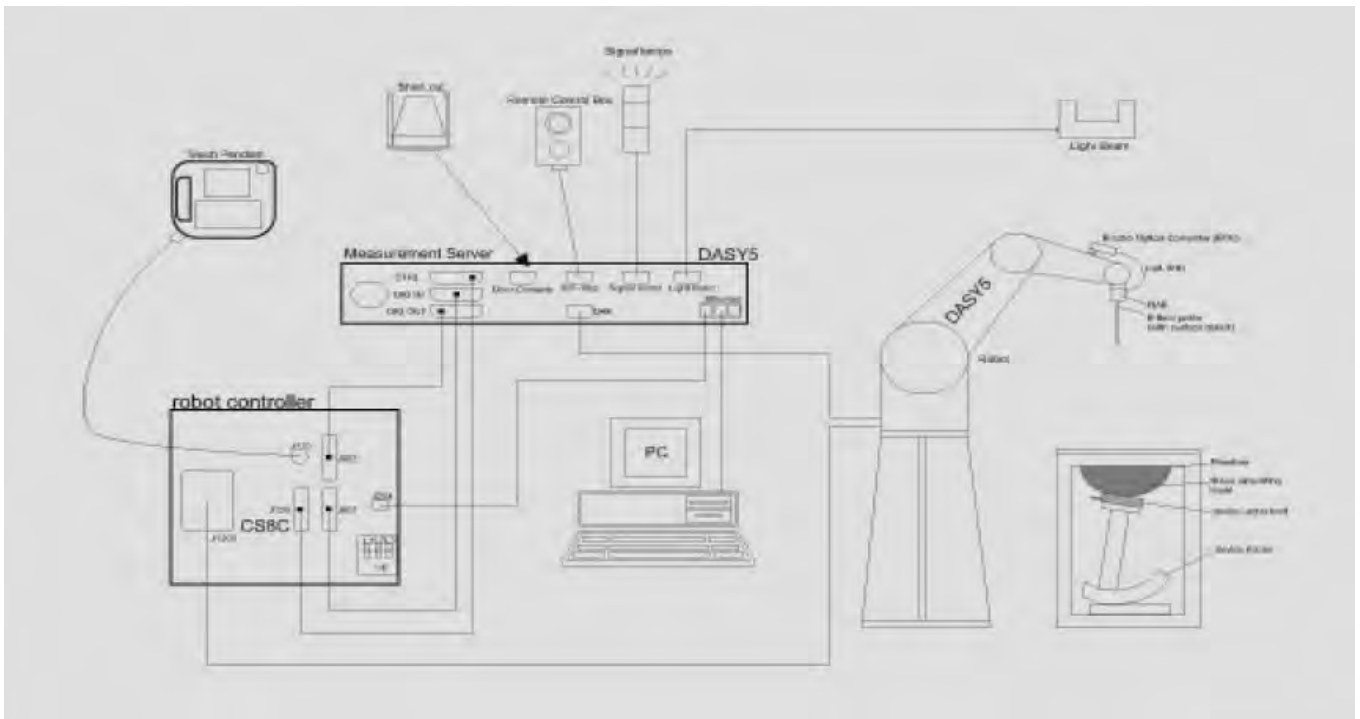
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## 2.2 SAR System

### Block Diagram (DASY5)

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



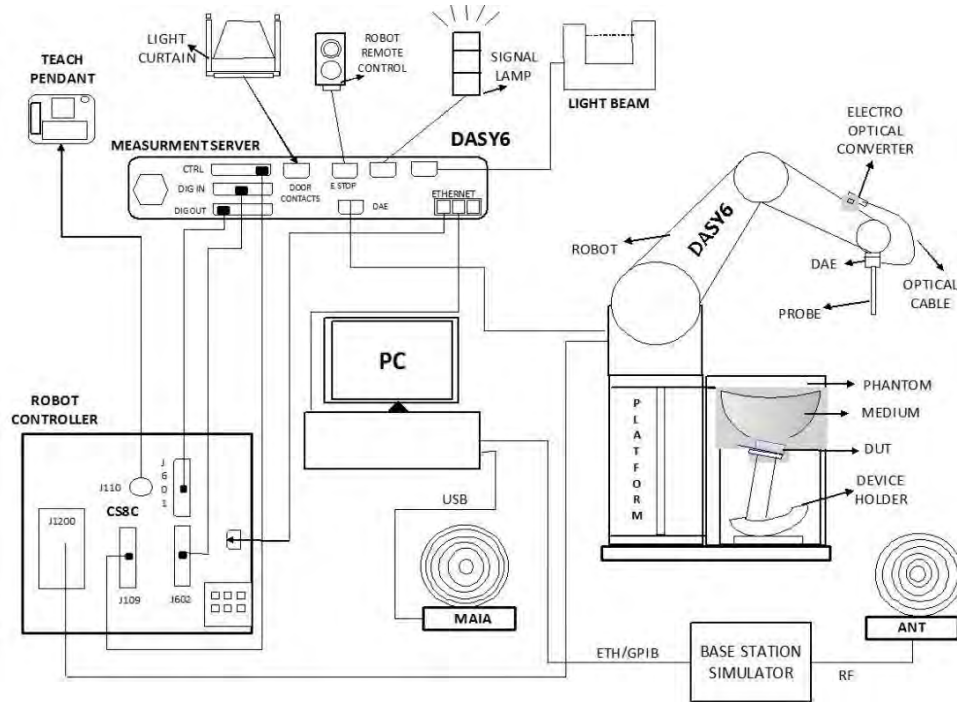
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### Block Diagram (DASY6)

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




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

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**EX3DV4 E-Field Probe**


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

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**PHANTOM (SAM)**

Model	Twin SAM	
Construction	<p>The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209.</p> <p>It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by manually teaching three points with the robot.</p>	
Shell Thickness	2 ± 0.2 mm	
Filling Volume	Approx. 25 liters	
Dimensions	Height: 850 mm; Length: 1000 mm; Width: 500 mm	

**DEVICE HOLDER**

Construction	<p>In combination with the Twin SAM Phantom V4.0/V4.0C or Twin SAM, the Mounting Device (made from POM) enables the rotation of the mounted transmitter in spherical coordinates, whereby the rotation point is the ear opening. The devices can be easily and accurately positioned according to IEC, IEEE, CENELEC, FCC or other specifications. The device holder can be locked at different phantom locations (left head, right head, flat phantom).</p>	 <p>Device Holder</p>
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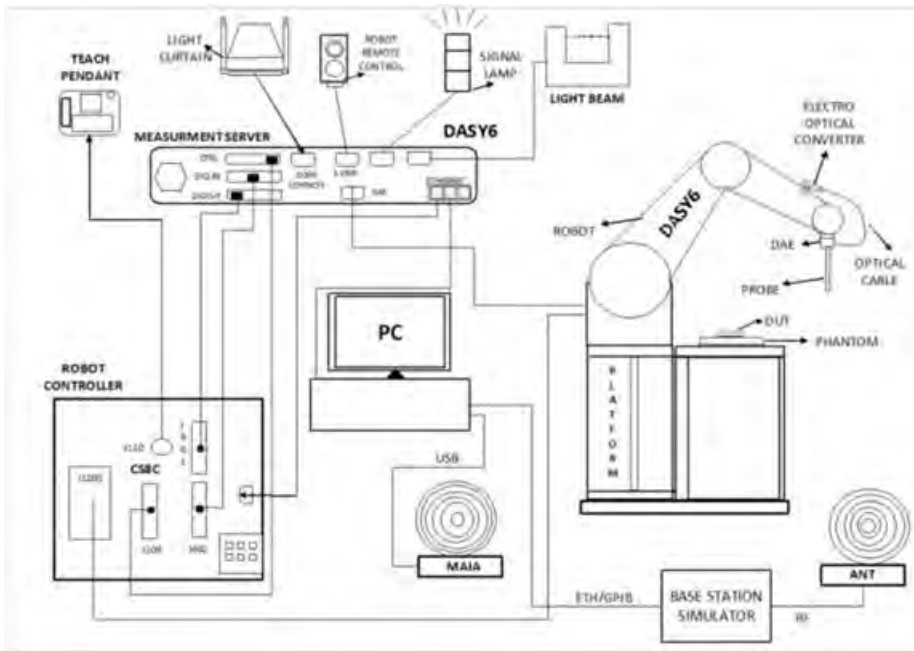
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### 2.3 PD system

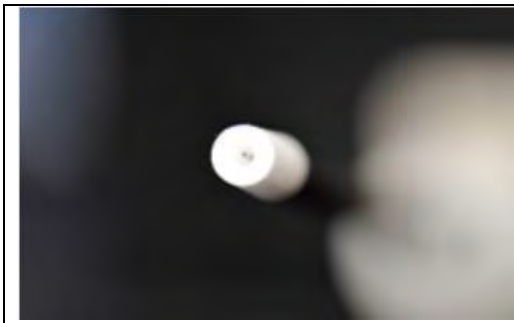
#### Block Diagram (DASY6)

Power density measurements for mmWave frequencies were performed using SPEAG DASY6 with cDASY6 5G module. The DASY6 included a high precision robotics system (Staubli), robot controller, desktop computer, near-field probe, probe alignment sensor, and the 5G phantom cover.



#### EUmmWVx probe

The EUmmWVx probe is based on the pseudo-vector probe design, which not only measures the field magnitude but also derives its polarization ellipse. The design entails two small 0.8mm dipole sensors mechanically protected by high-density foam, printed on both sides of a 0.9mm wide and 0.12mm thick glass substrate. The body of the probe is specifically constructed to minimize distortion by the scattered fields. The probe consist of two sensors with different angles (1 and 2) arranged in the same plane in the probe axis. Three or more measurements of the two sensors are taken for different probe rotational angles to derive the amplitude and polarization information. The probe design allows measurements at distances as small as 2mm from the sensors to the surface of the device under test (DUT). The typical sensor to probe tip distance is 1.5 mm. The exact distance is calibrated.



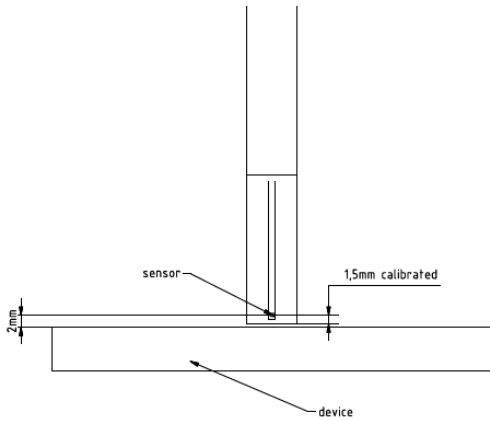
Two dipoles optimally arranged to obtain pseudo-vector information. Minimum 3 measurements/point, 120° rotated around probe axis. Sensors (0.8mm length) printed on glass substrate protected by high density foam. Low perturbation of the measured field. Requires positioner which can do accurate probe rotation.

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Frequency Range	750 MHz – 110 GHz
Dynamic Range	< 20 V/m – 10,000 V/m with PRE-10 (min < 50 V/m - 3000 V/m)
Position Precision	< 0.2 mm (DASY6)
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: encapsulation 8 mm (internal sensor < 1mm) Distance from probe tip to dipole centers: < 2 mm. Sensor displacement to probe's calibration point: < 0.3 mm
Applications	E-field measurements of 5G devices and other mm-wave transmitters operating above 10GHz in < 2 mm distance from device (free-space). Power density, H-field and far-field analysis using total field reconstruction (cDASY6 5G module required)
Compatibility	cDASY6 + 5G-Module SW1.0 and higher



### mmWave Phantom

The mmWave Phantom approximates free-space conditions, allowing for the evaluation of the antenna side of the device and the front (screen) side or any opposite-radiating side of wireless devices operating above 10 GHz without distorting the RF field. It consists of a 40mm thick Rohacell plate used as a test bed, which has a loss tangent ( $\tan \delta$ )  $\leq 0.05$  and a relative permittivity ( $\epsilon_r$ )  $\leq 1.2$ . High-performance RF absorbers are placed below the foam.

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### 3 SAR SYSTEM VERIFICATION

#### 3.1 Tissue Simulating Liquid

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

#### 3.2 Tissue Simulant Liquid measurement

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

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

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### 3.3 Measurement results of Tissue Simulant Liquid

Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
673	22.2	42.311	0.885	42.908	0.860	1.41%	-2.81%	± 5%	May. 16, 2023
678	22.2	42.284	0.885	42.864	0.862	1.37%	-2.62%	± 5%	May. 16, 2023
680.5	22.2	42.271	0.885	42.845	0.864	1.36%	-2.41%	± 5%	May. 16, 2023
683	22.2	42.257	0.886	42.822	0.865	1.34%	-2.32%	± 5%	May. 16, 2023
688	22.2	42.231	0.886	42.757	0.869	1.25%	-1.90%	± 5%	May. 16, 2023
704	22.2	42.145	0.887	42.650	0.871	1.20%	-1.80%	± 5%	May. 16, 2023
706.5	22.2	42.132	0.887	42.632	0.872	1.19%	-1.70%	± 5%	May. 16, 2023
707.5	22.2	42.127	0.887	42.615	0.873	1.16%	-1.60%	± 5%	May. 16, 2023
708.5	22.2	42.121	0.887	42.611	0.874	1.16%	-1.49%	± 5%	May. 16, 2023
709	22.2	42.119	0.887	42.609	0.875	1.16%	-1.38%	± 5%	May. 16, 2023
710	22.2	42.113	0.887	42.601	0.876	1.16%	-1.28%	± 5%	May. 16, 2023
711	22.2	42.108	0.887	42.591	0.877	1.15%	-1.17%	± 5%	May. 16, 2023
750	22.2	41.900	0.890	42.324	0.882	1.01%	-0.90%	± 5%	May. 16, 2023
673	22.0	42.311	0.885	43.028	0.866	1.70%	-2.13%	± 5%	May. 17, 2023
678	22.0	42.284	0.885	42.984	0.868	1.66%	-1.94%	± 5%	May. 17, 2023
680.5	22.0	42.271	0.885	42.965	0.870	1.64%	-1.74%	± 5%	May. 17, 2023
683	22.0	42.257	0.886	42.942	0.871	1.62%	-1.64%	± 5%	May. 17, 2023
688	22.0	42.231	0.886	42.877	0.875	1.53%	-1.23%	± 5%	May. 17, 2023
704	22.0	42.145	0.887	42.770	0.877	1.48%	-1.12%	± 5%	May. 17, 2023
706.5	22.0	42.132	0.887	42.752	0.878	1.47%	-1.03%	± 5%	May. 17, 2023
707.5	22.0	42.127	0.887	42.735	0.879	1.44%	-0.92%	± 5%	May. 17, 2023
708.5	22.0	42.121	0.887	42.731	0.880	1.45%	-0.82%	± 5%	May. 17, 2023
709	22.0	42.119	0.887	42.729	0.881	1.45%	-0.71%	± 5%	May. 17, 2023
710	22.0	42.113	0.887	42.721	0.882	1.44%	-0.60%	± 5%	May. 17, 2023
711	22.0	42.108	0.887	42.711	0.883	1.43%	-0.50%	± 5%	May. 17, 2023
750	22.0	41.900	0.890	42.444	0.888	1.30%	-0.22%	± 5%	May. 17, 2023
673	21.9	42.311	0.885	43.238	0.870	2.19%	-1.68%	± 5%	May. 16, 2023
678	21.9	42.284	0.885	43.194	0.872	2.15%	-1.49%	± 5%	May. 16, 2023
680.5	21.9	42.271	0.885	43.175	0.874	2.14%	-1.28%	± 5%	May. 16, 2023
683	21.9	42.257	0.886	43.152	0.875	2.12%	-1.19%	± 5%	May. 16, 2023
688	21.9	42.231	0.886	43.087	0.879	2.03%	-0.78%	± 5%	May. 16, 2023
704	21.9	42.145	0.887	42.980	0.881	1.98%	-0.67%	± 5%	May. 16, 2023
706.5	21.9	42.132	0.887	42.962	0.882	1.97%	-0.57%	± 5%	May. 16, 2023
707.5	21.9	42.127	0.887	42.945	0.883	1.94%	-0.47%	± 5%	May. 16, 2023
708.5	21.9	42.121	0.887	42.941	0.884	1.95%	-0.36%	± 5%	May. 16, 2023
709	21.9	42.119	0.887	42.939	0.885	1.95%	-0.26%	± 5%	May. 16, 2023
710	21.9	42.113	0.887	42.931	0.886	1.94%	-0.15%	± 5%	May. 16, 2023
711	21.9	42.108	0.887	42.921	0.887	1.93%	-0.05%	± 5%	May. 16, 2023
750	21.9	41.900	0.890	42.654	0.892	1.80%	0.22%	± 5%	May. 16, 2023
673	21.8	42.311	0.885	42.958	0.857	1.53%	-3.15%	± 5%	May. 17, 2023
678	21.8	42.284	0.885	42.914	0.859	1.49%	-2.96%	± 5%	May. 17, 2023
680.5	21.8	42.271	0.885	42.895	0.861	1.48%	-2.75%	± 5%	May. 17, 2023
683	21.8	42.257	0.886	42.872	0.862	1.45%	-2.66%	± 5%	May. 17, 2023
688	21.8	42.231	0.886	42.807	0.866	1.36%	-2.24%	± 5%	May. 17, 2023
704	21.8	42.145	0.887	42.700	0.868	1.32%	-2.13%	± 5%	May. 17, 2023
706.5	21.8	42.132	0.887	42.682	0.869	1.31%	-2.04%	± 5%	May. 17, 2023
707.5	21.8	42.127	0.887	42.665	0.870	1.28%	-1.93%	± 5%	May. 17, 2023
708.5	21.8	42.121	0.887	42.661	0.871	1.28%	-1.83%	± 5%	May. 17, 2023
709	21.8	42.119	0.887	42.659	0.872	1.28%	-1.72%	± 5%	May. 17, 2023
710	21.8	42.113	0.887	42.651	0.873	1.28%	-1.62%	± 5%	May. 17, 2023
711	21.8	42.108	0.887	42.641	0.874	1.27%	-1.51%	± 5%	May. 17, 2023
750	21.8	41.900	0.890	42.374	0.879	1.13%	-1.24%	± 5%	May. 17, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
673	22.1	42.311	0.885	42.882	0.861	1.35%	-2.70%	± 5%	May. 18, 2023
678	22.1	42.284	0.885	42.828	0.863	1.29%	-2.51%	± 5%	May. 18, 2023
680.5	22.1	42.271	0.885	42.784	0.865	1.21%	-2.30%	± 5%	May. 18, 2023
683	22.1	42.257	0.886	42.765	0.866	1.20%	-2.21%	± 5%	May. 18, 2023
688	22.1	42.231	0.886	42.742	0.870	1.21%	-1.79%	± 5%	May. 18, 2023
704	22.1	42.145	0.887	42.677	0.872	1.26%	-1.68%	± 5%	May. 18, 2023
706.5	22.1	42.132	0.887	42.570	0.873	1.04%	-1.59%	± 5%	May. 18, 2023
707.5	22.1	42.127	0.887	42.552	0.874	1.01%	-1.48%	± 5%	May. 18, 2023
708.5	22.1	42.121	0.887	42.535	0.875	0.98%	-1.38%	± 5%	May. 18, 2023
709	22.1	42.119	0.887	42.531	0.876	0.98%	-1.27%	± 5%	May. 18, 2023
710	22.1	42.113	0.887	42.529	0.877	0.99%	-1.16%	± 5%	May. 18, 2023
711	22.1	42.108	0.887	42.521	0.878	0.98%	-1.06%	± 5%	May. 18, 2023
750	22.1	41.900	0.890	42.511	0.883	1.46%	-0.79%	± 5%	May. 18, 2023
673	21.9	42.311	0.885	43.012	0.859	1.66%	-2.92%	± 5%	May. 19, 2023
678	21.9	42.284	0.885	42.958	0.861	1.59%	-2.73%	± 5%	May. 19, 2023
680.5	21.9	42.271	0.885	42.914	0.863	1.52%	-2.53%	± 5%	May. 19, 2023
683	21.9	42.257	0.886	42.895	0.864	1.51%	-2.43%	± 5%	May. 19, 2023
688	21.9	42.231	0.886	42.872	0.868	1.52%	-2.02%	± 5%	May. 19, 2023
704	21.9	42.145	0.887	42.807	0.870	1.57%	-1.91%	± 5%	May. 19, 2023
706.5	21.9	42.132	0.887	42.700	0.871	1.35%	-1.81%	± 5%	May. 19, 2023
707.5	21.9	42.127	0.887	42.682	0.872	1.32%	-1.71%	± 5%	May. 19, 2023
708.5	21.9	42.121	0.887	42.665	0.873	1.29%	-1.60%	± 5%	May. 19, 2023
709	21.9	42.119	0.887	42.661	0.874	1.29%	-1.50%	± 5%	May. 19, 2023
710	21.9	42.113	0.887	42.659	0.875	1.30%	-1.39%	± 5%	May. 19, 2023
711	21.9	42.108	0.887	42.651	0.876	1.29%	-1.28%	± 5%	May. 19, 2023
750	21.9	41.900	0.890	42.641	0.881	1.77%	-1.01%	± 5%	May. 19, 2023
821.5	21.8	41.564	0.898	41.859	0.891	0.71%	-0.82%	± 5%	May. 18, 2023
824.2	21.8	41.551	0.899	41.831	0.893	0.67%	-0.64%	± 5%	May. 18, 2023
826.4	21.8	41.540	0.899	41.820	0.897	0.67%	-0.22%	± 5%	May. 18, 2023
829	21.8	41.528	0.899	41.797	0.899	0.65%	-0.03%	± 5%	May. 18, 2023
831.5	21.8	41.516	0.900	41.784	0.901	0.64%	0.16%	± 5%	May. 18, 2023
834	21.8	41.505	0.900	41.761	0.905	0.62%	0.57%	± 5%	May. 18, 2023
835	21.8	41.500	0.900	41.753	0.906	0.61%	0.67%	± 5%	May. 18, 2023
836.5	21.8	41.500	0.902	41.751	0.908	0.60%	0.71%	± 5%	May. 18, 2023
836.6	21.8	41.500	0.902	41.751	0.908	0.60%	0.70%	± 5%	May. 18, 2023
839	21.8	41.500	0.904	41.747	0.911	0.60%	0.74%	± 5%	May. 18, 2023
841.5	21.8	41.500	0.907	41.744	0.913	0.59%	0.66%	± 5%	May. 18, 2023
844	21.8	41.500	0.910	41.730	0.918	0.55%	0.91%	± 5%	May. 18, 2023
846.6	21.8	41.500	0.912	41.725	0.921	0.54%	0.93%	± 5%	May. 18, 2023
848.8	21.8	41.500	0.915	41.720	0.924	0.53%	1.00%	± 5%	May. 18, 2023
821.5	22.0	41.564	0.898	42.569	0.914	2.42%	1.74%	± 5%	May. 19, 2023
824.2	22.0	41.551	0.899	42.541	0.916	2.38%	1.92%	± 5%	May. 19, 2023
826.4	22.0	41.540	0.899	42.530	0.920	2.38%	2.34%	± 5%	May. 19, 2023
829	22.0	41.528	0.899	42.507	0.922	2.36%	2.52%	± 5%	May. 19, 2023
831.5	22.0	41.516	0.900	42.494	0.924	2.35%	2.71%	± 5%	May. 19, 2023
834	22.0	41.505	0.900	42.471	0.928	2.33%	3.12%	± 5%	May. 19, 2023
835	22.0	41.500	0.900	42.463	0.929	2.32%	3.22%	± 5%	May. 19, 2023
836.5	22.0	41.500	0.902	42.461	0.931	2.32%	3.26%	± 5%	May. 19, 2023
836.6	22.0	41.500	0.902	42.461	0.931	2.32%	3.25%	± 5%	May. 19, 2023
839	22.0	41.500	0.904	42.457	0.934	2.31%	3.28%	± 5%	May. 19, 2023
841.5	22.0	41.500	0.907	42.454	0.936	2.30%	3.20%	± 5%	May. 19, 2023
844	22.0	41.500	0.910	42.440	0.941	2.27%	3.44%	± 5%	May. 19, 2023
846.6	22.0	41.500	0.912	42.435	0.944	2.25%	3.45%	± 5%	May. 19, 2023
848.8	22.0	41.500	0.915	42.430	0.947	2.24%	3.51%	± 5%	May. 19, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
821.5	21.7	41.564	0.898	42.199	0.900	1.53%	0.18%	± 5%	May. 20, 2023
824.2	21.7	41.551	0.899	42.171	0.902	1.49%	0.36%	± 5%	May. 20, 2023
826.4	21.7	41.540	0.899	42.160	0.906	1.49%	0.78%	± 5%	May. 20, 2023
829	21.7	41.528	0.899	42.137	0.908	1.47%	0.97%	± 5%	May. 20, 2023
831.5	21.7	41.516	0.900	42.124	0.910	1.46%	1.16%	± 5%	May. 20, 2023
834	21.7	41.505	0.900	42.101	0.914	1.44%	1.57%	± 5%	May. 20, 2023
835	21.7	41.500	0.900	42.093	0.915	1.43%	1.67%	± 5%	May. 20, 2023
836.5	21.7	41.500	0.902	42.091	0.917	1.42%	1.71%	± 5%	May. 20, 2023
836.6	21.7	41.500	0.902	42.091	0.917	1.42%	1.69%	± 5%	May. 20, 2023
839	21.7	41.500	0.904	42.087	0.920	1.41%	1.74%	± 5%	May. 20, 2023
841.5	21.7	41.500	0.907	42.084	0.922	1.41%	1.65%	± 5%	May. 20, 2023
844	21.7	41.500	0.910	42.070	0.927	1.37%	1.90%	± 5%	May. 20, 2023
846.6	21.7	41.500	0.912	42.065	0.930	1.36%	1.92%	± 5%	May. 20, 2023
848.8	21.7	41.500	0.915	42.060	0.933	1.35%	1.98%	± 5%	May. 20, 2023
821.5	22.2	41.564	0.898	42.379	0.905	1.96%	0.73%	± 5%	May. 21, 2023
824.2	22.2	41.551	0.899	42.351	0.907	1.93%	0.92%	± 5%	May. 21, 2023
826.4	22.2	41.540	0.899	42.340	0.911	1.92%	1.34%	± 5%	May. 21, 2023
829	22.2	41.528	0.899	42.317	0.913	1.90%	1.52%	± 5%	May. 21, 2023
831.5	22.2	41.516	0.900	42.304	0.915	1.90%	1.71%	± 5%	May. 21, 2023
834	22.2	41.505	0.900	42.281	0.919	1.87%	2.12%	± 5%	May. 21, 2023
835	22.2	41.500	0.900	42.273	0.920	1.86%	2.22%	± 5%	May. 21, 2023
836.5	22.2	41.500	0.902	42.271	0.922	1.86%	2.26%	± 5%	May. 21, 2023
836.6	22.2	41.500	0.902	42.271	0.922	1.86%	2.25%	± 5%	May. 21, 2023
839	22.2	41.500	0.904	42.267	0.925	1.85%	2.29%	± 5%	May. 21, 2023
841.5	22.2	41.500	0.907	42.264	0.927	1.84%	2.21%	± 5%	May. 21, 2023
844	22.2	41.500	0.910	42.250	0.932	1.81%	2.45%	± 5%	May. 21, 2023
846.6	22.2	41.500	0.912	42.245	0.935	1.80%	2.47%	± 5%	May. 21, 2023
848.8	22.2	41.500	0.915	42.240	0.938	1.78%	2.53%	± 5%	May. 21, 2023
821.5	21.5	41.564	0.898	42.609	0.912	2.52%	1.51%	± 5%	May. 22, 2023
824.2	21.5	41.551	0.899	42.581	0.914	2.48%	1.70%	± 5%	May. 22, 2023
826.4	21.5	41.540	0.899	42.570	0.918	2.48%	2.11%	± 5%	May. 22, 2023
829	21.5	41.528	0.899	42.547	0.920	2.45%	2.30%	± 5%	May. 22, 2023
831.5	21.5	41.516	0.900	42.534	0.922	2.45%	2.49%	± 5%	May. 22, 2023
834	21.5	41.505	0.900	42.511	0.926	2.42%	2.90%	± 5%	May. 22, 2023
835	21.5	41.500	0.900	42.503	0.927	2.42%	3.00%	± 5%	May. 22, 2023
836.5	21.5	41.500	0.902	42.501	0.929	2.41%	3.04%	± 5%	May. 22, 2023
836.6	21.5	41.500	0.902	42.501	0.929	2.41%	3.02%	± 5%	May. 22, 2023
839	21.5	41.500	0.904	42.497	0.932	2.40%	3.06%	± 5%	May. 22, 2023
841.5	21.5	41.500	0.907	42.494	0.934	2.40%	2.98%	± 5%	May. 22, 2023
844	21.5	41.500	0.910	42.480	0.939	2.36%	3.22%	± 5%	May. 22, 2023
846.6	21.5	41.500	0.912	42.475	0.942	2.35%	3.23%	± 5%	May. 22, 2023
848.8	21.5	41.500	0.915	42.470	0.945	2.34%	3.29%	± 5%	May. 22, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
1712.4	21.7	40.125	1.350	40.446	1.304	0.80%	-3.40%	± 5%	May. 20, 2023
1720	21.7	40.114	1.354	40.422	1.311	0.77%	-3.20%	± 5%	May. 20, 2023
1730	21.7	40.100	1.360	40.400	1.321	0.75%	-2.87%	± 5%	May. 20, 2023
1732.4	21.7	40.097	1.361	40.399	1.323	0.75%	-2.82%	± 5%	May. 20, 2023
1732.5	21.7	40.096	1.361	40.399	1.323	0.75%	-2.82%	± 5%	May. 20, 2023
1745	21.7	40.079	1.369	40.356	1.334	0.69%	-2.53%	± 5%	May. 20, 2023
1750	21.7	40.071	1.371	40.346	1.339	0.69%	-2.36%	± 5%	May. 20, 2023
1752.6	21.7	40.068	1.373	40.341	1.340	0.68%	-2.40%	± 5%	May. 20, 2023
1760	21.7	40.057	1.377	40.321	1.347	0.66%	-2.19%	± 5%	May. 20, 2023
1770	21.7	40.043	1.383	40.296	1.358	0.63%	-1.80%	± 5%	May. 20, 2023
1712.4	21.6	40.125	1.350	40.656	1.328	1.32%	-1.63%	± 5%	May. 21, 2023
1720	21.6	40.114	1.354	40.632	1.335	1.29%	-1.42%	± 5%	May. 21, 2023
1730	21.6	40.100	1.360	40.610	1.345	1.27%	-1.10%	± 5%	May. 21, 2023
1732.4	21.6	40.097	1.361	40.609	1.347	1.28%	-1.06%	± 5%	May. 21, 2023
1732.5	21.6	40.096	1.361	40.609	1.348	1.28%	-0.99%	± 5%	May. 21, 2023
1745	21.6	40.079	1.369	40.566	1.358	1.22%	-0.77%	± 5%	May. 21, 2023
1750	21.6	40.071	1.371	40.556	1.363	1.21%	-0.61%	± 5%	May. 21, 2023
1752.6	21.6	40.068	1.373	40.551	1.364	1.21%	-0.65%	± 5%	May. 21, 2023
1760	21.6	40.057	1.377	40.531	1.371	1.18%	-0.45%	± 5%	May. 21, 2023
1770	21.6	40.043	1.383	40.506	1.382	1.16%	-0.06%	± 5%	May. 21, 2023
1712.4	21.8	40.125	1.350	40.956	1.365	2.07%	1.12%	± 5%	May. 22, 2023
1720	21.8	40.114	1.354	40.932	1.372	2.04%	1.31%	± 5%	May. 22, 2023
1730	21.8	40.100	1.360	40.910	1.382	2.02%	1.62%	± 5%	May. 22, 2023
1732.4	21.8	40.097	1.361	40.909	1.384	2.03%	1.66%	± 5%	May. 22, 2023
1732.5	21.8	40.096	1.361	40.909	1.384	2.03%	1.66%	± 5%	May. 22, 2023
1745	21.8	40.079	1.369	40.866	1.395	1.96%	1.93%	± 5%	May. 22, 2023
1750	21.8	40.071	1.371	40.856	1.400	1.96%	2.08%	± 5%	May. 22, 2023
1752.6	21.8	40.068	1.373	40.851	1.401	1.95%	2.05%	± 5%	May. 22, 2023
1760	21.8	40.057	1.377	40.831	1.408	1.93%	2.24%	± 5%	May. 22, 2023
1770	21.8	40.043	1.383	40.806	1.419	1.91%	2.61%	± 5%	May. 22, 2023
1712.4	22.0	40.125	1.350	39.976	1.315	-0.37%	-2.59%	± 5%	May. 23, 2023
1720	22.0	40.114	1.354	39.952	1.322	-0.40%	-2.38%	± 5%	May. 23, 2023
1730	22.0	40.100	1.360	39.930	1.332	-0.42%	-2.06%	± 5%	May. 23, 2023
1732.4	22.0	40.097	1.361	39.929	1.334	-0.42%	-2.01%	± 5%	May. 23, 2023
1732.5	22.0	40.096	1.361	39.929	1.334	-0.42%	-2.01%	± 5%	May. 23, 2023
1745	22.0	40.079	1.369	39.886	1.345	-0.48%	-1.72%	± 5%	May. 23, 2023
1750	22.0	40.071	1.371	39.876	1.350	-0.49%	-1.56%	± 5%	May. 23, 2023
1752.6	22.0	40.068	1.373	39.871	1.351	-0.49%	-1.60%	± 5%	May. 23, 2023
1760	22.0	40.057	1.377	39.851	1.358	-0.51%	-1.39%	± 5%	May. 23, 2023
1770	22.0	40.043	1.383	39.826	1.369	-0.54%	-1.00%	± 5%	May. 23, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
1712.4	21.9	40.125	1.350	39.846	1.320	-0.70%	-2.22%	± 5%	May. 24, 2023
1720	21.9	40.114	1.354	39.822	1.327	-0.73%	-2.01%	± 5%	May. 24, 2023
1730	21.9	40.100	1.360	39.800	1.337	-0.75%	-1.69%	± 5%	May. 24, 2023
1732.4	21.9	40.097	1.361	39.799	1.339	-0.74%	-1.64%	± 5%	May. 24, 2023
1732.5	21.9	40.096	1.361	39.799	1.339	-0.74%	-1.65%	± 5%	May. 24, 2023
1745	21.9	40.079	1.369	39.756	1.350	-0.80%	-1.36%	± 5%	May. 24, 2023
1750	21.9	40.071	1.371	39.746	1.355	-0.81%	-1.20%	± 5%	May. 24, 2023
1752.6	21.9	40.068	1.373	39.741	1.356	-0.82%	-1.23%	± 5%	May. 24, 2023
1760	21.9	40.057	1.377	39.721	1.363	-0.84%	-1.03%	± 5%	May. 24, 2023
1770	21.9	40.043	1.383	39.696	1.374	-0.87%	-0.64%	± 5%	May. 24, 2023
1712.4	21.7	40.125	1.350	39.706	1.323	-1.04%	-2.00%	± 5%	May. 25, 2023
1720	21.7	40.114	1.354	39.682	1.330	-1.08%	-1.79%	± 5%	May. 25, 2023
1730	21.7	40.100	1.360	39.660	1.340	-1.10%	-1.47%	± 5%	May. 25, 2023
1732.4	21.7	40.097	1.361	39.659	1.342	-1.09%	-1.42%	± 5%	May. 25, 2023
1732.5	21.7	40.096	1.361	39.659	1.342	-1.09%	-1.43%	± 5%	May. 25, 2023
1745	21.7	40.079	1.369	39.616	1.353	-1.15%	-1.14%	± 5%	May. 25, 2023
1750	21.7	40.071	1.371	39.606	1.358	-1.16%	-0.98%	± 5%	May. 25, 2023
1752.6	21.7	40.068	1.373	39.601	1.359	-1.16%	-1.01%	± 5%	May. 25, 2023
1760	21.7	40.057	1.377	39.581	1.366	-1.19%	-0.81%	± 5%	May. 25, 2023
1770	21.7	40.043	1.383	39.566	1.377	-1.22%	-0.42%	± 5%	May. 25, 2023
1712.4	21.6	40.125	1.350	39.496	1.327	-1.57%	-1.70%	± 5%	May. 26, 2023
1720	21.6	40.114	1.354	39.472	1.334	-1.60%	-1.50%	± 5%	May. 26, 2023
1730	21.6	40.100	1.360	39.450	1.344	-1.62%	-1.18%	± 5%	May. 26, 2023
1732.4	21.6	40.097	1.361	39.449	1.346	-1.62%	-1.13%	± 5%	May. 26, 2023
1732.5	21.6	40.096	1.361	39.449	1.346	-1.61%	-1.13%	± 5%	May. 26, 2023
1745	21.6	40.079	1.369	39.406	1.357	-1.68%	-0.85%	± 5%	May. 26, 2023
1750	21.6	40.071	1.371	39.396	1.362	-1.69%	-0.69%	± 5%	May. 26, 2023
1752.6	21.6	40.068	1.373	39.391	1.363	-1.69%	-0.72%	± 5%	May. 26, 2023
1760	21.6	40.057	1.377	39.371	1.370	-1.71%	-0.52%	± 5%	May. 26, 2023
1770	21.6	40.043	1.383	39.346	1.381	-1.74%	-0.13%	± 5%	May. 26, 2023
1712.4	22.4	40.125	1.350	39.616	1.325	-1.27%	-1.85%	± 5%	May. 27, 2023
1720	22.4	40.114	1.354	39.592	1.332	-1.30%	-1.65%	± 5%	May. 27, 2023
1730	22.4	40.100	1.360	39.570	1.342	-1.32%	-1.32%	± 5%	May. 27, 2023
1732.4	22.4	40.097	1.361	39.569	1.344	-1.32%	-1.28%	± 5%	May. 27, 2023
1732.5	22.4	40.096	1.361	39.569	1.344	-1.32%	-1.28%	± 5%	May. 27, 2023
1745	22.4	40.079	1.369	39.526	1.355	-1.38%	-0.99%	± 5%	May. 27, 2023
1750	22.4	40.071	1.371	39.516	1.360	-1.39%	-0.83%	± 5%	May. 27, 2023
1752.6	22.4	40.068	1.373	39.511	1.361	-1.39%	-0.87%	± 5%	May. 27, 2023
1760	22.4	40.057	1.377	39.491	1.368	-1.41%	-0.66%	± 5%	May. 27, 2023
1770	22.4	40.043	1.383	39.466	1.379	-1.44%	-0.28%	± 5%	May. 27, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
1850.2	21.9	40.000	1.400	41.316	1.423	3.29%	1.64%	± 5%	May. 23, 2023
1852.4	21.9	40.000	1.400	41.307	1.425	3.27%	1.79%	± 5%	May. 23, 2023
1860	21.9	40.000	1.400	41.285	1.430	3.21%	2.14%	± 5%	May. 23, 2023
1870	21.9	40.000	1.400	41.256	1.439	3.14%	2.79%	± 5%	May. 23, 2023
1880	21.9	40.000	1.400	41.231	1.448	3.08%	3.43%	± 5%	May. 23, 2023
1882.5	21.9	40.000	1.400	41.229	1.450	3.07%	3.57%	± 5%	May. 23, 2023
1895	21.9	40.000	1.400	41.208	1.452	3.02%	3.71%	± 5%	May. 23, 2023
1900	21.9	40.000	1.400	41.202	1.457	3.01%	4.07%	± 5%	May. 23, 2023
1905	21.9	40.000	1.400	41.196	1.461	2.99%	4.36%	± 5%	May. 23, 2023
1907.6	21.9	40.000	1.400	41.180	1.463	2.95%	4.50%	± 5%	May. 23, 2023
1909.8	21.9	40.000	1.400	41.170	1.465	2.93%	4.64%	± 5%	May. 23, 2023
1850.2	21.5	40.000	1.400	40.676	1.407	1.69%	0.50%	± 5%	May. 24, 2023
1852.4	21.5	40.000	1.400	40.667	1.409	1.67%	0.64%	± 5%	May. 24, 2023
1860	21.5	40.000	1.400	40.645	1.414	1.61%	1.00%	± 5%	May. 24, 2023
1870	21.5	40.000	1.400	40.616	1.423	1.54%	1.64%	± 5%	May. 24, 2023
1880	21.5	40.000	1.400	40.591	1.432	1.48%	2.29%	± 5%	May. 24, 2023
1882.5	21.5	40.000	1.400	40.589	1.434	1.47%	2.43%	± 5%	May. 24, 2023
1895	21.5	40.000	1.400	40.568	1.436	1.42%	2.57%	± 5%	May. 24, 2023
1900	21.5	40.000	1.400	40.562	1.441	1.41%	2.93%	± 5%	May. 24, 2023
1905	21.5	40.000	1.400	40.556	1.445	1.39%	3.21%	± 5%	May. 24, 2023
1907.6	21.5	40.000	1.400	40.540	1.447	1.35%	3.36%	± 5%	May. 24, 2023
1909.8	21.5	40.000	1.400	40.530	1.449	1.33%	3.50%	± 5%	May. 24, 2023
1850.2	21.7	40.000	1.400	40.966	1.416	2.42%	1.14%	± 5%	May. 25, 2023
1852.4	21.7	40.000	1.400	40.957	1.418	2.39%	1.29%	± 5%	May. 25, 2023
1860	21.7	40.000	1.400	40.935	1.423	2.34%	1.64%	± 5%	May. 25, 2023
1870	21.7	40.000	1.400	40.906	1.432	2.27%	2.29%	± 5%	May. 25, 2023
1880	21.7	40.000	1.400	40.881	1.441	2.20%	2.93%	± 5%	May. 25, 2023
1882.5	21.7	40.000	1.400	40.879	1.443	2.20%	3.07%	± 5%	May. 25, 2023
1895	21.7	40.000	1.400	40.858	1.445	2.15%	3.21%	± 5%	May. 25, 2023
1900	21.7	40.000	1.400	40.852	1.450	2.13%	3.57%	± 5%	May. 25, 2023
1905	21.7	40.000	1.400	40.846	1.454	2.12%	3.86%	± 5%	May. 25, 2023
1907.6	21.7	40.000	1.400	40.830	1.456	2.08%	4.00%	± 5%	May. 25, 2023
1909.8	21.7	40.000	1.400	40.820	1.458	2.05%	4.14%	± 5%	May. 25, 2023
1850.2	22.1	40.000	1.400	40.896	1.399	2.24%	-0.07%	± 5%	May. 28, 2023
1852.4	22.1	40.000	1.400	40.887	1.401	2.22%	0.07%	± 5%	May. 28, 2023
1860	22.1	40.000	1.400	40.865	1.406	2.16%	0.43%	± 5%	May. 28, 2023
1870	22.1	40.000	1.400	40.836	1.415	2.09%	1.07%	± 5%	May. 28, 2023
1880	22.1	40.000	1.400	40.811	1.424	2.03%	1.71%	± 5%	May. 28, 2023
1882.5	22.1	40.000	1.400	40.809	1.426	2.02%	1.86%	± 5%	May. 28, 2023
1895	22.1	40.000	1.400	40.788	1.428	1.97%	2.00%	± 5%	May. 28, 2023
1900	22.1	40.000	1.400	40.782	1.433	1.96%	2.36%	± 5%	May. 28, 2023
1905	22.1	40.000	1.400	40.776	1.437	1.94%	2.64%	± 5%	May. 28, 2023
1907.6	22.1	40.000	1.400	40.760	1.439	1.90%	2.79%	± 5%	May. 28, 2023
1909.8	22.1	40.000	1.400	40.750	1.441	1.88%	2.93%	± 5%	May. 28, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
1850.2	22.3	40.000	1.400	41.076	1.395	2.69%	-0.36%	± 5%	May. 29, 2023
1852.4	22.3	40.000	1.400	41.067	1.397	2.67%	-0.21%	± 5%	May. 29, 2023
1860	22.3	40.000	1.400	41.045	1.402	2.61%	0.14%	± 5%	May. 29, 2023
1870	22.3	40.000	1.400	41.016	1.411	2.54%	0.79%	± 5%	May. 29, 2023
1880	22.3	40.000	1.400	40.991	1.420	2.48%	1.43%	± 5%	May. 29, 2023
1882.5	22.3	40.000	1.400	40.989	1.422	2.47%	1.57%	± 5%	May. 29, 2023
1895	22.3	40.000	1.400	40.968	1.424	2.42%	1.71%	± 5%	May. 29, 2023
1900	22.3	40.000	1.400	40.962	1.429	2.41%	2.07%	± 5%	May. 29, 2023
1905	22.3	40.000	1.400	40.956	1.433	2.39%	2.36%	± 5%	May. 29, 2023
1907.6	22.3	40.000	1.400	40.940	1.435	2.35%	2.50%	± 5%	May. 29, 2023
1909.8	22.3	40.000	1.400	40.930	1.437	2.33%	2.64%	± 5%	May. 29, 2023
1850.2	22.2	40.000	1.400	41.186	1.391	2.97%	-0.64%	± 5%	May. 30, 2023
1852.4	22.2	40.000	1.400	41.177	1.393	2.94%	-0.50%	± 5%	May. 30, 2023
1860	22.2	40.000	1.400	41.155	1.398	2.89%	-0.14%	± 5%	May. 30, 2023
1870	22.2	40.000	1.400	41.126	1.407	2.82%	0.50%	± 5%	May. 30, 2023
1880	22.2	40.000	1.400	41.101	1.416	2.75%	1.14%	± 5%	May. 30, 2023
1882.5	22.2	40.000	1.400	41.099	1.418	2.75%	1.29%	± 5%	May. 30, 2023
1895	22.2	40.000	1.400	41.078	1.420	2.70%	1.43%	± 5%	May. 30, 2023
1900	22.2	40.000	1.400	41.072	1.425	2.68%	1.79%	± 5%	May. 30, 2023
1905	22.2	40.000	1.400	41.066	1.429	2.67%	2.07%	± 5%	May. 30, 2023
1907.6	22.2	40.000	1.400	41.050	1.431	2.63%	2.21%	± 5%	May. 30, 2023
1909.8	22.2	40.000	1.400	41.040	1.433	2.60%	2.36%	± 5%	May. 30, 2023
1850.2	22.1	40.000	1.400	41.266	1.389	3.17%	-0.79%	± 5%	May. 31, 2023
1852.4	22.1	40.000	1.400	41.257	1.391	3.14%	-0.64%	± 5%	May. 31, 2023
1860	22.1	40.000	1.400	41.235	1.396	3.09%	-0.29%	± 5%	May. 31, 2023
1870	22.1	40.000	1.400	41.206	1.405	3.02%	0.36%	± 5%	May. 31, 2023
1880	22.1	40.000	1.400	41.181	1.414	2.95%	1.00%	± 5%	May. 31, 2023
1882.5	22.1	40.000	1.400	41.179	1.416	2.95%	1.14%	± 5%	May. 31, 2023
1895	22.1	40.000	1.400	41.158	1.418	2.90%	1.29%	± 5%	May. 31, 2023
1900	22.1	40.000	1.400	41.152	1.423	2.88%	1.64%	± 5%	May. 31, 2023
1905	22.1	40.000	1.400	41.146	1.427	2.87%	1.93%	± 5%	May. 31, 2023
1907.6	22.1	40.000	1.400	41.130	1.429	2.83%	2.07%	± 5%	May. 31, 2023
1909.8	22.1	40.000	1.400	41.120	1.431	2.80%	2.21%	± 5%	May. 31, 2023
1850.2	21.8	40.000	1.400	41.396	1.386	3.49%	-1.00%	± 5%	Jun. 01, 2023
1852.4	21.8	40.000	1.400	41.387	1.388	3.47%	-0.86%	± 5%	Jun. 01, 2023
1860	21.8	40.000	1.400	41.365	1.393	3.41%	-0.50%	± 5%	Jun. 01, 2023
1870	21.8	40.000	1.400	41.336	1.402	3.34%	0.14%	± 5%	Jun. 01, 2023
1880	21.8	40.000	1.400	41.311	1.411	3.28%	0.79%	± 5%	Jun. 01, 2023
1882.5	21.8	40.000	1.400	41.309	1.413	3.27%	0.93%	± 5%	Jun. 01, 2023
1895	21.8	40.000	1.400	41.288	1.415	3.22%	1.07%	± 5%	Jun. 01, 2023
1900	21.8	40.000	1.400	41.282	1.420	3.21%	1.43%	± 5%	Jun. 01, 2023
1905	21.8	40.000	1.400	41.276	1.424	3.19%	1.71%	± 5%	Jun. 01, 2023
1907.6	21.8	40.000	1.400	41.260	1.426	3.15%	1.86%	± 5%	Jun. 01, 2023
1909.8	21.8	40.000	1.400	41.250	1.428	3.13%	2.00%	± 5%	Jun. 01, 2023
2300	21.6	39.457	1.667	39.546	1.677	0.23%	0.59%	± 5%	May. 26, 2023
2310	21.3	39.440	1.676	39.527	1.684	0.22%	0.48%	± 5%	May. 26, 2023
2300	21.3	39.457	1.667	39.956	1.686	1.26%	1.13%	± 5%	Jun. 03, 2023
2310	21.7	39.440	1.676	39.940	1.691	1.27%	0.89%	± 5%	Jun. 03, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
2506	21.6	39.125	1.860	40.306	1.866	3.02%	0.34%	± 5%	May. 27, 2023
2510	21.6	39.120	1.864	40.295	1.869	3.00%	0.27%	± 5%	May. 27, 2023
2520	21.6	39.107	1.875	40.284	1.879	3.01%	0.23%	± 5%	May. 27, 2023
2535	21.6	39.087	1.891	40.262	1.892	3.01%	0.07%	± 5%	May. 27, 2023
2546.01	21.6	39.072	1.902	40.249	1.901	3.01%	-0.07%	± 5%	May. 27, 2023
2549.5	21.6	39.067	1.906	40.235	1.904	2.99%	-0.11%	± 5%	May. 27, 2023
2550	21.6	39.067	1.907	40.232	1.905	2.98%	-0.09%	± 5%	May. 27, 2023
2560	21.6	39.053	1.917	40.188	1.913	2.91%	-0.23%	± 5%	May. 27, 2023
2580	21.6	39.027	1.939	40.126	1.929	2.82%	-0.50%	± 5%	May. 27, 2023
2590	21.6	39.013	1.949	40.112	1.938	2.82%	-0.58%	± 5%	May. 27, 2023
2592.99	21.6	39.009	1.953	40.104	1.939	2.81%	-0.69%	± 5%	May. 27, 2023
2593	21.6	39.009	1.953	40.103	1.940	2.80%	-0.64%	± 5%	May. 27, 2023
2595	21.6	39.007	1.955	40.102	1.942	2.81%	-0.65%	± 5%	May. 27, 2023
2600	21.6	39.000	1.960	40.092	1.946	2.80%	-0.71%	± 5%	May. 27, 2023
2610	21.6	38.988	1.971	40.077	1.954	2.79%	-0.86%	± 5%	May. 27, 2023
2636.5	21.6	38.954	2.000	40.022	1.975	2.74%	-1.26%	± 5%	May. 27, 2023
2640	21.6	38.950	2.004	40.012	1.978	2.73%	-1.30%	± 5%	May. 27, 2023
2680	21.6	38.900	2.048	39.953	2.018	2.71%	-1.46%	± 5%	May. 27, 2023
2506	22.0	39.125	1.860	38.946	1.913	-0.46%	2.86%	± 5%	May. 28, 2023
2510	22.0	39.120	1.864	38.935	1.916	-0.47%	2.79%	± 5%	May. 28, 2023
2520	22.0	39.107	1.875	38.924	1.926	-0.47%	2.74%	± 5%	May. 28, 2023
2535	22.0	39.087	1.891	38.902	1.939	-0.47%	2.56%	± 5%	May. 28, 2023
2546.01	22.0	39.072	1.902	38.889	1.948	-0.47%	2.40%	± 5%	May. 28, 2023
2549.5	22.0	39.067	1.906	38.875	1.951	-0.49%	2.35%	± 5%	May. 28, 2023
2550	22.0	39.067	1.907	38.872	1.952	-0.50%	2.38%	± 5%	May. 28, 2023
2560	22.0	39.053	1.917	38.828	1.960	-0.58%	2.23%	± 5%	May. 28, 2023
2580	22.0	39.027	1.939	38.766	1.976	-0.67%	1.93%	± 5%	May. 28, 2023
2590	22.0	39.013	1.949	38.752	1.985	-0.67%	1.83%	± 5%	May. 28, 2023
2592.99	22.0	39.009	1.953	38.744	1.986	-0.68%	1.71%	± 5%	May. 28, 2023
2593	22.0	39.009	1.953	38.743	1.987	-0.68%	1.77%	± 5%	May. 28, 2023
2595	22.0	39.007	1.955	38.742	1.989	-0.68%	1.76%	± 5%	May. 28, 2023
2600	22.0	39.000	1.960	38.732	1.993	-0.69%	1.68%	± 5%	May. 28, 2023
2610	22.0	38.988	1.971	38.717	2.001	-0.69%	1.52%	± 5%	May. 28, 2023
2636.5	22.0	38.954	2.000	38.662	2.022	-0.75%	1.09%	± 5%	May. 28, 2023
2640	22.0	38.950	2.004	38.652	2.025	-0.77%	1.05%	± 5%	May. 28, 2023
2680	22.0	38.900	2.048	38.593	2.065	-0.79%	0.83%	± 5%	May. 28, 2023
2506	22.2	39.125	1.860	39.156	1.919	0.08%	3.19%	± 5%	May. 29, 2023
2510	22.2	39.120	1.864	39.145	1.922	0.06%	3.11%	± 5%	May. 29, 2023
2520	22.2	39.107	1.875	39.134	1.932	0.07%	3.06%	± 5%	May. 29, 2023
2535	22.2	39.087	1.891	39.112	1.945	0.06%	2.87%	± 5%	May. 29, 2023
2546.01	22.2	39.072	1.902	39.099	1.954	0.07%	2.71%	± 5%	May. 29, 2023
2549.5	22.2	39.067	1.906	39.085	1.957	0.05%	2.67%	± 5%	May. 29, 2023
2550	22.2	39.067	1.907	39.082	1.958	0.04%	2.69%	± 5%	May. 29, 2023
2560	22.2	39.053	1.917	39.038	1.966	-0.04%	2.54%	± 5%	May. 29, 2023
2580	22.2	39.027	1.939	38.976	1.982	-0.13%	2.24%	± 5%	May. 29, 2023
2590	22.2	39.013	1.949	38.962	1.991	-0.13%	2.14%	± 5%	May. 29, 2023
2592.99	22.2	39.009	1.953	38.954	1.992	-0.14%	2.02%	± 5%	May. 29, 2023
2593	22.2	39.009	1.953	38.953	1.993	-0.14%	2.07%	± 5%	May. 29, 2023
2595	22.2	39.007	1.955	38.952	1.995	-0.14%	2.06%	± 5%	May. 29, 2023
2600	22.2	39.000	1.960	38.942	1.999	-0.15%	1.99%	± 5%	May. 29, 2023
2610	22.2	38.988	1.971	38.927	2.007	-0.16%	1.83%	± 5%	May. 29, 2023
2636.5	22.2	38.954	2.000	38.872	2.028	-0.21%	1.39%	± 5%	May. 29, 2023
2640	22.2	38.950	2.004	38.862	2.031	-0.23%	1.35%	± 5%	May. 29, 2023
2680	22.2	38.900	2.048	38.803	2.071	-0.25%	1.12%	± 5%	May. 29, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
2506	21.9	39.125	1.860	39.536	1.904	1.05%	2.38%	± 5%	May. 30, 2023
2510	21.9	39.120	1.864	39.525	1.907	1.04%	2.31%	± 5%	May. 30, 2023
2520	21.9	39.107	1.875	39.514	1.917	1.04%	2.26%	± 5%	May. 30, 2023
2535	21.9	39.087	1.891	39.492	1.930	1.04%	2.08%	± 5%	May. 30, 2023
2546.01	21.9	39.072	1.902	39.479	1.939	1.04%	1.92%	± 5%	May. 30, 2023
2549.5	21.9	39.067	1.906	39.465	1.942	1.02%	1.88%	± 5%	May. 30, 2023
2550	21.9	39.067	1.907	39.462	1.943	1.01%	1.91%	± 5%	May. 30, 2023
2560	21.9	39.053	1.917	39.418	1.951	0.93%	1.76%	± 5%	May. 30, 2023
2580	21.9	39.027	1.939	39.356	1.967	0.84%	1.46%	± 5%	May. 30, 2023
2590	21.9	39.013	1.949	39.342	1.976	0.84%	1.37%	± 5%	May. 30, 2023
2592.99	21.9	39.009	1.953	39.334	1.977	0.83%	1.25%	± 5%	May. 30, 2023
2593	21.9	39.009	1.953	39.333	1.978	0.83%	1.30%	± 5%	May. 30, 2023
2595	21.9	39.007	1.955	39.332	1.980	0.83%	1.30%	± 5%	May. 30, 2023
2600	21.9	39.000	1.960	39.322	1.984	0.83%	1.22%	± 5%	May. 30, 2023
2610	21.9	38.988	1.971	39.307	1.992	0.82%	1.07%	± 5%	May. 30, 2023
2636.5	21.9	38.954	2.000	39.252	2.013	0.76%	0.64%	± 5%	May. 30, 2023
2640	21.9	38.950	2.004	39.242	2.016	0.75%	0.60%	± 5%	May. 30, 2023
2680	21.9	38.900	2.048	39.183	2.056	0.73%	0.39%	± 5%	May. 30, 2023
2506	22.4	39.125	1.860	39.506	1.897	0.97%	2.00%	± 5%	Jun. 04, 2023
2510	22.4	39.120	1.864	39.495	1.900	0.96%	1.93%	± 5%	Jun. 04, 2023
2520	22.4	39.107	1.875	39.484	1.910	0.96%	1.88%	± 5%	Jun. 04, 2023
2535	22.4	39.087	1.891	39.462	1.923	0.96%	1.71%	± 5%	Jun. 04, 2023
2546.01	22.4	39.072	1.902	39.449	1.932	0.96%	1.56%	± 5%	Jun. 04, 2023
2549.5	22.4	39.067	1.906	39.435	1.935	0.94%	1.51%	± 5%	Jun. 04, 2023
2550	22.4	39.067	1.907	39.432	1.936	0.94%	1.54%	± 5%	Jun. 04, 2023
2560	22.4	39.053	1.917	39.388	1.944	0.86%	1.39%	± 5%	Jun. 04, 2023
2580	22.4	39.027	1.939	39.326	1.960	0.77%	1.10%	± 5%	Jun. 04, 2023
2590	22.4	39.013	1.949	39.312	1.969	0.77%	1.01%	± 5%	Jun. 04, 2023
2592.99	22.4	39.009	1.953	39.304	1.970	0.76%	0.90%	± 5%	Jun. 04, 2023
2593	22.4	39.009	1.953	39.303	1.971	0.75%	0.95%	± 5%	Jun. 04, 2023
2595	22.4	39.007	1.955	39.302	1.973	0.76%	0.94%	± 5%	Jun. 04, 2023
2600	22.4	39.000	1.960	39.292	1.977	0.75%	0.87%	± 5%	Jun. 04, 2023
2610	22.4	38.988	1.971	39.277	1.985	0.74%	0.71%	± 5%	Jun. 04, 2023
2636.5	22.4	38.954	2.000	39.222	2.006	0.69%	0.29%	± 5%	Jun. 04, 2023
2640	22.4	38.950	2.004	39.212	2.009	0.67%	0.25%	± 5%	Jun. 04, 2023
2680	22.4	38.900	2.048	39.153	2.049	0.65%	0.05%	± 5%	Jun. 04, 2023
2506	21.9	39.125	1.860	39.636	1.895	1.31%	1.90%	± 5%	Jun. 05, 2023
2510	21.9	39.120	1.864	39.625	1.898	1.29%	1.82%	± 5%	Jun. 05, 2023
2520	21.9	39.107	1.875	39.614	1.908	1.30%	1.78%	± 5%	Jun. 05, 2023
2535	21.9	39.087	1.891	39.592	1.921	1.29%	1.60%	± 5%	Jun. 05, 2023
2546.01	21.9	39.072	1.902	39.579	1.930	1.30%	1.45%	± 5%	Jun. 05, 2023
2549.5	21.9	39.067	1.906	39.565	1.933	1.27%	1.41%	± 5%	Jun. 05, 2023
2550	21.9	39.067	1.907	39.562	1.934	1.27%	1.43%	± 5%	Jun. 05, 2023
2560	21.9	39.053	1.917	39.518	1.942	1.19%	1.29%	± 5%	Jun. 05, 2023
2580	21.9	39.027	1.939	39.456	1.958	1.10%	1.00%	± 5%	Jun. 05, 2023
2590	21.9	39.013	1.949	39.442	1.967	1.10%	0.91%	± 5%	Jun. 05, 2023
2592.99	21.9	39.009	1.953	39.434	1.968	1.09%	0.79%	± 5%	Jun. 05, 2023
2593	21.9	39.009	1.953	39.433	1.969	1.09%	0.84%	± 5%	Jun. 05, 2023
2595	21.9	39.007	1.955	39.432	1.971	1.09%	0.84%	± 5%	Jun. 05, 2023
2600	21.9	39.000	1.960	39.422	1.975	1.08%	0.77%	± 5%	Jun. 05, 2023
2610	21.9	38.988	1.971	39.407	1.983	1.08%	0.61%	± 5%	Jun. 05, 2023
2636.5	21.9	38.954	2.000	39.352	2.004	1.02%	0.19%	± 5%	Jun. 05, 2023
2640	21.9	38.950	2.004	39.342	2.007	1.01%	0.15%	± 5%	Jun. 05, 2023
2680	21.9	38.900	2.048	39.283	2.047	0.98%	-0.05%	± 5%	Jun. 05, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
2506	21.8	39.125	1.860	39.796	1.890	1.71%	1.63%	± 5%	Jun. 06, 2023
2510	21.8	39.120	1.864	39.785	1.893	1.70%	1.56%	± 5%	Jun. 06, 2023
2520	21.8	39.107	1.875	39.774	1.903	1.71%	1.51%	± 5%	Jun. 06, 2023
2535	21.8	39.087	1.891	39.752	1.916	1.70%	1.34%	± 5%	Jun. 06, 2023
2546.01	21.8	39.072	1.902	39.739	1.925	1.71%	1.19%	± 5%	Jun. 06, 2023
2549.5	21.8	39.067	1.906	39.725	1.928	1.68%	1.15%	± 5%	Jun. 06, 2023
2550	21.8	39.067	1.907	39.722	1.929	1.68%	1.17%	± 5%	Jun. 06, 2023
2560	21.8	39.053	1.917	39.678	1.937	1.60%	1.03%	± 5%	Jun. 06, 2023
2580	21.8	39.027	1.939	39.616	1.953	1.51%	0.74%	± 5%	Jun. 06, 2023
2590	21.8	39.013	1.949	39.602	1.962	1.51%	0.65%	± 5%	Jun. 06, 2023
2592.99	21.8	39.009	1.953	39.594	1.963	1.50%	0.54%	± 5%	Jun. 06, 2023
2593	21.8	39.009	1.953	39.593	1.964	1.50%	0.59%	± 5%	Jun. 06, 2023
2595	21.8	39.007	1.955	39.592	1.966	1.50%	0.58%	± 5%	Jun. 06, 2023
2600	21.8	39.000	1.960	39.582	1.970	1.49%	0.51%	± 5%	Jun. 06, 2023
2610	21.8	38.988	1.971	39.567	1.978	1.49%	0.36%	± 5%	Jun. 06, 2023
2636.5	21.8	38.954	2.000	39.512	1.999	1.43%	-0.06%	± 5%	Jun. 06, 2023
2640	21.8	38.950	2.004	39.502	2.002	1.42%	-0.10%	± 5%	Jun. 06, 2023
2680	21.8	38.900	2.048	39.443	2.042	1.40%	-0.29%	± 5%	Jun. 06, 2023
2506	22.2	39.125	1.860	39.805	1.888	1.74%	1.52%	± 5%	Jun. 07, 2023
2510	22.2	39.120	1.864	39.794	1.891	1.72%	1.45%	± 5%	Jun. 07, 2023
2520	22.2	39.107	1.875	39.783	1.901	1.73%	1.40%	± 5%	Jun. 07, 2023
2535	22.2	39.087	1.891	39.761	1.914	1.73%	1.23%	± 5%	Jun. 07, 2023
2546.01	22.2	39.072	1.902	39.748	1.923	1.73%	1.08%	± 5%	Jun. 07, 2023
2549.5	22.2	39.067	1.906	39.734	1.926	1.71%	1.04%	± 5%	Jun. 07, 2023
2550	22.2	39.067	1.907	39.731	1.927	1.70%	1.07%	± 5%	Jun. 07, 2023
2560	22.2	39.053	1.917	39.687	1.935	1.62%	0.92%	± 5%	Jun. 07, 2023
2580	22.2	39.027	1.939	39.625	1.951	1.53%	0.64%	± 5%	Jun. 07, 2023
2590	22.2	39.013	1.949	39.611	1.960	1.53%	0.55%	± 5%	Jun. 07, 2023
2592.99	22.2	39.009	1.953	39.603	1.961	1.52%	0.43%	± 5%	Jun. 07, 2023
2593	22.2	39.009	1.953	39.602	1.962	1.52%	0.48%	± 5%	Jun. 07, 2023
2595	22.2	39.007	1.955	39.601	1.964	1.52%	0.48%	± 5%	Jun. 07, 2023
2600	22.2	39.000	1.960	39.591	1.968	1.52%	0.41%	± 5%	Jun. 07, 2023
2610	22.2	38.988	1.971	39.576	1.976	1.51%	0.25%	± 5%	Jun. 07, 2023
2636.5	22.2	38.954	2.000	39.521	1.997	1.45%	-0.16%	± 5%	Jun. 07, 2023
2640	22.2	38.950	2.004	39.511	2.000	1.44%	-0.20%	± 5%	Jun. 07, 2023
2680	22.2	38.900	2.048	39.452	2.040	1.42%	-0.39%	± 5%	Jun. 07, 2023
2506	22.1	39.125	1.860	39.975	1.882	2.17%	1.20%	± 5%	Jun. 08, 2023
2510	22.1	39.120	1.864	39.964	1.885	2.16%	1.13%	± 5%	Jun. 08, 2023
2520	22.1	39.107	1.875	39.953	1.895	2.16%	1.08%	± 5%	Jun. 08, 2023
2535	22.1	39.087	1.891	39.931	1.908	2.16%	0.92%	± 5%	Jun. 08, 2023
2546.01	22.1	39.072	1.902	39.918	1.917	2.17%	0.77%	± 5%	Jun. 08, 2023
2549.5	22.1	39.067	1.906	39.904	1.920	2.14%	0.73%	± 5%	Jun. 08, 2023
2550	22.1	39.067	1.907	39.901	1.921	2.14%	0.75%	± 5%	Jun. 08, 2023
2560	22.1	39.053	1.917	39.857	1.929	2.06%	0.61%	± 5%	Jun. 08, 2023
2580	22.1	39.027	1.939	39.795	1.945	1.97%	0.33%	± 5%	Jun. 08, 2023
2590	22.1	39.013	1.949	39.781	1.954	1.97%	0.24%	± 5%	Jun. 08, 2023
2592.99	22.1	39.009	1.953	39.773	1.955	1.96%	0.13%	± 5%	Jun. 08, 2023
2593	22.1	39.009	1.953	39.772	1.956	1.96%	0.18%	± 5%	Jun. 08, 2023
2595	22.1	39.007	1.955	39.771	1.958	1.96%	0.17%	± 5%	Jun. 08, 2023
2600	22.1	39.000	1.960	39.761	1.962	1.95%	0.10%	± 5%	Jun. 08, 2023
2610	22.1	38.988	1.971	39.746	1.970	1.95%	-0.05%	± 5%	Jun. 08, 2023
2636.5	22.1	38.954	2.000	39.691	1.991	1.89%	-0.46%	± 5%	Jun. 08, 2023
2640	22.1	38.950	2.004	39.681	1.994	1.88%	-0.50%	± 5%	Jun. 08, 2023
2680	22.1	38.900	2.048	39.622	2.034	1.86%	-0.68%	± 5%	Jun. 08, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
2506	21.9	39.125	1.860	40.125	1.878	2.56%	0.98%	± 5%	Jun. 09, 2023
2510	21.9	39.120	1.864	40.114	1.881	2.54%	0.91%	± 5%	Jun. 09, 2023
2520	21.9	39.107	1.875	40.103	1.891	2.55%	0.87%	± 5%	Jun. 09, 2023
2535	21.9	39.087	1.891	40.081	1.904	2.54%	0.71%	± 5%	Jun. 09, 2023
2546.01	21.9	39.072	1.902	40.068	1.913	2.55%	0.56%	± 5%	Jun. 09, 2023
2549.5	21.9	39.067	1.906	40.054	1.916	2.53%	0.52%	± 5%	Jun. 09, 2023
2550	21.9	39.067	1.907	40.051	1.917	2.52%	0.54%	± 5%	Jun. 09, 2023
2560	21.9	39.053	1.917	40.007	1.925	2.44%	0.40%	± 5%	Jun. 09, 2023
2580	21.9	39.027	1.939	39.945	1.941	2.35%	0.12%	± 5%	Jun. 09, 2023
2590	21.9	39.013	1.949	39.931	1.950	2.35%	0.03%	± 5%	Jun. 09, 2023
2592.99	21.9	39.009	1.953	39.923	1.951	2.34%	-0.08%	± 5%	Jun. 09, 2023
2593	21.9	39.009	1.953	39.922	1.952	2.34%	-0.03%	± 5%	Jun. 09, 2023
2595	21.9	39.007	1.955	39.921	1.954	2.34%	-0.03%	± 5%	Jun. 09, 2023
2600	21.9	39.000	1.960	39.911	1.958	2.34%	-0.10%	± 5%	Jun. 09, 2023
2610	21.9	38.988	1.971	39.896	1.966	2.33%	-0.25%	± 5%	Jun. 09, 2023
2636.5	21.9	38.954	2.000	39.841	1.987	2.28%	-0.66%	± 5%	Jun. 09, 2023
2640	21.9	38.950	2.004	39.831	1.990	2.26%	-0.70%	± 5%	Jun. 09, 2023
2680	21.9	38.900	2.048	39.772	2.030	2.24%	-0.88%	± 5%	Jun. 09, 2023
3410	21.5	38.008	2.818	38.476	2.805	1.23%	-0.47%	± 5%	May. 31, 2023
3500	21.5	37.900	2.910	38.335	2.890	1.15%	-0.69%	± 5%	May. 31, 2023
3500.01	21.5	37.900	2.910	38.335	2.892	1.15%	-0.62%	± 5%	May. 31, 2023
3590	21.5	37.810	3.004	38.218	2.974	1.08%	-0.99%	± 5%	May. 31, 2023
3410	21.7	38.008	2.818	39.116	2.836	2.92%	0.63%	± 5%	Jun. 01, 2023
3500	21.7	37.900	2.910	38.975	2.921	2.84%	0.38%	± 5%	Jun. 01, 2023
3500.01	21.7	37.900	2.910	38.975	2.922	2.84%	0.41%	± 5%	Jun. 01, 2023
3590	21.7	37.810	3.004	38.858	3.005	2.77%	0.05%	± 5%	Jun. 01, 2023
3410	22.0	38.008	2.818	39.276	2.842	3.34%	0.84%	± 5%	Jun. 02, 2023
3500	22.0	37.900	2.910	39.135	2.927	3.26%	0.58%	± 5%	Jun. 02, 2023
3500.01	22.0	37.900	2.910	39.135	2.928	3.26%	0.62%	± 5%	Jun. 02, 2023
3590	22.0	37.810	3.004	39.018	3.011	3.19%	0.25%	± 5%	Jun. 02, 2023
3410	21.8	38.008	2.818	38.996	2.822	2.60%	0.13%	± 5%	Jun. 03, 2023
3500	21.8	37.900	2.910	38.855	2.907	2.52%	-0.10%	± 5%	Jun. 03, 2023
3500.01	21.8	37.900	2.910	38.855	2.908	2.52%	-0.07%	± 5%	Jun. 03, 2023
3590	21.8	37.810	3.004	38.738	2.991	2.45%	-0.42%	± 5%	Jun. 03, 2023
3410	21.8	38.008	2.818	39.076	2.829	2.81%	0.38%	± 5%	Jun. 10, 2023
3500	21.8	37.900	2.910	38.935	2.913	2.73%	0.10%	± 5%	Jun. 10, 2023
3500.01	21.8	37.900	2.910	38.935	2.914	2.73%	0.14%	± 5%	Jun. 10, 2023
3590	21.8	37.810	3.004	38.818	2.998	2.67%	-0.19%	± 5%	Jun. 10, 2023
3410	21.6	38.008	2.818	39.186	2.835	3.10%	0.60%	± 5%	Jun. 11, 2023
3500	21.6	37.900	2.910	39.045	2.920	3.02%	0.34%	± 5%	Jun. 11, 2023
3500.01	21.6	37.900	2.910	39.045	2.921	3.02%	0.38%	± 5%	Jun. 11, 2023
3590	21.6	37.810	3.004	38.928	3.004	2.96%	0.01%	± 5%	Jun. 11, 2023
3410	21.7	38.008	2.818	39.326	2.842	3.47%	0.84%	± 5%	Jun. 12, 2023
3500	21.7	37.900	2.910	39.185	2.927	3.39%	0.58%	± 5%	Jun. 12, 2023
3500.01	21.7	37.900	2.910	39.185	2.928	3.39%	0.62%	± 5%	Jun. 12, 2023
3590	21.7	37.810	3.004	39.068	3.011	3.33%	0.25%	± 5%	Jun. 12, 2023
3410	21.5	38.008	2.818	39.406	2.845	3.68%	0.95%	± 5%	Jun. 13, 2023
3500	21.5	37.900	2.910	39.265	3.012	3.60%	3.51%	± 5%	Jun. 13, 2023
3500.01	21.5	37.900	2.910	39.265	3.014	3.60%	3.57%	± 5%	Jun. 13, 2023
3590	21.5	37.810	3.004	39.148	3.112	3.54%	3.61%	± 5%	Jun. 13, 2023
3410	22.5	38.008	2.818	39.536	2.850	4.02%	1.13%	± 5%	Jul. 01, 2023
3500	22.5	37.900	2.910	39.395	2.935	3.94%	0.86%	± 5%	Jul. 01, 2023
3500.01	22.5	37.900	2.910	39.395	2.936	3.94%	0.89%	± 5%	Jul. 01, 2023
3590	22.5	37.810	3.004	39.278	3.019	3.88%	0.51%	± 5%	Jul. 01, 2023
3410	22.1	38.008	2.818	39.676	2.856	4.39%	1.34%	± 5%	Jul. 02, 2023
3500	22.1	37.900	2.910	39.535	2.940	4.31%	1.03%	± 5%	Jul. 02, 2023
3500.01	22.1	37.900	2.910	39.535	2.941	4.31%	1.06%	± 5%	Jul. 02, 2023
3590	22.1	37.810	3.004	39.418	3.025	4.25%	0.71%	± 5%	Jul. 02, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
3700	21.4	37.700	3.118	38.910	3.073	3.21%	-1.44%	± 5%	Jun. 04, 2023
3750	21.4	37.650	3.170	38.851	3.131	3.19%	-1.23%	± 5%	Jun. 04, 2023
3786	21.4	37.614	3.207	38.777	3.171	3.09%	-1.14%	± 5%	Jun. 04, 2023
3700	21.5	37.700	3.118	39.110	3.085	3.74%	-1.06%	± 5%	Jun. 05, 2023
3750	21.5	37.650	3.170	39.051	3.143	3.72%	-0.85%	± 5%	Jun. 05, 2023
3786	21.5	37.614	3.207	38.977	3.183	3.62%	-0.76%	± 5%	Jun. 05, 2023
3700	21.7	37.700	3.118	39.080	3.126	3.66%	0.26%	± 5%	Jun. 06, 2023
3750	21.7	37.650	3.170	39.021	3.184	3.64%	0.44%	± 5%	Jun. 06, 2023
3786	21.7	37.614	3.207	38.947	3.234	3.54%	0.83%	± 5%	Jun. 06, 2023
3700	21.3	37.700	3.118	38.880	3.094	3.13%	-0.77%	± 5%	Jun. 07, 2023
3750	21.3	37.650	3.170	38.821	3.152	3.11%	-0.57%	± 5%	Jun. 07, 2023
3786	21.3	37.614	3.207	38.747	3.192	3.01%	-0.48%	± 5%	Jun. 07, 2023
3700	22.1	37.700	3.118	38.390	3.148	1.83%	0.96%	± 5%	Jul. 03, 2023
3750	22.1	37.650	3.170	38.331	3.206	1.81%	1.14%	± 5%	Jul. 03, 2023
3786	22.1	37.614	3.207	38.257	3.246	1.71%	1.20%	± 5%	Jul. 03, 2023
3700	21.9	37.700	3.118	38.260	3.157	1.49%	1.25%	± 5%	Jul. 04, 2023
3750	21.9	37.650	3.170	38.201	3.215	1.46%	1.42%	± 5%	Jul. 04, 2023
3786	21.9	37.614	3.207	38.127	3.255	1.36%	1.48%	± 5%	Jul. 04, 2023
3700	21.7	37.700	3.118	38.100	3.170	1.06%	1.67%	± 5%	Jul. 05, 2023
3750	21.7	37.650	3.170	38.041	3.218	1.04%	1.51%	± 5%	Jul. 05, 2023
3786	21.7	37.614	3.207	37.967	3.258	0.94%	1.58%	± 5%	Jul. 05, 2023
3700	22.1	37.700	3.118	37.990	3.234	0.77%	3.72%	± 5%	Jul. 06, 2023
3750	22.1	37.650	3.170	37.931	3.222	0.75%	1.64%	± 5%	Jul. 06, 2023
3786	22.1	37.614	3.207	37.857	3.262	0.65%	1.70%	± 5%	Jul. 06, 2023
3700	21.7	37.700	3.118	37.840	3.181	0.37%	2.02%	± 5%	Jul. 07, 2023
3750	21.7	37.650	3.170	37.781	3.277	0.35%	3.38%	± 5%	Jul. 07, 2023
3786	21.7	37.614	3.207	37.707	3.308	0.25%	3.14%	± 5%	Jul. 07, 2023
3700	22.3	37.700	3.118	37.660	3.087	-0.11%	-0.99%	± 5%	Jul. 08, 2023
3750	22.3	37.650	3.170	37.601	3.129	-0.13%	-1.29%	± 5%	Jul. 08, 2023
3786	22.3	37.614	3.207	37.527	3.168	-0.23%	-1.23%	± 5%	Jul. 08, 2023
3822	21.5	37.578	3.245	38.301	3.325	1.92%	2.47%	± 5%	Jun. 07, 2023
3858	21.5	37.542	3.282	38.179	3.360	1.70%	2.37%	± 5%	Jun. 07, 2023
3894	21.5	37.506	3.320	38.137	3.393	1.68%	2.21%	± 5%	Jun. 07, 2023
3900	21.5	37.500	3.326	38.102	3.398	1.61%	2.16%	± 5%	Jun. 07, 2023
3930	21.5	37.470	3.357	38.025	3.426	1.48%	2.05%	± 5%	Jun. 07, 2023
3822	22.1	37.578	3.245	38.529	3.374	2.53%	3.98%	± 5%	Jul. 09, 2023
3858	22.1	37.542	3.282	38.403	3.408	2.29%	3.83%	± 5%	Jul. 09, 2023
3894	22.1	37.506	3.320	38.349	3.440	2.25%	3.62%	± 5%	Jul. 09, 2023
3900	22.1	37.500	3.326	38.326	3.447	2.20%	3.64%	± 5%	Jul. 09, 2023
3930	22.1	37.470	3.357	38.241	3.479	2.06%	3.63%	± 5%	Jul. 09, 2023

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Measured Frequency (MHz)	Liquid Temp. (°C)	Target Dielectric Constant, $\epsilon_r$	Target Conductivity, $\sigma$ (S/m)	Measured Dielectric Constant, $\epsilon_r$	Measured Conductivity, $\sigma$ (S/m)	% dev $\epsilon_r$	% dev $\sigma$	Limit	Measurement Date
2402	22.2	39.282	1.757	39.822	1.781	1.37%	1.34%	± 5%	Jun. 08, 2023
2412	22.2	39.265	1.766	39.770	1.792	1.29%	1.45%	± 5%	Jun. 08, 2023
2437	22.2	39.222	1.788	39.686	1.820	1.18%	1.76%	± 5%	Jun. 08, 2023
2441	22.2	39.215	1.792	39.672	1.824	1.16%	1.78%	± 5%	Jun. 08, 2023
2450	22.2	39.200	1.800	39.648	1.834	1.14%	1.89%	± 5%	Jun. 08, 2023
2462	22.2	39.184	1.813	39.597	1.849	1.05%	2.00%	± 5%	Jun. 08, 2023
2480	22.2	39.160	1.832	39.525	1.871	0.93%	2.13%	± 5%	Jun. 08, 2023
5230	21.8	35.970	4.690	36.019	4.710	0.14%	0.43%	± 5%	Jun. 09, 2023
5250	21.8	35.950	4.710	35.969	4.739	0.05%	0.62%	± 5%	Jun. 09, 2023
5270	21.8	35.930	4.730	35.941	4.771	0.03%	0.87%	± 5%	Jun. 09, 2023
5310	21.8	35.890	4.770	35.784	4.816	-0.30%	0.96%	± 5%	Jun. 09, 2023
5600	21.7	35.500	5.070	35.136	5.161	-1.03%	1.79%	± 5%	Jun. 10, 2023
5610	21.7	35.490	5.080	35.107	5.174	-1.08%	1.85%	± 5%	Jun. 10, 2023
5690	21.7	35.410	5.160	34.954	5.268	-1.29%	2.09%	± 5%	Jun. 10, 2023
5745	22.0	35.355	5.215	34.853	5.329	-1.42%	2.19%	± 5%	Jun. 11, 2023
5750	22.0	35.350	5.220	34.834	5.334	-1.46%	2.18%	± 5%	Jun. 11, 2023
5755	22.0	35.350	5.220	34.830	5.340	-1.47%	2.30%	± 5%	Jun. 11, 2023
5775	22.0	35.345	5.225	34.808	5.371	-1.52%	2.79%	± 5%	Jun. 11, 2023
5785	22.0	35.315	5.255	34.792	5.381	-1.48%	2.40%	± 5%	Jun. 11, 2023
6105	21.6	34.974	5.604	34.407	5.746	-1.62%	2.54%	± 5%	Jun. 12, 2023
6265	21.6	34.782	5.793	34.173	5.943	-1.75%	2.59%	± 5%	Jun. 12, 2023
6425	21.6	34.590	5.982	33.937	6.140	-1.89%	2.65%	± 5%	Jun. 12, 2023
6500	21.6	34.500	6.070	33.830	6.232	-1.94%	2.67%	± 5%	Jun. 12, 2023
6505	21.6	34.494	6.076	33.822	6.238	-1.95%	2.67%	± 5%	Jun. 12, 2023
6585	21.6	34.398	6.169	33.707	6.335	-2.01%	2.70%	± 5%	Jun. 12, 2023
6745	21.6	34.206	6.354	33.470	6.529	-2.15%	2.75%	± 5%	Jun. 12, 2023
6905	21.4	34.014	6.540	33.236	6.723	-2.29%	2.80%	± 5%	Jun. 13, 2023
7000	21.4	33.900	6.650	33.098	6.838	-2.37%	2.83%	± 5%	Jun. 13, 2023

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### 3.4 The composition of the tissue simulating liquid:

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

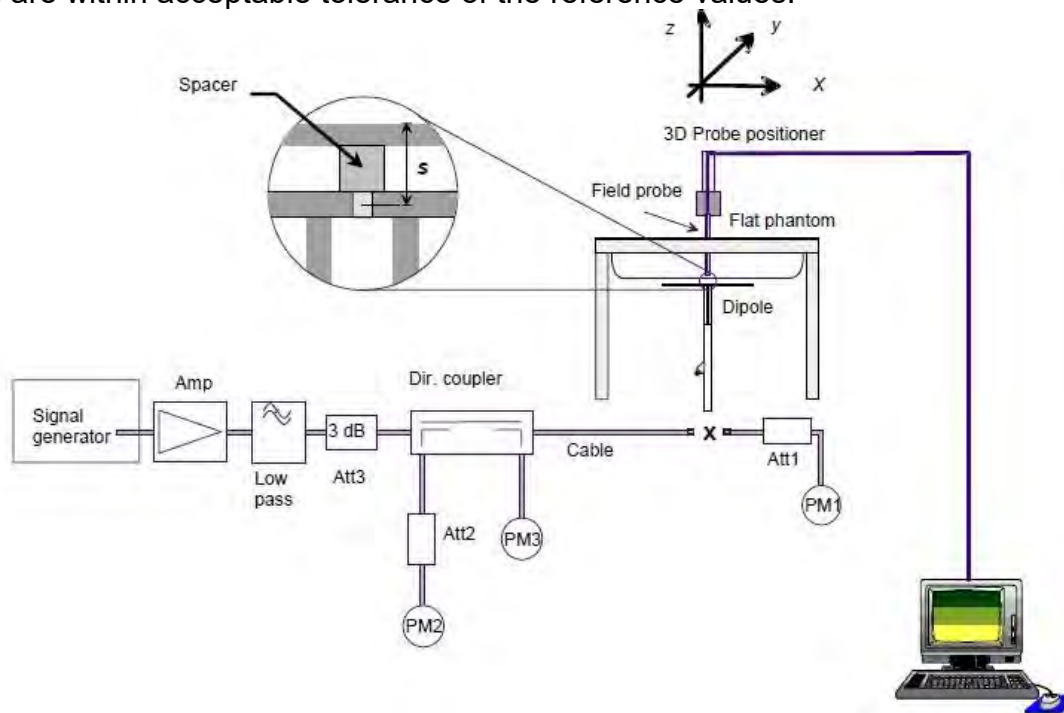
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

### 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	8.56	2.07	8.28	-3.27	± 10%	May.16,2023
D750V3	1015	750	8.56	2.04	8.16	-4.67	± 10%	May.17,2023
D750V3	1015	750	8.56	2.1	8.4	-1.87	± 10%	May.16,2023
D750V3	1015	750	8.56	2.08	8.32	-2.80	± 10%	May.17,2023
D750V3	1015	750	8.56	2.18	8.72	1.87	± 10%	May.18,2023
D750V3	1015	750	8.56	2.21	8.84	3.27	± 10%	May.19,2023
D835V2	4d063	835	9.82	2.49	9.96	1.43	± 10%	May.18,2023
D835V2	4d063	835	9.82	2.48	9.92	1.02	± 10%	May.19,2023
D835V2	4d063	835	9.82	2.41	9.64	-1.83	± 10%	May.20,2023
D835V2	4d063	835	9.82	2.46	9.84	0.20	± 10%	May.21,2023
D835V2	4d063	835	9.82	2.43	9.72	-1.02	± 10%	May.22,2023
D1750V2	1008	1750	36.4	9.37	37.48	2.97	± 10%	May.20,2023
D1750V2	1008	1750	36.4	9.42	37.68	3.52	± 10%	May.21,2023
D1750V2	1008	1750	36.4	9.45	37.8	3.85	± 10%	May.22,2023
D1750V2	1008	1750	36.4	9.43	37.72	3.63	± 10%	May.23,2023
D1750V2	1008	1750	36.4	9.37	37.48	2.97	± 10%	May.24,2023
D1750V2	1008	1750	36.4	9.42	37.68	3.52	± 10%	May.25,2023
D1750V2	1008	1750	36.4	9.3	37.2	2.20	± 10%	May.26,2023
D1750V2	1008	1750	36.4	9.41	37.64	3.41	± 10%	May.27,2023
D1900V2	5d173	1900	40.3	9.71	38.84	-3.62	± 10%	May.23,2023
D1900V2	5d173	1900	40.3	9.76	39.04	-3.13	± 10%	May.24,2023
D1900V2	5d173	1900	40.3	9.73	38.92	-3.42	± 10%	May.25,2023
D1900V2	5d173	1900	40.3	9.85	39.4	-2.23	± 10%	May.28,2023
D1900V2	5d173	1900	40.3	9.78	39.12	-2.93	± 10%	May.29,2023
D1900V2	5d173	1900	40.3	9.69	38.76	-3.82	± 10%	May.30,2023
D1900V2	5d173	1900	40.3	9.7	38.8	-3.72	± 10%	May.31,2023
D1900V2	5d173	1900	40.3	9.73	38.92	-3.42	± 10%	Jun.01,2023
D2300V2	1023	2300	48.5	11.6	46.4	-4.33	± 10%	May.26,2023
D2300V2	1023	2300	48.5	11.7	46.8	-3.51	± 10%	Jun.03,2023
D2600V2	1005	2600	55.4	14.3	57.2	3.25	± 10%	May.27,2023
D2600V2	1005	2600	55.4	14.1	56.4	1.81	± 10%	May.28,2023
D2600V2	1005	2600	55.4	14.1	56.4	1.81	± 10%	May.29,2023
D2600V2	1005	2600	55.4	14.1	56.4	1.81	± 10%	May.30,2023
D2600V2	1005	2600	55.4	14.4	57.6	3.97	± 10%	Jun.04,2023
D2600V2	1005	2600	55.4	14.3	57.2	3.25	± 10%	Jun.05,2023
D2600V2	1005	2600	55.4	14.2	56.8	2.53	± 10%	Jun.06,2023
D2600V2	1005	2600	55.4	14.2	56.8	2.53	± 10%	Jun.07,2023
D2600V2	1005	2600	55.4	14.3	57.2	3.25	± 10%	Jun.08,2023
D2600V2	1005	2600	55.4	14.1	56.4	1.81	± 10%	Jun.09,2023
D2450V2	727	2450	53.1	13.5	54	1.69	± 10%	Jun.08,2023

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Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D3500V2	1009	3500	65.2	6.58	65.8	0.92	± 10%	May.31,2023
D3500V2	1009	3500	65.2	6.61	66.1	1.38	± 10%	Jun.01,2023
D3500V2	1009	3500	65.2	6.65	66.5	1.99	± 10%	Jun.02,2023
D3500V2	1009	3500	65.2	6.6	66	1.23	± 10%	Jun.03,2023
D3500V2	1009	3500	65.2	6.6	66	1.23	± 10%	Jun.10,2023
D3500V2	1009	3500	65.2	6.64	66.4	1.84	± 10%	Jun.11,2023
D3500V2	1009	3500	65.2	6.52	65.2	0.00	± 10%	Jun.12,2023
D3500V2	1009	3500	65.2	6.53	65.3	0.15	± 10%	Jun.13,2023
D3500V2	1009	3500	65.2	6.62	66.2	1.53	± 10%	Jul.01,2023
D3500V2	1009	3500	65.2	6.64	66.4	1.84	± 10%	Jul.02,2023
D3700V2	1057	3700	66.6	6.67	66.7	0.15	± 10%	Jun.04,2023
D3700V2	1057	3700	66.6	6.68	66.8	0.30	± 10%	Jun.05,2023
D3700V2	1057	3700	66.6	6.69	66.9	0.45	± 10%	Jun.06,2023
D3700V2	1057	3700	66.6	6.65	66.5	-0.15	± 10%	Jun.07,2023
D3700V2	1057	3700	66.6	6.68	66.8	0.30	± 10%	Jul.03,2023
D3700V2	1057	3700	66.6	6.69	66.9	0.45	± 10%	Jul.04,2023
D3700V2	1057	3700	66.6	6.63	66.3	-0.45	± 10%	Jul.05,2023
D3700V2	1057	3700	66.6	6.64	66.4	-0.30	± 10%	Jul.06,2023
D3700V2	1057	3700	66.6	6.47	64.7	-2.85	± 10%	Jul.07,2023
D3700V2	1057	3700	66.6	6.49	64.9	-2.55	± 10%	Jul.08,2023
D3900V2	1032	3900	69.5	6.97	69.7	0.29	± 10%	Jun.07,2023
D3900V2	1032	3900	69.5	7.05	70.5	1.44	± 10%	Jul.09,2023
D5GHzV2	1349	5250	80.4	8.04	80.4	0.00	± 10%	Jun.09,2023
D5GHzV2	1349	5600	83.1	8.3	83	-0.12	± 10%	Jun.10,2023
D5GHzV2	1349	5750	81.4	8.1	81	-0.49	± 10%	Jun.11,2023
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D6.5GHzV2	1006	6500	292	29.1	291	-0.34	± 10%	Jun.12,2023
D7GHzV2	1007	7000	278	29.1	291	4.68	± 10%	Jun.13,2023

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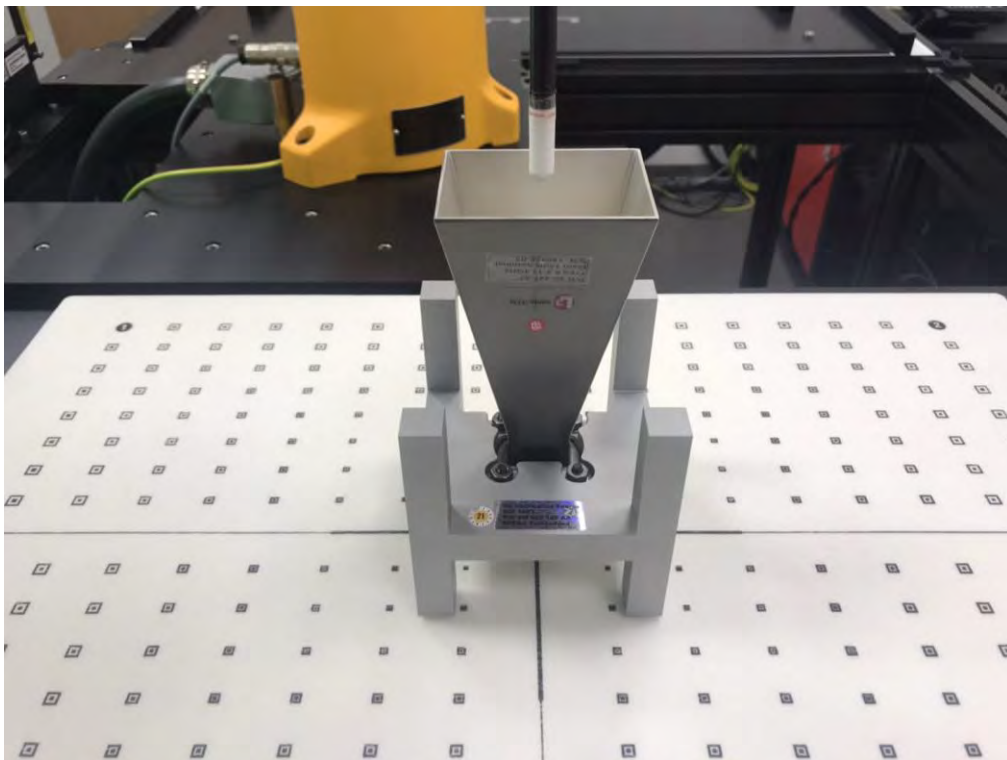


## 4 PD SYSTEM VERIFICATION

### 4.1 System check

The system was verified to be within  $\pm 0.66$  dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check.

The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes.



System Verification Setup Photo

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## 4.2 System check result

The system was verified to be within  $\pm 0.66$  dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check. The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes.

Frequency (MHz)	PD Verification Source (MHz)	Probe S/N	DAE S/N	Distance (mm)	Prad (mW)	Measured 4cm <sup>2</sup> (W/m <sup>2</sup> )	Target 4cm <sup>2</sup> (W/m <sup>2</sup> )	Deviation (dB)	Date
10000	10000	9616	1260	10	86.1	53.9	55.6	-0.13	Jun.17,2023

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## 5 TEST CONFIGURATIONS

### 5.1 Test Environment

Ambient Temperature: 22±2° C

Tissue Simulating Liquid: 22±2° C

### 5.2 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).
- **GSM:** SAR test reduction for GPRS/EDGE mode is determined by the source-based time-averaged output power. The data mode with highest specified time-averaged output power should be tested for SAR compliance.
- **UMTS (HSDPA):** The 3G SAR test reduction procedure is applied to HSDPA with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSDPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSDPA). The following 4 sub-tests were completed according to Release 5 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

Sub-test	$\beta_c$	$\beta_a$	$\beta_a$ (SF)	$\beta_c/\beta_a$	$\beta_{hs}^{(1)}$	CM (dB) <sup>(2)</sup>
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15 <sup>(3)</sup>	15/15 <sup>(3)</sup>	64	12/15 <sup>(3)</sup>	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

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

- **UMTS (HSPA):** The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode

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(HSPA). The following 5 sub-tests were completed according to Release 6 procedures in section 5.2 of 3GPP TS 34.121. A summary of these settings are illustrated below:

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

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

• **UMTS (HSPA+):** The 3G SAR test reduction procedure is applied to HSPA+ with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA+) is  $\leq 1/4$  dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA+). The following 1 sub-test was completed according to Release 7 procedures in section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

Table C.11.1.4:  $\beta$  values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM

Sub-test	$\beta_c$ <sup>(3)</sup>	$\beta_d$ <sup>(3)</sup>	$\beta_{HS}$ <sup>(1)</sup>	$\beta_{ec}$ <sup>(2)</sup>	$\beta_{ed}$ <sup>(2)</sup> (2xSF2) <sup>(4)</sup>	$\beta_{ed}$ <sup>(2)</sup> (2xSF4) <sup>(4)</sup>	CM <sup>(2)</sup> (dB) <sup>(2)</sup>	MPR <sup>(2)</sup> (dB) <sup>(2)</sup>	AG <sup>(4)</sup> Index <sup>(4)</sup>	E-TFCI (Note 5) <sup>(4)</sup>	E-TFCI (boost) <sup>(4)</sup>
1	1	0	30/15	30/15	$\beta_{ed1}: 30/15$ $\beta_{ed2}: 30/15$	$\beta_{ed3}: 24/15$ $\beta_{ed4}: 24/15$	3.5	2.5	14	105	105

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

• **UMTS (DC-HSDPA):** The 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable. Since the maximum output power in a secondary mode (DC-HSDPA) is  $\leq 1/4$  dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (DC-HSDPA). The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. A summary of these settings are illustrated below:

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

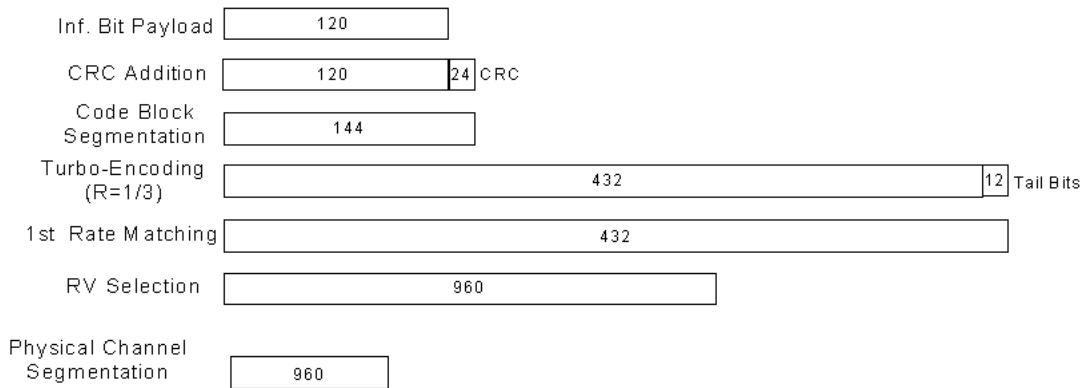
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**Table C.8.1.12: Fixed Reference Channel H-Set 12**

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



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

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

Sub-test	$\beta_c$	$\beta_a$	$\beta_a$ (SF)	$\beta_c/\beta_a$	$\beta_{hs}^{(1)}$	CM (dB) <sup>(2)</sup>
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15 <sup>(3)</sup>	15/15 <sup>(3)</sup>	64	12/15 <sup>(3)</sup>	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

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

- **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.

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- Using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
  - When the reported SAR is  $\leq 0.8$  W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.
  - When the reported SAR of a required test channel is  $> 1.45$  W/kg, SAR is required for all three RB offset configurations for that required test channel.
- b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation
- The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.
- c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for QPSK with 100% RB allocation
- For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are  $\leq 0.8$  W/kg.
  - Otherwise, SAR is measured for the highest output power channel and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.
- d. Per Section 5.2.4, Higher order modulations
- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is  $> \frac{1}{2}$  dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is  $> 1.45$  W/kg.
- e. Per Section 5.3, other channel bandwidth standalone SAR test requirements
- For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section 5.2 to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is  $> \frac{1}{2}$  dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the

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reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.

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

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

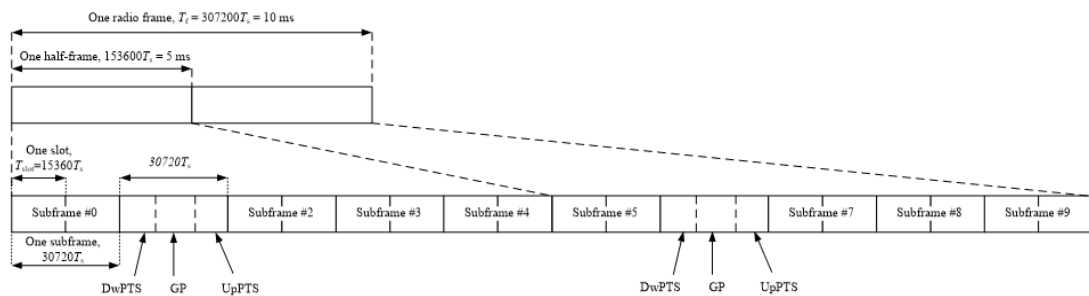


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).

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

Special subframe configuration n	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	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-		
9	$13168 \cdot T_s$			-		

Table 4.2-2: Uplink-downlink configurations

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	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 a maximum of 4 carriers in the downlink. Uplink maximum output power is measured with downlink carrier aggregation active, only for the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than 1/4 dB higher than the maximum output power measured when downlink carrier aggregation inactive. The downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements. The nominal channel spacing is determined by  $[BW1 + BW2 - 0.1 \cdot |BW1 - BW2|] / 2$  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

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SCC should be adjacent to the PCC and remain within the downlink transmission band for contiguous intra-band CA. For non-contiguous intra-band CA, the SCC should be selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band. For inter-band CA, the SCC should be near the middle of its transmission band. When downlink carrier aggregation is active uplink maximum output power remain within the specified tune-up tolerance limits and not more than  $\frac{1}{4}$  dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

- **LTE intra-band UL CA (contiguous):** The device supports LTE intra-band contiguous UL CA. The maximum output power is measured for each UL CA configuration for the required test channels. UL PCC configuration is determined by the required test channel. SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band. SAR for UL CA is required in highest standalone head/body test position and frequency band combination. Since the maximum output for UL CA is  $\leq$  standalone LTE mode (without CA), PCC is configured according to the highest standalone SAR configuration tested, SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.

- **5G NR:** SAR tests for NR bands and LTE anchor bands were performed separately due to limitations in SAR probe calibration factor. Due to test setup limitation, SAR testing for NR was performed using factory test mode software to establish the connection.

- **5G NR:** 5G NR Power/SAR procedure is similar with KDB 941225 D05. **a.** For power measurement reduction of DFT-s-OFDM and CP-OFDM, CP-OFDM will not higher than DFT-OFDM based on 3GPP MPR table, so CP-OFDM QPSK power measurement is spot check for 1RB allocation/1 RB offset configuration to ensure the output power will not  $\frac{1}{2}$  dB higher than Pi/2 BPSK and QPSK. **b.** For power measurement reduction of DFT-s-OFDM, 16QAM/64QAM/256QAM will not higher than Pi/2 BPSK and QPSK based on 3GPP MPR table, so Pi/2 BPSK and QPSK are measured fully, and 16QAM is spot check 1RB allocation/1 RB offset configuration to ensure the output power will not  $\frac{1}{2}$  dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to ensure output power will not  $\frac{1}{2}$  dB higher than largest supported bandwidth. **c.** SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. **d.** 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure. **e.** QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested. **f.** 16QAM/64QAM/256QAM output powers according to 3GPP MPR will not  $\frac{1}{2}$  dB higher than the same configuration in QPSK, also reported

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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.

- **WLAN 2.4GHz:** 802.11b DSSS SAR Test Requirements: SAR is measured for 2.4 GHz 802.11b DSSS mode using the highest measured maximum output power channel, when the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.

- **WLAN 2.4GHz:** 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

- **WLAN 5GHz:** Initial Test Configuration: An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. When the reported SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is ≤ 1.2 W/kg or all required channels are tested. Since the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for subsequent test configuration.

- **WLAN 5GHz:** Based on FCC guidance, general principles of KDB248227D01 can be applied to 802.11ax to determine initial test configuration with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency band.

- **WLAN 6GHz:** The device doesn't support wireless router capability (hotspot function) in WIFI 6E, so head SAR and body-worn SAR are measured.

- **WLAN 6GHz:** Per October 2020 & April 2021 TCB Workshop Interim procedures and FCC guidance, start instead with a minimum of 5 test channels across the full band, then adapt and apply conducted power and SAR test reduction procedures of KDB Pub. 248227 v02r02. WIFI 6E SAR is measured by using 6-7GHz parameters per IEC/IEEE62209-1528:2020 and report also estimated absorbed PD (for reference purposes only, not specifically for compliance). For the highest SAR test configurations also measure incident PD (total) using mmW near-field probe and total-field/power-density reconstruction method.

- **WLAN 6GHz:** Per equipment manufacturer guidance, power density was measured at d=2mm with the grid step (0.0625λ) for determining compliance at d=2mm.

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- **WLAN 6GHz:** According to October 2020 TCB Workshop Interim procedures, power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty > 30%. Total expanded uncertainty of 2.67 dB (85%) was used to determine the psPD measurement scaling factor.
- **WLAN 6GHz:** Per FCC guidance, for simultaneous transmission evaluation, using SAR sum and SPLSR for simultaneous transmit exclusion analyses and evaluations.
- **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  $\leq 50$  mm, the power threshold determined by the equation in 4.3.1 c) 1) for 50 mm and 100 MHz is multiplied by  $\frac{1}{2}$
  - b) The power threshold at 50mm/100 MHz in 4.3.1 b) is multiplied by  $[1 + \log(100/f(\text{MHz}))]$  where f is 13.56MHz
  - c) The power threshold in 4.3.1 b) is  $[\text{Power allowed at numeric threshold for 50 mm in 4.3.1 a)} + [(\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)] \text{ mW}$ , 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  $[3/\sqrt{f(\text{GHz})}] \cdot (\text{test separation distance})$

Hence, SAR test exclusion threshold is calculated in reverse sequence:

- d) :  $[3/\sqrt{0.1}] \cdot 50 = 474.3416\text{mW}$
- c) :  $474.3416 + (50-50) \cdot (100/150) = 474.3416\text{mW}$
- b) :  $474.3416 \cdot [1 + \log(100/13.56)] = 885.9470\text{mW}$
- a) :  $885.9470 \cdot 0.5 = 442.974\text{mW}$

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 -75.93 dBm (converted from 19.23 dBuV/m at 3m) and it is far below the exclusion threshold (26.464dBm), so SAR test for NFC can be excluded.

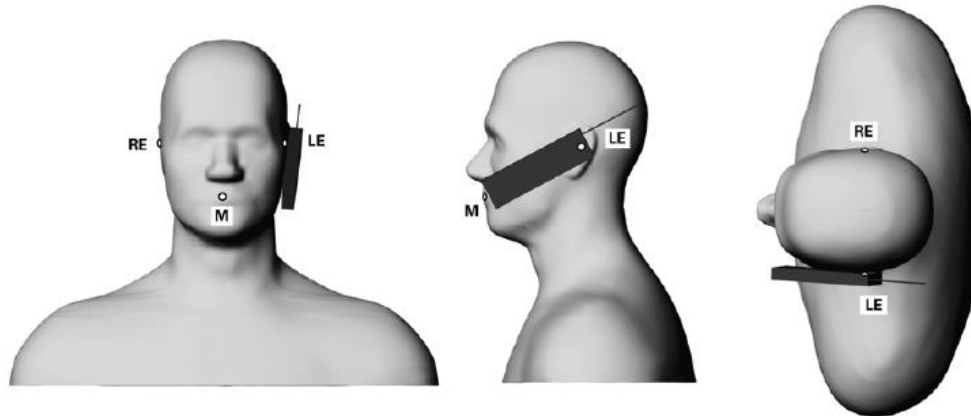
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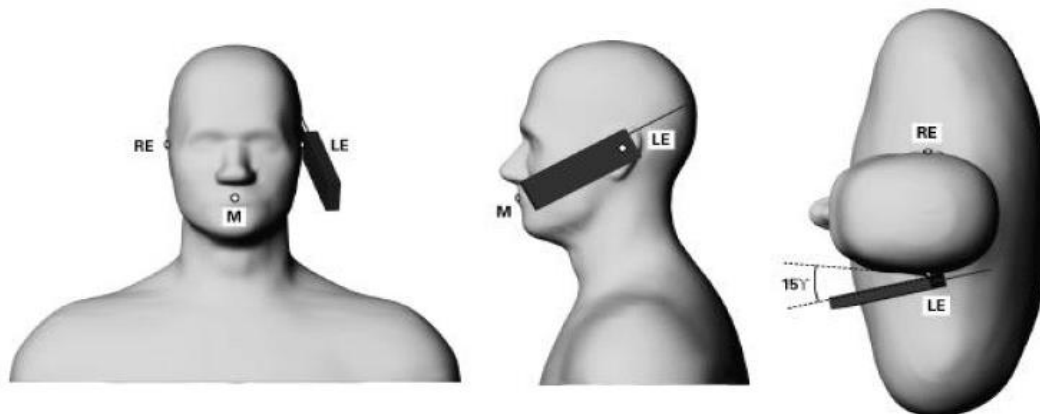
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### 5.3 Test position

#### Head SAR test position



Phone position 1, “cheek” or “touch” position. The reference points for the right ear (RE), left ear (LE) and mouth (M), which define the reference plane for phone positioning.



Phone position 2, “tilted position.” The reference points for the right ear (RE), left ear (LE) and mouth (M), which define the reference plane for phone positioning.

**Cheek/Touch Position:**

The handset was brought toward the mouth of the head phantom by pivoting against the ear reference point until any point of the mouthpiece or keypad touched the phantom.

**Ear/Tilt Position:**

With the phone aligned in the Cheek/Touch position, the handset was tilted away from the mouth with respect to the test device reference point by 15 degrees.

#### Body-worn SAR test position (15 mm)

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. When the same wireless transmission configuration is used for testing body-worn accessory and hotspot mode SAR, respectively, in voice and data mode, SAR results for the most

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conservative test separation distance configuration may be used to support both SAR conditions. When the reported SAR for a body-worn accessory, measured without a headset connected to the handset, is  $> 1.2 \text{ W/kg}$ , the highest reported SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.

### Hotspot mode SAR test position (10 mm)

A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge when the form factor of a handset is larger than  $9 \text{ cm} \times 5 \text{ cm}$ .

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## 5.4 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 4cm<sup>2</sup> 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 <sup>2</sup> )	Averaging time (minutes)
<b>(i) Limits for Occupational/Controlled Exposure</b>				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f <sup>2</sup> )	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
<b>(ii) Limits for General Population/Uncontrolled Exposure</b>				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f <sup>2</sup> )	<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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## 6 MAXIMUM OUTPUT POWER

### 6.1 GSM/GPRS/EDGE

#### DS10

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34.5	33.18	24.15
	836.6	190	34.5	33.30	24.27
	848.8	251	34.5	33.21	24.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			34.5	33		
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10		
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)		
GPRS 850 (GMSK)	824.2	128	33.19	32.83		
	836.6	190	33.16	32.94		
	848.8	251	33.18	32.89		
Source-based time average power						
GPRS 850 (GMSK)	824.2	128	24.16	26.81	-4.26	-3.01
	836.6	190	24.13	26.92	-4.26	-3.01
	848.8	251	24.15	26.87	-4.26	-3.01
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			28.5	27		
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10		
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)		
EDGE 850 (8PSK)	824.2	128	27.43	26.89		
	836.6	190	27.39	26.93		
	848.8	251	27.52	26.84		
Source-based time average power						
EDGE 850 (8PSK)	824.2	128	18.40	20.87	-4.26	-3.01
	836.6	190	18.36	20.91	-4.26	-3.01
	848.8	251	18.49	20.82	-4.26	-3.01
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

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ANT3\_DS12

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)		Burst average power	Source-based time average power
					Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	33.5		33.18	24.15
	836.6	190	33.5		33.30	24.27
	848.8	251	33.5		33.21	24.18
The division factor compared to the number of TX time slot						
Division factor					1 TX time slot	
					-9.03	
Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			33.5	33		
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10	1Dn3UP Multi- class 11	1Dn4UP Multi- class 12
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	33.19	32.83		
	836.6	190	33.16	32.94		
	848.8	251	33.18	32.89		
Source-based time average power						
GPRS 850 (GMSK)	824.2	128	24.16	26.81	-4.26	-3.01
	836.6	190	24.13	26.92	-4.26	-3.01
	848.8	251	24.15	26.87	-4.26	-3.01
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01
Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			28.5	27		
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10	1Dn3UP Multi- class 11	1Dn4UP Multi- class 12
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
EDGE 850 (8PSK)	824.2	128	27.43	26.89		
	836.6	190	27.39	26.93		
	848.8	251	27.52	26.84		
Source-based time average power						
EDGE 850 (8PSK)	824.2	128	18.40	20.87	-4.26	-3.01
	836.6	190	18.36	20.91	-4.26	-3.01
	848.8	251	18.49	20.82	-4.26	-3.01
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

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DS10

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)		Burst average power	Source-based time average power
					Avg. (dBm)	Avg. (dBm)
GSM1900 (GMSK)	1850.2	512	31.5		29.91	20.88
	1880	661	31.5		29.66	20.63
	1909.8	810	31.5		29.84	20.81
The division factor compared to the number of TX time slot						
Division factor					1 TX time slot	
					-9.03	
Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			31.5	30		
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10	1Dn3UP Multi- class 11	1Dn4UP Multi- class 12
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
GPRS 1900 (GMSK)	1850.2	512	30.17	29.48		
	1880	661	29.93	29.21		
	1909.8	810	30.09	29.44		
Source-based time average power						
GPRS 1900 (GMSK)	1850.2	512	21.14	23.46	-4.26	-3.01
	1880	661	20.90	23.19	-4.26	-3.01
	1909.8	810	21.06	23.42	-4.26	-3.01
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01
Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			27.5	26		
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10	1Dn3UP Multi- class 11	1Dn4UP Multi- class 12
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
EDGE 1900 (8PSK)	1850.2	512	25.51	24.72		
	1880	661	25.52	24.77		
	1909.8	810	25.58	24.83		
Source-based time average power						
EDGE 1900 (8PSK)	1850.2	512	16.48	18.70	-4.26	-3.01
	1880	661	16.49	18.75	-4.26	-3.01
	1909.8	810	16.55	18.81	-4.26	-3.01
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

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ANT2 DSI2

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power		Source-based time average power	
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
GSM1900 (GMSK)	1850.2	512	30.5	29.91	20.88		
	1880	661	30.5	29.66	20.63		
	1909.8	810	30.5	29.84	20.81		
The division factor compared to the number of TX time slot							
Division factor				1 TX time slot			
				-9.03			
Burst average power							
Max. Rated Avg. Power + Max. Tolerance (dBm)			30.5	30			
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10	1Dn3UP Multi- class 11	1Dn4UP Multi- class 12	
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	
GPRS 1900 (GMSK)	1850.2	512	30.17	29.48			
	1880	661	29.93	29.21			
	1909.8	810	30.09	29.44			
Source-based time average power							
GPRS 1900 (GMSK)	1850.2	512	21.14	23.46	-4.26	-3.01	
	1880	661	20.90	23.19	-4.26	-3.01	
	1909.8	810	21.06	23.42	-4.26	-3.01	
The division factor compared to the number of TX time slot							
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot	
			-9.03	-6.02	-4.26	-3.01	
Burst average power							
Max. Rated Avg. Power + Max. Tolerance (dBm)			27.5	26			
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10	1Dn3UP Multi- class 11	1Dn4UP Multi- class 12	
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	
EDGE 1900 (8PSK)	1850.2	512	25.51	24.72			
	1880	661	25.52	24.77			
	1909.8	810	25.58	24.83			
Source-based time average power							
EDGE 1900 (8PSK)	1850.2	512	16.48	18.70	-4.26	-3.01	
	1880	661	16.49	18.75	-4.26	-3.01	
	1909.8	810	16.55	18.81	-4.26	-3.01	
The division factor compared to the number of TX time slot							
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot	
			-9.03	-6.02	-4.26	-3.01	

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6.2 WCDMA

ANT1\_DSI0

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>25.00</b>		
3GPP Rel 99	RMC 12.2Kbps	23.39	23.42	23.35
3GPP Rel 5	HSDPA Subtest-1	22.21	22.23	22.15
	HSDPA Subtest-2	22.24	22.22	22.19
	HSDPA Subtest-3	21.76	21.77	21.63
	HSDPA Subtest-4	21.77	21.80	21.74
3GPP Rel 6	HSUPA Subtest-1	22.34	22.28	22.10
	HSUPA Subtest-2	20.27	20.31	20.27
	HSUPA Subtest-3	21.22	21.18	21.13
	HSUPA Subtest-4	20.16	20.23	20.20
	HSUPA Subtest-5	22.27	22.19	22.06
3GPP Rel 7	HSPA+	19.72	19.71	19.68
3GPP Rel 8	DC-HSDPA Subtest-1	22.22	22.32	22.21
	DC-HSDPA Subtest-2	22.15	22.18	22.27
	DC-HSDPA Subtest-3	21.70	21.86	21.76
	DC-HSDPA Subtest-4	21.75	21.76	21.68

ANT3\_DSI1

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>23.50</b>		
3GPP Rel 99	RMC 12.2Kbps	23.39	23.42	23.35
3GPP Rel 5	HSDPA Subtest-1	22.21	22.23	22.15
	HSDPA Subtest-2	22.24	22.22	22.19
	HSDPA Subtest-3	21.76	21.77	21.63
	HSDPA Subtest-4	21.77	21.80	21.74
3GPP Rel 6	HSUPA Subtest-1	22.34	22.28	22.10
	HSUPA Subtest-2	20.27	20.31	20.27
	HSUPA Subtest-3	21.22	21.18	21.13
	HSUPA Subtest-4	20.16	20.23	20.20
	HSUPA Subtest-5	22.27	22.19	22.06
3GPP Rel 7	HSPA+	19.72	19.71	19.68
3GPP Rel 8	DC-HSDPA Subtest-1	22.22	22.32	22.21
	DC-HSDPA Subtest-2	22.15	22.18	22.27
	DC-HSDPA Subtest-3	21.70	21.86	21.76
	DC-HSDPA Subtest-4	21.75	21.76	21.68

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ANT3\_DSI2

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>22.50</b>		
3GPP Rel 99	RMC 12.2Kbps	22.39	22.45	22.37
3GPP Rel 5	HSDPA Subtest-1	21.18	21.19	21.12
	HSDPA Subtest-2	21.20	21.19	21.15
	HSDPA Subtest-3	20.72	20.76	20.60
	HSDPA Subtest-4	20.77	20.78	20.74
3GPP Rel 6	HSUPA Subtest-1	21.32	21.27	21.08
	HSUPA Subtest-2	19.27	19.30	19.25
	HSUPA Subtest-3	20.18	20.16	20.12
	HSUPA Subtest-4	19.14	19.21	19.20
	HSUPA Subtest-5	21.23	21.19	21.02
3GPP Rel 7	HSPA+	18.72	18.71	18.68
3GPP Rel 8	DC-HSDPA Subtest-1	21.21	21.29	21.17
	DC-HSDPA Subtest-2	21.14	21.18	21.24
	DC-HSDPA Subtest-3	20.70	20.86	20.74
	DC-HSDPA Subtest-4	20.75	20.75	20.67

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ANT2\_DSI0

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>25.00</b>		
3GPP Rel 99	RMC 12.2Kbps	23.26	23.38	23.32
3GPP Rel 5	HSDPA Subtest-1	22.12	22.23	22.28
	HSDPA Subtest-2	22.08	22.30	22.17
	HSDPA Subtest-3	21.67	21.82	21.72
	HSDPA Subtest-4	21.68	21.74	21.61
3GPP Rel 6	HSUPA Subtest-1	22.12	22.17	22.07
	HSUPA Subtest-2	20.15	20.09	20.13
	HSUPA Subtest-3	21.06	21.30	21.16
	HSUPA Subtest-4	20.12	20.31	20.27
	HSUPA Subtest-5	22.05	22.18	22.06
3GPP Rel 7	HSPA+	19.55	19.68	19.59
3GPP Rel 8	DC-HSDPA Subtest-1	22.04	22.20	22.12
	DC-HSDPA Subtest-2	22.21	22.23	22.16
	DC-HSDPA Subtest-3	21.79	21.65	21.71
	DC-HSDPA Subtest-4	21.58	21.74	21.77
Band		WCDMA IV		
TX Channel		1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>25.00</b>		
3GPP Rel 99	RMC 12.2Kbps	23.56	23.50	23.35
3GPP Rel 5	HSDPA Subtest-1	22.33	22.40	22.28
	HSDPA Subtest-2	22.36	22.33	22.29
	HSDPA Subtest-3	21.96	21.91	21.63
	HSDPA Subtest-4	21.89	21.78	21.73
3GPP Rel 6	HSUPA Subtest-1	22.36	22.39	22.17
	HSUPA Subtest-2	20.38	20.28	20.17
	HSUPA Subtest-3	21.38	21.26	21.30
	HSUPA Subtest-4	20.42	20.32	20.31
	HSUPA Subtest-5	22.30	22.47	22.26
3GPP Rel 7	HSPA+	19.82	19.83	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	22.34	22.39	22.19
	DC-HSDPA Subtest-2	22.32	22.35	22.26
	DC-HSDPA Subtest-3	21.95	21.93	21.77
	DC-HSDPA Subtest-4	21.89	21.93	21.66

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ANT4\_DSI1

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>23.50</b>		
3GPP Rel 99	RMC 12.2Kbps	23.26	23.38	23.32
3GPP Rel 5	HSDPA Subtest-1	22.12	22.23	22.28
	HSDPA Subtest-2	22.08	22.30	22.17
	HSDPA Subtest-3	21.67	21.82	21.72
	HSDPA Subtest-4	21.68	21.74	21.61
3GPP Rel 6	HSUPA Subtest-1	22.12	22.17	22.07
	HSUPA Subtest-2	20.15	20.09	20.13
	HSUPA Subtest-3	21.06	21.30	21.16
	HSUPA Subtest-4	20.12	20.31	20.27
	HSUPA Subtest-5	22.05	22.18	22.06
3GPP Rel 7	HSPA+	19.55	19.68	19.59
3GPP Rel 8	DC-HSDPA Subtest-1	22.04	22.20	22.12
	DC-HSDPA Subtest-2	22.21	22.23	22.16
	DC-HSDPA Subtest-3	21.79	21.65	21.71
	DC-HSDPA Subtest-4	21.58	21.74	21.77
Band		WCDMA IV		
TX Channel		1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>24.00</b>		
3GPP Rel 99	RMC 12.2Kbps	23.56	23.50	23.35
3GPP Rel 5	HSDPA Subtest-1	22.33	22.40	22.28
	HSDPA Subtest-2	22.36	22.33	22.29
	HSDPA Subtest-3	21.96	21.91	21.63
	HSDPA Subtest-4	21.89	21.78	21.73
3GPP Rel 6	HSUPA Subtest-1	22.36	22.39	22.17
	HSUPA Subtest-2	20.38	20.28	20.17
	HSUPA Subtest-3	21.38	21.26	21.30
	HSUPA Subtest-4	20.42	20.32	20.31
	HSUPA Subtest-5	22.30	22.47	22.26
3GPP Rel 7	HSPA+	19.82	19.83	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	22.34	22.39	22.19
	DC-HSDPA Subtest-2	22.32	22.35	22.26
	DC-HSDPA Subtest-3	21.95	21.93	21.77
	DC-HSDPA Subtest-4	21.89	21.93	21.66

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ANT4\_DSI2

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>22.00</b>		
3GPP Rel 99	RMC 12.2Kbps	21.85	21.98	21.94
3GPP Rel 5	HSDPA Subtest-1	20.66	20.83	20.88
	HSDPA Subtest-2	20.68	20.82	20.76
	HSDPA Subtest-3	20.20	20.37	20.30
	HSDPA Subtest-4	20.19	20.32	20.18
3GPP Rel 6	HSUPA Subtest-1	20.72	20.68	20.60
	HSUPA Subtest-2	18.75	18.65	18.64
	HSUPA Subtest-3	19.63	19.86	19.74
	HSUPA Subtest-4	18.67	18.87	18.85
	HSUPA Subtest-5	20.57	20.73	20.57
3GPP Rel 7	HSPA+	18.07	18.24	18.12
3GPP Rel 8	DC-HSDPA Subtest-1	20.60	20.78	20.70
	DC-HSDPA Subtest-2	20.80	20.80	20.76
	DC-HSDPA Subtest-3	20.32	20.18	20.23
	DC-HSDPA Subtest-4	20.13	20.30	20.33
Band		WCDMA IV		
TX Channel		1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		<b>23.00</b>		
3GPP Rel 99	RMC 12.2Kbps	22.98	22.91	22.83
3GPP Rel 5	HSDPA Subtest-1	21.70	21.72	21.65
	HSDPA Subtest-2	21.69	21.70	21.62
	HSDPA Subtest-3	21.30	21.24	21.03
	HSDPA Subtest-4	21.29	21.12	21.09
3GPP Rel 6	HSUPA Subtest-1	21.68	21.74	21.50
	HSUPA Subtest-2	19.73	19.64	19.48
	HSUPA Subtest-3	20.78	20.57	20.66
	HSUPA Subtest-4	19.79	19.67	19.68
	HSUPA Subtest-5	21.65	21.87	21.59
3GPP Rel 7	HSPA+	19.17	19.18	19.03
3GPP Rel 8	DC-HSDPA Subtest-1	21.65	21.76	21.57
	DC-HSDPA Subtest-2	21.66	21.66	21.58
	DC-HSDPA Subtest-3	21.27	21.31	21.16
	DC-HSDPA Subtest-4	21.25	21.26	20.98

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6.3 FDD LTE

ANT1\_DSI0

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	23.61	22.85	23.09	24.50	0
		1	50	23.47	22.63	22.87	24.50	0
		1	99	23.41	22.67	22.97	24.50	0
		50	0	22.37	21.63	21.86	23.50	1
		50	25	22.48	21.72	21.95	23.50	1
		50	50	22.50	21.70	21.88	23.50	1
		100	0	22.49	21.63	21.93	23.50	1
20	16-QAM	1	0	22.36	21.57	21.82	23.50	1
		1	50	22.44	21.70	21.88	23.50	1
		1	99	22.40	21.77	21.91	23.50	1
		50	0	21.37	20.69	20.91	22.50	2
		50	25	21.47	20.70	21.06	22.50	2
		50	50	21.44	20.57	20.93	22.50	2
		100	0	21.49	20.68	20.97	22.50	2
20	64-QAM	1	0	21.49	20.72	20.80	22.50	2
		1	50	21.45	20.80	20.84	22.50	2
		1	99	21.48	20.72	20.92	22.50	2
		50	0	20.55	19.66	19.92	21.50	3
		50	25	20.36	19.66	19.94	21.50	3
		50	50	20.37	19.68	19.81	21.50	3
		100	0	20.40	19.82	19.82	21.50	3
20	256-QAM	1	0	18.46	17.51	17.81	19.50	5
		1	50	18.42	17.72	17.86	19.50	5
		1	99	18.27	17.64	17.82	19.50	5
		50	0	18.36	17.62	17.83	19.50	5
		50	25	18.28	17.65	17.73	19.50	5
		50	50	18.29	17.54	17.72	19.50	5
		100	0	18.23	17.60	17.85	19.50	5

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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	23.45	22.57	22.85	24.50	0
		1	36	23.35	22.67	22.90	24.50	0
		1	74	23.35	22.65	22.91	24.50	0
		36	0	22.32	21.64	21.91	23.50	1
		36	18	22.48	21.76	21.79	23.50	1
		36	37	22.35	21.71	21.85	23.50	1
		75	0	22.42	21.69	21.84	23.50	1
15	16-QAM	1	0	22.52	21.61	21.95	23.50	1
		1	36	22.48	21.74	21.98	23.50	1
		1	74	22.41	21.75	22.00	23.50	1
		36	0	21.52	20.72	20.99	22.50	2
		36	18	21.55	20.69	20.89	22.50	2
		36	37	21.39	20.78	20.97	22.50	2
		75	0	21.44	20.70	20.93	22.50	2
15	64-QAM	1	0	21.38	20.65	20.86	22.50	2
		1	36	21.39	20.76	20.85	22.50	2
		1	74	21.43	20.73	20.84	22.50	2
		36	0	20.52	19.77	19.95	21.50	3
		36	18	20.51	19.78	19.96	21.50	3
		36	37	20.48	19.74	19.90	21.50	3
		75	0	20.35	19.60	19.98	21.50	3
15	256-QAM	1	0	18.45	17.62	17.84	19.50	5
		1	36	18.39	17.57	17.88	19.50	5
		1	74	18.40	17.58	17.85	19.50	5
		36	0	18.37	17.52	17.82	19.50	5
		36	18	18.37	17.71	17.73	19.50	5
		36	37	18.35	17.62	17.92	19.50	5
		75	0	18.40	17.67	17.89	19.50	5

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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	22.83	22.99	24.50	0
		1	25	23.44	22.78	22.96	24.50	0
		1	49	23.46	22.71	22.84	24.50	0
		25	0	22.39	21.68	21.85	23.50	1
		25	12	22.55	21.69	21.86	23.50	1
		25	25	22.51	21.80	21.83	23.50	1
		50	0	22.50	21.65	21.96	23.50	1
10	16-QAM	1	0	22.53	21.81	21.95	23.50	1
		1	25	22.52	21.71	21.86	23.50	1
		1	49	22.39	21.61	21.90	23.50	1
		25	0	21.52	20.68	20.90	22.50	2
		25	12	21.39	20.75	20.95	22.50	2
		25	25	21.42	20.75	20.93	22.50	2
		50	0	21.55	20.64	20.98	22.50	2
10	64-QAM	1	0	21.41	20.70	20.98	22.50	2
		1	25	21.46	20.61	20.86	22.50	2
		1	49	21.43	20.65	20.95	22.50	2
		25	0	20.43	19.61	19.95	21.50	3
		25	12	20.39	19.60	19.82	21.50	3
		25	25	20.56	19.67	19.96	21.50	3
		50	0	20.38	19.71	20.00	21.50	3
10	256-QAM	1	0	18.27	17.52	17.87	19.50	5
		1	25	18.37	17.54	17.77	19.50	5
		1	49	18.27	17.48	17.74	19.50	5
		25	0	18.36	17.47	17.73	19.50	5
		25	12	18.32	17.68	17.78	19.50	5
		25	25	18.36	17.56	17.82	19.50	5
		50	0	18.46	17.61	17.73	19.50	5

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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	23.49	22.61	22.95	24.50	0
		1	12	23.39	22.56	22.99	24.50	0
		1	24	23.49	22.71	22.85	24.50	0
		12	0	22.46	21.74	21.80	23.50	1
		12	6	22.56	21.72	21.95	23.50	1
		12	13	22.43	21.68	21.89	23.50	1
		25	0	22.42	21.73	21.89	23.50	1
5	16-QAM	1	0	22.50	21.69	22.03	23.50	1
		1	12	22.41	21.80	21.91	23.50	1
		1	24	22.52	21.68	21.82	23.50	1
		12	0	21.51	20.68	21.04	22.50	2
		12	6	21.38	20.66	20.84	22.50	2
		12	13	21.45	20.62	21.05	22.50	2
		25	0	21.41	20.62	20.83	22.50	2
5	64-QAM	1	0	21.57	20.76	21.02	22.50	2
		1	12	21.49	20.73	20.83	22.50	2
		1	24	21.53	20.65	21.02	22.50	2
		12	0	20.49	19.70	19.98	21.50	3
		12	6	20.51	19.74	19.96	21.50	3
		12	13	20.56	19.65	19.85	21.50	3
		25	0	20.44	19.71	19.95	21.50	3
5	256-QAM	1	0	18.47	17.58	17.86	19.50	5
		1	12	18.40	17.56	17.81	19.50	5
		1	24	18.30	17.56	17.81	19.50	5
		12	0	18.26	17.55	17.83	19.50	5
		12	6	18.32	17.57	17.84	19.50	5
		12	13	18.37	17.56	17.87	19.50	5
		25	0	18.35	17.61	17.91	19.50	5

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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	23.45	22.77	22.86	24.50	0
		1	7	23.48	22.74	22.98	24.50	0
		1	14	23.48	22.71	22.88	24.50	0
		8	0	22.47	21.67	21.98	23.50	1
		8	4	22.54	21.60	21.86	23.50	1
		8	7	22.39	21.70	21.97	23.50	1
		15	0	22.51	21.73	21.98	23.50	1
3	16-QAM	1	0	22.38	21.60	21.93	23.50	1
		1	7	22.45	21.74	21.92	23.50	1
		1	14	22.45	21.65	21.79	23.50	1
		8	0	21.40	20.71	21.00	22.50	2
		8	4	21.40	20.76	20.93	22.50	2
		8	7	21.43	20.76	20.88	22.50	2
		15	0	21.40	20.82	21.00	22.50	2
3	64-QAM	1	0	21.39	20.72	21.05	22.50	2
		1	7	21.34	20.57	20.89	22.50	2
		1	14	21.45	20.74	20.88	22.50	2
		8	0	20.51	19.68	19.92	21.50	3
		8	4	20.59	19.62	20.01	21.50	3
		8	7	20.50	19.76	19.95	21.50	3
		15	0	20.57	19.70	20.04	21.50	3
3	256-QAM	1	0	18.45	17.69	17.79	19.50	5
		1	7	18.36	17.63	17.80	19.50	5
		1	14	18.30	17.52	17.93	19.50	5
		8	0	18.40	17.62	17.82	19.50	5
		8	4	18.38	17.55	17.83	19.50	5
		8	7	18.37	17.60	17.72	19.50	5
		15	0	18.35	17.58	17.82	19.50	5

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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	23.41	22.56	22.81	24.50	0
		1	2	23.50	22.70	22.83	24.50	0
		1	5	23.42	22.65	23.00	24.50	0
		3	0	23.53	22.69	22.84	24.50	0
		3	2	23.50	22.77	22.96	24.50	0
		3	3	23.46	22.73	22.99	24.50	0
		6	0	22.43	21.57	22.07	23.50	1
1.4	16-QAM	1	0	22.44	21.80	21.94	23.50	1
		1	2	22.46	21.77	21.83	23.50	1
		1	5	22.54	21.72	21.98	23.50	1
		3	0	22.45	21.75	21.99	23.50	1
		3	2	22.45	21.67	21.95	23.50	1
		3	3	22.46	21.68	22.02	23.50	1
		6	0	21.52	20.69	20.87	22.50	2
1.4	64-QAM	1	0	21.38	20.77	20.91	22.50	2
		1	2	21.43	20.63	20.91	22.50	2
		1	5	21.41	20.74	20.86	22.50	2
		3	0	21.51	20.67	20.84	22.50	2
		3	2	21.42	20.65	20.99	22.50	2
		3	3	21.45	20.76	21.00	22.50	2
		6	0	20.51	19.73	19.94	21.50	3
1.4	256-QAM	1	0	18.35	17.46	17.91	21.50	3
		1	2	18.35	17.47	17.96	21.50	3
		1	5	18.43	17.56	17.85	21.50	3
		3	0	18.32	17.55	17.87	21.50	3
		3	2	18.27	17.56	17.83	21.50	3
		3	3	18.37	17.57	17.88	21.50	3
		6	0	18.37	17.60	17.85	19.50	5

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1732.5	1745		
Channel				20050	20175	20300		
20	QPSK	1	0	22.83	22.88	22.98	24.50	0
		1	50	22.68	22.72	22.83	24.50	0
		1	99	22.52	22.67	22.81	24.50	0
		50	0	21.58	21.80	21.88	23.50	1
		50	25	21.76	21.71	21.84	23.50	1
		50	50	21.57	21.75	21.85	23.50	1
20	16-QAM	100	0	21.57	21.77	21.87	23.50	1
		1	0	21.80	21.68	21.70	23.50	1
		1	50	21.68	21.68	21.80	23.50	1
		1	99	21.80	21.67	21.87	23.50	1
		50	0	20.63	20.78	20.87	22.50	2
		50	25	20.75	20.62	20.89	22.50	2
20	64-QAM	50	50	20.67	20.78	20.71	22.50	2
		100	0	20.60	20.69	20.67	22.50	2
		1	0	20.65	20.71	20.79	22.50	2
		1	50	20.80	20.74	20.88	22.50	2
		1	99	20.61	20.62	20.93	22.50	2
		50	0	19.75	19.70	19.81	21.50	3
20	256-QAM	50	25	19.68	19.68	19.78	21.50	3
		50	50	19.74	19.79	19.92	21.50	3
		100	0	19.74	19.67	19.84	21.50	3
		1	0	17.56	17.58	17.68	21.50	3
		1	50	17.70	17.71	17.77	21.50	3
		1	99	17.69	17.64	17.68	21.50	3
20	256-QAM	50	0	17.59	17.55	17.76	20.50	4
		50	25	17.50	17.60	17.70	20.50	4
		50	50	17.71	17.67	17.72	20.50	4
		100	0	17.47	17.65	17.76	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
Channel				20025	20175	20325		
15	QPSK	1	0	22.83	22.88	22.97	24.50	0
		1	36	22.64	22.70	22.80	24.50	0
		1	74	22.54	22.66	22.82	24.50	0
		36	0	21.57	21.80	21.89	23.50	1
		36	18	21.75	21.71	21.83	23.50	1
		36	37	21.60	21.72	21.82	23.50	1
		75	0	21.58	21.72	21.87	23.50	1
15	16-QAM	1	0	21.78	21.64	21.74	23.50	1
		1	36	21.65	21.64	21.81	23.50	1
		1	74	21.83	21.69	21.90	23.50	1
		36	0	20.61	20.77	20.86	22.50	2
		36	18	20.71	20.61	20.88	22.50	2
		36	37	20.67	20.80	20.69	22.50	2
		75	0	20.62	20.69	20.69	22.50	2
15	64-QAM	1	0	20.67	20.68	20.79	22.50	2
		1	36	20.78	20.71	20.90	22.50	2
		1	74	20.60	20.62	20.93	22.50	2
		36	0	19.72	19.67	19.79	21.50	3
		36	18	19.67	19.67	19.79	21.50	3
		36	37	19.73	19.78	19.91	21.50	3
		75	0	19.77	19.66	19.81	21.50	3
15	256-QAM	1	0	17.56	17.58	17.67	21.50	3
		1	36	17.69	17.69	17.74	21.50	3
		1	74	17.66	17.63	17.68	21.50	3
		36	0	17.59	17.54	17.75	20.50	4
		36	18	17.48	17.59	17.75	20.50	4
		36	37	17.69	17.65	17.69	20.50	4
		75	0	17.46	17.68	17.77	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1732.5	1750		
Channel				20000	20175	20350		
10	QPSK	1	0	22.82	22.88	22.95	24.50	0
		1	25	22.64	22.73	22.81	24.50	0
		1	49	22.53	22.70	22.85	24.50	0
		25	0	21.59	21.83	21.90	23.50	1
		25	12	21.76	21.70	21.84	23.50	1
		25	25	21.58	21.73	21.82	23.50	1
		50	0	21.59	21.74	21.91	23.50	1
10	16-QAM	1	0	21.79	21.67	21.70	23.50	1
		1	25	21.64	21.66	21.83	23.50	1
		1	49	21.83	21.65	21.91	23.50	1
		25	0	20.63	20.79	20.87	22.50	2
		25	12	20.75	20.63	20.88	22.50	2
		25	25	20.66	20.78	20.70	22.50	2
		50	0	20.65	20.69	20.67	22.50	2
10	64-QAM	1	0	20.65	20.71	20.83	22.50	2
		1	25	20.78	20.72	20.88	22.50	2
		1	49	20.62	20.62	20.89	22.50	2
		25	0	19.73	19.70	19.81	21.50	3
		25	12	19.67	19.68	19.80	21.50	3
		25	25	19.77	19.80	19.91	21.50	3
		50	0	19.75	19.66	19.81	21.50	3
10	256-QAM	1	0	17.56	17.55	17.68	21.50	3
		1	25	17.68	17.70	17.75	21.50	3
		1	49	17.66	17.62	17.68	21.50	3
		25	0	17.59	17.53	17.76	20.50	4
		25	12	17.51	17.61	17.72	20.50	4
		25	25	17.70	17.62	17.73	20.50	4
		50	0	17.47	17.65	17.77	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	22.84	22.86	22.95	24.50	0
		1	12	22.63	22.72	22.80	24.50	0
		1	24	22.55	22.68	22.81	24.50	0
		12	0	21.58	21.79	21.90	23.50	1
		12	6	21.78	21.69	21.86	23.50	1
		12	13	21.58	21.75	21.81	23.50	1
		25	0	21.61	21.75	21.86	23.50	1
5	16-QAM	1	0	21.81	21.65	21.74	23.50	1
		1	12	21.65	21.65	21.81	23.50	1
		1	24	21.81	21.69	21.88	23.50	1
		12	0	20.63	20.75	20.86	22.50	2
		12	6	20.75	20.64	20.88	22.50	2
		12	13	20.67	20.78	20.68	22.50	2
		25	0	20.65	20.69	20.68	22.50	2
5	64-QAM	1	0	20.65	20.68	20.78	22.50	2
		1	12	20.80	20.72	20.88	22.50	2
		1	24	20.65	20.61	20.89	22.50	2
		12	0	19.75	19.70	19.80	21.50	3
		12	6	19.68	19.67	19.79	21.50	3
		12	13	19.77	19.77	19.93	21.50	3
		25	0	19.77	19.65	19.83	21.50	3
5	256-QAM	1	0	17.56	17.57	17.68	21.50	3
		1	12	17.70	17.68	17.77	21.50	3
		1	24	17.67	17.62	17.67	21.50	3
		12	0	17.61	17.54	17.78	20.50	4
		12	6	17.50	17.60	17.74	20.50	4
		12	13	17.70	17.64	17.72	20.50	4
		25	0	17.48	17.67	17.76	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	22.86	22.85	22.94	24.50	0
		1	7	22.67	22.71	22.80	24.50	0
		1	14	22.54	22.69	22.84	24.50	0
		8	0	21.58	21.82	21.86	23.50	1
		8	4	21.78	21.71	21.83	23.50	1
		8	7	21.61	21.74	21.83	23.50	1
		15	0	21.58	21.73	21.88	23.50	1
3	16-QAM	1	0	21.78	21.64	21.69	23.50	1
		1	7	21.68	21.67	21.78	23.50	1
		1	14	21.80	21.68	21.91	23.50	1
		8	0	20.65	20.79	20.87	22.50	2
		8	4	20.72	20.64	20.86	22.50	2
		8	7	20.67	20.78	20.72	22.50	2
		15	0	20.61	20.67	20.69	22.50	2
3	64-QAM	1	0	20.63	20.72	20.79	22.50	2
		1	7	20.82	20.69	20.89	22.50	2
		1	14	20.63	20.62	20.92	22.50	2
		8	0	19.74	19.68	19.78	21.50	3
		8	4	19.67	19.66	19.79	21.50	3
		8	7	19.74	19.79	19.94	21.50	3
		15	0	19.77	19.68	19.80	21.50	3
3	256-QAM	1	0	17.55	17.58	17.68	21.50	3
		1	7	17.66	17.71	17.75	21.50	3
		1	14	17.69	17.61	17.64	21.50	3
		8	0	17.58	17.56	17.76	20.50	4
		8	4	17.51	17.60	17.73	20.50	4
		8	7	17.68	17.62	17.70	20.50	4
		15	0	17.47	17.69	17.78	20.50	4

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	22.83	22.88	22.97	24.50	0
		1	2	22.66	22.72	22.83	24.50	0
		1	5	22.52	22.67	22.83	24.50	0
		3	0	21.57	21.80	21.86	24.50	0
		3	2	21.74	21.68	21.87	24.50	0
		3	3	21.58	21.73	21.85	24.50	0
		6	0	21.62	21.75	21.87	23.50	1
1.4	16-QAM	1	0	21.80	21.69	21.73	23.50	1
		1	2	21.66	21.64	21.80	23.50	1
		1	5	21.79	21.70	21.90	23.50	1
		3	0	20.63	20.74	20.87	23.50	1
		3	2	20.72	20.63	20.87	23.50	1
		3	3	20.69	20.78	20.69	23.50	1
		6	0	20.65	20.71	20.65	22.50	2
1.4	64-QAM	1	0	20.63	20.67	20.83	22.50	2
		1	2	20.77	20.74	20.88	22.50	2
		1	5	20.60	20.59	20.88	22.50	2
		3	0	19.71	19.71	19.80	22.50	2
		3	2	19.69	19.68	19.79	22.50	2
		3	3	19.75	19.81	19.94	22.50	2
		6	0	19.75	19.65	19.84	21.50	3
1.4	256-QAM	1	0	17.57	17.59	17.70	21.50	3
		1	2	17.67	17.70	17.73	21.50	3
		1	5	17.69	17.62	17.66	21.50	3
		3	0	17.59	17.56	17.78	21.50	3
		3	2	17.47	17.59	17.73	21.50	3
		3	3	17.71	17.66	17.73	21.50	3
		6	0	17.47	17.66	17.79	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)				829	836.5	844		
Channel				20450	20525	20600		
10	QPSK	1	0	23.49	23.45	23.53	24.50	0
		1	25	23.25	23.27	23.35	24.50	0
		1	49	23.30	23.28	23.33	24.50	0
		25	0	22.41	22.31	22.47	23.50	1
		25	12	22.38	22.28	22.40	23.50	1
		25	25	22.46	22.15	22.29	23.50	1
		50	0	22.39	22.38	22.41	23.50	1
10	16-QAM	1	0	22.37	22.35	22.51	23.50	1
		1	25	22.43	22.33	22.36	23.50	1
		1	49	22.26	22.28	22.34	23.50	1
		25	0	21.41	21.22	21.33	22.50	2
		25	12	21.40	21.35	21.39	22.50	2
		25	25	21.42	21.33	21.35	22.50	2
		50	0	21.34	21.33	21.46	22.50	2
10	64-QAM	1	0	21.29	21.25	21.50	22.50	2
		1	25	21.34	21.20	21.41	22.50	2
		1	49	21.42	21.27	21.41	22.50	2
		25	0	20.29	20.33	20.39	21.50	3
		25	12	20.26	20.33	20.40	21.50	3
		25	25	20.38	20.26	20.44	21.50	3
		50	0	20.23	20.30	20.40	21.50	3
10	256-QAM	1	0	18.19	18.15	18.21	19.50	5
		1	25	18.24	18.16	18.18	19.50	5
		1	49	18.35	18.11	18.16	19.50	5
		25	0	18.30	18.18	18.31	19.50	5
		25	12	18.30	18.14	18.23	19.50	5
		25	25	18.27	18.23	18.25	19.50	5
		50	0	18.29	18.26	18.31	19.50	5

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	23.25	23.34	23.34	24.50	0
		1	12	23.42	23.29	23.40	24.50	0
		1	24	23.27	23.38	23.39	24.50	0
		12	0	22.40	22.27	22.30	23.50	1
		12	6	22.38	22.19	22.28	23.50	1
		12	13	22.36	22.41	22.45	23.50	1
		25	0	22.32	22.20	22.31	23.50	1
5	16-QAM	1	0	22.42	22.32	22.48	23.50	1
		1	12	22.43	22.21	22.30	23.50	1
		1	24	22.35	22.29	22.33	23.50	1
		12	0	21.30	21.40	21.30	22.50	2
		12	6	21.30	21.27	21.43	22.50	2
		12	13	21.32	21.30	21.37	22.50	2
		25	0	21.32	21.28	21.41	22.50	2
5	64-QAM	1	0	21.41	21.35	21.33	22.50	2
		1	12	21.36	21.41	21.38	22.50	2
		1	24	21.32	21.41	21.38	22.50	2
		12	0	20.29	20.31	20.25	21.50	3
		12	6	20.34	20.34	20.36	21.50	3
		12	13	20.30	20.30	20.32	21.50	3
		25	0	20.28	20.27	20.26	21.50	3
5	256-QAM	1	0	18.17	18.15	18.28	19.50	5
		1	12	18.28	18.09	18.18	19.50	5
		1	24	18.20	18.30	18.30	19.50	5
		12	0	18.17	18.14	18.25	19.50	5
		12	6	18.32	18.18	18.21	19.50	5
		12	13	18.19	18.18	18.35	19.50	5
		25	0	18.20	18.20	18.37	19.50	5

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				825.5	836.5	847.5		
Channel				20415	20525	20635		
3	QPSK	1	0	23.40	23.32	23.44	24.50	0
		1	7	23.29	23.30	23.38	24.50	0
		1	14	23.31	23.26	23.32	24.50	0
		8	0	22.27	22.24	22.35	23.50	1
		8	4	22.33	22.37	22.47	23.50	1
		8	7	22.32	22.33	22.33	23.50	1
		15	0	22.29	22.27	22.26	23.50	1
3	16-QAM	1	0	22.39	22.28	22.38	23.50	1
		1	7	22.34	22.27	22.37	23.50	1
		1	14	22.36	22.27	22.34	23.50	1
		8	0	21.29	21.30	21.30	22.50	2
		8	4	21.35	21.26	21.40	22.50	2
		8	7	21.33	21.35	21.41	22.50	2
		15	0	21.27	21.31	21.35	22.50	2
3	64-QAM	1	0	21.29	21.42	21.32	22.50	2
		1	7	21.36	21.31	21.30	22.50	2
		1	14	21.35	21.39	21.38	22.50	2
		8	0	20.24	20.33	20.34	21.50	3
		8	4	20.31	20.23	20.39	21.50	3
		8	7	20.23	20.22	20.41	21.50	3
		15	0	20.28	20.31	20.42	21.50	3
3	256-QAM	1	0	18.45	18.52	18.55	19.50	5
		1	7	18.43	18.47	18.58	19.50	5
		1	14	18.57	18.51	18.58	19.50	5
		8	0	18.44	18.45	18.56	19.50	5
		8	4	18.48	18.43	18.61	19.50	5
		8	7	18.57	18.47	18.47	19.50	5
		15	0	18.47	18.49	18.60	19.50	5

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LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	23.31	23.27	23.43	24.50	0
		1	2	23.47	23.25	23.37	24.50	0
		1	5	23.26	23.29	23.40	24.50	0
		3	0	23.30	23.41	23.44	24.50	0
		3	2	23.44	23.34	23.25	24.50	0
		3	3	23.34	23.36	23.37	24.50	0
		6	0	22.19	22.29	22.37	23.50	1
1.4	16-QAM	1	0	22.28	22.24	22.26	23.50	1
		1	2	22.22	22.38	22.28	23.50	1
		1	5	22.41	22.30	22.41	23.50	1
		3	0	22.31	22.22	22.36	23.50	1
		3	2	22.33	22.33	22.39	23.50	1
		3	3	22.41	22.38	22.44	23.50	1
		6	0	21.42	21.32	21.51	22.50	2
1.4	64-QAM	1	0	21.32	21.20	21.26	22.50	2
		1	2	21.32	21.37	21.40	22.50	2
		1	5	21.28	21.32	21.50	22.50	2
		3	0	21.27	21.34	21.37	22.50	2
		3	2	21.27	21.19	21.28	22.50	2
		3	3	21.23	21.23	21.43	22.50	2
		6	0	20.30	20.29	20.36	21.50	3
1.4	256-QAM	1	0	18.52	18.42	18.52	21.50	3
		1	2	18.57	18.45	18.66	21.50	3
		1	5	18.54	18.50	18.53	21.50	3
		3	0	18.60	18.46	18.55	21.50	3
		3	2	18.54	18.55	18.50	21.50	3
		3	3	18.45	18.52	18.46	21.50	3
		6	0	18.51	18.41	18.66	19.50	5

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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	23.12	23.04	23.11	24.50	0
		1	25	23.09	22.87	22.98	24.50	0
		1	49	22.96	22.84	23.07	24.50	0
		25	0	22.03	21.79	21.87	23.50	1
		25	12	22.06	21.84	21.98	23.50	1
		25	25	21.85	21.85	21.95	23.50	1
		50	0	21.93	21.90	22.09	23.50	1
10	16-QAM	1	0	22.09	21.98	21.88	23.50	1
		1	25	21.90	21.93	21.90	23.50	1
		1	49	21.85	21.92	21.97	23.50	1
		25	0	20.94	20.85	21.06	22.50	2
		25	12	21.04	20.90	20.96	22.50	2
		25	25	20.96	20.93	20.86	22.50	2
		50	0	20.94	20.92	20.94	22.50	2
10	64-QAM	1	0	21.02	20.92	20.86	22.50	2
		1	25	20.97	20.86	20.95	22.50	2
		1	49	20.93	20.97	21.01	22.50	2
		25	0	20.10	19.82	19.89	21.50	3
		25	12	19.94	19.96	19.92	21.50	3
		25	25	19.96	19.78	19.95	21.50	3
		50	0	19.93	19.89	20.05	21.50	3
10	256-QAM	1	0	18.21	18.07	18.13	19.50	5
		1	25	18.18	18.12	18.18	19.50	5
		1	49	18.12	18.10	18.21	19.50	5
		25	0	18.04	18.10	18.10	19.50	5
		25	12	18.28	18.19	18.17	19.50	5
		25	25	18.11	18.00	18.08	19.50	5
		50	0	18.25	18.11	18.12	19.50	5

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				23035	23095	23155		
5	QPSK	1	0	22.91	22.85	22.89	24.50	0
		1	12	23.03	22.84	22.94	24.50	0
		1	24	22.99	22.91	23.00	24.50	0
		12	0	21.94	21.80	21.94	23.50	1
		12	6	22.07	21.94	22.05	23.50	1
		12	13	21.97	21.89	21.91	23.50	1
		25	0	22.00	21.83	21.86	23.50	1
5	16-QAM	1	0	21.94	21.91	21.92	23.50	1
		1	12	21.92	21.86	22.00	23.50	1
		1	24	21.99	21.77	21.99	23.50	1
		12	0	20.92	20.83	20.93	22.50	2
		12	6	21.04	20.92	20.91	22.50	2
		12	13	20.98	20.87	20.85	22.50	2
		25	0	20.99	20.98	20.98	22.50	2
5	64-QAM	1	0	20.90	20.79	20.93	22.50	2
		1	12	21.05	20.89	21.00	22.50	2
		1	24	20.95	20.85	21.03	22.50	2
		12	0	19.97	20.00	19.95	21.50	3
		12	6	20.00	19.91	19.85	21.50	3
		12	13	20.03	19.86	19.99	21.50	3
		25	0	20.00	19.83	19.95	21.50	3
5	256-QAM	1	0	18.17	18.16	18.20	19.50	5
		1	12	18.07	18.12	18.01	19.50	5
		1	24	18.19	18.03	18.23	19.50	5
		12	0	18.21	18.10	18.16	19.50	5
		12	6	18.26	18.07	18.06	19.50	5
		12	13	18.27	18.03	18.14	19.50	5
		25	0	18.11	18.06	18.17	19.50	5

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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	23.00	22.82	23.06	24.50	0
		1	7	23.00	22.87	22.96	24.50	0
		1	14	22.91	22.85	22.86	24.50	0
		8	0	21.92	21.82	21.89	23.50	1
		8	4	22.01	21.82	21.87	23.50	1
		8	7	21.93	21.80	22.06	23.50	1
		15	0	21.98	22.00	21.89	23.50	1
3	16-QAM	1	0	21.88	21.96	21.96	23.50	1
		1	7	22.06	21.83	21.92	23.50	1
		1	14	22.00	21.84	21.98	23.50	1
		8	0	20.91	20.77	21.07	22.50	2
		8	4	21.02	20.87	20.89	22.50	2
		8	7	20.94	20.92	20.92	22.50	2
		15	0	20.99	20.85	20.89	22.50	2
3	64-QAM	1	0	21.02	20.90	20.98	22.50	2
		1	7	20.97	20.97	20.97	22.50	2
		1	14	20.97	20.80	20.89	22.50	2
		8	0	20.03	19.90	19.95	21.50	3
		8	4	19.94	19.78	19.89	21.50	3
		8	7	19.96	19.87	19.91	21.50	3
		15	0	19.93	19.87	20.02	21.50	3
3	256-QAM	1	0	18.25	18.07	18.18	19.50	5
		1	7	18.19	18.05	18.18	19.50	5
		1	14	18.03	18.02	18.13	19.50	5
		8	0	18.12	17.97	18.21	19.50	5
		8	4	18.25	18.10	18.16	19.50	5
		8	7	18.14	17.98	18.08	19.50	5
		15	0	18.14	18.11	18.22	19.50	5

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LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	22.98	22.98	22.91	24.50	0
		1	2	22.93	22.85	22.99	24.50	0
		1	5	23.03	22.94	22.86	24.50	0
		3	0	22.97	22.90	23.00	24.50	0
		3	2	23.00	22.90	23.06	24.50	0
		3	3	22.97	22.89	22.95	24.50	0
		6	0	21.95	21.87	21.92	23.50	1
1.4	16-QAM	1	0	22.00	21.93	21.91	23.50	1
		1	2	21.97	21.97	21.94	23.50	1
		1	5	22.00	21.81	22.00	23.50	1
		3	0	21.88	21.77	21.89	23.50	1
		3	2	21.90	21.86	21.94	23.50	1
		3	3	22.08	21.84	21.87	23.50	1
		6	0	20.97	20.97	21.02	22.50	2
1.4	64-QAM	1	0	21.05	20.88	20.85	22.50	2
		1	2	20.93	20.93	21.01	22.50	2
		1	5	20.83	20.86	20.93	22.50	2
		3	0	21.01	20.80	20.97	22.50	2
		3	2	20.99	20.76	20.93	22.50	2
		3	3	20.99	20.89	20.91	22.50	2
		6	0	19.98	19.83	20.00	21.50	3
1.4	256-QAM	1	0	18.16	18.10	18.12	21.50	3
		1	2	18.25	18.06	18.18	21.50	3
		1	5	18.07	18.18	18.09	21.50	3
		3	0	18.18	18.10	18.10	21.50	3
		3	2	18.14	18.07	18.21	21.50	3
		3	3	18.08	18.14	18.14	21.50	3
		6	0	18.25	18.16	18.22	19.50	5

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				709	710	711		
Channel				23780	23790	23800		
10	QPSK	1	0	22.80	22.85	22.95	24.50	0
		1	25	22.64	22.64	22.81	24.50	0
		1	49	22.52	22.65	22.77	24.50	0
		25	0	21.74	21.78	21.82	23.50	1
		25	12	21.59	21.64	21.70	23.50	1
		25	25	21.57	21.78	21.87	23.50	1
		50	0	21.70	21.59	21.88	23.50	1
10	16-QAM	1	0	21.54	21.75	21.78	23.50	1
		1	25	21.66	21.78	21.91	23.50	1
		1	49	21.60	21.76	21.77	23.50	1
		25	0	20.70	20.60	20.72	22.50	2
		25	12	20.66	20.73	20.73	22.50	2
		25	25	20.62	20.64	20.87	22.50	2
		50	0	20.59	20.61	20.82	22.50	2
10	64-QAM	1	0	20.56	20.72	20.82	22.50	2
		1	25	20.77	20.81	20.75	22.50	2
		1	49	20.59	20.72	20.78	22.50	2
		25	0	19.71	19.72	19.76	21.50	3
		25	12	19.66	19.67	19.91	21.50	3
		25	25	19.65	19.71	19.87	21.50	3
		50	0	19.66	19.73	19.73	21.50	3
10	256-QAM	1	0	17.82	17.90	18.04	19.50	5
		1	25	17.82	17.94	17.91	19.50	5
		1	49	17.78	17.79	18.05	19.50	5
		25	0	17.85	17.95	18.13	19.50	5
		25	12	17.84	17.90	18.07	19.50	5
		25	25	17.85	17.90	18.04	19.50	5
		50	0	17.79	17.87	17.90	19.50	5

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	710	713.5		
Channel				23755	23790	23825		
5	QPSK	1	0	22.57	22.70	22.89	24.50	0
		1	12	22.53	22.72	22.74	24.50	0
		1	24	22.65	22.64	22.69	24.50	0
		12	0	21.55	21.65	21.81	23.50	1
		12	6	21.61	21.74	21.73	23.50	1
		12	13	21.63	21.58	21.79	23.50	1
		25	0	21.62	21.80	21.78	23.50	1
5	16-QAM	1	0	21.60	21.70	21.77	23.50	1
		1	12	21.63	21.75	21.79	23.50	1
		1	24	21.68	21.63	21.82	23.50	1
		12	0	20.64	20.64	20.91	22.50	2
		12	6	20.59	20.59	20.88	22.50	2
		12	13	20.68	20.65	20.80	22.50	2
		25	0	20.72	20.80	20.69	22.50	2
5	64-QAM	1	0	20.50	20.69	20.65	22.50	2
		1	12	20.62	20.76	20.69	22.50	2
		1	24	20.66	20.65	20.80	22.50	2
		12	0	19.63	19.64	19.76	21.50	3
		12	6	19.74	19.73	19.79	21.50	3
		12	13	19.64	19.70	19.73	21.50	3
		25	0	19.66	19.64	19.77	21.50	3
5	256-QAM	1	0	17.83	17.86	18.00	19.50	5
		1	12	17.76	17.83	17.97	19.50	5
		1	24	17.85	17.97	18.13	19.50	5
		12	0	17.84	17.88	18.01	19.50	5
		12	6	17.88	17.84	18.01	19.50	5
		12	13	17.82	17.92	18.00	19.50	5
		25	0	17.83	17.96	17.90	19.50	5

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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	23.75	22.92	23.23	24.50	0
		1	50	23.53	22.76	23.00	24.50	0
		1	99	23.55	22.72	23.03	24.50	0
		50	0	22.51	21.69	21.99	23.50	1
		50	25	22.60	21.85	22.08	23.50	1
		50	50	22.58	21.80	21.95	23.50	1
		100	0	22.56	21.75	21.99	23.50	1
20	16-QAM	1	0	22.45	21.66	21.88	23.50	1
		1	50	22.54	21.84	21.93	23.50	1
		1	99	22.49	21.90	22.04	23.50	1
		50	0	21.45	20.79	20.96	22.50	2
		50	25	21.53	20.77	21.19	22.50	2
		50	50	21.50	20.69	21.04	22.50	2
		100	0	21.58	20.76	21.05	22.50	2
20	64-QAM	1	0	21.58	20.82	20.85	22.50	2
		1	50	21.58	20.91	20.89	22.50	2
		1	99	21.58	20.81	21.06	22.50	2
		50	0	20.69	19.76	19.98	21.50	3
		50	25	20.46	19.74	20.05	21.50	3
		50	50	20.51	19.73	19.94	21.50	3
		100	0	20.54	19.94	19.89	21.50	3
20	256-QAM	1	0	18.59	17.63	17.93	21.50	3
		1	50	18.53	17.85	17.92	21.50	3
		1	99	18.33	17.75	17.94	21.50	3
		50	0	18.50	17.71	17.92	20.50	4
		50	25	18.36	17.70	17.81	20.50	4
		50	50	18.36	17.60	17.77	20.50	4
		100	0	18.37	17.70	17.91	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)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	23.71	22.91	23.22	24.50	0
		1	36	23.50	22.74	22.95	24.50	0
		1	74	23.51	22.71	23.00	24.50	0
		36	0	22.46	21.65	21.97	23.50	1
		36	18	22.57	21.84	22.04	23.50	1
		36	37	22.57	21.78	21.90	23.50	1
		75	0	22.54	21.70	21.96	23.50	1
15	16-QAM	1	0	22.40	21.62	21.83	23.50	1
		1	36	22.50	21.81	21.90	23.50	1
		1	74	22.46	21.87	22.00	23.50	1
		36	0	21.43	20.75	20.94	22.50	2
		36	18	21.49	20.76	21.18	22.50	2
		36	37	21.46	20.68	20.99	22.50	2
		75	0	21.57	20.72	21.04	22.50	2
15	64-QAM	1	0	21.54	20.80	20.81	22.50	2
		1	36	21.57	20.87	20.85	22.50	2
		1	74	21.57	20.77	21.02	22.50	2
		36	0	20.66	19.72	19.97	21.50	3
		36	18	20.41	19.69	20.04	21.50	3
		36	37	20.50	19.70	19.93	21.50	3
		75	0	20.50	19.90	19.87	21.50	3
15	256-QAM	1	0	18.55	17.58	17.88	21.50	3
		1	36	18.49	17.81	17.91	21.50	3
		1	74	18.31	17.72	17.92	21.50	3
		36	0	18.46	17.69	17.88	20.50	4
		36	18	18.34	17.68	17.76	20.50	4
		36	37	18.33	17.59	17.73	20.50	4
		75	0	18.35	17.69	17.88	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)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	23.71	22.90	23.22	24.50	0
		1	25	23.50	22.71	22.97	24.50	0
		1	49	23.50	22.69	22.99	24.50	0
		25	0	22.47	21.65	21.98	23.50	1
		25	12	22.58	21.81	22.06	23.50	1
		25	25	22.55	21.75	21.93	23.50	1
10	16-QAM	50	0	22.51	21.74	21.95	23.50	1
		1	0	22.42	21.65	21.85	23.50	1
		1	25	22.53	21.82	21.89	23.50	1
		1	49	22.46	21.85	22.03	23.50	1
		25	0	21.40	20.76	20.94	22.50	2
		25	12	21.50	20.73	21.15	22.50	2
10	64-QAM	25	25	21.45	20.66	21.03	22.50	2
		50	0	21.57	20.73	21.02	22.50	2
		1	0	21.55	20.79	20.81	22.50	2
		1	25	21.57	20.88	20.88	22.50	2
		1	49	21.57	20.77	21.04	22.50	2
		25	0	20.65	19.74	19.96	21.50	3
10	256-QAM	25	12	20.44	19.73	20.02	21.50	3
		25	25	20.48	19.71	19.90	21.50	3
		50	0	20.50	19.92	19.88	21.50	3
		1	0	18.55	17.60	17.88	21.50	3
		1	25	18.52	17.81	17.91	21.50	3
		1	49	18.31	17.71	17.92	21.50	3
10	256-QAM	25	0	18.45	17.67	17.91	20.50	4
		25	12	18.35	17.66	17.76	20.50	4
		25	25	18.33	17.58	17.76	20.50	4
		50	0	18.36	17.69	17.90	20.50	4

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LTE Band 25								
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Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	23.73	22.87	23.20	24.50	0
		1	12	23.48	22.71	22.99	24.50	0
		1	24	23.53	22.70	22.98	24.50	0
		12	0	22.50	21.64	21.96	23.50	1
		12	6	22.56	21.84	22.06	23.50	1
		12	13	22.55	21.75	21.91	23.50	1
		25	0	22.51	21.74	21.95	23.50	1
5	16-QAM	1	0	22.42	21.63	21.86	23.50	1
		1	12	22.51	21.82	21.88	23.50	1
		1	24	22.48	21.85	22.03	23.50	1
		12	0	21.42	20.76	20.93	22.50	2
		12	6	21.51	20.76	21.15	22.50	2
		12	13	21.46	20.64	21.01	22.50	2
		25	0	21.55	20.75	21.04	22.50	2
5	64-QAM	1	0	21.53	20.81	20.83	22.50	2
		1	12	21.53	20.89	20.86	22.50	2
		1	24	21.54	20.77	21.01	22.50	2
		12	0	20.68	19.72	19.93	21.50	3
		12	6	20.43	19.70	20.02	21.50	3
		12	13	20.46	19.68	19.90	21.50	3
		25	0	20.49	19.91	19.85	21.50	3
5	256-QAM	1	0	18.57	17.60	17.88	21.50	3
		1	12	18.51	17.80	17.87	21.50	3
		1	24	18.28	17.72	17.93	21.50	3
		12	0	18.46	17.66	17.87	20.50	4
		12	6	18.31	17.69	17.77	20.50	4
		12	13	18.31	17.57	17.74	20.50	4
		25	0	18.34	17.67	17.87	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)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	23.73	22.90	23.21	24.50	0
		1	7	23.48	22.75	22.95	24.50	0
		1	14	23.54	22.70	23.01	24.50	0
		8	0	22.46	21.65	21.94	23.50	1
		8	4	22.59	21.83	22.05	23.50	1
		8	7	22.53	21.79	21.92	23.50	1
		15	0	22.53	21.71	21.96	23.50	1
3	16-QAM	1	0	22.40	21.62	21.85	23.50	1
		1	7	22.53	21.79	21.89	23.50	1
		1	14	22.45	21.85	21.99	23.50	1
		8	0	21.41	20.78	20.91	22.50	2
		8	4	21.51	20.75	21.18	22.50	2
		8	7	21.49	20.67	21.01	22.50	2
		15	0	21.54	20.75	21.03	22.50	2
3	64-QAM	1	0	21.54	20.77	20.82	22.50	2
		1	7	21.56	20.90	20.85	22.50	2
		1	14	21.57	20.77	21.02	22.50	2
		8	0	20.66	19.73	19.93	21.50	3
		8	4	20.44	19.69	20.04	21.50	3
		8	7	20.47	19.71	19.92	21.50	3
		15	0	20.52	19.93	19.88	21.50	3
3	256-QAM	1	0	18.54	17.60	17.91	21.50	3
		1	7	18.48	17.83	17.87	21.50	3
		1	14	18.30	17.72	17.93	21.50	3
		8	0	18.49	17.67	17.88	20.50	4
		8	4	18.33	17.67	17.77	20.50	4
		8	7	18.33	17.58	17.74	20.50	4
		15	0	18.33	17.68	17.86	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)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	23.71	22.87	23.18	24.50	0
		1	2	23.51	22.74	22.96	24.50	0
		1	5	23.53	22.67	22.98	24.50	0
		3	0	22.46	21.66	21.98	24.50	0
		3	2	22.56	21.82	22.04	24.50	0
		3	3	22.54	21.76	21.93	24.50	0
		6	0	22.51	21.74	21.95	23.50	1
1.4	16-QAM	1	0	22.42	21.63	21.86	23.50	1
		1	2	22.52	21.80	21.91	23.50	1
		1	5	22.47	21.85	22.02	23.50	1
		3	0	21.40	20.77	20.94	23.50	1
		3	2	21.52	20.76	21.14	23.50	1
		3	3	21.45	20.66	20.99	23.50	1
		6	0	21.55	20.73	21.02	22.50	2
1.4	64-QAM	1	0	21.55	20.79	20.83	22.50	2
		1	2	21.56	20.87	20.85	22.50	2
		1	5	21.55	20.76	21.02	22.50	2
		3	0	20.65	19.75	19.97	22.50	2
		3	2	20.44	19.69	20.04	22.50	2
		3	3	20.49	19.72	19.91	22.50	2
		6	0	20.52	19.91	19.86	21.50	3
1.4	256-QAM	1	0	18.58	17.59	17.90	21.50	3
		1	2	18.52	17.83	17.91	21.50	3
		1	5	18.28	17.70	17.92	21.50	3
		3	0	18.45	17.66	17.89	21.50	3
		3	2	18.31	17.69	17.76	21.50	3
		3	3	18.35	17.57	17.76	21.50	3
		6	0	18.36	17.67	17.90	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)				821.5	831.5	841.5		
Channel				26765	26865	26965		
15	QPSK	1	0	23.31	23.24	23.25	24.50	0
		1	36	23.01	23.09	23.12	24.50	0
		1	74	23.02	22.99	23.08	24.50	0
		36	0	22.12	22.07	22.17	23.50	1
		36	18	22.11	22.20	22.12	23.50	1
		36	37	22.15	22.00	22.09	23.50	1
		75	0	22.17	22.03	22.07	23.50	1
15	16-QAM	1	0	22.11	21.99	22.11	23.50	1
		1	36	22.12	22.21	22.06	23.50	1
		1	74	22.09	22.16	22.13	23.50	1
		36	0	21.22	21.02	21.15	22.50	2
		36	18	21.08	21.04	21.15	22.50	2
		36	37	21.15	21.14	21.00	22.50	2
		75	0	21.15	21.09	21.11	22.50	2
15	64-QAM	1	0	21.17	21.04	21.08	22.50	2
		1	36	21.15	21.00	21.07	22.50	2
		1	74	21.14	21.09	21.13	22.50	2
		36	0	20.12	20.05	20.21	21.50	3
		36	18	20.15	20.12	20.18	21.50	3
		36	37	20.16	20.08	20.12	21.50	3
		75	0	20.05	20.03	20.04	21.50	3
15	256-QAM	1	0	18.34	18.22	18.35	19.50	5
		1	36	18.36	18.30	18.30	19.50	5
		1	74	18.33	18.20	18.16	19.50	5
		36	0	18.37	18.28	18.28	19.50	5
		36	18	18.47	18.23	18.29	19.50	5
		36	37	18.44	18.33	18.28	19.50	5
		75	0	18.21	18.34	18.34	19.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	23.01	23.08	23.06	24.50	0
		1	25	23.15	23.08	23.08	24.50	0
		1	49	23.20	23.04	23.08	24.50	0
		25	0	22.12	22.16	22.12	23.50	1
		25	12	22.14	22.09	21.97	23.50	1
		25	25	22.25	22.11	22.09	23.50	1
		50	0	22.11	22.14	21.99	23.50	1
10	16-QAM	1	0	22.09	22.14	22.02	23.50	1
		1	25	22.28	22.08	22.01	23.50	1
		1	49	22.22	22.02	22.07	23.50	1
		25	0	21.07	21.18	21.01	22.50	2
		25	12	21.12	21.15	21.06	22.50	2
		25	25	21.18	20.96	21.16	22.50	2
		50	0	21.12	21.11	21.16	22.50	2
10	64-QAM	1	0	21.12	21.06	21.09	22.50	2
		1	25	21.08	21.02	21.02	22.50	2
		1	49	21.12	21.11	21.12	22.50	2
		25	0	20.07	20.06	20.18	21.50	3
		25	12	20.19	20.09	20.15	21.50	3
		25	25	20.21	20.11	20.10	21.50	3
		50	0	20.17	20.18	19.98	21.50	3
10	256-QAM	1	0	18.46	18.23	18.18	19.50	5
		1	25	18.35	18.19	18.40	19.50	5
		1	49	18.43	18.28	18.36	19.50	5
		25	0	18.37	18.23	18.26	19.50	5
		25	12	18.43	18.30	18.39	19.50	5
		25	25	18.36	18.26	18.37	19.50	5
		50	0	18.35	18.34	18.30	19.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				26715	26865	27015		
5	QPSK	1	0	23.17	23.19	23.12	24.50	0
		1	12	23.25	23.12	23.05	24.50	0
		1	24	23.13	23.01	23.14	24.50	0
		12	0	22.20	22.15	22.01	23.50	1
		12	6	22.27	21.97	22.16	23.50	1
		12	13	22.13	22.08	22.16	23.50	1
		25	0	22.17	22.10	22.02	23.50	1
5	16-QAM	1	0	22.17	22.11	22.04	23.50	1
		1	12	22.12	22.10	22.10	23.50	1
		1	24	22.26	22.04	22.00	23.50	1
		12	0	21.16	21.04	21.11	22.50	2
		12	6	21.06	20.99	21.09	22.50	2
		12	13	21.18	21.03	21.07	22.50	2
		25	0	21.10	21.03	21.00	22.50	2
5	64-QAM	1	0	21.17	21.11	21.11	22.50	2
		1	12	21.26	20.99	21.12	22.50	2
		1	24	21.10	21.10	21.13	22.50	2
		12	0	20.07	20.00	20.10	21.50	3
		12	6	20.12	20.05	20.04	21.50	3
		12	13	20.14	20.02	20.00	21.50	3
		25	0	20.15	20.15	20.05	21.50	3
5	256-QAM	1	0	18.35	18.25	18.35	19.50	5
		1	12	18.32	18.18	18.24	19.50	5
		1	24	18.41	18.15	18.24	19.50	5
		12	0	18.37	18.23	18.22	19.50	5
		12	6	18.34	18.32	18.17	19.50	5
		12	13	18.42	18.22	18.29	19.50	5
		25	0	18.24	18.32	18.26	19.50	5

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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	23.21	23.06	23.09	24.50	0
		1	7	23.05	23.07	23.15	24.50	0
		1	14	23.12	23.09	23.09	24.50	0
		8	0	22.17	22.11	22.09	23.50	1
		8	4	22.18	22.08	22.18	23.50	1
		8	7	22.02	22.02	22.02	23.50	1
		15	0	22.13	22.11	22.07	23.50	1
3	16-QAM	1	0	22.21	22.12	22.14	23.50	1
		1	7	22.16	21.94	22.18	23.50	1
		1	14	22.05	22.03	22.06	23.50	1
		8	0	21.15	21.11	21.06	22.50	2
		8	4	21.07	21.03	21.18	22.50	2
		8	7	21.25	21.07	21.20	22.50	2
		15	0	21.20	21.17	21.18	22.50	2
3	64-QAM	1	0	21.19	21.08	20.98	22.50	2
		1	7	21.09	21.08	21.09	22.50	2
		1	14	21.19	21.15	21.16	22.50	2
		8	0	20.11	20.10	20.10	21.50	3
		8	4	20.20	20.05	20.14	21.50	3
		8	7	20.02	20.16	20.15	21.50	3
		15	0	20.14	20.01	20.12	21.50	3
3	256-QAM	1	0	18.32	18.30	18.30	19.50	5
		1	7	18.34	18.18	18.31	19.50	5
		1	14	18.35	18.35	18.31	19.50	5
		8	0	18.27	18.39	18.38	19.50	5
		8	4	18.34	18.24	18.31	19.50	5
		8	7	18.43	18.19	18.26	19.50	5
		15	0	18.30	18.25	18.30	19.50	5

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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	23.20	23.00	22.99	24.50	0
		1	2	23.12	23.08	23.11	24.50	0
		1	5	23.19	23.10	23.14	24.50	0
		3	0	23.04	23.05	22.99	24.50	0
		3	2	23.20	23.01	23.11	24.50	0
		3	3	23.22	23.06	23.15	24.50	0
		6	0	22.20	21.98	22.16	23.50	1
1.4	16-QAM	1	0	22.12	21.95	22.02	23.50	1
		1	2	22.18	22.20	22.13	23.50	1
		1	5	22.12	22.07	22.13	23.50	1
		3	0	22.03	22.08	22.08	23.50	1
		3	2	22.10	22.06	22.13	23.50	1
		3	3	22.07	22.10	22.04	23.50	1
		6	0	21.18	21.02	21.08	22.50	2
1.4	64-QAM	1	0	21.16	21.05	21.08	22.50	2
		1	2	21.12	21.18	21.10	22.50	2
		1	5	21.17	21.09	21.13	22.50	2
		3	0	21.27	21.10	21.08	22.50	2
		3	2	21.04	21.22	21.05	22.50	2
		3	3	21.17	21.11	20.99	22.50	2
		6	0	20.09	20.05	20.10	21.50	3
1.4	256-QAM	1	0	18.42	18.22	18.34	21.50	3
		1	2	18.31	18.34	18.40	21.50	3
		1	5	18.28	18.32	18.33	21.50	3
		3	0	18.22	18.31	18.33	21.50	3
		3	2	18.32	18.32	18.33	21.50	3
		3	3	18.37	18.30	18.40	21.50	3
		6	0	18.25	18.29	18.38	19.50	5

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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		22.65		24.50	0
		1	25		22.63		24.50	0
		1	49		22.64		24.50	0
		25	0		21.65		23.50	1
		25	12		21.70		23.50	1
		25	25		21.64		23.50	1
		50	0		21.61		23.50	1
10	16-QAM	1	0		21.70		23.50	1
		1	25		21.63		23.50	1
		1	49		21.65		23.50	1
		25	0		20.62		22.50	2
		25	12		20.67		22.50	2
		25	25		20.64		22.50	2
		50	0		20.63		22.50	2
10	64-QAM	1	0		20.70		22.50	2
		1	25		20.66		22.50	2
		1	49		20.61		22.50	2
		25	0		19.64		21.50	3
		25	12		19.70		21.50	3
		25	25		19.61		21.50	3
		50	0		19.61		21.50	3
10	256-QAM	1	0		17.63		19.50	5
		1	25		17.64		19.50	5
		1	49		17.69		19.50	5
		25	0		17.65		19.50	5
		25	12		17.69		19.50	5
		25	25		17.69		19.50	5
		50	0		17.63		19.50	5

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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	22.65	22.67	22.62	24.50	0
		1	12	22.64	22.64	22.61	24.50	0
		1	24	22.64	22.68	22.63	24.50	0
		12	0	21.61	21.62	21.65	23.50	1
		12	6	21.68	21.63	21.66	23.50	1
		12	13	21.69	21.63	21.63	23.50	1
		25	0	21.67	21.68	21.62	23.50	1
5	16-QAM	1	0	21.65	21.69	21.64	23.50	1
		1	12	21.65	21.67	21.64	23.50	1
		1	24	21.65	21.69	21.67	23.50	1
		12	0	20.69	20.70	20.69	22.50	2
		12	6	20.69	20.67	20.64	22.50	2
		12	13	20.70	20.69	20.62	22.50	2
		25	0	20.67	20.68	20.62	22.50	2
5	64-QAM	1	0	20.68	20.70	20.69	22.50	2
		1	12	20.69	20.61	20.63	22.50	2
		1	24	20.66	20.70	20.68	22.50	2
		12	0	19.62	19.70	19.64	21.50	3
		12	6	19.68	19.62	19.61	21.50	3
		12	13	19.62	19.61	19.67	21.50	3
		25	0	19.66	19.69	19.64	21.50	3
5	256-QAM	1	0	17.67	17.64	17.69	19.50	5
		1	12	17.69	17.61	17.62	19.50	5
		1	24	17.61	17.67	17.65	19.50	5
		12	0	17.64	17.68	17.67	19.50	5
		12	6	17.67	17.68	17.61	19.50	5
		12	13	17.69	17.67	17.68	19.50	5
		25	0	17.63	17.70	17.65	19.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	22.91	22.95	23.03	24.50	0
		1	50	22.73	22.79	22.89	24.50	0
		1	99	22.61	22.75	22.91	24.50	0
		50	0	21.66	21.88	21.96	23.50	1
		50	25	21.84	21.77	21.92	23.50	1
		50	50	21.67	21.80	21.90	23.50	1
20	16-QAM	100	0	21.67	21.82	21.96	23.50	1
		1	0	21.87	21.74	21.79	23.50	1
		1	50	21.74	21.73	21.88	23.50	1
		1	99	21.88	21.75	21.96	23.50	1
		50	0	20.71	20.84	20.95	22.50	2
		50	25	20.81	20.70	20.94	22.50	2
20	64-QAM	50	50	20.75	20.86	20.78	22.50	2
		100	0	20.70	20.77	20.75	22.50	2
		1	0	20.72	20.77	20.88	22.50	2
		1	50	20.87	20.79	20.97	22.50	2
		1	99	20.70	20.68	20.98	22.50	2
		50	0	19.80	19.77	19.88	21.50	3
20	256-QAM	50	25	19.75	19.73	19.85	21.50	3
		50	50	19.83	19.86	20.00	21.50	3
		100	0	19.84	19.73	19.90	21.50	3
		1	0	17.63	17.65	17.77	19.50	5
		1	50	17.76	17.77	17.83	19.50	5
		1	99	17.75	17.70	17.74	19.50	5
20	256-QAM	50	0	17.67	17.62	17.85	19.50	5
		50	25	17.56	17.68	17.80	19.50	5
		50	50	17.77	17.72	17.79	19.50	5
		100	0	17.56	17.74	17.85	19.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	22.74	22.82	22.89	24.50	0
		1	36	22.74	22.86	22.91	24.50	0
		1	74	22.71	22.80	22.75	24.50	0
		36	0	21.71	21.78	21.80	23.50	1
		36	18	21.73	21.72	21.87	23.50	1
		36	37	21.75	21.69	21.77	23.50	1
		75	0	21.73	21.83	21.89	23.50	1
15	16-QAM	1	0	21.71	21.73	21.79	23.50	1
		1	36	21.75	21.73	21.83	23.50	1
		1	74	21.81	21.87	21.96	23.50	1
		36	0	20.76	20.86	20.87	22.50	2
		36	18	20.72	20.77	20.81	22.50	2
		36	37	20.72	20.80	20.99	22.50	2
		75	0	20.82	20.70	20.90	22.50	2
15	64-QAM	1	0	20.87	20.83	20.97	22.50	2
		1	36	20.76	20.92	20.87	22.50	2
		1	74	20.78	20.71	20.82	22.50	2
		36	0	19.73	19.88	19.81	21.50	3
		36	18	19.72	19.75	19.91	21.50	3
		36	37	19.74	19.79	19.77	21.50	3
		75	0	19.74	19.70	19.85	21.50	3
15	256-QAM	1	0	17.58	17.68	17.79	19.50	5
		1	36	17.63	17.68	17.77	19.50	5
		1	74	17.69	17.73	17.79	19.50	5
		36	0	17.68	17.65	17.68	19.50	5
		36	18	17.65	17.65	17.84	19.50	5
		36	37	17.66	17.68	17.79	19.50	5
		75	0	17.61	17.68	17.83	19.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				132022	132322	132622		
10	QPSK	1	0	22.77	22.78	22.84	24.50	0
		1	25	22.73	22.80	22.86	24.50	0
		1	49	22.65	22.72	22.90	24.50	0
		25	0	21.82	21.79	21.82	23.50	1
		25	12	21.75	21.81	21.85	23.50	1
		25	25	21.79	21.85	21.93	23.50	1
		50	0	21.82	21.71	21.88	23.50	1
10	16-QAM	1	0	21.72	21.71	21.94	23.50	1
		1	25	21.67	21.72	22.00	23.50	1
		1	49	21.79	21.88	21.79	23.50	1
		25	0	20.67	20.71	20.84	22.50	2
		25	12	20.73	20.78	20.93	22.50	2
		25	25	20.77	20.69	20.97	22.50	2
		50	0	20.61	20.70	20.90	22.50	2
10	64-QAM	1	0	20.74	20.89	20.88	22.50	2
		1	25	20.80	20.76	20.91	22.50	2
		1	49	20.77	20.84	20.87	22.50	2
		25	0	19.80	19.77	19.89	21.50	3
		25	12	19.82	19.79	19.91	21.50	3
		25	25	19.77	19.78	19.73	21.50	3
		50	0	19.77	19.71	19.89	21.50	3
10	256-QAM	1	0	17.58	17.78	17.88	19.50	5
		1	25	17.71	17.66	17.78	19.50	5
		1	49	17.64	17.75	17.63	19.50	5
		25	0	17.62	17.66	17.90	19.50	5
		25	12	17.70	17.68	17.69	19.50	5
		25	25	17.63	17.78	17.64	19.50	5
		50	0	17.66	17.55	17.70	19.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	22.85	22.74	22.87	24.50	0
		1	12	22.79	22.78	22.76	24.50	0
		1	24	22.70	22.85	22.84	24.50	0
		12	0	21.85	21.77	21.91	23.50	1
		12	6	21.83	21.80	21.75	23.50	1
		12	13	21.76	21.83	21.86	23.50	1
		25	0	21.68	21.89	21.95	23.50	1
5	16-QAM	1	0	21.79	21.78	21.94	23.50	1
		1	12	21.70	21.79	21.88	23.50	1
		1	24	21.81	21.89	21.90	23.50	1
		12	0	20.64	20.82	20.90	22.50	2
		12	6	20.69	20.76	20.90	22.50	2
		12	13	20.78	20.78	20.80	22.50	2
		25	0	20.81	20.79	20.94	22.50	2
5	64-QAM	1	0	20.75	20.82	20.89	22.50	2
		1	12	20.77	20.72	20.84	22.50	2
		1	24	20.76	20.81	20.92	22.50	2
		12	0	19.73	19.76	19.85	21.50	3
		12	6	19.74	19.82	19.95	21.50	3
		12	13	19.83	19.91	19.83	21.50	3
		25	0	19.83	19.75	19.85	21.50	3
5	256-QAM	1	0	17.68	17.76	17.81	19.50	5
		1	12	17.62	17.67	17.79	19.50	5
		1	24	17.59	17.77	17.70	19.50	5
		12	0	17.64	17.63	17.69	19.50	5
		12	6	17.75	17.74	17.65	19.50	5
		12	13	17.69	17.70	17.76	19.50	5
		25	0	17.72	17.68	17.82	19.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	22.80	22.67	22.85	24.50	0
		1	7	22.70	22.82	22.97	24.50	0
		1	14	22.68	22.72	23.00	24.50	0
		8	0	21.76	21.79	21.91	23.50	1
		8	4	21.79	21.82	21.84	23.50	1
		8	7	21.70	21.73	21.76	23.50	1
		15	0	21.68	21.81	21.89	23.50	1
3	16-QAM	1	0	21.70	21.73	21.90	23.50	1
		1	7	21.72	21.77	21.88	23.50	1
		1	14	21.78	21.80	21.85	23.50	1
		8	0	20.78	20.83	20.83	22.50	2
		8	4	20.76	20.84	20.80	22.50	2
		8	7	20.65	20.85	20.75	22.50	2
		15	0	20.79	20.85	20.96	22.50	2
3	64-QAM	1	0	20.68	20.87	20.85	22.50	2
		1	7	20.74	20.81	20.89	22.50	2
		1	14	20.74	20.81	20.92	22.50	2
		8	0	19.68	19.86	19.85	21.50	3
		8	4	19.76	19.86	19.84	21.50	3
		8	7	19.72	19.75	19.84	21.50	3
		15	0	19.80	19.77	19.82	21.50	3
3	256-QAM	1	0	17.74	17.81	17.80	19.50	5
		1	7	17.71	17.72	17.69	19.50	5
		1	14	17.64	17.79	17.80	19.50	5
		8	0	17.68	17.64	17.73	19.50	5
		8	4	17.71	17.77	17.72	19.50	5
		8	7	17.70	17.76	17.87	19.50	5
		15	0	17.64	17.70	17.74	19.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1745	1779.3		
Channel				131979	132322	132665		
1.4	QPSK	1	0	22.86	22.75	22.88	24.50	0
		1	2	22.67	22.65	22.94	24.50	0
		1	5	22.64	22.78	22.84	24.50	0
		3	0	22.75	22.75	22.85	24.50	0
		3	2	22.77	22.76	22.85	24.50	0
		3	3	22.85	22.87	22.82	24.50	0
		6	0	21.83	21.88	21.87	23.50	1
1.4	16-QAM	1	0	21.74	21.73	21.89	23.50	1
		1	2	21.67	21.76	21.89	23.50	1
		1	5	21.77	21.83	21.80	23.50	1
		3	0	21.66	21.86	21.96	23.50	1
		3	2	21.79	21.76	21.87	23.50	1
		3	3	21.73	21.78	21.97	23.50	1
		6	0	20.72	20.87	20.82	22.50	2
1.4	64-QAM	1	0	20.80	20.70	20.90	22.50	2
		1	2	20.69	20.79	20.85	22.50	2
		1	5	20.64	20.79	20.80	22.50	2
		3	0	20.72	20.93	20.89	22.50	2
		3	2	20.69	20.71	20.85	22.50	2
		3	3	20.84	20.80	20.93	22.50	2
		6	0	19.83	19.82	19.90	21.50	3
1.4	256-QAM	1	0	17.59	17.60	17.74	21.50	3
		1	2	17.64	17.67	17.74	21.50	3
		1	5	17.66	17.69	17.79	21.50	3
		3	0	17.60	17.65	17.66	21.50	3
		3	2	17.64	17.80	17.85	21.50	3
		3	3	17.56	17.78	17.85	21.50	3
		6	0	17.55	17.58	17.67	19.50	5

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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	23.78	23.43	23.47	24.50	0
		1	50	23.63	23.21	23.35	24.50	0
		1	99	23.74	23.37	23.34	24.50	0
		50	0	22.57	22.39	22.25	23.50	1
		50	25	22.73	22.20	22.25	23.50	1
		50	50	22.69	22.30	22.24	23.50	1
		100	0	22.63	22.33	22.27	23.50	1
20	16-QAM	1	0	22.70	22.29	22.29	23.50	1
		1	50	22.53	22.33	22.29	23.50	1
		1	99	22.61	22.35	22.18	23.50	1
		50	0	21.57	21.25	21.40	22.50	2
		50	25	21.58	21.27	21.29	22.50	2
		50	50	21.64	21.23	21.27	22.50	2
		100	0	21.76	21.36	21.19	22.50	2
20	64-QAM	1	0	21.62	21.29	21.35	22.50	2
		1	50	21.63	21.16	21.24	22.50	2
		1	99	21.57	21.17	21.30	22.50	2
		50	0	20.59	20.23	20.30	21.50	3
		50	25	20.54	20.22	20.35	21.50	3
		50	50	20.64	20.34	20.32	21.50	3
		100	0	20.56	20.31	20.31	21.50	3
20	256-QAM	1	0	18.87	18.47	18.52	19.50	5
		1	50	18.93	18.53	18.47	19.50	5
		1	99	18.88	18.42	18.53	19.50	5
		50	0	18.85	18.55	18.52	19.50	5
		50	25	18.95	18.47	18.52	19.50	5
		50	50	18.85	18.41	18.55	19.50	5
		100	0	18.84	18.45	18.50	19.50	5

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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	23.60	23.26	23.30	24.50	0
		1	36	23.61	23.28	23.21	24.50	0
		1	74	23.69	23.33	23.35	24.50	0
		36	0	22.67	22.21	22.32	23.50	1
		36	18	22.58	22.23	22.35	23.50	1
		36	37	22.62	22.29	22.30	23.50	1
		75	0	22.73	22.30	22.40	23.50	1
15	16-QAM	1	0	22.57	22.18	22.34	23.50	1
		1	36	22.56	22.15	22.35	23.50	1
		1	74	22.59	22.35	22.37	23.50	1
		36	0	21.66	21.25	21.40	22.50	2
		36	18	21.61	21.20	21.38	22.50	2
		36	37	21.70	21.25	21.24	22.50	2
		75	0	21.60	21.32	21.29	22.50	2
15	64-QAM	1	0	21.54	21.24	21.35	22.50	2
		1	36	21.63	21.29	21.38	22.50	2
		1	74	21.65	21.31	21.25	22.50	2
		36	0	20.55	20.28	20.27	21.50	3
		36	18	20.63	20.22	20.24	21.50	3
		36	37	20.57	20.21	20.25	21.50	3
		75	0	20.74	20.29	20.30	21.50	3
15	256-QAM	1	0	18.81	18.56	18.50	19.50	5
		1	36	18.84	18.55	18.60	19.50	5
		1	74	18.84	18.41	18.53	19.50	5
		36	0	18.77	18.50	18.49	19.50	5
		36	18	18.88	18.56	18.43	19.50	5
		36	37	18.85	18.50	18.56	19.50	5
		75	0	18.73	18.45	18.54	19.50	5

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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	23.64	23.21	23.36	24.50	0
		1	25	23.58	23.24	23.24	24.50	0
		1	49	23.58	23.25	23.25	24.50	0
		25	0	22.64	22.14	22.27	23.50	1
		25	12	22.58	22.24	22.41	23.50	1
		25	25	22.50	22.28	22.34	23.50	1
		50	0	22.69	22.25	22.29	23.50	1
10	16-QAM	1	0	22.63	22.19	22.29	23.50	1
		1	25	22.56	22.19	22.37	23.50	1
		1	49	22.62	22.26	22.19	23.50	1
		25	0	21.59	21.29	21.28	22.50	2
		25	12	21.69	21.35	21.23	22.50	2
		25	25	21.60	21.26	21.32	22.50	2
		50	0	21.65	21.16	21.31	22.50	2
10	64-QAM	1	0	21.69	21.31	21.20	22.50	2
		1	25	21.51	21.28	21.41	22.50	2
		1	49	21.51	21.25	21.35	22.50	2
		25	0	20.74	20.39	20.26	21.50	3
		25	12	20.56	20.26	20.44	21.50	3
		25	25	20.57	20.26	20.36	21.50	3
		50	0	20.61	20.17	20.37	21.50	3
10	256-QAM	1	0	18.76	18.41	18.53	19.50	5
		1	25	18.87	18.43	18.51	19.50	5
		1	49	18.80	18.46	18.49	19.50	5
		25	0	18.94	18.42	18.42	19.50	5
		25	12	18.88	18.59	18.39	19.50	5
		25	25	18.75	18.37	18.57	19.50	5
		50	0	18.79	18.57	18.50	19.50	5

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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	23.59	23.23	23.29	24.50	0
		1	12	23.65	23.23	23.28	24.50	0
		1	24	23.66	23.37	23.30	24.50	0
		12	0	22.56	22.29	22.34	23.50	1
		12	6	22.53	22.20	22.36	23.50	1
		12	13	22.65	22.26	22.37	23.50	1
		25	0	22.54	22.20	22.27	23.50	1
5	16-QAM	1	0	22.53	22.38	22.25	23.50	1
		1	12	22.54	22.27	22.36	23.50	1
		1	24	22.62	22.13	22.40	23.50	1
		12	0	21.65	21.34	21.29	22.50	2
		12	6	21.51	21.18	21.41	22.50	2
		12	13	21.62	21.24	21.30	22.50	2
		25	0	21.61	21.24	21.23	22.50	2
5	64-QAM	1	0	21.61	21.30	21.33	22.50	2
		1	12	21.63	21.32	21.39	22.50	2
		1	24	21.58	21.35	21.34	22.50	2
		12	0	20.56	20.35	20.37	21.50	3
		12	6	20.73	20.27	20.32	21.50	3
		12	13	20.69	20.17	20.34	21.50	3
		25	0	20.58	20.36	20.20	21.50	3
5	256-QAM	1	0	18.80	18.51	18.51	19.50	5
		1	12	18.77	18.41	18.56	19.50	5
		1	24	18.78	18.45	18.51	19.50	5
		12	0	18.79	18.58	18.59	19.50	5
		12	6	18.80	18.56	18.49	19.50	5
		12	13	18.77	18.34	18.43	19.50	5
		25	0	18.90	18.46	18.58	19.50	5

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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	22.39	22.35	22.43	22.50	0
		1	25	22.15	22.17	22.25	22.50	0
		1	49	22.20	22.18	22.23	22.50	0
		25	0	21.31	21.21	21.37	21.50	1
		25	12	21.28	21.18	21.30	21.50	1
		25	25	21.36	21.05	21.19	21.50	1
		50	0	21.29	21.28	21.31	21.50	1
10	16-QAM	1	0	21.27	21.25	21.41	21.50	1
		1	25	21.33	21.23	21.26	21.50	1
		1	49	21.16	21.18	21.24	21.50	1
		25	0	20.31	20.12	20.23	20.50	2
		25	12	20.30	20.25	20.29	20.50	2
		25	25	20.32	20.23	20.25	20.50	2
		50	0	20.24	20.23	20.36	20.50	2
10	64-QAM	1	0	20.19	20.15	20.40	20.50	2
		1	25	20.24	20.10	20.31	20.50	2
		1	49	20.32	20.17	20.31	20.50	2
		25	0	19.19	19.23	19.29	19.50	3
		25	12	19.16	19.23	19.30	19.50	3
		25	25	19.28	19.16	19.34	19.50	3
		50	0	19.13	19.20	19.30	19.50	3
10	256-QAM	1	0	17.09	17.05	17.11	17.50	5
		1	25	17.14	17.06	17.08	17.50	5
		1	49	17.25	17.01	17.06	17.50	5
		25	0	17.20	17.08	17.21	17.50	5
		25	12	17.20	17.04	17.13	17.50	5
		25	25	17.17	17.13	17.15	17.50	5
		50	0	17.19	17.16	17.21	17.50	5

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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	22.30	22.30	22.24	22.50	0
		1	12	22.01	22.08	22.06	22.50	0
		1	24	22.03	22.10	22.02	22.50	0
		12	0	21.10	21.07	21.23	21.50	1
		12	6	21.25	21.13	21.25	21.50	1
		12	13	21.20	20.85	21.16	21.50	1
		25	0	21.23	21.26	21.15	21.50	1
5	16-QAM	1	0	21.18	21.15	21.39	21.50	1
		1	12	21.29	21.13	21.12	21.50	1
		1	24	21.00	20.99	21.07	21.50	1
		12	0	20.22	20.08	20.20	20.50	2
		12	6	20.10	20.16	20.20	20.50	2
		12	13	20.23	20.06	20.07	20.50	2
		25	0	20.22	20.12	20.15	20.50	2
5	64-QAM	1	0	20.07	19.96	20.29	20.50	2
		1	12	20.19	20.03	20.16	20.50	2
		1	24	20.22	20.01	20.29	20.50	2
		12	0	19.14	19.11	19.10	19.50	3
		12	6	19.11	19.21	19.25	19.50	3
		12	13	19.26	18.96	19.28	19.50	3
		25	0	19.09	19.11	19.15	19.50	3
5	256-QAM	1	0	16.89	17.02	16.99	17.50	5
		1	12	16.99	17.02	16.90	17.50	5
		1	24	17.15	16.96	17.00	17.50	5
		12	0	17.00	16.88	17.18	17.50	5
		12	6	17.10	16.99	16.94	17.50	5
		12	13	17.13	17.05	16.95	17.50	5
		25	0	17.08	17.00	17.00	17.50	5

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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	22.21	22.30	22.29	22.50	0
		1	7	22.02	22.09	22.07	22.50	0
		1	14	22.13	22.01	22.06	22.50	0
		8	0	21.16	21.01	21.22	21.50	1
		8	4	21.17	21.16	21.10	21.50	1
		8	7	21.23	20.91	21.04	21.50	1
		15	0	21.11	21.24	21.17	21.50	1
3	16-QAM	1	0	21.09	21.22	21.32	21.50	1
		1	7	21.18	21.05	21.14	21.50	1
		1	14	21.01	21.00	21.21	21.50	1
		8	0	20.20	19.98	20.05	20.50	2
		8	4	20.20	20.07	20.15	20.50	2
		8	7	20.18	20.16	20.06	20.50	2
		15	0	20.14	20.05	20.29	20.50	2
3	64-QAM	1	0	20.09	20.02	20.32	20.50	2
		1	7	20.18	20.06	20.26	20.50	2
		1	14	20.19	20.15	20.25	20.50	2
		8	0	18.99	19.17	19.13	19.50	3
		8	4	18.99	19.03	19.14	19.50	3
		8	7	19.24	19.14	19.21	19.50	3
		15	0	19.03	19.17	19.22	19.50	3
3	256-QAM	1	0	16.97	16.87	16.95	17.50	5
		1	7	17.07	16.87	17.02	17.50	5
		1	14	17.05	16.89	16.88	17.50	5
		8	0	17.18	17.01	17.15	17.50	5
		8	4	17.04	16.85	17.07	17.50	5
		8	7	17.12	17.01	17.07	17.50	5
		15	0	17.12	17.01	17.09	17.50	5

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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	22.28	22.22	22.26	22.50	0
		1	2	21.99	22.11	22.07	22.50	0
		1	5	22.12	22.08	22.13	22.50	0
		3	0	21.25	21.11	21.19	22.50	0
		3	2	21.21	21.01	21.22	22.50	0
		3	3	21.16	20.87	21.12	22.50	0
		6	0	21.18	21.14	21.29	21.50	1
1.4	16-QAM	1	0	21.07	21.22	21.34	21.50	1
		1	2	21.24	21.08	21.19	21.50	1
		1	5	21.08	21.10	21.21	21.50	1
		3	0	20.29	19.94	20.04	21.50	1
		3	2	20.17	20.09	20.08	21.50	1
		3	3	20.20	20.12	20.20	21.50	1
		6	0	20.11	20.16	20.32	20.50	2
1.4	64-QAM	1	0	20.08	19.98	20.21	20.50	2
		1	2	20.20	19.94	20.18	20.50	2
		1	5	20.30	19.99	20.29	20.50	2
		3	0	19.13	19.05	19.13	20.50	2
		3	2	19.10	19.14	19.20	20.50	2
		3	3	19.19	19.04	19.16	20.50	2
		6	0	18.99	19.12	19.16	19.50	3
1.4	256-QAM	1	0	16.96	16.99	16.93	19.50	3
		1	2	17.02	16.91	16.94	19.50	3
		1	5	17.21	16.89	16.85	19.50	3
		3	0	17.02	17.02	17.03	19.50	3
		3	2	17.02	16.91	17.08	19.50	3
		3	3	17.04	16.95	16.96	19.50	3
		6	0	17.10	17.02	17.13	17.50	5

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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	23.31	23.24	23.25	23.50	0
		1	36	23.01	23.09	23.12	23.50	0
		1	74	23.02	22.99	23.08	23.50	0
		36	0	22.12	22.07	22.17	22.50	1
		36	18	22.11	22.20	22.12	22.50	1
		36	37	22.15	22.00	22.09	22.50	1
		75	0	22.17	22.03	22.07	22.50	1
15	16-QAM	1	0	22.11	21.99	22.11	22.50	1
		1	36	22.12	22.21	22.06	22.50	1
		1	74	22.09	22.16	22.13	22.50	1
		36	0	21.22	21.02	21.15	21.50	2
		36	18	21.08	21.04	21.15	21.50	2
		36	37	21.15	21.14	21.00	21.50	2
		75	0	21.15	21.09	21.11	21.50	2
15	64-QAM	1	0	21.17	21.04	21.08	21.50	2
		1	36	21.15	21.00	21.07	21.50	2
		1	74	21.14	21.09	21.13	21.50	2
		36	0	20.12	20.05	20.21	20.50	3
		36	18	20.15	20.12	20.18	20.50	3
		36	37	20.16	20.08	20.12	20.50	3
		75	0	20.05	20.03	20.04	20.50	3
15	256-QAM	1	0	18.34	18.22	18.35	18.50	5
		1	36	18.36	18.30	18.30	18.50	5
		1	74	18.33	18.20	18.16	18.50	5
		36	0	18.37	18.28	18.28	18.50	5
		36	18	18.47	18.23	18.29	18.50	5
		36	37	18.44	18.33	18.28	18.50	5
		75	0	18.21	18.34	18.34	18.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	23.01	23.08	23.06	23.50	0
		1	25	23.15	23.08	23.08	23.50	0
		1	49	23.20	23.04	23.08	23.50	0
		25	0	22.12	22.16	22.12	22.50	1
		25	12	22.14	22.09	21.97	22.50	1
		25	25	22.25	22.11	22.09	22.50	1
		50	0	22.11	22.14	21.99	22.50	1
10	16-QAM	1	0	22.09	22.14	22.02	22.50	1
		1	25	22.28	22.08	22.01	22.50	1
		1	49	22.22	22.02	22.07	22.50	1
		25	0	21.07	21.18	21.01	21.50	2
		25	12	21.12	21.15	21.06	21.50	2
		25	25	21.18	20.96	21.16	21.50	2
		50	0	21.12	21.11	21.16	21.50	2
10	64-QAM	1	0	21.12	21.06	21.09	21.50	2
		1	25	21.08	21.02	21.02	21.50	2
		1	49	21.12	21.11	21.12	21.50	2
		25	0	20.07	20.06	20.18	20.50	3
		25	12	20.19	20.09	20.15	20.50	3
		25	25	20.21	20.11	20.10	20.50	3
		50	0	20.17	20.18	19.98	20.50	3
10	256-QAM	1	0	18.46	18.23	18.18	18.50	5
		1	25	18.35	18.19	18.40	18.50	5
		1	49	18.43	18.28	18.36	18.50	5
		25	0	18.37	18.23	18.26	18.50	5
		25	12	18.43	18.30	18.39	18.50	5
		25	25	18.36	18.26	18.37	18.50	5
		50	0	18.35	18.34	18.30	18.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				26715	26865	27015		
5	QPSK	1	0	23.17	23.19	23.12	23.50	0
		1	12	23.25	23.12	23.05	23.50	0
		1	24	23.13	23.01	23.14	23.50	0
		12	0	22.20	22.15	22.01	22.50	1
		12	6	22.27	21.97	22.16	22.50	1
		12	13	22.13	22.08	22.16	22.50	1
		25	0	22.17	22.10	22.02	22.50	1
5	16-QAM	1	0	22.17	22.11	22.04	22.50	1
		1	12	22.12	22.10	22.10	22.50	1
		1	24	22.26	22.04	22.00	22.50	1
		12	0	21.16	21.04	21.11	21.50	2
		12	6	21.06	20.99	21.09	21.50	2
		12	13	21.18	21.03	21.07	21.50	2
		25	0	21.10	21.03	21.00	21.50	2
5	64-QAM	1	0	21.17	21.11	21.11	21.50	2
		1	12	21.26	20.99	21.12	21.50	2
		1	24	21.10	21.10	21.13	21.50	2
		12	0	20.07	20.00	20.10	20.50	3
		12	6	20.12	20.05	20.04	20.50	3
		12	13	20.14	20.02	20.00	20.50	3
		25	0	20.15	20.15	20.05	20.50	3
5	256-QAM	1	0	18.35	18.25	18.35	18.50	5
		1	12	18.32	18.18	18.24	18.50	5
		1	24	18.41	18.15	18.24	18.50	5
		12	0	18.37	18.23	18.22	18.50	5
		12	6	18.34	18.32	18.17	18.50	5
		12	13	18.42	18.22	18.29	18.50	5
		25	0	18.24	18.32	18.26	18.50	5

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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	23.21	23.06	23.09	23.50	0
		1	7	23.05	23.07	23.15	23.50	0
		1	14	23.12	23.09	23.09	23.50	0
		8	0	22.17	22.11	22.09	22.50	1
		8	4	22.18	22.08	22.18	22.50	1
		8	7	22.02	22.02	22.02	22.50	1
		15	0	22.13	22.11	22.07	22.50	1
3	16-QAM	1	0	22.21	22.12	22.14	22.50	1
		1	7	22.16	21.94	22.18	22.50	1
		1	14	22.05	22.03	22.06	22.50	1
		8	0	21.15	21.11	21.06	21.50	2
		8	4	21.07	21.03	21.18	21.50	2
		8	7	21.25	21.07	21.20	21.50	2
		15	0	21.20	21.17	21.18	21.50	2
3	64-QAM	1	0	21.19	21.08	20.98	21.50	2
		1	7	21.09	21.08	21.09	21.50	2
		1	14	21.19	21.15	21.16	21.50	2
		8	0	20.11	20.10	20.10	20.50	3
		8	4	20.20	20.05	20.14	20.50	3
		8	7	20.02	20.16	20.15	20.50	3
		15	0	20.14	20.01	20.12	20.50	3
3	256-QAM	1	0	18.32	18.30	18.30	18.50	5
		1	7	18.34	18.18	18.31	18.50	5
		1	14	18.35	18.35	18.31	18.50	5
		8	0	18.27	18.39	18.38	18.50	5
		8	4	18.34	18.24	18.31	18.50	5
		8	7	18.43	18.19	18.26	18.50	5
		15	0	18.30	18.25	18.30	18.50	5

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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	23.20	23.00	22.99	23.50	0
		1	2	23.12	23.08	23.11	23.50	0
		1	5	23.19	23.10	23.14	23.50	0
		3	0	23.04	23.05	22.99	23.50	0
		3	2	23.20	23.01	23.11	23.50	0
		3	3	23.22	23.06	23.15	23.50	0
		6	0	22.20	21.98	22.16	22.50	1
1.4	16-QAM	1	0	22.12	21.95	22.02	22.50	1
		1	2	22.18	22.20	22.13	22.50	1
		1	5	22.12	22.07	22.13	22.50	1
		3	0	22.03	22.08	22.08	22.50	1
		3	2	22.10	22.06	22.13	22.50	1
		3	3	22.07	22.10	22.04	22.50	1
		6	0	21.18	21.02	21.08	21.50	2
1.4	64-QAM	1	0	21.16	21.05	21.08	21.50	2
		1	2	21.12	21.18	21.10	21.50	2
		1	5	21.17	21.09	21.13	21.50	2
		3	0	21.27	21.10	21.08	21.50	2
		3	2	21.04	21.22	21.05	21.50	2
		3	3	21.17	21.11	20.99	21.50	2
		6	0	20.09	20.05	20.10	20.50	3
1.4	256-QAM	1	0	18.42	18.22	18.34	20.50	3
		1	2	18.31	18.34	18.40	20.50	3
		1	5	18.28	18.32	18.33	20.50	3
		3	0	18.22	18.31	18.33	20.50	3
		3	2	18.32	18.32	18.33	20.50	3
		3	3	18.37	18.30	18.40	20.50	3
		6	0	18.25	18.29	18.38	18.50	5

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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	19.43	19.36	19.48	19.50	0
		1	25	19.44	19.32	19.32	19.50	0
		1	49	19.27	19.30	19.34	19.50	0
		25	0	18.39	18.41	18.26	18.50	1
		25	12	18.37	18.32	18.47	18.50	1
		25	25	18.29	18.38	18.30	18.50	1
		50	0	18.35	18.45	18.30	18.50	1
10	16-QAM	1	0	18.28	18.42	18.34	18.50	1
		1	25	18.40	18.36	18.38	18.50	1
		1	49	18.44	18.31	18.41	18.50	1
		25	0	17.30	17.33	17.39	17.50	2
		25	12	17.27	17.41	17.42	17.50	2
		25	25	17.38	17.37	17.36	17.50	2
		50	0	17.39	17.44	17.44	17.50	2
10	64-QAM	1	0	17.43	17.36	17.27	17.50	2
		1	25	17.36	17.39	17.44	17.50	2
		1	49	17.32	17.37	17.31	17.50	2
		25	0	16.31	16.31	16.27	16.50	3
		25	12	16.33	16.27	16.44	16.50	3
		25	25	16.39	16.38	16.39	16.50	3
		50	0	16.41	16.39	16.41	16.50	3
10	256-QAM	1	0	14.38	14.42	14.32	14.50	5
		1	25	14.40	14.45	14.35	14.50	5
		1	49	14.43	14.32	14.37	14.50	5
		25	0	14.30	14.35	14.26	14.50	5
		25	12	14.29	14.37	14.37	14.50	5
		25	25	14.28	14.42	14.34	14.50	5
		50	0	14.39	14.32	14.31	14.50	5

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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	19.30	19.28	19.41	19.50	0
		1	12	19.43	19.33	19.33	19.50	0
		1	24	19.38	19.45	19.27	19.50	0
		12	0	18.43	18.31	18.28	18.50	1
		12	6	18.45	18.39	18.44	18.50	1
		12	13	18.26	18.37	18.44	18.50	1
		25	0	18.40	18.31	18.43	18.50	1
5	16-QAM	1	0	18.32	18.36	18.31	18.50	1
		1	12	18.27	18.27	18.30	18.50	1
		1	24	18.27	18.31	18.30	18.50	1
		12	0	17.30	17.42	17.45	17.50	2
		12	6	17.33	17.37	17.40	17.50	2
		12	13	17.42	17.36	17.29	17.50	2
		25	0	17.39	17.37	17.27	17.50	2
5	64-QAM	1	0	17.45	17.32	17.32	17.50	2
		1	12	17.31	17.40	17.38	17.50	2
		1	24	17.39	17.42	17.43	17.50	2
		12	0	16.40	16.37	16.28	16.50	3
		12	6	16.34	16.45	16.38	16.50	3
		12	13	16.45	16.34	16.32	16.50	3
		25	0	16.28	16.41	16.27	16.50	3
5	256-QAM	1	0	14.31	14.39	14.31	14.50	5
		1	12	14.31	14.38	14.41	14.50	5
		1	24	14.45	14.31	14.38	14.50	5
		12	0	14.38	14.42	14.29	14.50	5
		12	6	14.44	14.38	14.39	14.50	5
		12	13	14.40	14.40	14.40	14.50	5
		25	0	14.38	14.26	14.30	14.50	5

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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	19.32	19.34	19.33	19.50	0
		1	7	19.42	19.27	19.32	19.50	0
		1	14	19.30	19.39	19.45	19.50	0
		8	0	18.41	18.43	18.26	18.50	1
		8	4	18.40	18.38	18.45	18.50	1
		8	7	18.28	18.39	18.28	18.50	1
		15	0	18.34	18.26	18.40	18.50	1
3	16-QAM	1	0	18.44	18.29	18.45	18.50	1
		1	7	18.33	18.28	18.32	18.50	1
		1	14	18.28	18.42	18.27	18.50	1
		8	0	17.37	17.45	17.34	17.50	2
		8	4	17.44	17.40	17.34	17.50	2
		8	7	17.29	17.42	17.45	17.50	2
		15	0	17.26	17.44	17.38	17.50	2
3	64-QAM	1	0	17.43	17.42	17.29	17.50	2
		1	7	17.35	17.33	17.38	17.50	2
		1	14	17.38	17.45	17.34	17.50	2
		8	0	16.41	16.33	16.30	16.50	3
		8	4	16.35	16.45	16.26	16.50	3
		8	7	16.34	16.34	16.30	16.50	3
		15	0	16.36	16.42	16.30	16.50	3
3	256-QAM	1	0	14.28	14.34	14.27	14.50	5
		1	7	14.42	14.29	14.41	14.50	5
		1	14	14.36	14.29	14.34	14.50	5
		8	0	14.42	14.34	14.44	14.50	5
		8	4	14.44	14.27	14.37	14.50	5
		8	7	14.29	14.40	14.37	14.50	5
		15	0	14.36	14.33	14.37	14.50	5

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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	19.26	19.26	19.39	19.50	0
		1	2	19.30	19.40	19.39	19.50	0
		1	5	19.27	19.37	19.39	19.50	0
		3	0	19.27	19.26	19.32	19.50	0
		3	2	19.43	19.29	19.30	19.50	0
		3	3	19.31	19.36	19.40	19.50	0
1.4	16-QAM	6	0	18.28	18.28	18.32	18.50	1
		1	0	18.40	18.28	18.26	18.50	1
		1	2	18.29	18.37	18.35	18.50	1
		1	5	18.45	18.28	18.26	18.50	1
		3	0	18.32	18.45	18.37	18.50	1
		3	2	18.41	18.31	18.44	18.50	1
1.4	64-QAM	3	3	18.39	18.45	18.35	18.50	1
		6	0	17.42	17.28	17.38	17.50	2
		1	0	17.42	17.42	17.36	17.50	2
		1	2	17.27	17.35	17.43	17.50	2
		1	5	17.26	17.45	17.31	17.50	2
		3	0	17.31	17.30	17.35	17.50	2
1.4	256-QAM	3	2	17.27	17.42	17.40	17.50	2
		3	3	17.44	17.32	17.33	17.50	2
		6	0	16.38	16.27	16.38	16.50	3
		1	0	16.31	16.41	16.27	16.50	3
		1	2	16.43	16.42	16.43	16.50	3
		1	5	16.40	16.35	16.41	16.50	3
1.4	256-QAM	3	0	16.38	16.26	16.29	16.50	3
		3	2	16.44	16.45	16.44	16.50	3
		3	3	16.41	16.30	16.40	16.50	3
		6	0	14.44	14.34	14.29	14.50	5

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				709	710	711		
Channel				23780	23790	23800		
10	QPSK	1	0	22.80	22.85	22.95	23.50	0
		1	25	22.64	22.64	22.81	23.50	0
		1	49	22.52	22.65	22.77	23.50	0
		25	0	21.74	21.78	21.82	22.50	1
		25	12	21.59	21.64	21.70	22.50	1
		25	25	21.57	21.78	21.87	22.50	1
		50	0	21.70	21.59	21.88	22.50	1
10	16-QAM	1	0	21.54	21.75	21.78	22.50	1
		1	25	21.66	21.78	21.91	22.50	1
		1	49	21.60	21.76	21.77	22.50	1
		25	0	20.70	20.60	20.72	21.50	2
		25	12	20.66	20.73	20.73	21.50	2
		25	25	20.62	20.64	20.87	21.50	2
		50	0	20.59	20.61	20.82	21.50	2
10	64-QAM	1	0	20.56	20.72	20.82	21.50	2
		1	25	20.77	20.81	20.75	21.50	2
		1	49	20.59	20.72	20.78	21.50	2
		25	0	19.71	19.72	19.76	20.50	3
		25	12	19.66	19.67	19.91	20.50	3
		25	25	19.65	19.71	19.87	20.50	3
		50	0	19.66	19.73	19.73	20.50	3
10	256-QAM	1	0	17.82	17.90	18.04	18.50	5
		1	25	17.82	17.94	17.91	18.50	5
		1	49	17.78	17.79	18.05	18.50	5
		25	0	17.85	17.95	18.13	18.50	5
		25	12	17.84	17.90	18.07	18.50	5
		25	25	17.85	17.90	18.04	18.50	5
		50	0	17.79	17.87	17.90	18.50	5

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LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	710	713.5		
Channel				23755	23790	23825		
5	QPSK	1	0	22.57	22.70	22.89	23.50	0
		1	12	22.53	22.72	22.74	23.50	0
		1	24	22.65	22.64	22.69	23.50	0
		12	0	21.55	21.65	21.81	22.50	1
		12	6	21.61	21.74	21.73	22.50	1
		12	13	21.63	21.58	21.79	22.50	1
		25	0	21.62	21.80	21.78	22.50	1
5	16-QAM	1	0	21.60	21.70	21.77	22.50	1
		1	12	21.63	21.75	21.79	22.50	1
		1	24	21.68	21.63	21.82	22.50	1
		12	0	20.64	20.64	20.91	21.50	2
		12	6	20.59	20.59	20.88	21.50	2
		12	13	20.68	20.65	20.80	21.50	2
		25	0	20.72	20.80	20.69	21.50	2
5	64-QAM	1	0	20.50	20.69	20.65	21.50	2
		1	12	20.62	20.76	20.69	21.50	2
		1	24	20.66	20.65	20.80	21.50	2
		12	0	19.63	19.64	19.76	20.50	3
		12	6	19.74	19.73	19.79	20.50	3
		12	13	19.64	19.70	19.73	20.50	3
		25	0	19.66	19.64	19.77	20.50	3
5	256-QAM	1	0	17.83	17.86	18.00	18.50	5
		1	12	17.76	17.83	17.97	18.50	5
		1	24	17.85	17.97	18.13	18.50	5
		12	0	17.84	17.88	18.01	18.50	5
		12	6	17.88	17.84	18.01	18.50	5
		12	13	17.82	17.92	18.00	18.50	5
		25	0	17.83	17.96	17.90	18.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				821.5	831.5	841.5		
Channel				26765	26865	26965		
15	QPSK	1	0	22.40	22.24	22.31	22.50	0
		1	36	22.08	22.18	22.19	22.50	0
		1	74	22.06	22.02	22.13	22.50	0
		36	0	21.17	21.07	21.21	21.50	1
		36	18	21.16	21.22	21.13	21.50	1
		36	37	21.18	21.06	21.17	21.50	1
		75	0	21.20	21.10	21.08	21.50	1
15	16-QAM	1	0	21.11	21.02	21.12	21.50	1
		1	36	21.19	21.28	21.13	21.50	1
		1	74	21.12	21.25	21.22	21.50	1
		36	0	20.23	20.09	20.18	20.50	2
		36	18	20.09	20.13	20.23	20.50	2
		36	37	20.21	20.23	20.04	20.50	2
		75	0	20.18	20.12	20.14	20.50	2
15	64-QAM	1	0	20.19	20.04	20.10	20.50	2
		1	36	20.24	20.06	20.08	20.50	2
		1	74	20.17	20.12	20.18	20.50	2
		36	0	19.17	19.11	19.28	19.50	3
		36	18	19.20	19.17	19.21	19.50	3
		36	37	19.25	19.15	19.19	19.50	3
		75	0	19.14	19.03	19.13	19.50	3
15	256-QAM	1	0	17.37	17.30	17.35	17.50	5
		1	36	17.40	17.35	17.39	17.50	5
		1	74	17.34	17.26	17.24	17.50	5
		36	0	17.39	17.34	17.32	17.50	5
		36	18	17.49	17.32	17.38	17.50	5
		36	37	17.45	17.39	17.37	17.50	5
		75	0	17.22	17.42	17.37	17.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	22.34	22.19	22.20	22.50	0
		1	25	21.94	22.10	22.13	22.50	0
		1	49	21.97	21.94	22.07	22.50	0
		25	0	21.04	20.93	21.08	21.50	1
		25	12	21.02	21.16	21.06	21.50	1
		25	25	21.06	20.92	21.09	21.50	1
		50	0	21.09	21.02	21.03	21.50	1
10	16-QAM	1	0	21.05	20.88	21.03	21.50	1
		1	25	21.10	21.15	21.07	21.50	1
		1	49	21.07	21.19	21.11	21.50	1
		25	0	20.17	19.98	20.09	20.50	2
		25	12	19.98	20.03	20.17	20.50	2
		25	25	20.11	20.16	19.93	20.50	2
		50	0	20.09	20.02	20.02	20.50	2
10	64-QAM	1	0	20.13	19.95	19.97	20.50	2
		1	25	20.18	19.98	20.02	20.50	2
		1	49	20.03	19.99	20.10	20.50	2
		25	0	19.05	19.01	19.22	19.50	3
		25	12	19.15	19.05	19.15	19.50	3
		25	25	19.20	19.09	19.07	19.50	3
		50	0	19.02	18.96	19.02	19.50	3
10	256-QAM	1	0	17.26	17.16	17.30	17.50	5
		1	25	17.33	17.21	17.30	17.50	5
		1	49	17.28	17.17	17.10	17.50	5
		25	0	17.34	17.23	17.25	17.50	5
		25	12	17.44	17.24	17.30	17.50	5
		25	25	17.33	17.30	17.28	17.50	5
		50	0	17.11	17.32	17.25	17.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				26715	26865	27015		
5	QPSK	1	0	22.30	22.16	22.26	22.50	0
		1	12	21.95	22.06	22.12	22.50	0
		1	24	21.98	21.92	22.06	22.50	0
		12	0	21.07	20.93	21.10	21.50	1
		12	6	21.02	21.17	21.06	21.50	1
		12	13	21.12	20.95	21.08	21.50	1
		25	0	21.14	21.01	20.99	21.50	1
5	16-QAM	1	0	20.97	20.95	21.01	21.50	1
		1	12	21.08	21.19	21.05	21.50	1
		1	24	21.07	21.19	21.08	21.50	1
		12	0	20.10	19.96	20.04	20.50	2
		12	6	19.96	20.05	20.10	20.50	2
		12	13	20.09	20.09	19.98	20.50	2
		25	0	20.06	20.00	20.06	20.50	2
5	64-QAM	1	0	20.08	19.93	20.05	20.50	2
		1	12	20.14	19.96	19.94	20.50	2
		1	24	20.08	20.03	20.11	20.50	2
		12	0	19.05	19.04	19.15	19.50	3
		12	6	19.06	19.09	19.11	19.50	3
		12	13	19.13	19.04	19.09	19.50	3
		25	0	19.05	18.98	19.04	19.50	3
5	256-QAM	1	0	17.24	17.20	17.28	17.50	5
		1	12	17.33	17.23	17.27	17.50	5
		1	24	17.27	17.17	17.11	17.50	5
		12	0	17.32	17.26	17.25	17.50	5
		12	6	17.41	17.25	17.30	17.50	5
		12	13	17.39	17.33	17.30	17.50	5
		25	0	17.17	17.33	17.27	17.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				815.5	831.5	847.5		
Channel				26705	26865	27025		
3	QPSK	1	0	22.31	22.10	22.17	22.50	0
		1	7	21.94	22.04	22.11	22.50	0
		1	14	21.95	21.88	21.99	22.50	0
		8	0	21.11	21.02	21.11	21.50	1
		8	4	21.02	21.11	21.08	21.50	1
		8	7	21.12	20.95	21.04	21.50	1
		15	0	21.11	21.03	21.03	21.50	1
3	16-QAM	1	0	20.99	20.97	21.02	21.50	1
		1	7	21.12	21.17	21.01	21.50	1
		1	14	21.00	21.13	21.15	21.50	1
		8	0	20.17	19.96	20.09	20.50	2
		8	4	19.96	20.08	20.18	20.50	2
		8	7	20.07	20.15	19.91	20.50	2
		15	0	20.07	20.07	20.03	20.50	2
3	64-QAM	1	0	20.09	19.94	20.03	20.50	2
		1	7	20.19	20.00	19.99	20.50	2
		1	14	20.10	20.00	20.08	20.50	2
		8	0	19.07	19.04	19.17	19.50	3
		8	4	19.09	19.09	19.08	19.50	3
		8	7	19.15	19.01	19.09	19.50	3
		15	0	19.03	18.95	19.06	19.50	3
3	256-QAM	1	0	17.32	17.22	17.24	17.50	5
		1	7	17.27	17.25	17.33	17.50	5
		1	14	17.27	17.19	17.10	17.50	5
		8	0	17.29	17.23	17.24	17.50	5
		8	4	17.39	17.25	17.32	17.50	5
		8	7	17.39	17.32	17.30	17.50	5
		15	0	17.08	17.35	17.23	17.50	5

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LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				814.7	831.5	848.3		
Channel				26697	26865	27033		
1.4	QPSK	1	0	22.32	22.15	22.17	22.50	0
		1	2	22.01	22.08	22.10	22.50	0
		1	5	21.99	21.94	22.04	22.50	0
		3	0	21.06	20.98	21.12	22.50	0
		3	2	21.03	21.15	21.05	22.50	0
		3	3	21.09	20.97	21.09	22.50	0
		6	0	21.11	20.96	21.03	21.50	1
1.4	16-QAM	1	0	21.06	20.92	21.02	21.50	1
		1	2	21.05	21.16	21.06	21.50	1
		1	5	20.98	21.14	21.14	21.50	1
		3	0	20.18	19.97	20.06	21.50	1
		3	2	20.03	20.00	20.17	21.50	1
		3	3	20.10	20.15	19.97	21.50	1
		6	0	20.04	20.07	20.05	20.50	2
1.4	64-QAM	1	0	20.11	19.99	20.04	20.50	2
		1	2	20.12	19.93	20.02	20.50	2
		1	5	20.03	20.06	20.12	20.50	2
		3	0	19.12	19.02	19.23	20.50	2
		3	2	19.11	19.11	19.12	20.50	2
		3	3	19.12	19.05	19.10	20.50	2
		6	0	19.01	18.95	19.03	19.50	3
1.4	256-QAM	1	0	17.27	17.25	17.24	19.50	3
		1	2	17.30	17.29	17.34	19.50	3
		1	5	17.29	17.14	17.14	19.50	3
		3	0	17.33	17.28	17.23	19.50	3
		3	2	17.40	17.23	17.25	19.50	3
		3	3	17.32	17.26	17.25	19.50	3
		6	0	17.13	17.31	17.24	17.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	22.74	22.78	22.88	24.50	0
		1	50	22.61	22.72	22.77	24.50	0
		1	99	22.55	22.61	22.70	24.50	0
		50	0	21.57	21.50	21.62	23.50	1
		50	25	21.57	21.55	21.76	23.50	1
		50	50	21.53	21.69	21.72	23.50	1
		100	0	21.54	21.69	21.69	23.50	1
20	16-QAM	1	0	21.52	21.60	21.62	23.50	1
		1	50	21.61	21.67	21.85	23.50	1
		1	99	21.65	21.52	21.65	23.50	1
		50	0	20.60	20.63	20.65	22.50	2
		50	25	20.59	20.72	20.82	22.50	2
		50	50	20.69	20.63	20.67	22.50	2
		100	0	20.59	20.67	20.69	22.50	2
20	64-QAM	1	0	20.61	20.69	20.63	22.50	2
		1	50	20.60	20.65	20.66	22.50	2
		1	99	20.60	20.69	20.83	22.50	2
		50	0	19.63	19.57	19.68	21.50	3
		50	25	19.50	19.56	19.66	21.50	3
		50	50	19.63	19.57	19.73	21.50	3
		100	0	19.62	19.67	19.68	21.50	3
20	256-QAM	1	0	17.86	17.93	17.99	19.50	5
		1	50	17.68	17.79	17.95	19.50	5
		1	99	17.73	17.83	17.98	19.50	5
		50	0	17.85	17.78	17.86	19.50	5
		50	25	17.73	17.78	17.95	19.50	5
		50	50	17.67	17.91	17.92	19.50	5
		100	0	17.80	17.76	17.89	19.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				18675	18900	19125		
15	QPSK	1	0	22.50	22.52	22.69	24.50	0
		1	36	22.60	22.62	22.67	24.50	0
		1	74	22.60	22.62	22.78	24.50	0
		36	0	21.63	21.61	21.64	23.50	1
		36	18	21.50	21.62	21.81	23.50	1
		36	37	21.57	21.68	21.76	23.50	1
		75	0	21.50	21.67	21.71	23.50	1
15	16-QAM	1	0	21.54	21.61	21.61	23.50	1
		1	36	21.51	21.61	21.81	23.50	1
		1	74	21.65	21.72	21.71	23.50	1
		36	0	20.66	20.59	20.72	22.50	2
		36	18	20.51	20.55	20.73	22.50	2
		36	37	20.58	20.64	20.76	22.50	2
		75	0	20.66	20.62	20.75	22.50	2
15	64-QAM	1	0	20.58	20.63	20.79	22.50	2
		1	36	20.65	20.60	20.61	22.50	2
		1	74	20.60	20.63	20.73	22.50	2
		36	0	19.59	19.66	19.68	21.50	3
		36	18	19.56	19.62	19.72	21.50	3
		36	37	19.56	19.57	19.81	21.50	3
		75	0	19.62	19.58	19.66	21.50	3
15	256-QAM	1	0	17.80	17.85	17.94	19.50	5
		1	36	17.79	17.82	17.87	19.50	5
		1	74	17.86	17.81	17.94	19.50	5
		36	0	17.84	17.75	17.82	19.50	5
		36	18	17.78	17.89	18.01	19.50	5
		36	37	17.77	17.80	18.01	19.50	5
		75	0	17.89	17.80	17.80	19.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				18650	18900	19150		
10	QPSK	1	0	22.57	22.57	22.74	24.50	0
		1	25	22.53	22.60	22.78	24.50	0
		1	49	22.51	22.60	22.73	24.50	0
		25	0	21.50	21.66	21.76	23.50	1
		25	12	21.59	21.67	21.71	23.50	1
		25	25	21.57	21.64	21.72	23.50	1
		50	0	21.61	21.60	21.72	23.50	1
10	16-QAM	1	0	21.50	21.74	21.71	23.50	1
		1	25	21.64	21.57	21.71	23.50	1
		1	49	21.55	21.56	21.66	23.50	1
		25	0	20.55	20.66	20.76	22.50	2
		25	12	20.63	20.63	20.63	22.50	2
		25	25	20.50	20.50	20.69	22.50	2
		50	0	20.51	20.62	20.70	22.50	2
10	64-QAM	1	0	20.57	20.62	20.77	22.50	2
		1	25	20.53	20.55	20.81	22.50	2
		1	49	20.60	20.73	20.85	22.50	2
		25	0	19.66	19.62	19.77	21.50	3
		25	12	19.56	19.53	19.77	21.50	3
		25	25	19.58	19.59	19.81	21.50	3
		50	0	19.55	19.64	19.77	21.50	3
10	256-QAM	1	0	17.75	17.79	17.95	19.50	5
		1	25	17.80	17.81	17.98	19.50	5
		1	49	17.81	17.75	17.93	19.50	5
		25	0	17.87	17.81	17.93	19.50	5
		25	12	17.75	17.83	17.94	19.50	5
		25	25	17.83	17.83	18.00	19.50	5
		50	0	17.79	17.80	17.99	19.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				18625	18900	19175		
5	QPSK	1	0	22.52	22.67	22.70	24.50	0
		1	12	22.63	22.62	22.72	24.50	0
		1	24	22.56	22.66	22.62	24.50	0
		12	0	21.59	21.50	21.61	23.50	1
		12	6	21.58	21.56	21.65	23.50	1
		12	13	21.57	21.62	21.63	23.50	1
		25	0	21.67	21.59	21.83	23.50	1
5	16-QAM	1	0	21.50	21.65	21.82	23.50	1
		1	12	21.62	21.63	21.70	23.50	1
		1	24	21.56	21.61	21.68	23.50	1
		12	0	20.53	20.62	20.68	22.50	2
		12	6	20.59	20.73	20.74	22.50	2
		12	13	20.63	20.66	20.67	22.50	2
		25	0	20.57	20.67	20.62	22.50	2
5	64-QAM	1	0	20.58	20.61	20.73	22.50	2
		1	12	20.64	20.65	20.66	22.50	2
		1	24	20.70	20.70	20.66	22.50	2
		12	0	19.58	19.54	19.66	21.50	3
		12	6	19.57	19.57	19.76	21.50	3
		12	13	19.60	19.74	19.73	21.50	3
		25	0	19.59	19.54	19.76	21.50	3
5	256-QAM	1	0	17.75	17.85	17.93	19.50	5
		1	12	17.76	17.89	17.91	19.50	5
		1	24	17.81	17.79	18.01	19.50	5
		12	0	17.81	17.83	17.99	19.50	5
		12	6	17.77	17.87	18.05	19.50	5
		12	13	17.90	17.76	17.85	19.50	5
		25	0	17.74	17.87	17.97	19.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	22.63	22.70	22.70	24.50	0
		1	7	22.53	22.57	22.63	24.50	0
		1	14	22.64	22.65	22.71	24.50	0
		8	0	21.67	21.64	21.73	23.50	1
		8	4	21.52	21.58	21.69	23.50	1
		8	7	21.57	21.61	21.83	23.50	1
		15	0	21.63	21.66	21.73	23.50	1
3	16-QAM	1	0	21.56	21.59	21.78	23.50	1
		1	7	21.52	21.63	21.70	23.50	1
		1	14	21.59	21.67	21.70	23.50	1
		8	0	20.66	20.66	20.68	22.50	2
		8	4	20.52	20.53	20.75	22.50	2
		8	7	20.65	20.64	20.71	22.50	2
		15	0	20.53	20.63	20.71	22.50	2
3	64-QAM	1	0	20.53	20.51	20.72	22.50	2
		1	7	20.51	20.75	20.86	22.50	2
		1	14	20.72	20.69	20.64	22.50	2
		8	0	19.52	19.59	19.67	21.50	3
		8	4	19.50	19.69	19.72	21.50	3
		8	7	19.55	19.51	19.70	21.50	3
		15	0	19.64	19.67	19.60	21.50	3
3	256-QAM	1	0	17.69	17.74	18.03	19.50	5
		1	7	17.80	17.89	17.85	19.50	5
		1	14	17.75	17.87	17.93	19.50	5
		8	0	17.79	17.87	17.94	19.50	5
		8	4	17.80	17.77	17.99	19.50	5
		8	7	17.73	17.84	17.92	19.50	5
		15	0	17.89	17.92	17.93	19.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	22.60	22.65	22.83	24.50	0
		1	2	22.65	22.61	22.65	24.50	0
		1	5	22.50	22.54	22.67	24.50	0
		3	0	22.59	22.72	22.78	24.50	0
		3	2	22.50	22.64	22.70	24.50	0
		3	3	22.63	22.65	22.67	24.50	0
1.4	16-QAM	6	0	21.72	21.64	21.64	23.50	1
		1	0	21.58	21.60	21.75	23.50	1
		1	2	21.70	21.61	21.64	23.50	1
		1	5	21.60	21.71	21.80	23.50	1
		3	0	21.60	21.54	21.78	23.50	1
		3	2	21.69	21.70	21.81	23.50	1
1.4	64-QAM	3	3	21.52	21.55	21.76	23.50	1
		6	0	20.61	20.69	20.71	22.50	2
		1	0	20.50	20.63	20.68	22.50	2
		1	2	20.70	20.57	20.66	22.50	2
		1	5	20.56	20.71	20.71	22.50	2
		3	0	20.67	20.65	20.73	22.50	2
1.4	256-QAM	3	2	20.62	20.54	20.76	22.50	2
		3	3	20.56	20.54	20.66	22.50	2
		6	0	19.58	19.57	19.76	21.50	3
		1	0	17.71	17.75	17.95	21.50	3
		1	2	17.83	17.86	17.93	21.50	3
		1	5	17.85	17.90	17.79	21.50	3
1.4	256-QAM	3	0	17.70	17.84	17.92	21.50	3
		3	2	17.73	17.78	17.94	21.50	3
		3	3	17.88	17.75	17.87	21.50	3
		6	0	17.81	17.85	17.84	19.50	5

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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	23.14	23.53	23.03	24.50	0
		1	50	23.04	23.35	22.96	24.50	0
		1	99	23.04	23.36	22.89	24.50	0
		50	0	21.99	22.41	21.92	23.50	1
		50	25	21.88	22.36	21.90	23.50	1
		50	50	21.98	22.27	21.81	23.50	1
		100	0	22.10	22.35	21.88	23.50	1
20	16-QAM	1	0	21.92	22.36	21.91	23.50	1
		1	50	21.98	22.29	21.82	23.50	1
		1	99	22.11	22.37	21.75	23.50	1
		50	0	20.97	21.26	20.81	22.50	2
		50	25	20.98	21.40	20.91	22.50	2
		50	50	20.99	21.43	20.83	22.50	2
		100	0	21.05	21.45	20.84	22.50	2
20	64-QAM	1	0	20.97	21.30	20.95	22.50	2
		1	50	20.89	21.32	20.95	22.50	2
		1	99	20.94	21.35	20.92	22.50	2
		50	0	19.90	20.44	19.77	21.50	3
		50	25	20.10	20.29	19.88	21.50	3
		50	50	19.99	20.42	19.85	21.50	3
		100	0	19.90	20.47	19.86	21.50	3
20	256-QAM	1	0	18.17	18.60	18.04	19.50	5
		1	50	18.07	18.51	18.10	19.50	5
		1	99	18.06	18.55	18.12	19.50	5
		50	0	18.21	18.65	18.12	19.50	5
		50	25	18.21	18.67	18.07	19.50	5
		50	50	18.16	18.54	18.07	19.50	5
		100	0	18.19	18.63	18.09	19.50	5

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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	23.02	23.40	22.79	24.50	0
		1	36	23.10	23.38	22.86	24.50	0
		1	74	22.90	23.33	22.87	24.50	0
		36	0	22.88	23.30	22.85	23.50	1
		36	18	23.05	23.38	22.85	23.50	1
		36	37	22.92	23.45	22.98	23.50	1
		75	0	21.89	22.33	21.88	23.50	1
15	16-QAM	1	0	22.06	22.38	21.90	23.50	1
		1	36	21.94	22.26	21.97	23.50	1
		1	74	22.11	22.34	21.80	23.50	1
		36	0	22.02	22.34	21.79	22.50	2
		36	18	21.92	22.41	21.90	22.50	2
		36	37	21.94	22.40	21.93	22.50	2
		75	0	20.97	21.33	20.95	22.50	2
15	64-QAM	1	0	20.91	21.47	20.86	22.50	2
		1	36	21.00	21.37	20.88	22.50	2
		1	74	21.02	21.31	20.93	22.50	2
		36	0	20.99	21.40	20.87	21.50	3
		36	18	20.96	21.35	20.95	21.50	3
		36	37	20.96	21.45	20.88	21.50	3
		75	0	19.93	20.44	19.93	21.50	3
15	256-QAM	1	0	18.14	18.52	18.16	19.50	5
		1	36	18.21	18.69	18.07	19.50	5
		1	74	18.27	18.66	18.09	19.50	5
		36	0	18.16	18.65	18.18	19.50	5
		36	18	18.26	18.57	18.11	19.50	5
		36	37	18.12	18.65	18.13	19.50	5
		75	0	18.09	18.57	18.15	19.50	5

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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	23.09	23.40	22.98	24.50	0
		1	25	22.89	23.32	22.77	24.50	0
		1	49	23.02	23.39	22.87	24.50	0
		25	0	23.05	23.24	22.88	23.50	1
		25	12	22.90	23.49	22.99	23.50	1
		25	25	23.08	23.47	22.86	23.50	1
		50	0	21.97	22.32	21.85	23.50	1
10	16-QAM	1	0	22.09	22.29	21.81	23.50	1
		1	25	21.99	22.46	21.87	23.50	1
		1	49	21.93	22.27	21.86	23.50	1
		25	0	21.99	22.29	21.87	22.50	2
		25	12	21.95	22.28	21.90	22.50	2
		25	25	22.05	22.29	21.96	22.50	2
		50	0	21.03	21.37	20.83	22.50	2
10	64-QAM	1	0	20.91	21.27	20.92	22.50	2
		1	25	21.09	21.29	20.83	22.50	2
		1	49	21.04	21.34	20.76	22.50	2
		25	0	20.98	21.34	20.98	21.50	3
		25	12	20.97	21.41	20.80	21.50	3
		25	25	20.99	21.29	20.88	21.50	3
		50	0	19.90	20.25	19.74	21.50	3
10	256-QAM	1	0	18.27	18.62	18.08	19.50	5
		1	25	18.10	18.51	18.11	19.50	5
		1	49	18.04	18.65	18.03	19.50	5
		25	0	18.14	18.60	18.16	19.50	5
		25	12	18.12	18.55	18.09	19.50	5
		25	25	18.20	18.64	18.03	19.50	5
		50	0	18.12	18.49	18.15	19.50	5

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	22.90	23.34	22.87	24.50	0
		1	12	22.97	23.31	22.99	24.50	0
		1	24	23.02	23.46	22.93	24.50	0
		12	0	22.99	23.36	22.78	23.50	1
		12	6	23.05	23.39	22.86	23.50	1
		12	13	22.91	23.36	22.94	23.50	1
		25	0	22.05	22.47	21.89	23.50	1
5	16-QAM	1	0	22.03	22.40	21.90	23.50	1
		1	12	22.01	22.38	21.84	23.50	1
		1	24	21.94	22.37	21.80	23.50	1
		12	0	21.92	22.40	21.89	22.50	2
		12	6	22.02	22.30	21.81	22.50	2
		12	13	22.00	22.36	21.92	22.50	2
		25	0	20.97	21.49	20.76	22.50	2
5	64-QAM	1	0	20.98	21.26	20.87	22.50	2
		1	12	20.96	21.45	20.88	22.50	2
		1	24	20.98	21.34	20.90	22.50	2
		12	0	21.04	21.39	20.85	21.50	3
		12	6	21.02	21.42	20.93	21.50	3
		12	13	20.99	21.37	20.87	21.50	3
		25	0	20.09	20.41	19.88	21.50	3
5	256-QAM	1	0	18.15	18.59	17.98	19.50	5
		1	12	18.27	18.68	18.12	19.50	5
		1	24	18.27	18.64	18.17	19.50	5
		12	0	18.13	18.54	18.11	19.50	5
		12	6	18.13	18.62	18.07	19.50	5
		12	13	18.30	18.67	18.12	19.50	5
		25	0	18.19	18.59	18.08	19.50	5

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	22.98	23.43	22.87	24.50	0
		1	7	22.96	23.38	22.82	24.50	0
		1	14	22.91	23.39	22.87	24.50	0
		8	0	22.91	23.40	22.82	23.50	1
		8	4	22.93	23.33	22.87	23.50	1
		8	7	23.06	23.40	22.85	23.50	1
		15	0	21.99	22.37	21.95	23.50	1
3	16-QAM	1	0	21.85	22.28	21.90	23.50	1
		1	7	21.97	22.44	21.98	23.50	1
		1	14	22.05	22.32	21.76	23.50	1
		8	0	21.91	22.32	21.78	22.50	2
		8	4	22.09	22.46	21.80	22.50	2
		8	7	21.91	22.37	21.85	22.50	2
		15	0	20.97	21.49	20.76	22.50	2
3	64-QAM	1	0	21.01	21.37	20.99	22.50	2
		1	7	20.98	21.33	20.86	22.50	2
		1	14	20.98	21.25	20.78	22.50	2
		8	0	21.11	21.42	20.90	21.50	3
		8	4	21.03	21.36	20.82	21.50	3
		8	7	20.99	21.38	20.82	21.50	3
		15	0	20.09	20.30	19.89	21.50	3
3	256-QAM	1	0	18.18	18.66	18.07	19.50	5
		1	7	18.17	18.49	18.07	19.50	5
		1	14	18.17	18.61	17.94	19.50	5
		8	0	18.15	18.60	17.94	19.50	5
		8	4	18.17	18.47	17.95	19.50	5
		8	7	18.24	18.66	18.08	19.50	5
		15	0	18.23	18.62	18.01	19.50	5

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	22.95	23.48	22.85	24.50	0
		1	2	22.89	23.47	22.78	24.50	0
		1	5	22.99	23.28	22.82	24.50	0
		3	0	23.02	23.44	22.76	24.50	0
		3	2	22.98	23.51	22.89	24.50	0
		3	3	23.10	23.40	22.91	24.50	0
1.4	16-QAM	6	0	21.99	22.36	21.78	23.50	1
		1	0	21.99	22.37	21.88	23.50	1
		1	2	21.88	22.39	21.84	23.50	1
		1	5	22.03	22.33	21.81	23.50	1
		3	0	21.90	22.35	21.94	23.50	1
		3	2	21.97	22.30	21.82	23.50	1
1.4	64-QAM	3	3	21.95	22.49	21.84	23.50	1
		6	0	21.01	21.38	20.86	22.50	2
		1	0	20.96	21.37	20.81	22.50	2
		1	2	21.01	21.45	20.91	22.50	2
		1	5	20.97	21.50	20.89	22.50	2
		3	0	20.97	21.26	20.77	22.50	2
1.4	256-QAM	3	2	20.95	21.42	20.94	22.50	2
		3	3	20.90	21.45	20.83	22.50	2
		6	0	20.02	20.37	19.78	21.50	3
		1	0	18.20	18.45	18.19	21.50	3
		1	2	18.09	18.49	18.06	21.50	3
		1	5	18.22	18.53	18.08	21.50	3
1.4	256-QAM	3	0	18.25	18.55	18.09	21.50	3
		3	2	18.06	18.60	18.04	21.50	3
		3	3	18.18	18.62	17.98	21.50	3
		6	0	18.24	18.50	18.04	19.50	5

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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	23.73	23.55	23.59	24.50	0
		1	50	23.44	23.39	23.46	24.50	0
		1	99	23.61	23.36	23.43	24.50	0
		50	0	22.61	22.32	22.39	23.50	1
		50	25	22.52	22.37	22.51	23.50	1
		50	50	22.63	22.38	22.37	23.50	1
		100	0	22.56	22.41	22.43	23.50	1
20	16-QAM	1	0	22.57	22.50	22.55	23.50	1
		1	50	22.54	22.40	22.43	23.50	1
		1	99	22.49	22.48	22.56	23.50	1
		50	0	21.63	21.37	21.50	22.50	2
		50	25	21.56	21.50	21.50	22.50	2
		50	50	21.58	21.41	21.37	22.50	2
		100	0	21.48	21.40	21.46	22.50	2
20	64-QAM	1	0	21.54	21.30	21.45	22.50	2
		1	50	21.55	21.44	21.50	22.50	2
		1	99	21.60	21.28	21.49	22.50	2
		50	0	20.62	20.44	20.44	21.50	3
		50	25	20.47	20.47	20.37	21.50	3
		50	50	20.61	20.48	20.47	21.50	3
		100	0	20.69	20.37	20.50	21.50	3
20	256-QAM	1	0	18.84	18.62	18.53	19.50	5
		1	50	18.81	18.70	18.65	19.50	5
		1	99	18.85	18.51	18.60	19.50	5
		50	0	18.79	18.64	18.70	19.50	5
		50	25	18.80	18.51	18.65	19.50	5
		50	50	18.83	18.61	18.70	19.50	5
		100	0	18.73	18.58	18.53	19.50	5

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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	23.55	23.36	23.37	24.50	0
		1	36	23.65	23.46	23.54	24.50	0
		1	74	23.58	23.30	23.54	24.50	0
		36	0	22.48	22.34	22.34	23.50	1
		36	18	22.59	22.30	22.48	23.50	1
		36	37	22.68	22.33	22.49	23.50	1
		75	0	22.56	22.36	22.50	23.50	1
15	16-QAM	1	0	22.56	22.43	22.38	23.50	1
		1	36	22.53	22.33	22.39	23.50	1
		1	74	22.56	22.38	22.48	23.50	1
		36	0	21.60	21.30	21.47	22.50	2
		36	18	21.54	21.31	21.30	22.50	2
		36	37	21.54	21.38	21.52	22.50	2
		75	0	21.57	21.43	21.39	22.50	2
15	64-QAM	1	0	21.63	21.37	21.45	22.50	2
		1	36	21.62	21.40	21.49	22.50	2
		1	74	21.54	21.45	21.45	22.50	2
		36	0	20.53	20.33	20.44	21.50	3
		36	18	20.61	20.41	20.47	21.50	3
		36	37	20.54	20.32	20.47	21.50	3
		75	0	20.51	20.45	20.44	21.50	3
15	256-QAM	1	0	18.78	18.65	18.65	19.50	5
		1	36	18.70	18.55	18.66	19.50	5
		1	74	18.83	18.65	18.58	19.50	5
		36	0	18.79	18.70	18.62	19.50	5
		36	18	18.75	18.70	18.72	19.50	5
		36	37	18.66	18.60	18.70	19.50	5
		75	0	18.79	18.47	18.59	19.50	5

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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	23.47	23.37	23.42	24.50	0
		1	25	23.46	23.45	23.50	24.50	0
		1	49	23.62	23.38	23.51	24.50	0
		25	0	22.45	22.41	22.36	23.50	1
		25	12	22.50	22.52	22.45	23.50	1
		25	25	22.50	22.42	22.41	23.50	1
		50	0	22.55	22.43	22.48	23.50	1
10	16-QAM	1	0	22.56	22.44	22.54	23.50	1
		1	25	22.65	22.37	22.46	23.50	1
		1	49	22.57	22.37	22.47	23.50	1
		25	0	21.64	21.39	21.44	22.50	2
		25	12	21.59	21.32	21.40	22.50	2
		25	25	21.58	21.27	21.38	22.50	2
		50	0	21.54	21.40	21.43	22.50	2
10	64-QAM	1	0	21.47	21.50	21.47	22.50	2
		1	25	21.68	21.34	21.46	22.50	2
		1	49	21.53	21.33	21.44	22.50	2
		25	0	20.53	20.38	20.38	21.50	3
		25	12	20.59	20.38	20.43	21.50	3
		25	25	20.51	20.39	20.41	21.50	3
		50	0	20.64	20.39	20.41	21.50	3
10	256-QAM	1	0	18.86	18.60	18.55	19.50	5
		1	25	18.80	18.53	18.66	19.50	5
		1	49	18.67	18.49	18.67	19.50	5
		25	0	18.82	18.65	18.60	19.50	5
		25	12	18.67	18.54	18.56	19.50	5
		25	25	18.80	18.54	18.74	19.50	5
		50	0	18.86	18.66	18.65	19.50	5

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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	23.59	23.28	23.44	24.50	0
		1	12	23.52	23.34	23.39	24.50	0
		1	24	23.65	23.44	23.33	24.50	0
		12	0	22.57	22.35	22.48	23.50	1
		12	6	22.53	22.42	22.46	23.50	1
		12	13	22.62	22.45	22.40	23.50	1
		25	0	22.56	22.44	22.44	23.50	1
5	16-QAM	1	0	22.59	22.49	22.46	23.50	1
		1	12	22.53	22.48	22.36	23.50	1
		1	24	22.47	22.43	22.48	23.50	1
		12	0	21.59	21.34	21.37	22.50	2
		12	6	21.53	21.39	21.46	22.50	2
		12	13	21.60	21.45	21.42	22.50	2
		25	0	21.51	21.37	21.34	22.50	2
5	64-QAM	1	0	21.58	21.43	21.42	22.50	2
		1	12	21.54	21.38	21.55	22.50	2
		1	24	21.56	21.38	21.48	22.50	2
		12	0	20.54	20.36	20.38	21.50	3
		12	6	20.46	20.36	20.39	21.50	3
		12	13	20.58	20.49	20.47	21.50	3
		25	0	20.63	20.41	20.48	21.50	3
5	256-QAM	1	0	18.72	18.58	18.52	19.50	5
		1	12	18.71	18.64	18.64	19.50	5
		1	24	18.72	18.72	18.55	19.50	5
		12	0	18.71	18.54	18.61	19.50	5
		12	6	18.86	18.56	18.57	19.50	5
		12	13	18.79	18.60	18.66	19.50	5
		25	0	18.69	18.66	18.58	19.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	22.84	22.91	23.02	24.50	0
		1	50	22.63	22.65	22.81	24.50	0
		1	99	22.63	22.73	22.96	24.50	0
		50	0	21.62	21.77	21.84	23.50	1
		50	25	21.54	21.72	21.91	23.50	1
		50	50	21.65	21.76	21.91	23.50	1
20	16-QAM	100	0	21.69	21.76	21.90	23.50	1
		1	0	21.61	21.80	21.84	23.50	1
		1	50	21.71	21.74	21.86	23.50	1
		1	99	21.70	21.67	21.88	23.50	1
		50	0	20.56	20.68	20.85	22.50	2
		50	25	20.66	20.63	20.91	22.50	2
20	64-QAM	50	50	20.54	20.85	20.74	22.50	2
		100	0	20.69	20.79	20.96	22.50	2
		1	0	20.76	20.87	20.86	22.50	2
		1	50	20.74	20.74	20.93	22.50	2
		1	99	20.66	20.75	20.91	22.50	2
		50	0	19.63	19.82	19.87	21.50	3
20	256-QAM	50	25	19.67	19.73	19.89	21.50	3
		50	50	19.67	19.74	19.84	21.50	3
		100	0	19.63	19.82	19.78	21.50	3
		1	0	17.93	17.95	18.07	19.50	5
		1	50	17.93	18.04	17.95	19.50	5
		1	99	17.95	17.95	18.07	19.50	5
20	256-QAM	50	0	17.82	18.04	18.17	19.50	5
		50	25	17.93	17.92	17.98	19.50	5
		50	50	17.83	18.03	18.03	19.50	5
		100	0	17.84	18.00	18.05	19.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	22.77	22.76	22.90	24.50	0
		1	36	22.77	22.81	22.83	24.50	0
		1	74	22.64	22.80	22.79	24.50	0
		36	0	21.59	21.77	21.82	23.50	1
		36	18	21.69	21.76	21.84	23.50	1
		36	37	21.67	21.67	21.85	23.50	1
		75	0	21.77	21.72	21.85	23.50	1
15	16-QAM	1	0	21.60	21.71	21.84	23.50	1
		1	36	21.69	21.73	21.90	23.50	1
		1	74	21.72	21.79	21.78	23.50	1
		36	0	20.67	20.69	20.90	22.50	2
		36	18	20.64	20.69	20.90	22.50	2
		36	37	20.67	20.81	20.80	22.50	2
		75	0	20.70	20.84	20.88	22.50	2
15	64-QAM	1	0	20.81	20.72	20.83	22.50	2
		1	36	20.65	20.74	20.79	22.50	2
		1	74	20.81	20.71	20.87	22.50	2
		36	0	19.75	19.67	19.74	21.50	3
		36	18	19.69	19.65	19.85	21.50	3
		36	37	19.69	19.73	19.84	21.50	3
		75	0	19.76	19.63	19.88	21.50	3
15	256-QAM	1	0	17.95	17.93	18.10	19.50	5
		1	36	17.93	17.95	18.02	19.50	5
		1	74	17.87	18.02	18.00	19.50	5
		36	0	17.84	17.93	18.10	19.50	5
		36	18	17.97	17.97	17.97	19.50	5
		36	37	17.81	17.97	18.15	19.50	5
		75	0	17.88	17.93	18.05	19.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	22.66	22.68	22.93	24.50	0
		1	25	22.63	22.66	22.86	24.50	0
		1	49	22.66	22.63	22.91	24.50	0
		25	0	21.72	21.72	21.92	23.50	1
		25	12	21.56	21.81	21.85	23.50	1
		25	25	21.68	21.81	21.94	23.50	1
		50	0	21.73	21.79	21.95	23.50	1
10	16-QAM	1	0	21.79	21.81	21.88	23.50	1
		1	25	21.64	21.73	21.80	23.50	1
		1	49	21.72	21.70	21.92	23.50	1
		25	0	20.73	20.67	20.96	22.50	2
		25	12	20.71	20.67	20.80	22.50	2
		25	25	20.72	20.75	20.92	22.50	2
		50	0	20.65	20.75	20.81	22.50	2
10	64-QAM	1	0	20.56	20.68	20.93	22.50	2
		1	25	20.65	20.69	20.81	22.50	2
		1	49	20.67	20.82	20.97	22.50	2
		25	0	19.81	19.73	19.84	21.50	3
		25	12	19.69	19.73	19.95	21.50	3
		25	25	19.55	19.83	19.84	21.50	3
		50	0	19.70	19.75	19.91	21.50	3
10	256-QAM	1	0	17.92	17.89	18.07	19.50	5
		1	25	17.86	17.93	18.03	19.50	5
		1	49	17.95	17.83	18.00	19.50	5
		25	0	17.88	17.91	18.02	19.50	5
		25	12	17.83	18.05	18.05	19.50	5
		25	25	17.85	18.00	17.96	19.50	5
		50	0	17.87	17.94	18.10	19.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	22.63	22.65	22.88	24.50	0
		1	12	22.71	22.72	22.85	24.50	0
		1	24	22.57	22.63	22.89	24.50	0
		12	0	21.57	21.63	21.89	23.50	1
		12	6	21.68	21.67	21.78	23.50	1
		12	13	21.69	21.80	21.88	23.50	1
		25	0	21.58	21.73	21.78	23.50	1
5	16-QAM	1	0	21.68	21.80	21.83	23.50	1
		1	12	21.61	21.78	21.94	23.50	1
		1	24	21.76	21.65	21.94	23.50	1
		12	0	20.73	20.71	20.78	22.50	2
		12	6	20.76	20.69	20.91	22.50	2
		12	13	20.66	20.75	20.84	22.50	2
		25	0	20.69	20.74	20.85	22.50	2
5	64-QAM	1	0	20.57	20.70	20.89	22.50	2
		1	12	20.77	20.79	20.83	22.50	2
		1	24	20.71	20.74	20.95	22.50	2
		12	0	19.71	19.77	19.80	21.50	3
		12	6	19.72	19.78	19.82	21.50	3
		12	13	19.75	19.77	19.92	21.50	3
		25	0	19.64	19.69	19.94	21.50	3
5	256-QAM	1	0	17.90	17.96	18.10	19.50	5
		1	12	17.94	17.89	18.07	19.50	5
		1	24	17.91	18.02	18.17	19.50	5
		12	0	17.97	17.93	18.06	19.50	5
		12	6	17.90	17.90	18.09	19.50	5
		12	13	17.91	18.05	18.00	19.50	5
		25	0	17.86	18.01	18.03	19.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	22.63	22.82	22.96	24.50	0
		1	7	22.77	22.80	22.82	24.50	0
		1	14	22.70	22.79	22.85	24.50	0
		8	0	21.77	21.75	21.86	23.50	1
		8	4	21.70	21.86	21.86	23.50	1
		8	7	21.61	21.64	21.86	23.50	1
		15	0	21.64	21.69	21.85	23.50	1
3	16-QAM	1	0	21.73	21.69	21.83	23.50	1
		1	7	21.66	21.73	21.75	23.50	1
		1	14	21.57	21.70	21.83	23.50	1
		8	0	20.69	20.71	20.82	22.50	2
		8	4	20.74	20.77	20.83	22.50	2
		8	7	20.76	20.76	20.96	22.50	2
		15	0	20.80	20.69	20.88	22.50	2
3	64-QAM	1	0	20.66	20.86	20.87	22.50	2
		1	7	20.73	20.76	20.93	22.50	2
		1	14	20.72	20.82	20.87	22.50	2
		8	0	19.59	19.64	19.76	21.50	3
		8	4	19.76	19.80	19.97	21.50	3
		8	7	19.59	19.78	19.79	21.50	3
		15	0	19.76	19.74	19.89	21.50	3
3	256-QAM	1	0	17.92	17.90	17.97	19.50	5
		1	7	17.98	18.04	18.07	19.50	5
		1	14	17.90	17.89	18.11	19.50	5
		8	0	17.81	17.98	18.07	19.50	5
		8	4	17.96	17.92	18.02	19.50	5
		8	7	17.88	17.95	18.06	19.50	5
		15	0	17.84	18.00	17.98	19.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	22.67	22.69	22.91	24.50	0
		1	2	22.70	22.68	22.76	24.50	0
		1	5	22.65	22.78	22.82	24.50	0
		3	0	22.61	22.74	22.82	24.50	0
		3	2	22.68	22.83	22.81	24.50	0
		3	3	22.60	22.82	22.86	24.50	0
1.4	16-QAM	6	0	21.62	21.72	21.78	23.50	1
		1	0	21.66	21.79	21.84	23.50	1
		1	2	21.72	21.80	21.96	23.50	1
		1	5	21.71	21.66	21.86	23.50	1
		3	0	21.62	21.72	21.74	23.50	1
		3	2	21.69	21.69	21.89	23.50	1
1.4	64-QAM	3	3	21.78	21.77	21.80	23.50	1
		6	0	20.78	20.82	20.89	22.50	2
		1	0	20.67	20.75	20.78	22.50	2
		1	2	20.67	20.73	20.88	22.50	2
		1	5	20.77	20.79	20.86	22.50	2
		3	0	20.66	20.75	20.92	22.50	2
1.4	256-QAM	3	2	20.69	20.78	20.77	22.50	2
		3	3	20.67	20.81	20.96	22.50	2
		6	0	19.78	19.81	19.80	21.50	3
		1	0	17.88	18.05	18.07	21.50	3
		1	2	17.92	18.01	18.07	21.50	3
		1	5	17.89	17.99	18.08	21.50	3
1.4	256-QAM	3	0	17.89	17.98	18.10	21.50	3
		3	2	17.97	17.89	17.93	21.50	3
		3	3	17.80	17.91	18.11	21.50	3
		6	0	17.91	17.95	18.10	19.50	5

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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		23.43		24.50	0
		1	25		23.27		24.50	0
		1	49		23.33		24.50	0
		25	0		22.27		23.50	1
		25	12		22.28		23.50	1
		25	25		22.25		23.50	1
		50	0		22.26		23.50	1
10	16-QAM	1	0		22.25		23.50	1
		1	25		22.20		23.50	1
		1	49		22.22		23.50	1
		25	0		21.23		22.50	2
		25	12		21.31		22.50	2
		25	25		21.19		22.50	2
		50	0		21.24		22.50	2
10	64-QAM	1	0		21.32		22.50	2
		1	25		21.28		22.50	2
		1	49		21.27		22.50	2
		25	0		20.23		21.50	3
		25	12		20.36		21.50	3
		25	25		20.20		21.50	3
		50	0		20.25		21.50	3
10	256-QAM	1	0		18.49		21.50	3
		1	25		18.50		21.50	3
		1	49		18.57		21.50	3
		25	0		18.58		20.50	4
		25	12		18.44		20.50	4
		25	25		18.34		20.50	4
		50	0		18.45		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)				2307.5	2310	2312.5		
Channel				27685	27710	27735		
5	QPSK	1	0	23.29	23.31	23.28	24.50	0
		1	12	23.33	23.25	23.16	24.50	0
		1	24	23.17	23.16	23.27	24.50	0
		12	0	22.31	22.30	22.26	23.50	1
		12	6	22.25	22.38	22.24	23.50	1
		12	13	22.32	22.22	22.24	23.50	1
		25	0	22.38	22.34	22.22	23.50	1
5	16-QAM	1	0	22.19	22.32	22.38	23.50	1
		1	12	22.26	22.35	22.27	23.50	1
		1	24	22.20	22.28	22.16	23.50	1
		12	0	21.13	21.34	21.35	22.50	2
		12	6	21.28	21.30	21.27	22.50	2
		12	13	21.16	21.21	21.30	22.50	2
		25	0	21.37	21.27	21.18	22.50	2
5	64-QAM	1	0	21.35	21.38	21.26	22.50	2
		1	12	21.13	21.30	21.23	22.50	2
		1	24	21.28	21.33	21.16	22.50	2
		12	0	20.27	20.29	20.30	21.50	3
		12	6	20.25	20.23	20.27	21.50	3
		12	13	20.38	20.38	20.30	21.50	3
		25	0	20.27	20.17	20.26	21.50	3
5	256-QAM	1	0	18.57	18.52	18.50	21.50	3
		1	12	18.40	18.41	18.58	21.50	3
		1	24	18.46	18.47	18.45	21.50	3
		12	0	18.36	18.37	18.37	20.50	4
		12	6	18.52	18.40	18.53	20.50	4
		12	13	18.56	18.51	18.43	20.50	4
		25	0	18.38	18.36	18.44	20.50	4

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	23.14	23.05	22.95	24.50	0
		1	50	23.05	22.89	22.78	24.50	0
		1	99	22.94	22.89	22.80	24.50	0
		50	0	22.03	21.85	21.77	23.50	1
		50	25	22.00	21.92	21.77	23.50	1
		50	50	21.96	21.87	21.68	23.50	1
		100	0	21.95	21.91	21.89	23.50	1
20	16-QAM	1	0	21.99	21.86	21.79	23.50	1
		1	50	22.03	21.92	21.80	23.50	1
		1	99	22.06	21.88	21.84	23.50	1
		50	0	21.06	20.84	20.93	22.50	2
		50	25	20.97	20.86	20.78	22.50	2
		50	50	21.00	20.90	20.78	22.50	2
		100	0	20.93	20.88	20.85	22.50	2
20	64-QAM	1	0	20.93	20.83	20.75	22.50	2
		1	50	21.10	20.89	20.84	22.50	2
		1	99	20.91	20.88	20.84	22.50	2
		50	0	20.07	19.96	19.80	21.50	3
		50	25	20.08	19.89	19.77	21.50	3
		50	50	19.96	19.95	19.85	21.50	3
		100	0	19.92	19.87	19.68	21.50	3
20	256-QAM	1	0	18.29	18.09	17.96	19.50	5
		1	50	18.19	18.20	17.99	19.50	5
		1	99	18.26	18.12	17.96	19.50	5
		50	0	18.25	18.16	18.03	19.50	5
		50	25	18.16	18.05	18.02	19.50	5
		50	50	18.23	18.23	17.96	19.50	5
		100	0	18.22	18.10	18.03	19.50	5

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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	23.09	22.91	22.85	24.50	0
		1	36	22.88	22.82	22.81	24.50	0
		1	74	23.00	22.78	22.88	24.50	0
		36	0	22.07	21.86	21.71	23.50	1
		36	18	21.91	21.77	21.81	23.50	1
		36	37	22.01	21.86	21.84	23.50	1
		75	0	22.05	21.90	21.88	23.50	1
15	16-QAM	1	0	21.99	21.82	21.85	23.50	1
		1	36	21.98	21.90	21.67	23.50	1
		1	74	22.11	21.87	21.66	23.50	1
		36	0	21.04	20.76	20.82	22.50	2
		36	18	21.07	20.92	20.85	22.50	2
		36	37	21.07	20.92	20.75	22.50	2
		75	0	21.03	20.92	20.78	22.50	2
15	64-QAM	1	0	20.98	20.87	20.89	22.50	2
		1	36	20.96	20.77	20.84	22.50	2
		1	74	21.09	21.03	20.75	22.50	2
		36	0	19.92	19.91	19.75	21.50	3
		36	18	19.97	19.88	19.78	21.50	3
		36	37	20.05	19.87	19.75	21.50	3
		75	0	20.01	19.90	19.86	21.50	3
15	256-QAM	1	0	18.21	18.03	18.06	19.50	5
		1	36	18.24	18.10	18.02	19.50	5
		1	74	18.12	18.11	17.93	19.50	5
		36	0	18.12	18.11	17.97	19.50	5
		36	18	18.12	18.05	17.86	19.50	5
		36	37	18.20	18.05	18.01	19.50	5
		75	0	18.18	18.08	18.07	19.50	5

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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	23.03	22.88	22.83	24.50	0
		1	25	22.87	23.02	22.77	24.50	0
		1	49	23.04	22.84	22.78	24.50	0
		25	0	22.04	21.95	21.75	23.50	1
		25	12	22.00	21.81	21.81	23.50	1
		25	25	22.03	21.76	21.81	23.50	1
		50	0	21.89	21.86	21.78	23.50	1
10	16-QAM	1	0	22.03	22.02	21.88	23.50	1
		1	25	21.95	21.87	21.81	23.50	1
		1	49	22.03	21.94	21.83	23.50	1
		25	0	21.01	20.84	20.76	22.50	2
		25	12	20.97	20.92	20.71	22.50	2
		25	25	21.03	21.01	20.84	22.50	2
		50	0	21.04	20.89	20.93	22.50	2
10	64-QAM	1	0	20.93	20.94	20.84	22.50	2
		1	25	20.93	20.87	20.75	22.50	2
		1	49	20.88	20.93	20.71	22.50	2
		25	0	19.93	19.77	19.89	21.50	3
		25	12	19.97	19.96	19.80	21.50	3
		25	25	19.94	19.86	19.80	21.50	3
		50	0	20.01	19.99	19.76	21.50	3
10	256-QAM	1	0	18.07	18.12	18.04	19.50	5
		1	25	18.09	18.07	18.00	19.50	5
		1	49	18.20	18.11	18.08	19.50	5
		25	0	18.22	18.14	17.92	19.50	5
		25	12	18.22	17.99	17.92	19.50	5
		25	25	18.17	18.12	17.94	19.50	5
		50	0	18.13	18.03	17.93	19.50	5

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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	23.06	22.98	22.85	24.50	0
		1	12	22.92	22.86	22.83	24.50	0
		1	24	22.89	22.77	22.74	24.50	0
		12	0	21.98	21.83	21.74	23.50	1
		12	6	22.00	22.03	21.77	23.50	1
		12	13	21.92	21.90	21.82	23.50	1
		25	0	21.94	21.87	21.78	23.50	1
5	16-QAM	1	0	21.93	22.00	21.87	23.50	1
		1	12	21.99	21.77	21.77	23.50	1
		1	24	21.95	21.86	21.86	23.50	1
		12	0	20.90	20.97	20.84	22.50	2
		12	6	21.01	20.84	20.77	22.50	2
		12	13	20.85	20.88	20.84	22.50	2
		25	0	20.99	20.89	20.87	22.50	2
5	64-QAM	1	0	20.92	20.81	20.84	22.50	2
		1	12	20.86	20.85	20.92	22.50	2
		1	24	20.94	20.93	20.70	22.50	2
		12	0	20.09	19.94	19.82	21.50	3
		12	6	19.93	19.89	19.70	21.50	3
		12	13	19.91	19.92	19.73	21.50	3
		25	0	19.93	20.01	19.75	21.50	3
5	256-QAM	1	0	18.20	18.14	18.07	19.50	5
		1	12	18.29	18.10	17.98	19.50	5
		1	24	18.18	17.99	18.00	19.50	5
		12	0	18.18	18.06	18.09	19.50	5
		12	6	18.14	18.00	17.94	19.50	5
		12	13	18.22	18.12	18.00	19.50	5
		25	0	18.14	17.98	17.93	19.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	22.92	22.85	22.90	24.50	0
		1	7	22.90	22.90	22.81	24.50	0
		1	14	22.92	22.92	22.81	24.50	0
		8	0	22.02	21.99	21.79	23.50	1
		8	4	21.99	21.90	21.71	23.50	1
		8	7	22.02	21.80	21.85	23.50	1
		15	0	22.07	21.80	21.77	23.50	1
3	16-QAM	1	0	22.07	21.90	21.79	23.50	1
		1	7	21.86	21.90	21.79	23.50	1
		1	14	21.92	21.93	21.74	23.50	1
		8	0	20.97	20.91	20.87	22.50	2
		8	4	20.97	20.95	20.80	22.50	2
		8	7	20.94	20.82	20.80	22.50	2
		15	0	21.07	20.91	20.78	22.50	2
3	64-QAM	1	0	21.03	20.89	20.77	22.50	2
		1	7	21.12	20.94	20.87	22.50	2
		1	14	20.91	20.84	20.70	22.50	2
		8	0	19.90	19.90	19.75	21.50	3
		8	4	19.88	19.81	19.83	21.50	3
		8	7	19.93	19.86	19.79	21.50	3
		15	0	19.99	19.90	19.74	21.50	3
3	256-QAM	1	0	18.14	18.14	18.06	19.50	5
		1	7	18.18	17.97	17.99	19.50	5
		1	14	18.22	18.13	17.97	19.50	5
		8	0	18.08	18.15	17.99	19.50	5
		8	4	18.16	18.06	18.02	19.50	5
		8	7	18.14	18.14	17.90	19.50	5
		15	0	18.14	18.06	18.00	19.50	5

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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	23.08	23.01	22.78	24.50	0
		1	2	22.92	22.85	22.81	24.50	0
		1	5	22.95	22.81	22.71	24.50	0
		3	0	22.89	22.86	22.83	24.50	0
		3	2	22.96	22.89	22.77	24.50	0
		3	3	23.03	23.00	22.72	24.50	0
		6	0	21.97	21.90	21.89	23.50	1
1.4	16-QAM	1	0	21.99	21.93	21.67	23.50	1
		1	2	21.97	21.82	21.81	23.50	1
		1	5	21.86	21.82	21.71	23.50	1
		3	0	21.90	21.92	21.70	23.50	1
		3	2	22.09	21.84	21.84	23.50	1
		3	3	21.92	21.82	21.76	23.50	1
		6	0	20.87	20.92	20.75	22.50	2
1.4	64-QAM	1	0	21.07	20.91	20.81	22.50	2
		1	2	20.96	20.90	20.80	22.50	2
		1	5	20.93	20.87	20.86	22.50	2
		3	0	21.00	20.87	20.72	22.50	2
		3	2	21.03	20.87	20.75	22.50	2
		3	3	20.97	20.92	20.69	22.50	2
		6	0	20.04	20.02	19.85	21.50	3
1.4	256-QAM	1	0	18.22	18.06	17.99	21.50	3
		1	2	18.17	18.08	17.95	21.50	3
		1	5	18.10	18.03	17.99	21.50	3
		3	0	18.12	18.08	18.04	21.50	3
		3	2	18.10	18.17	17.97	21.50	3
		3	3	18.26	18.05	17.94	21.50	3
		6	0	18.19	18.15	17.95	19.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	21.04	21.08	21.28	21.50	0
		1	50	20.91	21.02	21.07	21.50	0
		1	99	20.85	20.91	21.00	21.50	0
		50	0	19.87	19.80	19.92	20.50	1
		50	25	19.87	19.85	20.06	20.50	1
		50	50	19.83	19.99	20.02	20.50	1
		100	0	19.84	19.99	19.99	20.50	1
20	16-QAM	1	0	19.82	19.90	19.92	20.50	1
		1	50	19.91	19.97	20.15	20.50	1
		1	99	19.95	19.82	19.95	20.50	1
		50	0	18.90	18.93	18.95	19.50	2
		50	25	18.89	19.02	19.12	19.50	2
		50	50	18.99	18.93	18.97	19.50	2
		100	0	18.89	18.97	18.99	19.50	2
20	64-QAM	1	0	18.91	18.99	18.93	19.50	2
		1	50	18.90	18.95	18.96	19.50	2
		1	99	18.90	18.99	19.13	19.50	2
		50	0	17.93	17.87	17.98	18.50	3
		50	25	17.80	17.86	17.96	18.50	3
		50	50	17.93	17.87	18.03	18.50	3
		100	0	17.92	17.97	17.98	18.50	3
20	256-QAM	1	0	16.16	16.23	16.29	16.50	5
		1	50	15.98	16.09	16.25	16.50	5
		1	99	16.03	16.13	16.28	16.50	5
		50	0	16.15	16.08	16.16	16.50	5
		50	25	16.03	16.08	16.25	16.50	5
		50	50	15.97	16.21	16.22	16.50	5
		100	0	16.10	16.06	16.19	16.50	5

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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	20.80	20.82	20.99	21.50	0
		1	36	20.90	20.92	20.97	21.50	0
		1	74	20.90	20.92	21.08	21.50	0
		36	0	19.93	19.91	19.94	20.50	1
		36	18	19.80	19.92	20.11	20.50	1
		36	37	19.87	19.98	20.06	20.50	1
		75	0	19.80	19.97	20.01	20.50	1
15	16-QAM	1	0	19.84	19.91	19.91	20.50	1
		1	36	19.81	19.91	20.11	20.50	1
		1	74	19.95	20.02	20.01	20.50	1
		36	0	18.96	18.89	19.02	19.50	2
		36	18	18.81	18.85	19.03	19.50	2
		36	37	18.88	18.94	19.06	19.50	2
		75	0	18.96	18.92	19.05	19.50	2
15	64-QAM	1	0	18.88	18.93	19.09	19.50	2
		1	36	18.95	18.90	18.91	19.50	2
		1	74	18.90	18.93	19.03	19.50	2
		36	0	17.89	17.96	17.98	18.50	3
		36	18	17.86	17.92	18.02	18.50	3
		36	37	17.86	17.87	18.11	18.50	3
		75	0	17.92	17.88	17.96	18.50	3
15	256-QAM	1	0	16.10	16.15	16.24	16.50	5
		1	36	16.09	16.12	16.17	16.50	5
		1	74	16.16	16.11	16.24	16.50	5
		36	0	16.14	16.05	16.12	16.50	5
		36	18	16.08	16.19	16.31	16.50	5
		36	37	16.07	16.10	16.31	16.50	5
		75	0	16.19	16.10	16.10	16.50	5

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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	20.87	20.87	21.04	21.50	0
		1	25	20.83	20.90	21.08	21.50	0
		1	49	20.81	20.90	21.03	21.50	0
		25	0	19.80	19.96	20.06	20.50	1
		25	12	19.89	19.97	20.01	20.50	1
		25	25	19.87	19.94	20.02	20.50	1
		50	0	19.91	19.90	20.02	20.50	1
10	16-QAM	1	0	19.80	20.04	20.01	20.50	1
		1	25	19.94	19.87	20.01	20.50	1
		1	49	19.85	19.86	19.96	20.50	1
		25	0	18.85	18.96	19.06	19.50	2
		25	12	18.93	18.93	18.93	19.50	2
		25	25	18.80	18.80	18.99	19.50	2
		50	0	18.81	18.92	19.00	19.50	2
10	64-QAM	1	0	18.87	18.92	19.07	19.50	2
		1	25	18.83	18.85	19.11	19.50	2
		1	49	18.90	19.03	19.15	19.50	2
		25	0	17.96	17.92	18.07	18.50	3
		25	12	17.86	17.83	18.07	18.50	3
		25	25	17.88	17.89	18.11	18.50	3
		50	0	17.85	17.94	18.07	18.50	3
10	256-QAM	1	0	16.05	16.09	16.25	16.50	5
		1	25	16.10	16.11	16.28	16.50	5
		1	49	16.11	16.05	16.23	16.50	5
		25	0	16.17	16.11	16.23	16.50	5
		25	12	16.05	16.13	16.24	16.50	5
		25	25	16.13	16.13	16.30	16.50	5
		50	0	16.09	16.10	16.29	16.50	5

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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	20.82	20.97	21.00	21.50	0
		1	12	20.93	20.92	21.02	21.50	0
		1	24	20.86	20.96	20.92	21.50	0
		12	0	19.89	19.80	19.91	20.50	1
		12	6	19.88	19.86	19.95	20.50	1
		12	13	19.87	19.92	19.93	20.50	1
		25	0	19.97	19.89	20.13	20.50	1
5	16-QAM	1	0	19.80	19.95	20.12	20.50	1
		1	12	19.92	19.93	20.00	20.50	1
		1	24	19.86	19.91	19.98	20.50	1
		12	0	18.83	18.92	18.98	19.50	2
		12	6	18.89	19.03	19.04	19.50	2
		12	13	18.93	18.96	18.97	19.50	2
		25	0	18.87	18.97	18.92	19.50	2
5	64-QAM	1	0	18.88	18.91	19.03	19.50	2
		1	12	18.94	18.95	18.96	19.50	2
		1	24	19.00	19.00	18.96	19.50	2
		12	0	17.88	17.84	17.96	18.50	3
		12	6	17.87	17.87	18.06	18.50	3
		12	13	17.90	18.04	18.03	18.50	3
		25	0	17.89	17.84	18.06	18.50	3
5	256-QAM	1	0	16.05	16.15	16.23	16.50	5
		1	12	16.06	16.19	16.21	16.50	5
		1	24	16.11	16.09	16.31	16.50	5
		12	0	16.11	16.13	16.29	16.50	5
		12	6	16.07	16.17	16.35	16.50	5
		12	13	16.20	16.06	16.15	16.50	5
		25	0	16.04	16.17	16.27	16.50	5

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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	20.93	21.00	21.00	21.50	0
		1	7	20.83	20.87	20.93	21.50	0
		1	14	20.94	20.95	21.01	21.50	0
		8	0	19.97	19.94	20.03	20.50	1
		8	4	19.82	19.88	19.99	20.50	1
		8	7	19.87	19.91	20.13	20.50	1
		15	0	19.93	19.96	20.03	20.50	1
3	16-QAM	1	0	19.86	19.89	20.08	20.50	1
		1	7	19.82	19.93	20.00	20.50	1
		1	14	19.89	19.97	20.00	20.50	1
		8	0	18.96	18.96	18.98	19.50	2
		8	4	18.82	18.83	19.05	19.50	2
		8	7	18.95	18.94	19.01	19.50	2
		15	0	18.83	18.93	19.01	19.50	2
3	64-QAM	1	0	18.83	18.81	19.02	19.50	2
		1	7	18.81	19.05	19.16	19.50	2
		1	14	19.02	18.99	18.94	19.50	2
		8	0	17.82	17.89	17.97	18.50	3
		8	4	17.80	17.99	18.02	18.50	3
		8	7	17.85	17.81	18.00	18.50	3
		15	0	17.94	17.97	17.90	18.50	3
3	256-QAM	1	0	15.99	16.04	16.33	16.50	5
		1	7	16.10	16.19	16.15	16.50	5
		1	14	16.05	16.17	16.23	16.50	5
		8	0	16.09	16.17	16.24	16.50	5
		8	4	16.10	16.07	16.29	16.50	5
		8	7	16.03	16.14	16.22	16.50	5
		15	0	16.19	16.22	16.23	16.50	5

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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	20.90	20.95	21.13	21.50	0
		1	2	20.95	20.91	20.95	21.50	0
		1	5	20.80	20.84	20.97	21.50	0
		3	0	20.89	21.02	21.08	21.50	0
		3	2	20.80	20.94	21.00	21.50	0
		3	3	20.93	20.95	20.97	21.50	0
		6	0	20.02	19.94	19.94	20.50	1
1.4	16-QAM	1	0	19.88	19.90	20.05	20.50	1
		1	2	20.00	19.91	19.94	20.50	1
		1	5	19.90	20.01	20.10	20.50	1
		3	0	19.90	19.84	20.08	20.50	1
		3	2	19.99	20.00	20.11	20.50	1
		3	3	19.82	19.85	20.06	20.50	1
		6	0	18.91	18.99	19.01	19.50	2
1.4	64-QAM	1	0	18.80	18.93	18.98	19.50	2
		1	2	19.00	18.87	18.96	19.50	2
		1	5	18.86	19.01	19.01	19.50	2
		3	0	18.97	18.95	19.03	19.50	2
		3	2	18.92	18.84	19.06	19.50	2
		3	3	18.86	18.84	18.96	19.50	2
		6	0	17.88	17.87	18.06	18.50	3
1.4	256-QAM	1	0	16.01	16.05	16.25	18.50	3
		1	2	16.13	16.16	16.23	18.50	3
		1	5	16.15	16.20	16.09	18.50	3
		3	0	16.00	16.14	16.22	18.50	3
		3	2	16.03	16.08	16.24	18.50	3
		3	3	16.18	16.05	16.17	18.50	3
		6	0	16.11	16.15	16.14	16.50	5

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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	23.08	23.44	22.98	23.50	0
		1	50	23.02	23.26	22.96	23.50	0
		1	99	22.98	23.35	22.84	23.50	0
		50	0	21.93	22.38	21.86	22.50	1
		50	25	21.83	22.32	21.83	22.50	1
		50	50	21.89	22.21	21.81	22.50	1
		100	0	22.09	22.27	21.81	22.50	1
20	16-QAM	1	0	21.85	22.29	21.83	22.50	1
		1	50	21.94	22.21	21.76	22.50	1
		1	99	22.07	22.33	21.68	22.50	1
		50	0	20.96	21.26	20.73	21.50	2
		50	25	20.96	21.32	20.90	21.50	2
		50	50	20.91	21.38	20.83	21.50	2
		100	0	20.98	21.40	20.83	21.50	2
20	64-QAM	1	0	20.96	21.21	20.90	21.50	2
		1	50	20.86	21.26	20.91	21.50	2
		1	99	20.90	21.33	20.85	21.50	2
		50	0	19.90	20.35	19.74	20.50	3
		50	25	20.03	20.29	19.86	20.50	3
		50	50	19.94	20.33	19.83	20.50	3
		100	0	19.88	20.39	19.84	20.50	3
20	256-QAM	1	0	18.08	18.14	17.95	18.50	5
		1	50	17.98	18.03	18.05	18.50	5
		1	99	18.01	18.14	18.08	18.50	5
		50	0	18.20	18.20	18.04	18.50	5
		50	25	18.16	18.21	18.05	18.50	5
		50	50	18.11	18.05	17.99	18.50	5
		100	0	18.12	18.20	18.07	18.50	5

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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	23.07	23.40	22.97	23.50	0
		1	36	22.95	23.21	22.87	23.50	0
		1	74	22.97	23.35	22.75	23.50	0
		36	0	21.84	22.36	21.80	22.50	1
		36	18	21.83	22.32	21.79	22.50	1
		36	37	21.81	22.14	21.80	22.50	1
		75	0	22.09	22.23	21.81	22.50	1
15	16-QAM	1	0	21.83	22.25	21.81	22.50	1
		1	36	21.89	22.16	21.72	22.50	1
		1	74	22.00	22.25	21.64	22.50	1
		36	0	20.96	21.19	20.68	21.50	2
		36	18	20.94	21.25	20.88	21.50	2
		36	37	20.90	21.37	20.80	21.50	2
		75	0	20.90	21.34	20.82	21.50	2
15	64-QAM	1	0	20.91	21.17	20.87	21.50	2
		1	36	20.80	21.19	20.82	21.50	2
		1	74	20.87	21.28	20.79	21.50	2
		36	0	19.83	20.35	19.69	20.50	3
		36	18	20.02	20.29	19.79	20.50	3
		36	37	19.88	20.26	19.77	20.50	3
		75	0	19.80	20.32	19.80	20.50	3
15	256-QAM	1	0	18.04	18.13	17.89	18.50	5
		1	36	17.89	18.03	18.05	18.50	5
		1	74	17.92	18.14	18.05	18.50	5
		36	0	18.14	18.13	17.97	18.50	5
		36	18	18.07	18.14	18.03	18.50	5
		36	37	18.03	18.05	17.95	18.50	5
		75	0	18.07	18.11	18.05	18.50	5

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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	23.07	23.36	22.96	23.50	0
		1	25	22.94	23.19	22.94	23.50	0
		1	49	22.91	23.28	22.75	23.50	0
		25	0	21.88	22.38	21.79	22.50	1
		25	12	21.81	22.23	21.81	22.50	1
		25	25	21.83	22.17	21.79	22.50	1
		50	0	22.05	22.25	21.79	22.50	1
10	16-QAM	1	0	21.84	22.27	21.75	22.50	1
		1	25	21.87	22.13	21.74	22.50	1
		1	49	21.99	22.27	21.67	22.50	1
		25	0	20.87	21.21	20.70	21.50	2
		25	12	20.92	21.31	20.90	21.50	2
		25	25	20.86	21.36	20.82	21.50	2
		50	0	20.93	21.33	20.75	21.50	2
10	64-QAM	1	0	20.90	21.20	20.86	21.50	2
		1	25	20.78	21.24	20.88	21.50	2
		1	49	20.86	21.27	20.81	21.50	2
		25	0	19.81	20.33	19.70	20.50	3
		25	12	20.01	20.20	19.84	20.50	3
		25	25	19.91	20.31	19.82	20.50	3
		50	0	19.85	20.30	19.76	20.50	3
10	256-QAM	1	0	18.04	18.11	17.87	18.50	5
		1	25	17.97	17.99	18.00	18.50	5
		1	49	17.96	18.06	18.02	18.50	5
		25	0	18.17	18.19	18.00	18.50	5
		25	12	18.08	18.15	18.03	18.50	5
		25	25	18.03	17.99	17.93	18.50	5
		50	0	18.12	18.18	18.06	18.50	5

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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	23.04	23.42	22.96	23.50	0
		1	12	22.99	23.26	22.91	23.50	0
		1	24	22.92	23.32	22.81	23.50	0
		12	0	21.85	22.35	21.78	22.50	1
		12	6	21.74	22.28	21.75	22.50	1
		12	13	21.83	22.19	21.72	22.50	1
		25	0	22.02	22.24	21.76	22.50	1
5	16-QAM	1	0	21.78	22.22	21.82	22.50	1
		1	12	21.85	22.12	21.75	22.50	1
		1	24	22.05	22.32	21.60	22.50	1
		12	0	20.90	21.22	20.71	21.50	2
		12	6	20.88	21.31	20.82	21.50	2
		12	13	20.83	21.30	20.80	21.50	2
		25	0	20.97	21.32	20.79	21.50	2
5	64-QAM	1	0	20.91	21.15	20.85	21.50	2
		1	12	20.86	21.24	20.86	21.50	2
		1	24	20.84	21.29	20.84	21.50	2
		12	0	19.81	20.31	19.66	20.50	3
		12	6	20.01	20.29	19.86	20.50	3
		12	13	19.89	20.26	19.79	20.50	3
		25	0	19.86	20.32	19.78	20.50	3
5	256-QAM	1	0	18.02	18.12	17.92	18.50	5
		1	12	17.94	18.00	18.01	18.50	5
		1	24	17.95	18.12	18.04	18.50	5
		12	0	18.19	18.15	17.95	18.50	5
		12	6	18.14	18.13	17.98	18.50	5
		12	13	18.09	18.04	17.97	18.50	5
		25	0	18.03	18.20	17.99	18.50	5

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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	23.05	23.36	22.96	23.50	0
		1	7	22.96	23.26	22.89	23.50	0
		1	14	22.98	23.28	22.82	23.50	0
		8	0	21.90	22.37	21.81	22.50	1
		8	4	21.80	22.25	21.77	22.50	1
		8	7	21.81	22.19	21.73	22.50	1
		15	0	22.05	22.19	21.75	22.50	1
3	16-QAM	1	0	21.82	22.25	21.83	22.50	1
		1	7	21.85	22.18	21.74	22.50	1
		1	14	22.00	22.27	21.63	22.50	1
		8	0	20.88	21.20	20.66	21.50	2
		8	4	20.88	21.23	20.86	21.50	2
		8	7	20.89	21.29	20.75	21.50	2
		15	0	20.97	21.31	20.81	21.50	2
3	64-QAM	1	0	20.91	21.21	20.82	21.50	2
		1	7	20.82	21.18	20.90	21.50	2
		1	14	20.83	21.31	20.81	21.50	2
		8	0	19.86	20.30	19.69	20.50	3
		8	4	19.98	20.23	19.84	20.50	3
		8	7	19.85	20.25	19.76	20.50	3
		15	0	19.79	20.36	19.77	20.50	3
3	256-QAM	1	0	18.01	18.06	17.92	18.50	5
		1	7	17.92	18.03	17.97	18.50	5
		1	14	17.95	18.14	18.01	18.50	5
		8	0	18.16	18.12	18.02	18.50	5
		8	4	18.12	18.21	18.03	18.50	5
		8	7	18.03	17.96	17.91	18.50	5
		15	0	18.04	18.16	17.99	18.50	5

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LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	23.05	23.35	22.98	23.50	0
		1	2	23.00	23.24	22.96	23.50	0
		1	5	22.89	23.31	22.83	23.50	0
		3	0	22.99	23.42	22.92	23.50	0
		3	2	23.02	23.17	22.89	23.50	0
		3	3	22.91	23.28	22.84	23.50	0
		6	0	22.05	22.26	21.79	22.50	1
1.4	16-QAM	1	0	21.76	22.21	21.78	22.50	1
		1	2	21.91	22.18	21.72	22.50	1
		1	5	22.07	22.25	21.59	22.50	1
		3	0	21.87	22.37	21.86	22.50	1
		3	2	21.81	22.31	21.77	22.50	1
		3	3	21.84	22.19	21.73	22.50	1
		6	0	20.95	21.39	20.80	21.50	2
1.4	64-QAM	1	0	20.92	21.19	20.81	21.50	2
		1	2	20.86	21.24	20.91	21.50	2
		1	5	20.85	21.32	20.78	21.50	2
		3	0	20.91	21.17	20.71	21.50	2
		3	2	20.95	21.24	20.87	21.50	2
		3	3	20.86	21.29	20.82	21.50	2
		6	0	19.83	20.38	19.77	20.50	3
1.4	256-QAM	1	0	19.89	20.29	19.67	20.50	3
		1	2	19.94	20.29	19.78	20.50	3
		1	5	19.88	20.25	19.81	20.50	3
		3	0	19.81	20.35	19.71	20.50	3
		3	2	20.03	20.20	19.83	20.50	3
		3	3	19.92	20.28	19.79	20.50	3
		6	0	18.10	18.11	18.05	18.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	22.84	22.91	23.02	23.50	0
		1	50	22.63	22.65	22.81	23.50	0
		1	99	22.63	22.73	22.96	23.50	0
		50	0	21.62	21.77	21.84	22.50	1
		50	25	21.54	21.72	21.91	22.50	1
		50	50	21.65	21.76	21.91	22.50	1
		100	0	21.69	21.76	21.90	22.50	1
20	16-QAM	1	0	21.61	21.80	21.84	22.50	1
		1	50	21.71	21.74	21.86	22.50	1
		1	99	21.70	21.67	21.88	22.50	1
		50	0	20.56	20.68	20.85	21.50	2
		50	25	20.66	20.63	20.91	21.50	2
		50	50	20.54	20.85	20.74	21.50	2
		100	0	20.69	20.79	20.96	21.50	2
20	64-QAM	1	0	20.76	20.87	20.86	21.50	2
		1	50	20.74	20.74	20.93	21.50	2
		1	99	20.66	20.75	20.91	21.50	2
		50	0	19.63	19.82	19.87	20.50	3
		50	25	19.67	19.73	19.89	20.50	3
		50	50	19.67	19.74	19.84	20.50	3
		100	0	19.63	19.82	19.78	20.50	3
20	256-QAM	1	0	17.93	17.95	18.07	18.50	5
		1	50	17.93	18.04	17.95	18.50	5
		1	99	17.95	17.95	18.07	18.50	5
		50	0	17.82	18.04	18.17	18.50	5
		50	25	17.93	17.92	17.98	18.50	5
		50	50	17.83	18.03	18.03	18.50	5
		100	0	17.84	18.00	18.05	18.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	22.77	22.76	22.90	23.50	0
		1	36	22.77	22.81	22.83	23.50	0
		1	74	22.64	22.80	22.79	23.50	0
		36	0	21.59	21.77	21.82	22.50	1
		36	18	21.69	21.76	21.84	22.50	1
		36	37	21.67	21.67	21.85	22.50	1
		75	0	21.77	21.72	21.85	22.50	1
15	16-QAM	1	0	21.60	21.71	21.84	22.50	1
		1	36	21.69	21.73	21.90	22.50	1
		1	74	21.72	21.79	21.78	22.50	1
		36	0	20.67	20.69	20.90	21.50	2
		36	18	20.64	20.69	20.90	21.50	2
		36	37	20.67	20.81	20.80	21.50	2
		75	0	20.70	20.84	20.88	21.50	2
15	64-QAM	1	0	20.81	20.72	20.83	21.50	2
		1	36	20.65	20.74	20.79	21.50	2
		1	74	20.81	20.71	20.87	21.50	2
		36	0	19.75	19.67	19.74	20.50	3
		36	18	19.69	19.65	19.85	20.50	3
		36	37	19.69	19.73	19.84	20.50	3
		75	0	19.76	19.63	19.88	20.50	3
15	256-QAM	1	0	17.95	17.93	18.10	18.50	5
		1	36	17.93	17.95	18.02	18.50	5
		1	74	17.87	18.02	18.00	18.50	5
		36	0	17.84	17.93	18.10	18.50	5
		36	18	17.97	17.97	17.97	18.50	5
		36	37	17.81	17.97	18.15	18.50	5
		75	0	17.88	17.93	18.05	18.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	22.66	22.68	22.93	23.50	0
		1	25	22.63	22.66	22.86	23.50	0
		1	49	22.66	22.63	22.91	23.50	0
		25	0	21.72	21.72	21.92	22.50	1
		25	12	21.56	21.81	21.85	22.50	1
		25	25	21.68	21.81	21.94	22.50	1
		50	0	21.73	21.79	21.95	22.50	1
10	16-QAM	1	0	21.79	21.81	21.88	22.50	1
		1	25	21.64	21.73	21.80	22.50	1
		1	49	21.72	21.70	21.92	22.50	1
		25	0	20.73	20.67	20.96	21.50	2
		25	12	20.71	20.67	20.80	21.50	2
		25	25	20.72	20.75	20.92	21.50	2
		50	0	20.65	20.75	20.81	21.50	2
10	64-QAM	1	0	20.56	20.68	20.93	21.50	2
		1	25	20.65	20.69	20.81	21.50	2
		1	49	20.67	20.82	20.97	21.50	2
		25	0	19.81	19.73	19.84	20.50	3
		25	12	19.69	19.73	19.95	20.50	3
		25	25	19.55	19.83	19.84	20.50	3
		50	0	19.70	19.75	19.91	20.50	3
10	256-QAM	1	0	17.92	17.89	18.07	18.50	5
		1	25	17.86	17.93	18.03	18.50	5
		1	49	17.95	17.83	18.00	18.50	5
		25	0	17.88	17.91	18.02	18.50	5
		25	12	17.83	18.05	18.05	18.50	5
		25	25	17.85	18.00	17.96	18.50	5
		50	0	17.87	17.94	18.10	18.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	22.63	22.65	22.88	23.50	0
		1	12	22.71	22.72	22.85	23.50	0
		1	24	22.57	22.63	22.89	23.50	0
		12	0	21.57	21.63	21.89	22.50	1
		12	6	21.68	21.67	21.78	22.50	1
		12	13	21.69	21.80	21.88	22.50	1
		25	0	21.58	21.73	21.78	22.50	1
5	16-QAM	1	0	21.68	21.80	21.83	22.50	1
		1	12	21.61	21.78	21.94	22.50	1
		1	24	21.76	21.65	21.94	22.50	1
		12	0	20.73	20.71	20.78	21.50	2
		12	6	20.76	20.69	20.91	21.50	2
		12	13	20.66	20.75	20.84	21.50	2
		25	0	20.69	20.74	20.85	21.50	2
5	64-QAM	1	0	20.57	20.70	20.89	21.50	2
		1	12	20.77	20.79	20.83	21.50	2
		1	24	20.71	20.74	20.95	21.50	2
		12	0	19.71	19.77	19.80	20.50	3
		12	6	19.72	19.78	19.82	20.50	3
		12	13	19.75	19.77	19.92	20.50	3
		25	0	19.64	19.69	19.94	20.50	3
5	256-QAM	1	0	17.90	17.96	18.10	18.50	5
		1	12	17.94	17.89	18.07	18.50	5
		1	24	17.91	18.02	18.17	18.50	5
		12	0	17.97	17.93	18.06	18.50	5
		12	6	17.90	17.90	18.09	18.50	5
		12	13	17.91	18.05	18.00	18.50	5
		25	0	17.86	18.01	18.03	18.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	22.63	22.82	22.96	23.50	0
		1	7	22.77	22.80	22.82	23.50	0
		1	14	22.70	22.79	22.85	23.50	0
		8	0	21.77	21.75	21.86	22.50	1
		8	4	21.70	21.86	21.86	22.50	1
		8	7	21.61	21.64	21.86	22.50	1
		15	0	21.64	21.69	21.85	22.50	1
3	16-QAM	1	0	21.73	21.69	21.83	22.50	1
		1	7	21.66	21.73	21.75	22.50	1
		1	14	21.57	21.70	21.83	22.50	1
		8	0	20.69	20.71	20.82	21.50	2
		8	4	20.74	20.77	20.83	21.50	2
		8	7	20.76	20.76	20.96	21.50	2
		15	0	20.80	20.69	20.88	21.50	2
3	64-QAM	1	0	20.66	20.86	20.87	21.50	2
		1	7	20.73	20.76	20.93	21.50	2
		1	14	20.72	20.82	20.87	21.50	2
		8	0	19.59	19.64	19.76	20.50	3
		8	4	19.76	19.80	19.97	20.50	3
		8	7	19.59	19.78	19.79	20.50	3
		15	0	19.76	19.74	19.89	20.50	3
3	256-QAM	1	0	17.92	17.90	17.97	18.50	5
		1	7	17.98	18.04	18.07	18.50	5
		1	14	17.90	17.89	18.11	18.50	5
		8	0	17.81	17.98	18.07	18.50	5
		8	4	17.96	17.92	18.02	18.50	5
		8	7	17.88	17.95	18.06	18.50	5
		15	0	17.84	18.00	17.98	18.50	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	22.67	22.69	22.91	23.50	0
		1	2	22.70	22.68	22.76	23.50	0
		1	5	22.65	22.78	22.82	23.50	0
		3	0	22.61	22.74	22.82	23.50	0
		3	2	22.68	22.83	22.81	23.50	0
		3	3	22.60	22.82	22.86	23.50	0
		6	0	21.62	21.72	21.78	22.50	1
1.4	16-QAM	1	0	21.66	21.79	21.84	22.50	1
		1	2	21.72	21.80	21.96	22.50	1
		1	5	21.71	21.66	21.86	22.50	1
		3	0	21.62	21.72	21.74	22.50	1
		3	2	21.69	21.69	21.89	22.50	1
		3	3	21.78	21.77	21.80	22.50	1
		6	0	20.78	20.82	20.89	21.50	2
1.4	64-QAM	1	0	20.67	20.75	20.78	21.50	2
		1	2	20.67	20.73	20.88	21.50	2
		1	5	20.77	20.79	20.86	21.50	2
		3	0	20.66	20.75	20.92	21.50	2
		3	2	20.69	20.78	20.77	21.50	2
		3	3	20.67	20.81	20.96	21.50	2
		6	0	19.78	19.81	19.80	20.50	3
1.4	256-QAM	1	0	17.88	18.05	18.07	20.50	3
		1	2	17.92	18.01	18.07	20.50	3
		1	5	17.89	17.99	18.08	20.50	3
		3	0	17.89	17.98	18.10	20.50	3
		3	2	17.97	17.89	17.93	20.50	3
		3	3	17.80	17.91	18.11	20.50	3
		6	0	17.91	17.95	18.10	18.50	5

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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		22.43		22.50	0
		1	25		22.27		22.50	0
		1	49		22.33		22.50	0
		25	0		21.27		21.50	1
		25	12		21.28		21.50	1
		25	25		21.25		21.50	1
		50	0		21.26		21.50	1
10	16-QAM	1	0		21.25		21.50	1
		1	25		21.20		21.50	1
		1	49		21.22		21.50	1
		25	0		20.23		20.50	2
		25	12		20.31		20.50	2
		25	25		20.19		20.50	2
		50	0		20.24		20.50	2
10	64-QAM	1	0		20.32		20.50	2
		1	25		20.28		20.50	2
		1	49		20.27		20.50	2
		25	0		19.23		19.50	3
		25	12		19.36		19.50	3
		25	25		19.20		19.50	3
		50	0		19.25		19.50	3
10	256-QAM	1	0		17.49		17.50	5
		1	25		17.25		17.50	5
		1	49		17.44		17.50	5
		25	0		17.35		17.50	5
		25	12		17.44		17.50	5
		25	25		17.34		17.50	5
		50	0		17.45		17.50	5

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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	22.29	22.16	22.22	22.50	0
		1	12	22.21	22.21	22.08	22.50	0
		1	24	22.13	22.01	22.20	22.50	0
		12	0	21.30	21.21	21.26	21.50	1
		12	6	21.17	21.25	21.13	21.50	1
		12	13	21.26	21.10	21.12	21.50	1
		25	0	21.34	21.18	21.21	21.50	1
5	16-QAM	1	0	21.07	21.21	21.22	21.50	1
		1	12	21.26	21.17	21.08	21.50	1
		1	24	21.14	21.11	21.12	21.50	1
		12	0	20.01	20.21	20.16	20.50	2
		12	6	20.19	20.11	20.11	20.50	2
		12	13	20.00	20.08	20.12	20.50	2
		25	0	20.21	20.13	20.00	20.50	2
5	64-QAM	1	0	20.26	20.26	20.08	20.50	2
		1	12	20.01	20.22	20.13	20.50	2
		1	24	20.20	20.27	19.99	20.50	2
		12	0	19.13	19.27	19.16	19.50	3
		12	6	19.09	19.04	19.18	19.50	3
		12	13	19.31	19.32	19.15	19.50	3
		25	0	19.09	19.03	19.13	19.50	3
5	256-QAM	1	0	17.38	17.42	17.33	17.50	5
		1	12	17.23	17.23	17.48	17.50	5
		1	24	17.33	17.39	17.29	17.50	5
		12	0	17.21	17.29	17.26	17.50	5
		12	6	17.39	17.35	17.43	17.50	5
		12	13	17.42	17.33	17.28	17.50	5
		25	0	17.26	17.30	17.38	17.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	23.14	23.05	22.95	23.50	0
		1	50	23.05	22.89	22.78	23.50	0
		1	99	22.94	22.89	22.80	23.50	0
		50	0	22.03	21.85	21.77	22.50	1
		50	25	22.00	21.92	21.77	22.50	1
		50	50	21.96	21.87	21.68	22.50	1
		100	0	21.95	21.91	21.89	22.50	1
20	16-QAM	1	0	21.99	21.86	21.79	22.50	1
		1	50	22.03	21.92	21.80	22.50	1
		1	99	22.06	21.88	21.84	22.50	1
		50	0	21.06	20.84	20.93	21.50	2
		50	25	20.97	20.86	20.78	21.50	2
		50	50	21.00	20.90	20.78	21.50	2
		100	0	20.93	20.88	20.85	21.50	2
20	64-QAM	1	0	20.93	20.83	20.75	21.50	2
		1	50	21.10	20.89	20.84	21.50	2
		1	99	20.91	20.88	20.84	21.50	2
		50	0	20.07	19.96	19.80	20.50	3
		50	25	20.08	19.89	19.77	20.50	3
		50	50	19.96	19.95	19.85	20.50	3
		100	0	19.92	19.87	19.68	20.50	3
20	256-QAM	1	0	18.29	18.09	17.96	18.50	5
		1	50	18.19	18.20	17.99	18.50	5
		1	99	18.26	18.12	17.96	18.50	5
		50	0	18.25	18.16	18.03	18.50	5
		50	25	18.16	18.05	18.02	18.50	5
		50	50	18.23	18.23	17.96	18.50	5
		100	0	18.22	18.10	18.03	18.50	5

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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	23.09	22.91	22.85	23.50	0
		1	36	22.88	22.82	22.81	23.50	0
		1	74	23.00	22.78	22.88	23.50	0
		36	0	22.07	21.86	21.71	22.50	1
		36	18	21.91	21.77	21.81	22.50	1
		36	37	22.01	21.86	21.84	22.50	1
		75	0	22.05	21.90	21.88	22.50	1
15	16-QAM	1	0	21.99	21.82	21.85	22.50	1
		1	36	21.98	21.90	21.67	22.50	1
		1	74	22.11	21.87	21.66	22.50	1
		36	0	21.04	20.76	20.82	21.50	2
		36	18	21.07	20.92	20.85	21.50	2
		36	37	21.07	20.92	20.75	21.50	2
		75	0	21.03	20.92	20.78	21.50	2
15	64-QAM	1	0	20.98	20.87	20.89	21.50	2
		1	36	20.96	20.77	20.84	21.50	2
		1	74	21.09	21.03	20.75	21.50	2
		36	0	19.92	19.91	19.75	20.50	3
		36	18	19.97	19.88	19.78	20.50	3
		36	37	20.05	19.87	19.75	20.50	3
		75	0	20.01	19.90	19.86	20.50	3
15	256-QAM	1	0	18.21	18.03	18.06	18.50	5
		1	36	18.24	18.10	18.02	18.50	5
		1	74	18.12	18.11	17.93	18.50	5
		36	0	18.12	18.11	17.97	18.50	5
		36	18	18.12	18.05	17.86	18.50	5
		36	37	18.20	18.05	18.01	18.50	5
		75	0	18.18	18.08	18.07	18.50	5

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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	23.03	22.88	22.83	23.50	0
		1	25	22.87	23.02	22.77	23.50	0
		1	49	23.04	22.84	22.78	23.50	0
		25	0	22.04	21.95	21.75	22.50	1
		25	12	22.00	21.81	21.81	22.50	1
		25	25	22.03	21.76	21.81	22.50	1
		50	0	21.89	21.86	21.78	22.50	1
10	16-QAM	1	0	22.03	22.02	21.88	22.50	1
		1	25	21.95	21.87	21.81	22.50	1
		1	49	22.03	21.94	21.83	22.50	1
		25	0	21.01	20.84	20.76	21.50	2
		25	12	20.97	20.92	20.71	21.50	2
		25	25	21.03	21.01	20.84	21.50	2
		50	0	21.04	20.89	20.93	21.50	2
10	64-QAM	1	0	20.93	20.94	20.84	21.50	2
		1	25	20.93	20.87	20.75	21.50	2
		1	49	20.88	20.93	20.71	21.50	2
		25	0	19.93	19.77	19.89	20.50	3
		25	12	19.97	19.96	19.80	20.50	3
		25	25	19.94	19.86	19.80	20.50	3
		50	0	20.01	19.99	19.76	20.50	3
10	256-QAM	1	0	18.07	18.12	18.04	18.50	5
		1	25	18.09	18.07	18.00	18.50	5
		1	49	18.20	18.11	18.08	18.50	5
		25	0	18.22	18.14	17.92	18.50	5
		25	12	18.22	17.99	17.92	18.50	5
		25	25	18.17	18.12	17.94	18.50	5
		50	0	18.13	18.03	17.93	18.50	5

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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	23.06	22.98	22.85	23.50	0
		1	12	22.92	22.86	22.83	23.50	0
		1	24	22.89	22.77	22.74	23.50	0
		12	0	21.98	21.83	21.74	22.50	1
		12	6	22.00	22.03	21.77	22.50	1
		12	13	21.92	21.90	21.82	22.50	1
		25	0	21.94	21.87	21.78	22.50	1
5	16-QAM	1	0	21.93	22.00	21.87	22.50	1
		1	12	21.99	21.77	21.77	22.50	1
		1	24	21.95	21.86	21.86	22.50	1
		12	0	20.90	20.97	20.84	21.50	2
		12	6	21.01	20.84	20.77	21.50	2
		12	13	20.85	20.88	20.84	21.50	2
		25	0	20.99	20.89	20.87	21.50	2
5	64-QAM	1	0	20.92	20.81	20.84	21.50	2
		1	12	20.86	20.85	20.92	21.50	2
		1	24	20.94	20.93	20.70	21.50	2
		12	0	20.09	19.94	19.82	20.50	3
		12	6	19.93	19.89	19.70	20.50	3
		12	13	19.91	19.92	19.73	20.50	3
		25	0	19.93	20.01	19.75	20.50	3
5	256-QAM	1	0	18.20	18.14	18.07	18.50	5
		1	12	18.29	18.10	17.98	18.50	5
		1	24	18.18	17.99	18.00	18.50	5
		12	0	18.18	18.06	18.09	18.50	5
		12	6	18.14	18.00	17.94	18.50	5
		12	13	18.22	18.12	18.00	18.50	5
		25	0	18.14	17.98	17.93	18.50	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	22.92	22.85	22.90	23.50	0
		1	7	22.90	22.90	22.81	23.50	0
		1	14	22.92	22.92	22.81	23.50	0
		8	0	22.02	21.99	21.79	22.50	1
		8	4	21.99	21.90	21.71	22.50	1
		8	7	22.02	21.80	21.85	22.50	1
		15	0	22.07	21.80	21.77	22.50	1
3	16-QAM	1	0	22.07	21.90	21.79	22.50	1
		1	7	21.86	21.90	21.79	22.50	1
		1	14	21.92	21.93	21.74	22.50	1
		8	0	20.97	20.91	20.87	21.50	2
		8	4	20.97	20.95	20.80	21.50	2
		8	7	20.94	20.82	20.80	21.50	2
		15	0	21.07	20.91	20.78	21.50	2
3	64-QAM	1	0	21.03	20.89	20.77	21.50	2
		1	7	21.12	20.94	20.87	21.50	2
		1	14	20.91	20.84	20.70	21.50	2
		8	0	19.90	19.90	19.75	20.50	3
		8	4	19.88	19.81	19.83	20.50	3
		8	7	19.93	19.86	19.79	20.50	3
		15	0	19.99	19.90	19.74	20.50	3
3	256-QAM	1	0	18.14	18.14	18.06	18.50	5
		1	7	18.18	17.97	17.99	18.50	5
		1	14	18.22	18.13	17.97	18.50	5
		8	0	18.08	18.15	17.99	18.50	5
		8	4	18.16	18.06	18.02	18.50	5
		8	7	18.14	18.14	17.90	18.50	5
		15	0	18.14	18.06	18.00	18.50	5

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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	23.08	23.01	22.78	23.50	0
		1	2	22.92	22.85	22.81	23.50	0
		1	5	22.95	22.81	22.71	23.50	0
		3	0	22.89	22.86	22.83	23.50	0
		3	2	22.96	22.89	22.77	23.50	0
		3	3	23.03	23.00	22.72	23.50	0
		6	0	21.97	21.90	21.89	22.50	1
1.4	16-QAM	1	0	21.99	21.93	21.67	22.50	1
		1	2	21.97	21.82	21.81	22.50	1
		1	5	21.86	21.82	21.71	22.50	1
		3	0	21.90	21.92	21.70	22.50	1
		3	2	22.09	21.84	21.84	22.50	1
		3	3	21.92	21.82	21.76	22.50	1
		6	0	20.87	20.92	20.75	21.50	2
1.4	64-QAM	1	0	21.07	20.91	20.81	21.50	2
		1	2	20.96	20.90	20.80	21.50	2
		1	5	20.93	20.87	20.86	21.50	2
		3	0	21.00	20.87	20.72	21.50	2
		3	2	21.03	20.87	20.75	21.50	2
		3	3	20.97	20.92	20.69	21.50	2
		6	0	20.04	20.02	19.85	20.50	3
1.4	256-QAM	1	0	18.22	18.06	17.99	20.50	3
		1	2	18.17	18.08	17.95	20.50	3
		1	5	18.10	18.03	17.99	20.50	3
		3	0	18.12	18.08	18.04	20.50	3
		3	2	18.10	18.17	17.97	20.50	3
		3	3	18.26	18.05	17.94	20.50	3
		6	0	18.19	18.15	17.95	18.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	22.33	22.34	22.46	22.50	0
		1	50	22.20	22.30	22.33	22.50	0
		1	99	22.11	22.17	22.28	22.50	0
		50	0	21.16	21.07	21.21	21.50	1
		50	25	21.14	21.13	21.35	21.50	1
		50	50	21.12	21.28	21.32	21.50	1
		100	0	21.10	21.29	21.26	21.50	1
20	16-QAM	1	0	21.11	21.17	21.21	21.50	1
		1	50	21.17	21.24	21.44	21.50	1
		1	99	21.23	21.12	21.22	21.50	1
		50	0	20.16	20.22	20.25	20.50	2
		50	25	20.19	20.29	20.41	20.50	2
		50	50	20.28	20.21	20.23	20.50	2
		100	0	20.17	20.27	20.28	20.50	2
20	64-QAM	1	0	20.18	20.29	20.20	20.50	2
		1	50	20.17	20.23	20.26	20.50	2
		1	99	20.18	20.26	20.43	20.50	2
		50	0	19.22	19.15	19.28	19.50	3
		50	25	19.10	19.14	19.23	19.50	3
		50	50	19.21	19.16	19.31	19.50	3
		100	0	19.22	19.25	19.28	19.50	3
20	256-QAM	1	0	17.46	17.50	17.45	17.50	5
		1	50	17.26	17.35	17.34	17.50	5
		1	99	17.32	17.39	17.37	17.50	5
		50	0	17.43	17.35	17.45	17.50	5
		50	25	17.33	17.36	17.25	17.50	5
		50	50	17.24	17.44	17.50	17.50	5
		100	0	17.37	17.33	17.45	17.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				18675	18900	19125		
15	QPSK	1	0	22.34	22.33	22.47	22.50	0
		1	36	22.19	22.31	22.31	22.50	0
		1	74	22.11	22.17	22.27	22.50	0
		36	0	21.14	21.08	21.20	21.50	1
		36	18	21.12	21.12	21.34	21.50	1
		36	37	21.14	21.26	21.33	21.50	1
		75	0	21.12	21.29	21.28	21.50	1
15	16-QAM	1	0	21.13	21.16	21.21	21.50	1
		1	36	21.19	21.24	21.46	21.50	1
		1	74	21.22	21.12	21.20	21.50	1
		36	0	20.18	20.24	20.26	20.50	2
		36	18	20.18	20.30	20.40	20.50	2
		36	37	20.29	20.19	20.22	20.50	2
		75	0	20.15	20.25	20.29	20.50	2
15	64-QAM	1	0	20.18	20.28	20.21	20.50	2
		1	36	20.19	20.25	20.26	20.50	2
		1	74	20.20	20.24	20.41	20.50	2
		36	0	19.21	19.15	19.28	19.50	3
		36	18	19.12	19.13	19.23	19.50	3
		36	37	19.22	19.15	19.32	19.50	3
		75	0	19.20	19.23	19.30	19.50	3
15	256-QAM	1	0	17.45	17.43	17.33	17.50	5
		1	36	17.28	17.35	17.35	17.50	5
		1	74	17.33	17.39	17.44	17.50	5
		36	0	17.45	17.37	17.43	17.50	5
		36	18	17.31	17.34	17.43	17.50	5
		36	37	17.26	17.33	17.48	17.50	5
		75	0	17.38	17.32	17.44	17.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				18650	18900	19150		
10	QPSK	1	0	22.31	22.35	22.46	22.50	0
		1	25	22.18	22.32	22.31	22.50	0
		1	49	22.12	22.17	22.26	22.50	0
		25	0	21.15	21.08	21.21	21.50	1
		25	12	21.14	21.11	21.36	21.50	1
		25	25	21.13	21.28	21.33	21.50	1
		50	0	21.09	21.30	21.24	21.50	1
10	16-QAM	1	0	21.13	21.17	21.21	21.50	1
		1	25	21.18	21.26	21.46	21.50	1
		1	49	21.24	21.13	21.24	21.50	1
		25	0	20.17	20.24	20.23	20.50	2
		25	12	20.19	20.30	20.39	20.50	2
		25	25	20.30	20.21	20.22	20.50	2
		50	0	20.15	20.26	20.27	20.50	2
10	64-QAM	1	0	20.20	20.30	20.18	20.50	2
		1	25	20.15	20.21	20.27	20.50	2
		1	49	20.19	20.24	20.45	20.50	2
		25	0	19.21	19.17	19.26	19.50	3
		25	12	19.09	19.13	19.21	19.50	3
		25	25	19.19	19.14	19.33	19.50	3
		50	0	19.22	19.27	19.28	19.50	3
10	256-QAM	1	0	17.45	17.45	17.46	17.50	5
		1	25	17.26	17.36	17.23	17.50	5
		1	49	17.33	17.37	17.44	17.50	5
		25	0	17.44	17.34	17.41	17.50	5
		25	12	17.32	17.38	17.44	17.50	5
		25	25	17.22	17.50	17.48	17.50	5
		50	0	17.35	17.34	17.43	17.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				18625	18900	19175		
5	QPSK	1	0	22.35	22.32	22.46	22.50	0
		1	12	22.21	22.30	22.31	22.50	0
		1	24	22.12	22.16	22.30	22.50	0
		12	0	21.18	21.06	21.19	21.50	1
		12	6	21.13	21.13	21.33	21.50	1
		12	13	21.12	21.28	21.30	21.50	1
		25	0	21.12	21.30	21.24	21.50	1
5	16-QAM	1	0	21.10	21.15	21.21	21.50	1
		1	12	21.17	21.24	21.46	21.50	1
		1	24	21.22	21.12	21.23	21.50	1
		12	0	20.18	20.22	20.27	20.50	2
		12	6	20.17	20.31	20.39	20.50	2
		12	13	20.27	20.21	20.21	20.50	2
		25	0	20.18	20.27	20.30	20.50	2
5	64-QAM	1	0	20.18	20.30	20.19	20.50	2
		1	12	20.17	20.25	20.24	20.50	2
		1	24	20.16	20.24	20.43	20.50	2
		12	0	19.22	19.14	19.30	19.50	3
		12	6	19.09	19.14	19.23	19.50	3
		12	13	19.23	19.14	19.29	19.50	3
		25	0	19.23	19.23	19.30	19.50	3
5	256-QAM	1	0	17.44	17.44	17.34	17.50	5
		1	12	17.27	17.33	17.43	17.50	5
		1	24	17.32	17.41	17.33	17.50	5
		12	0	17.43	17.33	17.45	17.50	5
		12	6	17.34	17.36	17.23	17.50	5
		12	13	17.24	17.49	17.14	17.50	5
		25	0	17.39	17.31	17.43	17.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	22.34	22.35	22.45	22.50	0
		1	7	22.18	22.30	22.32	22.50	0
		1	14	22.10	22.19	22.27	22.50	0
		8	0	21.17	21.09	21.19	21.50	1
		8	4	21.12	21.12	21.37	21.50	1
		8	7	21.11	21.30	21.31	21.50	1
		15	0	21.12	21.31	21.27	21.50	1
3	16-QAM	1	0	21.12	21.16	21.20	21.50	1
		1	7	21.15	21.24	21.42	21.50	1
		1	14	21.24	21.10	21.20	21.50	1
		8	0	20.14	20.20	20.24	20.50	2
		8	4	20.19	20.28	20.41	20.50	2
		8	7	20.26	20.20	20.22	20.50	2
		15	0	20.15	20.27	20.26	20.50	2
3	64-QAM	1	0	20.17	20.31	20.18	20.50	2
		1	7	20.18	20.23	20.28	20.50	2
		1	14	20.16	20.26	20.45	20.50	2
		8	0	19.23	19.17	19.27	19.50	3
		8	4	19.08	19.13	19.25	19.50	3
		8	7	19.22	19.14	19.33	19.50	3
		15	0	19.20	19.25	19.27	19.50	3
3	256-QAM	1	0	17.47	17.50	17.46	17.50	5
		1	7	17.24	17.34	17.44	17.50	5
		1	14	17.33	17.37	17.46	17.50	5
		8	0	17.42	17.35	17.45	17.50	5
		8	4	17.35	17.34	17.33	17.50	5
		8	7	17.26	17.49	17.49	17.50	5
		15	0	17.39	17.31	17.45	17.50	5

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	22.35	22.34	22.47	22.50	0
		1	2	22.18	22.28	22.33	22.50	0
		1	5	22.13	22.15	22.26	22.50	0
		3	0	22.20	22.32	22.35	22.50	0
		3	2	22.21	22.31	22.32	22.50	0
		3	3	22.13	22.19	22.29	22.50	0
1.4	16-QAM	6	0	21.11	21.29	21.27	21.50	1
		1	0	21.10	21.19	21.21	21.50	1
		1	2	21.15	21.24	21.43	21.50	1
		1	5	21.24	21.11	21.20	21.50	1
		3	0	21.14	21.05	21.20	21.50	1
		3	2	21.12	21.14	21.35	21.50	1
1.4	64-QAM	3	3	21.11	21.26	21.33	21.50	1
		6	0	20.16	20.26	20.26	20.50	2
		1	0	20.20	20.27	20.21	20.50	2
		1	2	20.18	20.24	20.28	20.50	2
		1	5	20.18	20.28	20.41	20.50	2
		3	0	20.20	20.29	20.19	20.50	2
1.4	256-QAM	3	2	20.15	20.24	20.25	20.50	2
		3	3	20.20	20.28	20.43	20.50	2
		6	0	19.21	19.25	19.29	19.50	3
		1	0	19.21	19.17	19.29	19.50	3
		1	2	19.10	19.16	19.21	19.50	3
		1	5	19.21	19.15	19.29	19.50	3
1.4	256-QAM	3	0	19.20	19.26	19.27	19.50	3
		3	2	19.21	19.18	19.30	19.50	3
		3	3	19.20	19.27	19.27	19.50	3
		6	0	17.36	17.34	17.43	17.50	5

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	22.90	22.75	22.75	23.00	0
		1	50	22.64	22.58	22.64	23.00	0
		1	99	22.80	22.56	22.61	23.00	0
		50	0	21.77	21.50	21.55	22.00	1
		50	25	21.70	21.53	21.68	22.00	1
		50	50	21.79	21.54	21.56	22.00	1
		100	0	21.73	21.57	21.62	22.00	1
20	16-QAM	1	0	21.74	21.67	21.74	22.00	1
		1	50	21.71	21.56	21.61	22.00	1
		1	99	21.68	21.65	21.76	22.00	1
		50	0	20.83	20.54	20.69	21.00	2
		50	25	20.76	20.69	20.66	21.00	2
		50	50	20.74	20.58	20.57	21.00	2
		100	0	20.67	20.60	20.66	21.00	2
20	64-QAM	1	0	20.73	20.49	20.62	21.00	2
		1	50	20.74	20.62	20.67	21.00	2
		1	99	20.80	20.47	20.69	21.00	2
		50	0	19.80	19.64	19.64	20.00	3
		50	25	19.67	19.67	19.56	20.00	3
		50	50	19.80	19.65	19.63	20.00	3
		100	0	19.89	19.56	19.66	20.00	3
20	256-QAM	1	0	17.85	17.79	17.71	18.00	5
		1	50	17.65	17.87	17.85	18.00	5
		1	99	17.86	17.68	17.76	18.00	5
		50	0	17.95	17.81	17.87	18.00	5
		50	25	17.99	17.67	17.81	18.00	5
		50	50	17.55	17.80	17.86	18.00	5
		100	0	17.89	17.76	17.72	18.00	5

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	22.89	22.72	22.75	23.00	0
		1	36	22.64	22.56	22.61	23.00	0
		1	74	22.76	22.54	22.58	23.00	0
		36	0	21.77	21.47	21.51	22.00	1
		36	18	21.66	21.49	21.67	22.00	1
		36	37	21.75	21.50	21.54	22.00	1
		75	0	21.72	21.57	21.61	22.00	1
15	16-QAM	1	0	21.71	21.63	21.70	22.00	1
		1	36	21.71	21.52	21.58	22.00	1
		1	74	21.68	21.61	21.72	22.00	1
		36	0	20.83	20.50	20.67	21.00	2
		36	18	20.73	20.67	20.64	21.00	2
		36	37	20.71	20.58	20.54	21.00	2
		75	0	20.65	20.60	20.65	21.00	2
15	64-QAM	1	0	20.69	20.49	20.58	21.00	2
		1	36	20.70	20.61	20.65	21.00	2
		1	74	20.80	20.43	20.66	21.00	2
		36	0	19.80	19.63	19.61	20.00	3
		36	18	19.64	19.66	19.53	20.00	3
		36	37	19.79	19.62	19.62	20.00	3
		75	0	19.89	19.55	19.64	20.00	3
15	256-QAM	1	0	17.82	17.76	17.68	18.00	5
		1	36	17.62	17.84	17.82	18.00	5
		1	74	17.85	17.65	17.73	18.00	5
		36	0	17.91	17.80	17.84	18.00	5
		36	18	17.95	17.63	17.80	18.00	5
		36	37	17.51	17.77	17.84	18.00	5
		75	0	17.88	17.72	17.70	18.00	5

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	22.90	22.73	22.73	23.00	0
		1	25	22.62	22.55	22.61	23.00	0
		1	49	22.79	22.56	22.57	23.00	0
		25	0	21.74	21.46	21.51	22.00	1
		25	12	21.66	21.51	21.66	22.00	1
		25	25	21.76	21.50	21.52	22.00	1
		50	0	21.72	21.53	21.62	22.00	1
10	16-QAM	1	0	21.72	21.64	21.71	22.00	1
		1	25	21.69	21.55	21.61	22.00	1
		1	49	21.64	21.64	21.72	22.00	1
		25	0	20.83	20.50	20.69	21.00	2
		25	12	20.75	20.69	20.62	21.00	2
		25	25	20.73	20.58	20.57	21.00	2
		50	0	20.65	20.58	20.66	21.00	2
10	64-QAM	1	0	20.72	20.49	20.58	21.00	2
		1	25	20.73	20.61	20.63	21.00	2
		1	49	20.79	20.44	20.65	21.00	2
		25	0	19.78	19.60	19.61	20.00	3
		25	12	19.65	19.64	19.52	20.00	3
		25	25	19.77	19.64	19.60	20.00	3
		50	0	19.86	19.55	19.64	20.00	3
10	256-QAM	1	0	17.84	17.75	17.71	18.00	5
		1	25	17.65	17.83	17.81	18.00	5
		1	49	17.86	17.68	17.74	18.00	5
		25	0	17.95	17.81	17.87	18.00	5
		25	12	17.99	17.65	17.77	18.00	5
		25	25	17.53	17.79	17.84	18.00	5
		50	0	17.87	17.75	17.68	18.00	5

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	22.88	22.71	22.75	23.00	0
		1	12	22.63	22.56	22.61	23.00	0
		1	24	22.76	22.52	22.57	23.00	0
		12	0	21.77	21.47	21.52	22.00	1
		12	6	21.69	21.50	21.67	22.00	1
		12	13	21.77	21.50	21.56	22.00	1
		25	0	21.73	21.57	21.59	22.00	1
5	16-QAM	1	0	21.70	21.66	21.70	22.00	1
		1	12	21.70	21.55	21.58	22.00	1
		1	24	21.66	21.64	21.72	22.00	1
		12	0	20.80	20.54	20.69	21.00	2
		12	6	20.75	20.69	20.64	21.00	2
		12	13	20.70	20.56	20.55	21.00	2
		25	0	20.63	20.60	20.62	21.00	2
5	64-QAM	1	0	20.70	20.48	20.60	21.00	2
		1	12	20.74	20.60	20.63	21.00	2
		1	24	20.78	20.45	20.68	21.00	2
		12	0	19.77	19.60	19.61	20.00	3
		12	6	19.63	19.64	19.56	20.00	3
		12	13	19.80	19.63	19.60	20.00	3
		25	0	19.86	19.53	19.65	20.00	3
5	256-QAM	1	0	17.84	17.76	17.69	18.00	5
		1	12	17.64	17.83	17.85	18.00	5
		1	24	17.86	17.65	17.74	18.00	5
		12	0	17.92	17.77	17.86	18.00	5
		12	6	17.97	17.66	17.80	18.00	5
		12	13	17.52	17.80	17.82	18.00	5
		25	0	17.86	17.75	17.72	18.00	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	22.81	22.88	22.95	23.00	0
		1	50	22.59	22.57	22.77	23.00	0
		1	99	22.56	22.70	22.93	23.00	0
		50	0	21.60	21.76	21.81	22.00	1
		50	25	21.47	21.71	21.86	22.00	1
		50	50	21.56	21.75	21.87	22.00	1
		100	0	21.61	21.76	21.90	22.00	1
20	16-QAM	1	0	21.56	21.80	21.79	22.00	1
		1	50	21.65	21.66	21.85	22.00	1
		1	99	21.66	21.65	21.86	22.00	1
		50	0	20.47	20.60	20.82	21.00	2
		50	25	20.62	20.63	20.86	21.00	2
		50	50	20.53	20.80	20.72	21.00	2
		100	0	20.63	20.73	20.95	21.00	2
20	64-QAM	1	0	20.67	20.78	20.78	21.00	2
		1	50	20.68	20.69	20.86	21.00	2
		1	99	20.63	20.70	20.86	21.00	2
		50	0	19.63	19.79	19.86	20.00	3
		50	25	19.64	19.73	19.83	20.00	3
		50	50	19.67	19.72	19.76	20.00	3
		100	0	19.55	19.78	19.77	20.00	3
20	256-QAM	1	0	17.88	17.94	17.95	18.00	5
		1	50	17.92	17.96	17.90	18.00	5
		1	99	17.86	17.86	17.92	18.00	5
		50	0	17.80	17.85	17.83	18.00	5
		50	25	17.84	17.89	17.90	18.00	5
		50	50	17.81	17.94	17.81	18.00	5
		100	0	17.80	17.99	17.86	18.00	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	22.77	22.79	22.89	23.00	0
		1	36	22.58	22.53	22.77	23.00	0
		1	74	22.49	22.68	22.93	23.00	0
		36	0	21.59	21.76	21.77	22.00	1
		36	18	21.47	21.66	21.78	22.00	1
		36	37	21.55	21.75	21.82	22.00	1
		75	0	21.61	21.75	21.81	22.00	1
15	16-QAM	1	0	21.50	21.74	21.79	22.00	1
		1	36	21.58	21.63	21.83	22.00	1
		1	74	21.66	21.57	21.77	22.00	1
		36	0	20.40	20.56	20.82	21.00	2
		36	18	20.59	20.61	20.78	21.00	2
		36	37	20.53	20.77	20.66	21.00	2
		75	0	20.55	20.66	20.86	21.00	2
15	64-QAM	1	0	20.66	20.72	20.77	21.00	2
		1	36	20.67	20.64	20.79	21.00	2
		1	74	20.59	20.65	20.82	21.00	2
		36	0	19.62	19.78	19.78	20.00	3
		36	18	19.56	19.65	19.82	20.00	3
		36	37	19.65	19.67	19.67	20.00	3
		75	0	19.50	19.74	19.75	20.00	3
15	256-QAM	1	0	17.81	17.89	17.87	18.00	5
		1	36	17.90	17.89	17.84	18.00	5
		1	74	17.84	17.81	17.89	18.00	5
		36	0	17.79	17.79	17.78	18.00	5
		36	18	17.79	17.87	17.85	18.00	5
		36	37	17.79	17.86	17.80	18.00	5
		75	0	17.78	17.90	17.78	18.00	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)			1855	1882.5	1910			
Channel			26090	26365	26640			
10	QPSK	1	0	22.75	22.87	22.88	23.00	0
		1	25	22.52	22.57	22.74	23.00	0
		1	49	22.52	22.67	22.87	23.00	0
		25	0	21.57	21.70	21.81	22.00	1
		25	12	21.44	21.63	21.85	22.00	1
		25	25	21.47	21.71	21.80	22.00	1
10	16-QAM	50	0	21.55	21.74	21.89	22.00	1
		1	0	21.49	21.71	21.77	22.00	1
		1	25	21.65	21.66	21.79	22.00	1
		1	49	21.58	21.65	21.82	22.00	1
		25	0	20.45	20.56	20.77	21.00	2
		25	12	20.61	20.61	20.85	21.00	2
10	64-QAM	25	25	20.51	20.71	20.64	21.00	2
		50	0	20.60	20.73	20.94	21.00	2
		1	0	20.66	20.75	20.75	21.00	2
		1	25	20.59	20.60	20.80	21.00	2
		1	49	20.62	20.67	20.83	21.00	2
		25	0	19.57	19.72	19.86	20.00	3
10	256-QAM	25	12	19.63	19.65	19.75	20.00	3
		25	25	19.58	19.63	19.69	20.00	3
		50	0	19.51	19.69	19.72	20.00	3
		1	0	17.85	17.93	17.92	18.00	5
		1	25	17.85	17.88	17.83	18.00	5
		1	49	17.78	17.78	17.84	18.00	5
10	256-QAM	25	0	17.72	17.83	17.79	18.00	5
		25	12	17.76	17.89	17.87	18.00	5
		25	25	17.79	17.89	17.78	18.00	5
		50	0	17.73	17.95	17.82	18.00	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	22.78	22.81	22.88	23.00	0
		1	12	22.57	22.48	22.76	23.00	0
		1	24	22.52	22.65	22.87	23.00	0
		12	0	21.51	21.76	21.78	22.00	1
		12	6	21.43	21.70	21.81	22.00	1
		12	13	21.48	21.69	21.78	22.00	1
		25	0	21.56	21.73	21.81	22.00	1
5	16-QAM	1	0	21.53	21.76	21.71	22.00	1
		1	12	21.59	21.57	21.76	22.00	1
		1	24	21.60	21.59	21.83	22.00	1
		12	0	20.42	20.51	20.78	21.00	2
		12	6	20.58	20.55	20.77	21.00	2
		12	13	20.47	20.75	20.72	21.00	2
		25	0	20.59	20.65	20.93	21.00	2
5	64-QAM	1	0	20.60	20.76	20.73	21.00	2
		1	12	20.65	20.61	20.82	21.00	2
		1	24	20.57	20.69	20.85	21.00	2
		12	0	19.58	19.79	19.77	20.00	3
		12	6	19.59	19.66	19.76	20.00	3
		12	13	19.59	19.64	19.67	20.00	3
		25	0	19.49	19.70	19.74	20.00	3
5	256-QAM	1	0	17.88	17.93	17.93	18.00	5
		1	12	17.89	17.94	17.89	18.00	5
		1	24	17.81	17.86	17.87	18.00	5
		12	0	17.77	17.77	17.76	18.00	5
		12	6	17.83	17.88	17.88	18.00	5
		12	13	17.79	17.89	17.72	18.00	5
		25	0	17.74	17.99	17.85	18.00	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	22.73	22.85	22.90	23.00	0
		1	7	22.59	22.57	22.72	23.00	0
		1	14	22.51	22.70	22.93	23.00	0
		8	0	21.57	21.74	21.81	22.00	1
		8	4	21.45	21.66	21.78	22.00	1
		8	7	21.47	21.68	21.80	22.00	1
		15	0	21.53	21.68	21.83	22.00	1
3	16-QAM	1	0	21.55	21.77	21.75	22.00	1
		1	7	21.58	21.64	21.82	22.00	1
		1	14	21.62	21.56	21.77	22.00	1
		8	0	20.46	20.55	20.82	21.00	2
		8	4	20.60	20.56	20.79	21.00	2
		8	7	20.51	20.75	20.71	21.00	2
		15	0	20.63	20.67	20.90	21.00	2
3	64-QAM	1	0	20.60	20.74	20.73	21.00	2
		1	7	20.61	20.65	20.84	21.00	2
		1	14	20.55	20.61	20.82	21.00	2
		8	0	19.56	19.71	19.86	20.00	3
		8	4	19.58	19.70	19.82	20.00	3
		8	7	19.58	19.63	19.72	20.00	3
		15	0	19.53	19.70	19.68	20.00	3
3	256-QAM	1	0	17.80	17.85	17.95	18.00	5
		1	7	17.91	17.89	17.89	18.00	5
		1	14	17.86	17.79	17.83	18.00	5
		8	0	17.75	17.78	17.82	18.00	5
		8	4	17.79	17.83	17.82	18.00	5
		8	7	17.75	17.88	17.79	18.00	5
		15	0	17.74	17.94	17.85	18.00	5

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LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	22.74	22.84	22.88	23.00	0
		1	2	22.51	22.50	22.75	23.00	0
		1	5	22.51	22.65	22.93	23.00	0
		3	0	22.81	22.79	22.87	23.00	0
		3	2	22.55	22.55	22.69	23.00	0
		3	3	22.47	22.68	22.90	23.00	0
		6	0	21.59	21.72	21.89	22.00	1
1.4	16-QAM	1	0	21.56	21.76	21.79	22.00	1
		1	2	21.56	21.66	21.81	22.00	1
		1	5	21.61	21.65	21.85	22.00	1
		3	0	21.60	21.70	21.81	22.00	1
		3	2	21.43	21.66	21.83	22.00	1
		3	3	21.52	21.72	21.85	22.00	1
		6	0	20.56	20.73	20.86	21.00	2
1.4	64-QAM	1	0	20.64	20.70	20.73	21.00	2
		1	2	20.68	20.66	20.82	21.00	2
		1	5	20.60	20.65	20.78	21.00	2
		3	0	20.41	20.55	20.79	21.00	2
		3	2	20.61	20.62	20.85	21.00	2
		3	3	20.52	20.74	20.72	21.00	2
		6	0	19.46	19.77	19.68	20.00	3
1.4	256-QAM	1	0	19.60	19.76	19.78	20.00	3
		1	2	19.57	19.65	19.75	20.00	3
		1	5	19.66	19.69	19.75	20.00	3
		3	0	19.55	19.75	19.86	20.00	3
		3	2	19.56	19.72	19.83	20.00	3
		3	3	19.61	19.71	19.68	20.00	3
		6	0	17.78	17.94	17.86	18.00	5

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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		23.43		24.00	0
		1	25		23.27		24.00	0
		1	49		23.33		24.00	0
		25	0		22.27		23.00	1
		25	12		22.28		23.00	1
		25	25		22.25		23.00	1
		50	0		22.26		23.00	1
10	16-QAM	1	0		22.25		23.00	1
		1	25		22.20		23.00	1
		1	49		22.22		23.00	1
		25	0		21.23		22.00	2
		25	12		21.31		22.00	2
		25	25		21.19		22.00	2
		50	0		21.24		22.00	2
10	64-QAM	1	0		21.32		22.00	2
		1	25		21.28		22.00	2
		1	49		21.27		22.00	2
		25	0		20.23		21.00	3
		25	12		20.36		21.00	3
		25	25		20.20		21.00	3
		50	0		20.25		21.00	3
10	256-QAM	1	0		18.49		21.00	3
		1	25		18.50		21.00	3
		1	49		18.57		21.00	3
		25	0		18.58		20.00	4
		25	12		18.44		20.00	4
		25	25		18.34		20.00	4
		50	0		18.45		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)				2307.5	2310	2312.5		
Channel				27685	27710	27735		
5	QPSK	1	0	23.29	23.31	23.28	24.00	0
		1	12	23.33	23.25	23.16	24.00	0
		1	24	23.17	23.16	23.27	24.00	0
		12	0	22.31	22.30	22.26	23.00	1
		12	6	22.25	22.38	22.24	23.00	1
		12	13	22.32	22.22	22.24	23.00	1
		25	0	22.38	22.34	22.22	23.00	1
5	16-QAM	1	0	22.19	22.32	22.38	23.00	1
		1	12	22.26	22.35	22.27	23.00	1
		1	24	22.20	22.28	22.16	23.00	1
		12	0	21.13	21.34	21.35	22.00	2
		12	6	21.28	21.30	21.27	22.00	2
		12	13	21.16	21.21	21.30	22.00	2
		25	0	21.37	21.27	21.18	22.00	2
5	64-QAM	1	0	21.35	21.38	21.26	22.00	2
		1	12	21.13	21.30	21.23	22.00	2
		1	24	21.28	21.33	21.16	22.00	2
		12	0	20.27	20.29	20.30	21.00	3
		12	6	20.25	20.23	20.27	21.00	3
		12	13	20.38	20.38	20.30	21.00	3
		25	0	20.27	20.17	20.26	21.00	3
5	256-QAM	1	0	18.57	18.52	18.50	21.00	3
		1	12	18.40	18.41	18.58	21.00	3
		1	24	18.46	18.47	18.45	21.00	3
		12	0	18.36	18.37	18.37	20.00	4
		12	6	18.52	18.40	18.53	20.00	4
		12	13	18.56	18.51	18.43	20.00	4
		25	0	18.38	18.36	18.44	20.00	4

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LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	18.33	18.29	18.45	18.50	0
		1	50	18.30	18.32	18.27	18.50	0
		1	99	18.23	18.25	18.33	18.50	0
		50	0	17.21	17.31	17.21	17.50	1
		50	25	17.33	17.23	17.21	17.50	1
		50	50	17.34	17.31	17.44	17.50	1
		100	0	17.20	17.20	17.31	17.50	1
20	16-QAM	1	0	17.28	17.21	17.26	17.50	1
		1	50	17.34	17.22	17.32	17.50	1
		1	99	17.16	17.32	17.35	17.50	1
		50	0	16.23	16.26	16.21	16.50	2
		50	25	16.26	16.26	16.26	16.50	2
		50	50	16.20	16.19	16.22	16.50	2
		100	0	16.25	16.33	16.17	16.50	2
20	64-QAM	1	0	16.18	16.27	16.21	16.50	2
		1	50	16.31	16.20	16.16	16.50	2
		1	99	16.24	16.30	16.29	16.50	2
		50	0	15.34	15.33	15.24	15.50	3
		50	25	15.21	15.33	15.32	15.50	3
		50	50	15.33	15.28	15.18	15.50	3
		100	0	15.21	15.18	15.33	15.50	3
20	256-QAM	1	0	13.27	13.16	13.20	13.50	5
		1	50	13.20	13.25	13.18	13.50	5
		1	99	13.20	13.20	13.18	13.50	5
		50	0	13.17	13.19	13.21	13.50	5
		50	25	13.24	13.21	13.28	13.50	5
		50	50	13.24	13.35	13.30	13.50	5
		100	0	13.23	13.26	13.17	13.50	5

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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	18.28	18.26	18.20	18.50	0
		1	36	18.18	18.27	18.29	18.50	0
		1	74	18.32	18.23	18.27	18.50	0
		36	0	17.29	17.29	17.18	17.50	1
		36	18	17.27	17.28	17.18	17.50	1
		36	37	17.16	17.34	17.30	17.50	1
		75	0	17.33	17.17	17.35	17.50	1
15	16-QAM	1	0	17.27	17.24	17.35	17.50	1
		1	36	17.35	17.35	17.22	17.50	1
		1	74	17.26	17.20	17.16	17.50	1
		36	0	16.19	16.29	16.35	16.50	2
		36	18	16.21	16.26	16.27	16.50	2
		36	37	16.27	16.19	16.17	16.50	2
		75	0	16.28	16.20	16.32	16.50	2
15	64-QAM	1	0	16.20	16.22	16.22	16.50	2
		1	36	16.27	16.26	16.29	16.50	2
		1	74	16.17	16.27	16.18	16.50	2
		36	0	15.33	15.17	15.22	15.50	3
		36	18	15.19	15.29	15.19	15.50	3
		36	37	15.28	15.16	15.28	15.50	3
		75	0	15.24	15.33	15.19	15.50	3
15	256-QAM	1	0	13.33	13.26	13.34	13.50	5
		1	36	13.27	13.17	13.21	13.50	5
		1	74	13.26	13.24	13.17	13.50	5
		36	0	13.17	13.28	13.17	13.50	5
		36	18	13.31	13.21	13.32	13.50	5
		36	37	13.32	13.18	13.33	13.50	5
		75	0	13.30	13.21	13.29	13.50	5

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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	18.34	18.30	18.16	18.50	0
		1	25	18.17	18.32	18.33	18.50	0
		1	49	18.30	18.19	18.16	18.50	0
		25	0	17.20	17.17	17.27	17.50	1
		25	12	17.29	17.35	17.28	17.50	1
		25	25	17.32	17.27	17.32	17.50	1
		50	0	17.32	17.22	17.29	17.50	1
10	16-QAM	1	0	17.17	17.35	17.25	17.50	1
		1	25	17.34	17.29	17.22	17.50	1
		1	49	17.17	17.16	17.17	17.50	1
		25	0	16.30	16.27	16.35	16.50	2
		25	12	16.22	16.19	16.19	16.50	2
		25	25	16.28	16.35	16.17	16.50	2
		50	0	16.30	16.26	16.34	16.50	2
10	64-QAM	1	0	16.29	16.23	16.28	16.50	2
		1	25	16.33	16.24	16.30	16.50	2
		1	49	16.35	16.35	16.17	16.50	2
		25	0	15.30	15.19	15.23	15.50	3
		25	12	15.34	15.33	15.33	15.50	3
		25	25	15.33	15.23	15.35	15.50	3
		50	0	15.24	15.18	15.29	15.50	3
10	256-QAM	1	0	13.19	13.32	13.30	13.50	5
		1	25	13.26	13.30	13.30	13.50	5
		1	49	13.26	13.30	13.25	13.50	5
		25	0	13.16	13.18	13.19	13.50	5
		25	12	13.21	13.20	13.30	13.50	5
		25	25	13.17	13.16	13.30	13.50	5
		50	0	13.30	13.30	13.28	13.50	5

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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	18.19	18.24	18.27	18.50	0
		1	12	18.21	18.22	18.23	18.50	0
		1	24	18.17	18.34	18.29	18.50	0
		12	0	17.19	17.16	17.33	17.50	1
		12	6	17.25	17.23	17.27	17.50	1
		12	13	17.20	17.29	17.21	17.50	1
		25	0	17.25	17.16	17.31	17.50	1
5	16-QAM	1	0	17.20	17.31	17.23	17.50	1
		1	12	17.23	17.26	17.25	17.50	1
		1	24	17.30	17.23	17.33	17.50	1
		12	0	16.25	16.21	16.20	16.50	2
		12	6	16.21	16.17	16.30	16.50	2
		12	13	16.22	16.18	16.19	16.50	2
		25	0	16.31	16.22	16.35	16.50	2
5	64-QAM	1	0	16.34	16.26	16.23	16.50	2
		1	12	16.31	16.22	16.19	16.50	2
		1	24	16.28	16.25	16.30	16.50	2
		12	0	15.18	15.32	15.29	15.50	3
		12	6	15.21	15.31	15.22	15.50	3
		12	13	15.17	15.29	15.23	15.50	3
		25	0	15.28	15.30	15.30	15.50	3
5	256-QAM	1	0	13.34	13.31	13.22	13.50	5
		1	12	13.18	13.19	13.29	13.50	5
		1	24	13.30	13.23	13.16	13.50	5
		12	0	13.30	13.18	13.23	13.50	5
		12	6	13.16	13.28	13.20	13.50	5
		12	13	13.16	13.28	13.22	13.50	5
		25	0	13.20	13.29	13.32	13.50	5

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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	18.21	18.20	18.27	18.50	0
		1	7	18.31	18.30	18.24	18.50	0
		1	14	18.26	18.24	18.27	18.50	0
		8	0	17.24	17.29	17.22	17.50	1
		8	4	17.23	17.19	17.28	17.50	1
		8	7	17.16	17.20	17.24	17.50	1
		15	0	17.27	17.19	17.21	17.50	1
3	16-QAM	1	0	17.22	17.29	17.21	17.50	1
		1	7	17.32	17.16	17.23	17.50	1
		1	14	17.17	17.21	17.24	17.50	1
		8	0	16.29	16.33	16.31	16.50	2
		8	4	16.17	16.32	16.26	16.50	2
		8	7	16.16	16.16	16.28	16.50	2
		15	0	16.23	16.25	16.21	16.50	2
3	64-QAM	1	0	16.20	16.18	16.30	16.50	2
		1	7	16.22	16.34	16.34	16.50	2
		1	14	16.33	16.29	16.31	16.50	2
		8	0	15.26	15.32	15.35	15.50	3
		8	4	15.19	15.21	15.18	15.50	3
		8	7	15.35	15.16	15.24	15.50	3
		15	0	15.22	15.32	15.30	15.50	3
3	256-QAM	1	0	13.30	13.27	13.17	13.50	5
		1	7	13.28	13.21	13.28	13.50	5
		1	14	13.26	13.26	13.34	13.50	5
		8	0	13.31	13.24	13.27	13.50	5
		8	4	13.32	13.31	13.25	13.50	5
		8	7	13.17	13.35	13.19	13.50	5
		15	0	13.17	13.17	13.33	13.50	5

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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	18.21	18.27	18.23	18.50	0
		1	2	18.28	18.24	18.33	18.50	0
		1	5	18.33	18.23	18.18	18.50	0
		3	0	18.17	18.26	18.31	18.50	0
		3	2	18.25	18.27	18.26	18.50	0
		3	3	18.24	18.26	18.18	18.50	0
		6	0	17.24	17.16	17.34	17.50	1
1.4	16-QAM	1	0	17.33	17.35	17.27	17.50	1
		1	2	17.35	17.22	17.32	17.50	1
		1	5	17.26	17.21	17.31	17.50	1
		3	0	17.30	17.33	17.28	17.50	1
		3	2	17.20	17.31	17.17	17.50	1
		3	3	17.34	17.35	17.19	17.50	1
		6	0	16.35	16.20	16.25	16.50	2
1.4	64-QAM	1	0	16.21	16.30	16.24	16.50	2
		1	2	16.28	16.19	16.20	16.50	2
		1	5	16.20	16.28	16.34	16.50	2
		3	0	16.28	16.20	16.22	16.50	2
		3	2	16.29	16.21	16.25	16.50	2
		3	3	16.21	16.23	16.27	16.50	2
		6	0	15.21	15.35	15.29	15.50	3
1.4	256-QAM	1	0	15.22	15.28	15.23	15.50	3
		1	2	15.22	15.32	15.16	15.50	3
		1	5	15.25	15.34	15.25	15.50	3
		3	0	15.31	15.35	15.17	15.50	3
		3	2	15.35	15.26	15.25	15.50	3
		3	3	15.34	15.20	15.33	15.50	3
		6	0	13.22	13.20	13.26	13.50	5

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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	19.90	19.99	19.98	20.00	0
		1	50	19.90	19.88	19.86	20.00	0
		1	99	19.94	19.85	19.93	20.00	0
		50	0	18.84	18.82	18.91	19.00	1
		50	25	18.97	18.98	18.95	19.00	1
		50	50	18.88	18.96	18.87	19.00	1
		100	0	18.85	18.86	18.95	19.00	1
20	16-QAM	1	0	18.95	18.91	18.85	19.00	1
		1	50	18.94	18.95	18.93	19.00	1
		1	99	18.98	18.95	18.99	19.00	1
		50	0	17.87	17.86	17.82	18.00	2
		50	25	17.95	17.94	17.89	18.00	2
		50	50	17.95	17.81	17.98	18.00	2
		100	0	17.98	17.83	17.99	18.00	2
20	64-QAM	1	0	17.88	17.98	17.89	18.00	2
		1	50	17.83	17.82	17.97	18.00	2
		1	99	17.94	17.94	17.88	18.00	2
		50	0	16.99	16.90	16.84	17.00	3
		50	25	16.83	16.94	16.91	17.00	3
		50	50	16.95	16.87	16.85	17.00	3
		100	0	16.82	16.99	16.82	17.00	3
20	256-QAM	1	0	14.97	14.98	14.84	15.00	5
		1	50	14.93	14.98	14.90	15.00	5
		1	99	14.85	14.87	14.82	15.00	5
		50	0	14.90	14.99	14.90	15.00	5
		50	25	14.89	14.98	14.86	15.00	5
		50	50	14.90	14.99	14.97	15.00	5
		100	0	14.97	14.90	14.82	15.00	5

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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	19.79	19.83	19.72	20.00	0
		1	36	19.74	19.71	19.66	20.00	0
		1	74	19.81	19.77	19.75	20.00	0
		36	0	18.74	18.73	18.80	19.00	1
		36	18	18.79	18.70	18.67	19.00	1
		36	37	18.70	18.85	18.77	19.00	1
		75	0	18.74	18.79	18.77	19.00	1
15	16-QAM	1	0	18.74	18.75	18.84	19.00	1
		1	36	18.76	18.78	18.85	19.00	1
		1	74	18.71	18.78	18.71	19.00	1
		36	0	17.74	17.77	17.73	18.00	2
		36	18	17.80	17.66	17.70	18.00	2
		36	37	17.73	17.75	17.82	18.00	2
		75	0	17.70	17.85	17.77	18.00	2
15	64-QAM	1	0	17.70	17.76	17.79	18.00	2
		1	36	17.76	17.66	17.85	18.00	2
		1	74	17.81	17.73	17.66	18.00	2
		36	0	16.82	16.73	16.69	17.00	3
		36	18	16.82	16.68	16.69	17.00	3
		36	37	16.78	16.71	16.77	17.00	3
		75	0	16.74	16.66	16.77	17.00	3
15	256-QAM	1	0	14.79	14.72	14.82	15.00	5
		1	36	14.67	14.81	14.72	15.00	5
		1	74	14.69	14.83	14.81	15.00	5
		36	0	14.84	14.69	14.69	15.00	5
		36	18	14.71	14.79	14.80	15.00	5
		36	37	14.69	14.66	14.84	15.00	5
		75	0	14.84	14.66	14.77	15.00	5

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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	19.75	19.78	19.71	20.00	0
		1	25	19.73	19.66	19.74	20.00	0
		1	49	19.84	19.74	19.84	20.00	0
		25	0	18.69	18.81	18.78	19.00	1
		25	12	18.79	18.72	18.72	19.00	1
		25	25	18.82	18.80	18.82	19.00	1
		50	0	18.76	18.80	18.69	19.00	1
10	16-QAM	1	0	18.84	18.82	18.66	19.00	1
		1	25	18.73	18.83	18.84	19.00	1
		1	49	18.70	18.80	18.66	19.00	1
		25	0	17.85	17.72	17.67	18.00	2
		25	12	17.79	17.67	17.66	18.00	2
		25	25	17.74	17.73	17.82	18.00	2
		50	0	17.81	17.79	17.77	18.00	2
10	64-QAM	1	0	17.82	17.74	17.76	18.00	2
		1	25	17.74	17.83	17.81	18.00	2
		1	49	17.75	17.75	17.73	18.00	2
		25	0	16.76	16.82	16.72	17.00	3
		25	12	16.66	16.77	16.69	17.00	3
		25	25	16.80	16.74	16.82	17.00	3
		50	0	16.77	16.83	16.67	17.00	3
10	256-QAM	1	0	14.80	14.66	14.69	15.00	5
		1	25	14.75	14.84	14.85	15.00	5
		1	49	14.78	14.71	14.81	15.00	5
		25	0	14.66	14.69	14.82	15.00	5
		25	12	14.80	14.79	14.66	15.00	5
		25	25	14.85	14.74	14.76	15.00	5
		50	0	14.85	14.78	14.84	15.00	5

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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	19.81	19.82	19.75	20.00	0
		1	12	19.81	19.71	19.73	20.00	0
		1	24	19.68	19.77	19.74	20.00	0
		12	0	18.75	18.78	18.77	19.00	1
		12	6	18.66	18.67	18.79	19.00	1
		12	13	18.81	18.71	18.75	19.00	1
		25	0	18.78	18.82	18.69	19.00	1
5	16-QAM	1	0	18.80	18.75	18.70	19.00	1
		1	12	18.81	18.85	18.78	19.00	1
		1	24	18.77	18.72	18.79	19.00	1
		12	0	17.67	17.68	17.82	18.00	2
		12	6	17.68	17.69	17.66	18.00	2
		12	13	17.69	17.85	17.70	18.00	2
		25	0	17.80	17.84	17.75	18.00	2
5	64-QAM	1	0	17.84	17.76	17.70	18.00	2
		1	12	17.83	17.68	17.72	18.00	2
		1	24	17.68	17.77	17.83	18.00	2
		12	0	16.79	16.80	16.78	17.00	3
		12	6	16.79	16.81	16.68	17.00	3
		12	13	16.82	16.77	16.67	17.00	3
		25	0	16.78	16.71	16.68	17.00	3
5	256-QAM	1	0	14.83	14.72	14.79	15.00	5
		1	12	14.66	14.78	14.72	15.00	5
		1	24	14.85	14.75	14.67	15.00	5
		12	0	14.81	14.79	14.82	15.00	5
		12	6	14.74	14.70	14.76	15.00	5
		12	13	14.67	14.83	14.80	15.00	5
		25	0	14.66	14.80	14.75	15.00	5

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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	19.82	19.70	19.81	20.00	0
		1	7	19.78	19.72	19.83	20.00	0
		1	14	19.76	19.70	19.77	20.00	0
		8	0	18.66	18.70	18.72	19.00	1
		8	4	18.66	18.72	18.68	19.00	1
		8	7	18.76	18.73	18.74	19.00	1
		15	0	18.71	18.66	18.70	19.00	1
3	16-QAM	1	0	18.74	18.70	18.80	19.00	1
		1	7	18.74	18.75	18.72	19.00	1
		1	14	18.76	18.69	18.79	19.00	1
		8	0	17.76	17.81	17.76	18.00	2
		8	4	17.66	17.85	17.74	18.00	2
		8	7	17.70	17.69	17.66	18.00	2
		15	0	17.79	17.76	17.72	18.00	2
3	64-QAM	1	0	17.71	17.66	17.68	18.00	2
		1	7	17.71	17.82	17.83	18.00	2
		1	14	17.68	17.84	17.80	18.00	2
		8	0	16.79	16.80	16.70	17.00	3
		8	4	16.85	16.71	16.71	17.00	3
		8	7	16.82	16.75	16.82	17.00	3
		15	0	16.70	16.78	16.80	17.00	3
3	256-QAM	1	0	14.72	14.81	14.78	15.00	5
		1	7	14.67	14.79	14.75	15.00	5
		1	14	14.71	14.72	14.78	15.00	5
		8	0	14.76	14.74	14.69	15.00	5
		8	4	14.68	14.69	14.76	15.00	5
		8	7	14.85	14.80	14.70	15.00	5
		15	0	14.78	14.83	14.85	15.00	5

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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	19.84	19.73	19.75	20.00	0
		1	2	19.71	19.68	19.79	20.00	0
		1	5	19.73	19.81	19.78	20.00	0
		3	0	19.83	19.81	19.67	20.00	0
		3	2	19.72	19.78	19.74	20.00	0
		3	3	19.72	19.85	19.80	20.00	0
1.4	16-QAM	6	0	18.80	18.72	18.72	19.00	1
		1	0	18.76	18.75	18.79	19.00	1
		1	2	18.74	18.81	18.80	19.00	1
		1	5	18.77	18.82	18.79	19.00	1
		3	0	18.69	18.80	18.77	19.00	1
		3	2	18.72	18.77	18.66	19.00	1
1.4	64-QAM	3	3	18.84	18.75	18.83	19.00	1
		6	0	17.72	17.85	17.70	18.00	2
		1	0	17.80	17.78	17.74	18.00	2
		1	2	17.83	17.68	17.78	18.00	2
		1	5	17.71	17.80	17.69	18.00	2
		3	0	17.72	17.70	17.81	18.00	2
1.4	256-QAM	3	2	17.79	17.85	17.77	18.00	2
		3	3	17.71	17.74	17.73	18.00	2
		6	0	16.67	16.81	16.76	17.00	3
		1	0	16.78	16.72	16.77	17.00	3
		1	2	16.76	16.74	16.84	17.00	3
		1	5	16.78	16.85	16.79	17.00	3
1.4	256-QAM	3	0	16.72	16.69	16.70	17.00	3
		3	2	16.71	16.82	16.78	17.00	3
		3	3	16.67	16.76	16.68	17.00	3
		6	0	14.78	14.68	14.70	15.00	5

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	20.93	20.85	20.87	21.00	0
		1	50	20.79	20.73	20.82	21.00	0
		1	99	20.80	20.90	20.83	21.00	0
		50	0	19.85	19.77	19.85	20.00	1
		50	25	19.88	19.71	19.76	20.00	1
		50	50	19.75	19.74	19.84	20.00	1
20	16-QAM	100	0	19.78	19.79	19.85	20.00	1
		1	0	19.80	19.90	19.88	20.00	1
		1	50	19.71	19.78	19.73	20.00	1
		1	99	19.85	19.88	19.71	20.00	1
		50	0	18.74	18.89	18.77	19.00	2
		50	25	18.87	18.90	18.74	19.00	2
20	64-QAM	50	50	18.71	18.83	18.71	19.00	2
		100	0	18.83	18.73	18.74	19.00	2
		1	0	18.88	18.74	18.90	19.00	2
		1	50	18.88	18.86	18.76	19.00	2
		1	99	18.79	18.87	18.85	19.00	2
		50	0	17.89	17.71	17.87	18.00	3
20	256-QAM	50	25	17.77	17.80	17.83	18.00	3
		50	50	17.86	17.74	17.72	18.00	3
		100	0	17.72	17.83	17.87	18.00	3
		1	0	15.79	15.86	15.72	16.00	5
		1	50	15.72	15.90	15.83	16.00	5
		1	99	15.75	15.74	15.82	16.00	5
20	256-QAM	50	0	15.76	15.73	15.83	16.00	5
		50	25	15.86	15.76	15.88	16.00	5
		50	50	15.85	15.86	15.86	16.00	5
		100	0	15.78	15.84	15.89	16.00	5

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	20.87	20.82	20.80	21.00	0
		1	36	20.66	20.60	20.72	21.00	0
		1	74	20.61	20.89	20.79	21.00	0
		36	0	19.75	19.72	19.78	20.00	1
		36	18	19.69	19.70	19.63	20.00	1
		36	37	19.75	19.55	19.83	20.00	1
		75	0	19.77	19.61	19.75	20.00	1
15	16-QAM	1	0	19.74	19.84	19.81	20.00	1
		1	36	19.55	19.62	19.59	20.00	1
		1	74	19.70	19.77	19.61	20.00	1
		36	0	18.65	18.70	18.71	19.00	2
		36	18	18.76	18.86	18.67	19.00	2
		36	37	18.58	18.67	18.55	19.00	2
		75	0	18.83	18.73	18.59	19.00	2
15	64-QAM	1	0	18.70	18.58	18.81	19.00	2
		1	36	18.87	18.81	18.58	19.00	2
		1	74	18.77	18.84	18.66	19.00	2
		36	0	17.87	17.63	17.83	18.00	3
		36	18	17.67	17.66	17.70	18.00	3
		36	37	17.79	17.59	17.69	18.00	3
		75	0	17.65	17.66	17.87	18.00	3
15	256-QAM	1	0	15.68	15.71	15.62	16.00	5
		1	36	15.63	15.71	15.72	16.00	5
		1	74	15.71	15.67	15.70	16.00	5
		36	0	15.66	15.56	15.76	16.00	5
		36	18	15.86	15.72	15.69	16.00	5
		36	37	15.74	15.73	15.75	16.00	5
		75	0	15.63	15.69	15.80	16.00	5

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	20.84	20.68	20.84	21.00	0
		1	25	20.63	20.72	20.75	21.00	0
		1	49	20.78	20.87	20.76	21.00	0
		25	0	19.66	19.69	19.78	20.00	1
		25	12	19.78	19.60	19.60	20.00	1
		25	25	19.72	19.71	19.70	20.00	1
		50	0	19.60	19.66	19.76	20.00	1
10	16-QAM	1	0	19.72	19.80	19.79	20.00	1
		1	25	19.67	19.59	19.56	20.00	1
		1	49	19.85	19.85	19.68	20.00	1
		25	0	18.61	18.81	18.68	19.00	2
		25	12	18.85	18.84	18.74	19.00	2
		25	25	18.56	18.83	18.62	19.00	2
		50	0	18.81	18.58	18.65	19.00	2
10	64-QAM	1	0	18.86	18.73	18.72	19.00	2
		1	25	18.69	18.80	18.57	19.00	2
		1	49	18.75	18.70	18.83	19.00	2
		25	0	17.76	17.68	17.68	18.00	3
		25	12	17.71	17.71	17.74	18.00	3
		25	25	17.73	17.68	17.55	18.00	3
		50	0	17.62	17.73	17.77	18.00	3
10	256-QAM	1	0	15.77	15.75	15.57	16.00	5
		1	25	15.58	15.83	15.78	16.00	5
		1	49	15.58	15.65	15.74	16.00	5
		25	0	15.74	15.58	15.64	16.00	5
		25	12	15.77	15.62	15.88	16.00	5
		25	25	15.79	15.83	15.67	16.00	5
		50	0	15.78	15.80	15.78	16.00	5

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LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	20.82	20.81	20.78	21.00	0
		1	12	20.62	20.54	20.76	21.00	0
		1	24	20.66	20.83	20.65	21.00	0
		12	0	19.71	19.66	19.78	20.00	1
		12	6	19.70	19.58	19.67	20.00	1
		12	13	19.71	19.63	19.83	20.00	1
		25	0	19.76	19.79	19.68	20.00	1
5	16-QAM	1	0	19.71	19.77	19.69	20.00	1
		1	12	19.64	19.70	19.59	20.00	1
		1	24	19.77	19.87	19.55	20.00	1
		12	0	18.62	18.77	18.69	19.00	2
		12	6	18.77	18.90	18.71	19.00	2
		12	13	18.61	18.69	18.60	19.00	2
		25	0	18.64	18.69	18.58	19.00	2
5	64-QAM	1	0	18.88	18.60	18.79	19.00	2
		1	12	18.87	18.84	18.76	19.00	2
		1	24	18.68	18.77	18.76	19.00	2
		12	0	17.80	17.55	17.87	18.00	3
		12	6	17.69	17.69	17.79	18.00	3
		12	13	17.84	17.70	17.53	18.00	3
		25	0	17.70	17.78	17.80	18.00	3
5	256-QAM	1	0	15.76	15.69	15.53	16.00	5
		1	12	15.54	15.88	15.77	16.00	5
		1	24	15.59	15.64	15.74	16.00	5
		12	0	15.58	15.56	15.71	16.00	5
		12	6	15.75	15.74	15.85	16.00	5
		12	13	15.68	15.68	15.74	16.00	5
		25	0	15.65	15.78	15.72	16.00	5

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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	18.31	18.30	18.48	18.50	0
		1	50	18.30	18.41	18.30	18.50	0
		1	99	18.35	18.34	18.37	18.50	0
		50	0	17.27	17.22	17.32	17.50	1
		50	25	17.45	17.30	17.48	17.50	1
		50	50	17.35	17.32	17.28	17.50	1
		100	0	17.33	17.36	17.32	17.50	1
20	16-QAM	1	0	17.38	17.43	17.35	17.50	1
		1	50	17.40	17.30	17.27	17.50	1
		1	99	17.34	17.36	17.35	17.50	1
		50	0	16.34	16.28	16.45	16.50	2
		50	25	16.30	16.28	16.45	16.50	2
		50	50	16.31	16.31	16.29	16.50	2
		100	0	16.31	16.45	16.41	16.50	2
20	64-QAM	1	0	16.42	16.42	16.30	16.50	2
		1	50	16.42	16.35	16.36	16.50	2
		1	99	16.33	16.27	16.33	16.50	2
		50	0	15.39	15.42	15.39	15.50	3
		50	25	15.32	15.37	15.42	15.50	3
		50	50	15.28	15.42	15.28	15.50	3
		100	0	15.43	15.33	15.42	15.50	3
20	256-QAM	1	0	13.41	13.44	13.36	13.50	5
		1	50	13.36	13.38	13.28	13.50	5
		1	99	13.41	13.45	13.34	13.50	5
		50	0	13.44	13.34	13.44	13.50	5
		50	25	13.38	13.35	13.44	13.50	5
		50	50	13.28	13.27	13.40	13.50	5
		100	0	13.27	13.44	13.38	13.50	5

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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	18.22	18.29	18.25	18.50	0
		1	36	18.33	18.26	18.26	18.50	0
		1	74	18.33	18.26	18.24	18.50	0
		36	0	17.19	17.20	17.28	17.50	1
		36	18	17.22	17.17	17.17	17.50	1
		36	37	17.27	17.22	17.18	17.50	1
		75	0	17.25	17.29	17.35	17.50	1
15	16-QAM	1	0	17.22	17.32	17.29	17.50	1
		1	36	17.25	17.29	17.22	17.50	1
		1	74	17.30	17.16	17.18	17.50	1
		36	0	16.21	16.21	16.34	16.50	2
		36	18	16.31	16.27	16.21	16.50	2
		36	37	16.34	16.18	16.21	16.50	2
		75	0	16.27	16.28	16.28	16.50	2
15	64-QAM	1	0	16.34	16.28	16.30	16.50	2
		1	36	16.35	16.31	16.17	16.50	2
		1	74	16.22	16.16	16.22	16.50	2
		36	0	15.32	15.32	15.24	15.50	3
		36	18	15.17	15.23	15.22	15.50	3
		36	37	15.30	15.16	15.29	15.50	3
		75	0	15.28	15.30	15.21	15.50	3
15	256-QAM	1	0	13.28	13.17	13.27	13.50	5
		1	36	13.31	13.17	13.27	13.50	5
		1	74	13.30	13.28	13.19	13.50	5
		36	0	13.22	13.22	13.30	13.50	5
		36	18	13.30	13.26	13.32	13.50	5
		36	37	13.34	13.30	13.22	13.50	5
		75	0	13.18	13.25	13.21	13.50	5

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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	18.18	18.30	18.17	18.50	0
		1	25	18.22	18.32	18.32	18.50	0
		1	49	18.27	18.18	18.16	18.50	0
		25	0	17.35	17.23	17.17	17.50	1
		25	12	17.24	17.26	17.27	17.50	1
		25	25	17.17	17.18	17.21	17.50	1
		50	0	17.35	17.23	17.35	17.50	1
10	16-QAM	1	0	17.34	17.26	17.35	17.50	1
		1	25	17.34	17.18	17.24	17.50	1
		1	49	17.21	17.18	17.30	17.50	1
		25	0	16.22	16.25	16.19	16.50	2
		25	12	16.22	16.23	16.18	16.50	2
		25	25	16.32	16.28	16.20	16.50	2
		50	0	16.34	16.30	16.17	16.50	2
10	64-QAM	1	0	16.16	16.28	16.28	16.50	2
		1	25	16.35	16.30	16.16	16.50	2
		1	49	16.29	16.25	16.26	16.50	2
		25	0	15.29	15.21	15.34	15.50	3
		25	12	15.20	15.29	15.18	15.50	3
		25	25	15.25	15.25	15.32	15.50	3
		50	0	15.26	15.19	15.29	15.50	3
10	256-QAM	1	0	13.27	13.23	13.18	13.50	5
		1	25	13.32	13.23	13.33	13.50	5
		1	49	13.24	13.29	13.17	13.50	5
		25	0	13.32	13.29	13.33	13.50	5
		25	12	13.34	13.34	13.31	13.50	5
		25	25	13.29	13.34	13.35	13.50	5
		50	0	13.25	13.32	13.16	13.50	5

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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	18.17	18.27	18.26	18.50	0
		1	12	18.31	18.22	18.27	18.50	0
		1	24	18.18	18.21	18.26	18.50	0
		12	0	17.23	17.31	17.33	17.50	1
		12	6	17.34	17.29	17.26	17.50	1
		12	13	17.33	17.20	17.35	17.50	1
		25	0	17.35	17.22	17.19	17.50	1
5	16-QAM	1	0	17.24	17.31	17.35	17.50	1
		1	12	17.30	17.22	17.26	17.50	1
		1	24	17.31	17.17	17.17	17.50	1
		12	0	16.17	16.33	16.33	16.50	2
		12	6	16.31	16.17	16.23	16.50	2
		12	13	16.29	16.27	16.22	16.50	2
		25	0	16.22	16.17	16.21	16.50	2
5	64-QAM	1	0	16.34	16.26	16.22	16.50	2
		1	12	16.28	16.24	16.20	16.50	2
		1	24	16.23	16.26	16.32	16.50	2
		12	0	15.35	15.31	15.34	15.50	3
		12	6	15.24	15.27	15.33	15.50	3
		12	13	15.31	15.33	15.30	15.50	3
		25	0	15.20	15.22	15.30	15.50	3
5	256-QAM	1	0	13.25	13.32	13.18	13.50	5
		1	12	13.31	13.23	13.34	13.50	5
		1	24	13.21	13.33	13.33	13.50	5
		12	0	13.16	13.17	13.32	13.50	5
		12	6	13.23	13.29	13.26	13.50	5
		12	13	13.29	13.22	13.33	13.50	5
		25	0	13.17	13.28	13.18	13.50	5

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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	18.32	18.30	18.22	18.50	0
		1	7	18.23	18.33	18.19	18.50	0
		1	14	18.18	18.19	18.22	18.50	0
		8	0	17.23	17.22	17.35	17.50	1
		8	4	17.16	17.35	17.35	17.50	1
		8	7	17.33	17.29	17.16	17.50	1
		15	0	17.20	17.31	17.18	17.50	1
3	16-QAM	1	0	17.26	17.30	17.18	17.50	1
		1	7	17.34	17.27	17.33	17.50	1
		1	14	17.29	17.29	17.26	17.50	1
		8	0	16.28	16.19	16.30	16.50	2
		8	4	16.27	16.21	16.19	16.50	2
		8	7	16.30	16.31	16.17	16.50	2
		15	0	16.32	16.22	16.32	16.50	2
3	64-QAM	1	0	16.26	16.19	16.30	16.50	2
		1	7	16.33	16.20	16.25	16.50	2
		1	14	16.27	16.20	16.27	16.50	2
		8	0	15.29	15.16	15.16	15.50	3
		8	4	15.20	15.16	15.32	15.50	3
		8	7	15.22	15.28	15.31	15.50	3
		15	0	15.28	15.21	15.30	15.50	3
3	256-QAM	1	0	13.24	13.31	13.31	13.50	5
		1	7	13.31	13.21	13.18	13.50	5
		1	14	13.17	13.21	13.25	13.50	5
		8	0	13.18	13.28	13.34	13.50	5
		8	4	13.17	13.31	13.28	13.50	5
		8	7	13.25	13.18	13.34	13.50	5
		15	0	13.33	13.21	13.25	13.50	5

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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	18.30	18.21	18.19	18.50	0
		1	2	18.33	18.32	18.25	18.50	0
		1	5	18.34	18.20	18.34	18.50	0
		3	0	18.35	18.34	18.16	18.50	0
		3	2	18.16	18.25	18.35	18.50	0
		3	3	18.34	18.28	18.16	18.50	0
1.4	16-QAM	6	0	17.19	17.22	17.18	17.50	1
		1	0	17.25	17.26	17.16	17.50	1
		1	2	17.30	17.25	17.24	17.50	1
		1	5	17.30	17.24	17.34	17.50	1
		3	0	17.32	17.34	17.22	17.50	1
		3	2	17.30	17.20	17.33	17.50	1
1.4	64-QAM	3	3	17.30	17.28	17.32	17.50	1
		6	0	16.24	16.27	16.35	16.50	2
		1	0	16.22	16.34	16.34	16.50	2
		1	2	16.32	16.24	16.24	16.50	2
		1	5	16.29	16.29	16.28	16.50	2
		3	0	16.18	16.35	16.32	16.50	2
1.4	256-QAM	3	2	16.31	16.34	16.25	16.50	2
		3	3	16.28	16.31	16.26	16.50	2
		6	0	15.24	15.17	15.25	15.50	3
		1	0	15.18	15.18	15.27	15.50	3
		1	2	15.26	15.25	15.19	15.50	3
		1	5	15.31	15.24	15.32	15.50	3
1.4	256-QAM	3	0	15.19	15.23	15.18	15.50	3
		3	2	15.17	15.17	15.33	15.50	3
		3	3	15.33	15.35	15.34	15.50	3
		6	0	13.25	13.28	13.16	13.50	5

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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		18.97		19.00	0
		1	25		18.95		19.00	0
		1	49		18.90		19.00	0
		25	0		17.86		18.00	1
		25	12		17.89		18.00	1
		25	25		17.83		18.00	1
		50	0		17.86		18.00	1
10	16-QAM	1	0		17.91		18.00	1
		1	25		17.88		18.00	1
		1	49		17.91		18.00	1
		25	0		17.00		17.00	2
		25	12		16.94		17.00	2
		25	25		16.84		17.00	2
		50	0		16.84		17.00	2
10	64-QAM	1	0		16.90		17.00	2
		1	25		16.88		17.00	2
		1	49		16.86		17.00	2
		25	0		15.84		16.00	3
		25	12		15.90		16.00	3
		25	25		15.88		16.00	3
		50	0		15.98		16.00	3
10	256-QAM	1	0		13.75		14.00	5
		1	25		13.77		14.00	5
		1	49		13.79		14.00	5
		25	0		13.76		14.00	5
		25	12		13.68		14.00	5
		25	25		13.75		14.00	5
		50	0		13.62		14.00	5

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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	18.74	18.73	18.67	19.00	0
		1	12	18.79	18.73	18.72	19.00	0
		1	24	18.80	18.73	18.78	19.00	0
		12	0	17.76	17.72	17.70	18.00	1
		12	6	17.81	17.75	17.71	18.00	1
		12	13	17.71	17.72	17.78	18.00	1
		25	0	17.69	17.80	17.74	18.00	1
5	16-QAM	1	0	17.77	17.67	17.72	18.00	1
		1	12	17.82	17.72	17.77	18.00	1
		1	24	17.80	17.78	17.70	18.00	1
		12	0	16.75	16.68	16.71	17.00	2
		12	6	16.76	16.80	16.71	17.00	2
		12	13	16.78	16.73	16.78	17.00	2
		25	0	16.77	16.73	16.83	17.00	2
5	64-QAM	1	0	16.77	16.77	16.79	17.00	2
		1	12	16.81	16.69	16.80	17.00	2
		1	24	16.73	16.67	16.69	17.00	2
		12	0	15.79	15.84	15.76	16.00	3
		12	6	15.71	15.72	15.77	16.00	3
		12	13	15.73	15.77	15.80	16.00	3
		25	0	15.80	15.72	15.78	16.00	3
5	256-QAM	1	0	13.73	13.79	13.74	14.00	5
		1	12	13.77	13.70	13.74	14.00	5
		1	24	13.76	13.78	13.74	14.00	5
		12	0	13.78	13.81	13.75	14.00	5
		12	6	13.72	13.83	13.82	14.00	5
		12	13	13.82	13.68	13.81	14.00	5
		25	0	13.81	13.69	13.77	14.00	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	19.98	19.90	19.91	20.00	0
		1	50	19.93	19.91	19.92	20.00	0
		1	99	19.79	19.81	19.80	20.00	0
		50	0	18.82	18.82	18.90	19.00	1
		50	25	18.94	18.83	18.81	19.00	1
		50	50	18.98	18.96	18.92	19.00	1
		100	0	18.94	18.90	18.82	19.00	1
20	16-QAM	1	0	18.80	18.86	18.84	19.00	1
		1	50	18.91	18.97	18.83	19.00	1
		1	99	18.82	18.93	18.82	19.00	1
		50	0	17.95	17.98	17.83	18.00	2
		50	25	17.82	17.79	17.90	18.00	2
		50	50	17.98	17.98	17.81	18.00	2
		100	0	17.82	17.91	17.85	18.00	2
20	64-QAM	1	0	17.87	17.91	17.89	18.00	2
		1	50	17.92	17.95	17.94	18.00	2
		1	99	17.95	17.93	17.93	18.00	2
		50	0	16.94	16.83	16.84	17.00	3
		50	25	16.91	16.86	16.80	17.00	3
		50	50	16.95	16.82	16.82	17.00	3
		100	0	16.84	16.93	16.80	17.00	3
20	256-QAM	1	0	14.84	14.81	14.90	15.00	5
		1	50	14.85	14.90	14.84	15.00	5
		1	99	14.95	14.82	14.89	15.00	5
		50	0	14.84	14.83	14.82	15.00	5
		50	25	14.90	14.88	14.81	15.00	5
		50	50	14.79	14.89	14.98	15.00	5
		100	0	14.94	14.92	14.96	15.00	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	19.61	19.62	19.75	20.00	0
		1	36	19.80	19.63	19.78	20.00	0
		1	74	19.62	19.67	19.63	20.00	0
		36	0	18.73	18.67	18.77	19.00	1
		36	18	18.68	18.79	18.68	19.00	1
		36	37	18.75	18.65	18.70	19.00	1
		75	0	18.76	18.69	18.63	19.00	1
15	16-QAM	1	0	18.77	18.68	18.80	19.00	1
		1	36	18.78	18.65	18.70	19.00	1
		1	74	18.68	18.71	18.73	19.00	1
		36	0	17.79	17.75	17.73	18.00	2
		36	18	17.77	17.75	17.73	18.00	2
		36	37	17.66	17.67	17.63	18.00	2
		75	0	17.76	17.78	17.61	18.00	2
15	64-QAM	1	0	17.63	17.78	17.78	18.00	2
		1	36	17.62	17.79	17.77	18.00	2
		1	74	17.64	17.74	17.71	18.00	2
		36	0	16.75	16.65	16.73	17.00	3
		36	18	16.64	16.66	16.62	17.00	3
		36	37	16.78	16.74	16.61	17.00	3
		75	0	16.61	16.79	16.72	17.00	3
15	256-QAM	1	0	14.71	14.66	14.71	15.00	5
		1	36	14.73	14.78	14.66	15.00	5
		1	74	14.67	14.69	14.79	15.00	5
		36	0	14.74	14.71	14.79	15.00	5
		36	18	14.67	14.68	14.71	15.00	5
		36	37	14.78	14.79	14.63	15.00	5
		75	0	14.77	14.70	14.79	15.00	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				132022	132322	132622		
10	QPSK	1	0	19.64	19.79	19.64	20.00	0
		1	25	19.68	19.62	19.80	20.00	0
		1	49	19.67	19.64	19.64	20.00	0
		25	0	18.69	18.64	18.79	19.00	1
		25	12	18.80	18.75	18.70	19.00	1
		25	25	18.70	18.71	18.68	19.00	1
		50	0	18.73	18.73	18.63	19.00	1
10	16-QAM	1	0	18.71	18.64	18.70	19.00	1
		1	25	18.80	18.74	18.79	19.00	1
		1	49	18.72	18.77	18.63	19.00	1
		25	0	17.76	17.74	17.74	18.00	2
		25	12	17.71	17.73	17.71	18.00	2
		25	25	17.75	17.68	17.62	18.00	2
		50	0	17.75	17.69	17.76	18.00	2
10	64-QAM	1	0	17.65	17.65	17.66	18.00	2
		1	25	17.72	17.73	17.63	18.00	2
		1	49	17.63	17.73	17.73	18.00	2
		25	0	16.79	16.65	16.62	17.00	3
		25	12	16.77	16.73	16.79	17.00	3
		25	25	16.78	16.62	16.77	17.00	3
		50	0	16.62	16.75	16.63	17.00	3
10	256-QAM	1	0	14.68	14.80	14.68	15.00	5
		1	25	14.77	14.65	14.71	15.00	5
		1	49	14.64	14.76	14.70	15.00	5
		25	0	14.75	14.79	14.75	15.00	5
		25	12	14.71	14.68	14.79	15.00	5
		25	25	14.64	14.63	14.71	15.00	5
		50	0	14.78	14.64	14.64	15.00	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	19.72	19.66	19.65	20.00	0
		1	12	19.74	19.64	19.65	20.00	0
		1	24	19.78	19.62	19.77	20.00	0
		12	0	18.67	18.64	18.79	19.00	1
		12	6	18.75	18.62	18.80	19.00	1
		12	13	18.65	18.61	18.66	19.00	1
		25	0	18.68	18.79	18.61	19.00	1
5	16-QAM	1	0	18.70	18.65	18.73	19.00	1
		1	12	18.69	18.67	18.68	19.00	1
		1	24	18.69	18.71	18.68	19.00	1
		12	0	17.77	17.73	17.80	18.00	2
		12	6	17.69	17.74	17.71	18.00	2
		12	13	17.74	17.63	17.75	18.00	2
		25	0	17.67	17.63	17.73	18.00	2
5	64-QAM	1	0	17.77	17.63	17.69	18.00	2
		1	12	17.69	17.69	17.72	18.00	2
		1	24	17.69	17.64	17.79	18.00	2
		12	0	16.73	16.80	16.66	17.00	3
		12	6	16.74	16.79	16.79	17.00	3
		12	13	16.61	16.80	16.80	17.00	3
		25	0	16.64	16.72	16.62	17.00	3
5	256-QAM	1	0	14.64	14.65	14.64	15.00	5
		1	12	14.67	14.68	14.78	15.00	5
		1	24	14.71	14.74	14.65	15.00	5
		12	0	14.67	14.70	14.74	15.00	5
		12	6	14.72	14.62	14.73	15.00	5
		12	13	14.76	14.73	14.72	15.00	5
		25	0	14.78	14.70	14.77	15.00	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	19.76	19.79	19.80	20.00	0
		1	7	19.76	19.69	19.72	20.00	0
		1	14	19.64	19.73	19.69	20.00	0
		8	0	18.80	18.75	18.78	19.00	1
		8	4	18.69	18.75	18.66	19.00	1
		8	7	18.63	18.80	18.66	19.00	1
3	16-QAM	15	0	18.63	18.66	18.71	19.00	1
		1	0	18.73	18.75	18.78	19.00	1
		1	7	18.76	18.65	18.65	19.00	1
		1	14	18.61	18.67	18.76	19.00	1
		8	0	17.72	17.68	17.70	18.00	2
		8	4	17.69	17.78	17.63	18.00	2
3	64-QAM	8	7	17.73	17.66	17.77	18.00	2
		15	0	17.61	17.70	17.70	18.00	2
		1	0	17.69	17.61	17.71	18.00	2
		1	7	17.61	17.69	17.77	18.00	2
		1	14	17.63	17.77	17.80	18.00	2
		8	0	16.74	16.69	16.68	17.00	3
3	256-QAM	8	4	16.66	16.63	16.77	17.00	3
		8	7	16.77	16.64	16.67	17.00	3
		15	0	16.70	16.67	16.76	17.00	3
		1	0	14.68	14.76	14.62	15.00	5
		1	7	14.69	14.74	14.72	15.00	5
		1	14	14.62	14.61	14.64	15.00	5
3	256-QAM	8	0	14.74	14.77	14.62	15.00	5
		8	4	14.75	14.66	14.80	15.00	5
		8	7	14.71	14.80	14.75	15.00	5
		15	0	14.76	14.73	14.79	15.00	5

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LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1745	1779.3		
Channel				131979	132322	132665		
1.4	QPSK	1	0	19.78	19.65	19.69	20.00	0
		1	2	19.63	19.80	19.62	20.00	0
		1	5	19.69	19.72	19.72	20.00	0
		3	0	19.68	19.75	19.64	20.00	0
		3	2	19.61	19.70	19.72	20.00	0
		3	3	19.61	19.68	19.62	20.00	0
1.4	16-QAM	6	0	18.71	18.63	18.62	19.00	1
		1	0	18.61	18.77	18.73	19.00	1
		1	2	18.63	18.80	18.70	19.00	1
		1	5	18.70	18.66	18.68	19.00	1
		3	0	18.67	18.79	18.79	19.00	1
		3	2	18.64	18.78	18.68	19.00	1
1.4	64-QAM	3	3	18.65	18.72	18.65	19.00	1
		6	0	17.70	17.65	17.62	18.00	2
		1	0	17.70	17.63	17.73	18.00	2
		1	2	17.75	17.79	17.67	18.00	2
		1	5	17.73	17.80	17.77	18.00	2
		3	0	17.72	17.68	17.63	18.00	2
1.4	256-QAM	3	2	17.80	17.66	17.71	18.00	2
		3	3	17.75	17.69	17.74	18.00	2
		6	0	16.70	16.79	16.68	17.00	3
		1	0	16.73	16.64	16.78	17.00	3
		1	2	16.72	16.65	16.69	17.00	3
		1	5	16.79	16.68	16.77	17.00	3
1.4	256-QAM	3	0	16.70	16.79	16.61	17.00	3
		3	2	16.65	16.70	16.61	17.00	3
		3	3	16.75	16.77	16.78	17.00	3
		6	0	14.66	14.69	14.67	15.00	5

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6.4 TDD LTE

DS10

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	23.31	23.55	23.62	24.50	0
		1	50	23.10	23.46	23.42	24.50	0
		1	99	23.12	23.33	23.41	24.50	0
		50	0	22.15	22.35	22.48	23.50	1
		50	25	22.15	22.40	22.44	23.50	1
		50	50	22.04	22.33	22.36	23.50	1
		100	0	22.29	22.37	22.37	23.50	1
20	16-QAM	1	0	22.04	22.37	22.54	23.50	1
		1	50	22.04	22.42	22.40	23.50	1
		1	99	22.06	22.40	22.36	23.50	1
		50	0	21.24	21.39	21.51	22.50	2
		50	25	21.13	21.30	21.40	22.50	2
		50	50	21.12	21.39	21.53	22.50	2
		100	0	21.13	21.41	21.46	22.50	2
20	64-QAM	1	0	21.16	21.42	21.39	22.50	2
		1	50	21.15	21.35	21.40	22.50	2
		1	99	21.21	21.40	21.38	22.50	2
		50	0	20.09	20.42	20.43	21.50	3
		50	25	20.24	20.48	20.44	21.50	3
		50	50	20.15	20.37	20.51	21.50	3
		100	0	20.17	20.44	20.45	21.50	3
20	256-QAM	1	0	18.35	18.65	18.65	19.50	5
		1	50	18.24	18.48	18.68	19.50	5
		1	99	18.38	18.56	18.68	19.50	5
		50	0	18.38	18.63	18.65	19.50	5
		50	25	18.25	18.58	18.69	19.50	5
		50	50	18.33	18.61	18.64	19.50	5
		100	0	18.43	18.51	18.57	19.50	5

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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	23.25	23.31	23.53	24.50	0
		1	36	23.18	23.37	23.49	24.50	0
		1	74	23.22	23.41	23.53	24.50	0
		36	0	22.23	22.39	22.52	23.50	1
		36	18	22.26	22.27	22.52	23.50	1
		36	37	22.13	22.49	22.40	23.50	1
		75	0	22.14	22.34	22.52	23.50	1
15	16-QAM	1	0	22.13	22.39	22.55	23.50	1
		1	36	22.26	22.36	22.50	23.50	1
		1	74	22.15	22.40	22.46	23.50	1
		36	0	21.16	21.47	21.51	22.50	2
		36	18	21.09	21.41	21.47	22.50	2
		36	37	21.24	21.31	21.39	22.50	2
		75	0	21.16	21.34	21.37	22.50	2
15	64-QAM	1	0	21.16	21.39	21.54	22.50	2
		1	36	21.10	21.36	21.48	22.50	2
		1	74	21.15	21.46	21.51	22.50	2
		36	0	20.15	20.37	20.35	21.50	3
		36	18	20.26	20.42	20.49	21.50	3
		36	37	20.16	20.48	20.48	21.50	3
		75	0	20.15	20.38	20.50	21.50	3
15	256-QAM	1	0	18.42	18.61	18.69	19.50	5
		1	36	18.38	18.58	18.66	19.50	5
		1	74	18.37	18.57	18.70	19.50	5
		36	0	18.39	18.50	18.62	19.50	5
		36	18	18.35	18.58	18.67	19.50	5
		36	37	18.36	18.58	18.71	19.50	5
		75	0	18.43	18.55	18.76	19.50	5

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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	23.26	23.45	23.39	24.50	0
		1	25	23.20	23.47	23.45	24.50	0
		1	49	23.13	23.40	23.58	24.50	0
		25	0	22.09	22.40	22.43	23.50	1
		25	12	22.25	22.30	22.43	23.50	1
		25	25	22.15	22.45	22.51	23.50	1
		50	0	22.24	22.51	22.42	23.50	1
10	16-QAM	1	0	22.26	22.37	22.53	23.50	1
		1	25	22.06	22.50	22.47	23.50	1
		1	49	22.10	22.44	22.39	23.50	1
		25	0	21.08	21.31	21.47	22.50	2
		25	12	21.17	21.37	21.43	22.50	2
		25	25	21.23	21.33	21.47	22.50	2
		50	0	21.26	21.47	21.41	22.50	2
10	64-QAM	1	0	21.15	21.36	21.37	22.50	2
		1	25	21.09	21.42	21.45	22.50	2
		1	49	21.20	21.38	21.44	22.50	2
		25	0	20.24	20.36	20.46	21.50	3
		25	12	20.26	20.38	20.42	21.50	3
		25	25	20.10	20.39	20.36	21.50	3
		50	0	20.27	20.45	20.49	21.50	3
10	256-QAM	1	0	18.30	18.54	18.62	19.50	5
		1	25	18.42	18.53	18.63	19.50	5
		1	49	18.43	18.53	18.66	19.50	5
		25	0	18.30	18.61	18.71	19.50	5
		25	12	18.31	18.70	18.55	19.50	5
		25	25	18.41	18.52	18.68	19.50	5
		50	0	18.34	18.58	18.59	19.50	5

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2572.5	2595	2617.5		
Channel				37775	38000	38225		
5	QPSK	1	0	23.11	23.30	23.41	24.50	0
		1	12	23.29	23.44	23.49	24.50	0
		1	24	23.08	23.44	23.35	24.50	0
		12	0	22.19	22.42	22.46	23.50	1
		12	6	22.16	22.41	22.56	23.50	1
		12	13	22.14	22.39	22.46	23.50	1
		25	0	22.12	22.37	22.37	23.50	1
5	16-QAM	1	0	22.20	22.46	22.49	23.50	1
		1	12	22.18	22.44	22.53	23.50	1
		1	24	22.10	22.46	22.48	23.50	1
		12	0	21.14	21.34	21.47	22.50	2
		12	6	21.09	21.39	21.57	22.50	2
		12	13	21.21	21.42	21.42	22.50	2
		25	0	21.07	21.46	21.47	22.50	2
5	64-QAM	1	0	21.23	21.31	21.42	22.50	2
		1	12	21.24	21.51	21.46	22.50	2
		1	24	21.16	21.40	21.45	22.50	2
		12	0	20.16	20.32	20.43	21.50	3
		12	6	20.21	20.47	20.36	21.50	3
		12	13	20.19	20.41	20.46	21.50	3
		25	0	20.15	20.38	20.51	21.50	3
5	256-QAM	1	0	18.33	18.57	18.58	19.50	5
		1	12	18.32	18.54	18.68	19.50	5
		1	24	18.47	18.55	18.79	19.50	5
		12	0	18.39	18.63	18.57	19.50	5
		12	6	18.26	18.67	18.60	19.50	5
		12	13	18.36	18.65	18.77	19.50	5
		25	0	18.34	18.54	18.71	19.50	5

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LTE Band 41										
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	23.47	23.41	23.55	23.59	23.52	24.50	0
		1	50	23.38	23.17	23.30	23.43	23.40	24.50	0
		1	99	23.35	23.13	23.30	23.49	23.39	24.50	0
		50	0	22.38	22.23	22.46	22.42	22.37	23.50	1
		50	25	22.33	22.26	22.34	22.51	22.29	23.50	1
		50	50	22.22	22.29	22.39	22.43	22.48	23.50	1
20	16-QAM	100	0	22.31	22.28	22.31	22.39	22.41	23.50	1
		1	0	22.35	22.25	22.35	22.50	22.30	23.50	1
		1	50	22.20	22.31	22.37	22.46	22.26	23.50	1
		1	99	22.40	22.33	22.48	22.51	22.38	23.50	1
		50	0	21.29	21.32	21.33	21.41	21.40	22.50	2
		50	25	21.34	21.32	21.47	21.41	21.36	22.50	2
20	64-QAM	50	50	21.21	21.29	21.50	21.43	21.41	22.50	2
		100	0	21.36	21.16	21.36	21.55	21.27	22.50	2
		1	0	21.21	21.28	21.34	21.31	21.43	22.50	2
		1	50	21.36	21.12	21.37	21.40	21.35	22.50	2
		1	99	21.34	21.23	21.43	21.41	21.31	22.50	2
		50	0	20.28	20.19	20.51	20.35	20.36	21.50	3
20	256-QAM	50	25	20.19	20.29	20.33	20.47	20.27	21.50	3
		50	50	20.31	20.21	20.42	20.50	20.45	21.50	3
		100	0	20.27	20.26	20.41	20.54	20.48	21.50	3
		1	0	18.46	18.38	18.62	18.65	18.48	19.50	5
		1	50	18.51	18.52	18.56	18.67	18.61	19.50	5
		1	99	18.50	18.44	18.60	18.66	18.60	19.50	5
20	256-QAM	50	0	18.47	18.44	18.48	18.72	18.61	19.50	5
		50	25	18.52	18.37	18.60	18.59	18.47	19.50	5
		50	50	18.59	18.39	18.64	18.67	18.59	19.50	5
		100	0	18.58	18.40	18.65	18.63	18.64	19.50	5

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LTE Band 41										
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	23.41	23.21	23.32	23.48	23.31	24.50	0
		1	36	23.39	23.21	23.26	23.43	23.38	24.50	0
		1	74	23.31	23.28	23.44	23.46	23.38	24.50	0
		36	0	22.29	22.21	22.34	22.46	22.39	23.50	1
		36	18	22.28	22.26	22.44	22.54	22.28	23.50	1
		36	37	22.28	22.32	22.42	22.41	22.35	23.50	1
		75	0	22.22	22.14	22.37	22.39	22.36	23.50	1
15	16-QAM	1	0	22.26	22.32	22.48	22.43	22.39	23.50	1
		1	36	22.31	22.23	22.34	22.50	22.27	23.50	1
		1	74	22.38	22.23	22.34	22.38	22.32	23.50	1
		36	0	21.33	21.30	21.35	21.48	21.39	22.50	2
		36	18	21.26	21.27	21.41	21.50	21.36	22.50	2
		36	37	21.23	21.29	21.35	21.41	21.38	22.50	2
		75	0	21.29	21.39	21.39	21.42	21.38	22.50	2
15	64-QAM	1	0	21.33	21.22	21.47	21.41	21.37	22.50	2
		1	36	21.21	21.17	21.44	21.51	21.38	22.50	2
		1	74	21.32	21.15	21.42	21.47	21.39	22.50	2
		36	0	20.23	20.28	20.44	20.40	20.41	21.50	3
		36	18	20.31	20.23	20.37	20.44	20.41	21.50	3
		36	37	20.27	20.36	20.40	20.34	20.41	21.50	3
		75	0	20.35	20.21	20.40	20.53	20.33	21.50	3
15	256-QAM	1	0	18.47	18.41	18.59	18.54	18.52	19.50	5
		1	36	18.53	18.45	18.57	18.53	18.69	19.50	5
		1	74	18.54	18.38	18.62	18.68	18.66	19.50	5
		36	0	18.51	18.43	18.69	18.66	18.61	19.50	5
		36	18	18.44	18.52	18.54	18.58	18.55	19.50	5
		36	37	18.44	18.42	18.66	18.70	18.62	19.50	5
		75	0	18.43	18.56	18.70	18.69	18.54	19.50	5

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LTE Band 41										
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	23.29	23.28	23.48	23.37	23.34	24.50	0
		1	25	23.37	23.28	23.50	23.45	23.35	24.50	0
		1	49	23.21	23.24	23.31	23.38	23.38	24.50	0
		25	0	22.40	22.28	22.36	22.43	22.34	23.50	1
		25	12	22.34	22.35	22.33	22.50	22.34	23.50	1
		25	25	22.23	22.21	22.38	22.48	22.25	23.50	1
10	16-QAM	50	0	22.27	22.23	22.31	22.44	22.28	23.50	1
		1	0	22.22	22.17	22.41	22.39	22.42	23.50	1
		1	25	22.35	22.22	22.44	22.46	22.35	23.50	1
		1	49	22.27	22.14	22.51	22.46	22.42	23.50	1
		25	0	21.31	21.22	21.40	21.55	21.35	22.50	2
		25	12	21.23	21.13	21.42	21.43	21.26	22.50	2
10	64-QAM	25	25	21.42	21.30	21.46	21.46	21.44	22.50	2
		50	0	21.30	21.33	21.37	21.43	21.46	22.50	2
		1	0	21.24	21.28	21.27	21.52	21.31	22.50	2
		1	25	21.27	21.16	21.41	21.48	21.27	22.50	2
		1	49	21.33	21.22	21.29	21.37	21.41	22.50	2
		25	0	20.31	20.28	20.35	20.41	20.33	21.50	3
10	256-QAM	25	12	20.34	20.19	20.50	20.34	20.44	21.50	3
		25	25	20.30	20.36	20.47	20.31	20.39	21.50	3
		50	0	20.26	20.35	20.38	20.29	20.47	21.50	3
		1	0	18.53	18.45	18.60	18.63	18.53	19.50	5
		1	25	18.52	18.54	18.60	18.60	18.62	19.50	5
		1	49	18.51	18.41	18.63	18.58	18.60	19.50	5
10	256-QAM	25	0	18.40	18.44	18.57	18.70	18.46	19.50	5
		25	12	18.55	18.43	18.57	18.61	18.59	19.50	5
		25	25	18.44	18.41	18.64	18.60	18.56	19.50	5
		50	0	18.42	18.52	18.47	18.59	18.56	19.50	5

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LTE Band 41										
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	23.28	23.30	23.37	23.43	23.43	24.50	0
		1	12	23.34	23.20	23.38	23.33	23.38	24.50	0
		1	24	23.24	23.29	23.43	23.45	23.35	24.50	0
		12	0	22.28	22.32	22.51	22.42	22.37	23.50	1
		12	6	22.27	22.24	22.35	22.41	22.36	23.50	1
		12	13	22.30	22.23	22.44	22.39	22.38	23.50	1
5	16-QAM	25	0	22.22	22.19	22.44	22.43	22.39	23.50	1
		1	0	22.38	22.20	22.29	22.44	22.44	23.50	1
		1	12	22.31	22.23	22.46	22.34	22.32	23.50	1
		1	24	22.28	22.15	22.28	22.39	22.40	23.50	1
		12	0	21.28	21.29	21.40	21.48	21.35	22.50	2
		12	6	21.40	21.28	21.42	21.45	21.32	22.50	2
5	64-QAM	12	13	21.42	21.23	21.39	21.47	21.37	22.50	2
		25	0	21.34	21.20	21.41	21.38	21.38	22.50	2
		1	0	21.29	21.15	21.47	21.34	21.36	22.50	2
		1	12	21.31	21.23	21.42	21.44	21.44	22.50	2
		1	24	21.28	21.29	21.26	21.37	21.36	22.50	2
		12	0	20.25	20.34	20.45	20.54	20.45	21.50	3
5	256-QAM	12	6	20.38	20.17	20.40	20.48	20.40	21.50	3
		12	13	20.39	20.31	20.40	20.29	20.33	21.50	3
		25	0	20.37	20.31	20.32	20.46	20.37	21.50	3
		1	0	18.64	18.41	18.61	18.65	18.50	19.50	5
		1	12	18.50	18.44	18.55	18.56	18.61	19.50	5
		1	24	18.55	18.48	18.54	18.69	18.56	19.50	5
5	256-QAM	12	0	18.55	18.32	18.55	18.71	18.52	19.50	5
		12	6	18.55	18.36	18.51	18.71	18.64	19.50	5
		12	13	18.58	18.56	18.69	18.61	18.48	19.50	5
		25	0	18.39	18.49	18.57	18.55	18.53	19.50	5

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	23.11	23.35	23.42	23.50	0
		1	50	22.90	23.26	23.22	23.50	0
		1	99	22.92	23.13	23.21	23.50	0
		50	0	21.95	22.15	22.28	22.50	1
		50	25	21.95	22.20	22.24	22.50	1
		50	50	21.84	22.13	22.16	22.50	1
		100	0	22.09	22.17	22.17	22.50	1
20	16-QAM	1	0	21.84	22.17	22.34	22.50	1
		1	50	21.84	22.22	22.20	22.50	1
		1	99	21.86	22.20	22.16	22.50	1
		50	0	21.04	21.19	21.31	21.50	2
		50	25	20.93	21.10	21.20	21.50	2
		50	50	20.92	21.19	21.33	21.50	2
		100	0	20.93	21.21	21.26	21.50	2
20	64-QAM	1	0	20.96	21.22	21.19	21.50	2
		1	50	20.95	21.15	21.20	21.50	2
		1	99	21.01	21.20	21.18	21.50	2
		50	0	19.89	20.22	20.23	20.50	3
		50	25	20.04	20.28	20.24	20.50	3
		50	50	19.95	20.17	20.31	20.50	3
		100	0	19.97	20.24	20.25	20.50	3
20	256-QAM	1	0	18.15	18.45	18.45	18.50	5
		1	50	18.04	18.28	18.48	18.50	5
		1	99	18.18	18.36	18.48	18.50	5
		50	0	18.18	18.43	18.45	18.50	5
		50	25	18.05	18.38	18.49	18.50	5
		50	50	18.13	18.41	18.44	18.50	5
		100	0	18.23	18.31	18.37	18.50	5

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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	23.04	23.27	23.26	23.50	0
		1	36	22.80	23.22	23.18	23.50	0
		1	74	22.91	23.11	23.06	23.50	0
		36	0	21.94	21.96	22.22	22.50	1
		36	18	21.79	22.04	22.20	22.50	1
		36	37	21.77	22.05	22.10	22.50	1
		75	0	22.01	21.99	22.15	22.50	1
15	16-QAM	1	0	21.66	22.14	22.15	22.50	1
		1	36	21.65	22.07	22.20	22.50	1
		1	74	21.82	22.07	22.03	22.50	1
		36	0	20.89	21.18	21.26	21.50	2
		36	18	20.74	21.06	21.13	21.50	2
		36	37	20.91	21.15	21.18	21.50	2
		75	0	20.87	21.14	21.15	21.50	2
15	64-QAM	1	0	20.83	21.20	21.08	21.50	2
		1	36	20.91	21.11	21.01	21.50	2
		1	74	20.88	21.15	21.13	21.50	2
		36	0	19.81	20.17	20.04	20.50	3
		36	18	19.95	20.10	20.24	20.50	3
		36	37	19.94	20.12	20.16	20.50	3
		75	0	19.78	20.11	20.08	20.50	3
15	256-QAM	1	0	18.10	18.32	18.45	18.50	5
		1	36	17.90	18.27	18.47	18.50	5
		1	74	18.07	18.21	18.37	18.50	5
		36	0	18.17	18.41	18.34	18.50	5
		36	18	17.97	18.31	18.38	18.50	5
		36	37	18.01	18.34	18.27	18.50	5
		75	0	18.13	18.22	18.36	18.50	5

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LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575	2595	2615		
Channel				37800	38000	38200		
10	QPSK	1	0	22.98	23.30	23.35	23.50	0
		1	25	22.76	23.09	23.10	23.50	0
		1	49	22.85	22.94	23.13	23.50	0
		25	0	21.88	21.97	22.20	22.50	1
		25	12	21.88	22.07	22.14	22.50	1
		25	25	21.68	22.03	22.02	22.50	1
		50	0	21.92	22.08	22.14	22.50	1
10	16-QAM	1	0	21.74	22.12	22.31	22.50	1
		1	25	21.72	22.11	22.19	22.50	1
		1	49	21.82	22.18	21.97	22.50	1
		25	0	20.95	21.14	21.31	21.50	2
		25	12	20.88	21.06	21.17	21.50	2
		25	25	20.81	21.07	21.16	21.50	2
		50	0	20.77	21.05	21.17	21.50	2
10	64-QAM	1	0	20.88	21.16	21.08	21.50	2
		1	25	20.86	21.10	21.15	21.50	2
		1	49	20.96	21.17	21.08	21.50	2
		25	0	19.71	20.04	20.23	20.50	3
		25	12	19.86	20.10	20.17	20.50	3
		25	25	19.92	20.02	20.15	20.50	3
		50	0	19.93	20.08	20.18	20.50	3
10	256-QAM	1	0	18.14	18.38	18.41	18.50	5
		1	25	17.93	18.17	18.43	18.50	5
		1	49	18.08	18.19	18.39	18.50	5
		25	0	18.06	18.38	18.38	18.50	5
		25	12	17.98	18.26	18.39	18.50	5
		25	25	17.99	18.34	18.29	18.50	5
		50	0	18.12	18.24	18.34	18.50	5

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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	23.06	23.16	23.41	23.50	0
		1	12	22.86	23.11	23.17	23.50	0
		1	24	22.85	22.99	23.10	23.50	0
		12	0	21.95	22.07	22.26	22.50	1
		12	6	21.93	22.03	22.18	22.50	1
		12	13	21.70	22.08	22.03	22.50	1
		25	0	22.04	22.15	22.07	22.50	1
5	16-QAM	1	0	21.72	22.12	22.32	22.50	1
		1	12	21.65	22.22	22.14	22.50	1
		1	24	21.77	22.15	21.97	22.50	1
		12	0	20.92	21.00	21.19	21.50	2
		12	6	20.92	20.96	21.09	21.50	2
		12	13	20.91	21.01	21.30	21.50	2
		25	0	20.75	21.07	21.09	21.50	2
5	64-QAM	1	0	20.79	21.10	21.04	21.50	2
		1	12	20.83	21.07	21.14	21.50	2
		1	24	20.84	21.01	21.04	21.50	2
		12	0	19.74	20.22	20.21	20.50	3
		12	6	20.03	20.20	20.22	20.50	3
		12	13	19.92	20.13	20.21	20.50	3
		25	0	19.90	20.09	20.21	20.50	3
5	256-QAM	1	0	18.05	18.34	18.41	18.50	5
		1	12	17.96	18.15	18.38	18.50	5
		1	24	18.01	18.20	18.29	18.50	5
		12	0	18.05	18.25	18.41	18.50	5
		12	6	18.04	18.27	18.42	18.50	5
		12	13	17.96	18.35	18.38	18.50	5
		25	0	18.21	18.16	18.34	18.50	5

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LTE Band 41										
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Frequency (MHz)			2506	2549.5	2593	2636.5	2680			
Channel			39750	40185	40620	41055	41490			
20	QPSK	1	0	23.47	23.41	23.55	23.59	23.52	24.00	0
		1	50	23.38	23.17	23.30	23.43	23.40	24.00	0
		1	99	23.35	23.13	23.30	23.49	23.39	24.00	0
		50	0	22.38	22.23	22.46	22.42	22.37	23.00	1
		50	25	22.33	22.26	22.34	22.51	22.29	23.00	1
		50	50	22.22	22.29	22.39	22.43	22.48	23.00	1
20	16-QAM	100	0	22.31	22.28	22.31	22.39	22.41	23.00	1
		1	0	22.35	22.25	22.35	22.50	22.30	23.00	1
		1	50	22.20	22.31	22.37	22.46	22.26	23.00	1
		1	99	22.40	22.33	22.48	22.51	22.38	23.00	1
		50	0	21.29	21.32	21.33	21.41	21.40	22.00	2
		50	25	21.34	21.32	21.47	21.41	21.36	22.00	2
20	64-QAM	50	50	21.21	21.29	21.50	21.43	21.41	22.00	2
		100	0	21.36	21.16	21.36	21.55	21.27	22.00	2
		1	0	21.21	21.28	21.34	21.31	21.43	22.00	2
		1	50	21.36	21.12	21.37	21.40	21.35	22.00	2
		1	99	21.34	21.23	21.43	21.41	21.31	22.00	2
		50	0	20.28	20.19	20.51	20.35	20.36	21.00	3
20	256-QAM	50	25	20.19	20.29	20.33	20.47	20.27	21.00	3
		50	50	20.31	20.21	20.42	20.50	20.45	21.00	3
		100	0	20.27	20.26	20.41	20.54	20.48	21.00	3
		1	0	18.46	18.38	18.62	18.65	18.48	19.00	5
		1	50	18.51	18.52	18.56	18.67	18.61	19.00	5
		1	99	18.50	18.44	18.60	18.66	18.60	19.00	5
20	256-QAM	50	0	18.47	18.44	18.48	18.72	18.61	19.00	5
		50	25	18.52	18.37	18.60	18.59	18.47	19.00	5
		50	50	18.59	18.39	18.64	18.67	18.59	19.00	5
		100	0	18.58	18.40	18.65	18.63	18.64	19.00	5

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LTE Band 41										
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	23.41	23.21	23.32	23.48	23.31	24.00	0
		1	36	23.39	23.21	23.26	23.43	23.38	24.00	0
		1	74	23.31	23.28	23.44	23.46	23.38	24.00	0
		36	0	22.29	22.21	22.34	22.46	22.39	23.00	1
		36	18	22.28	22.26	22.44	22.54	22.28	23.00	1
		36	37	22.28	22.32	22.42	22.41	22.35	23.00	1
		75	0	22.22	22.14	22.37	22.39	22.36	23.00	1
15	16-QAM	1	0	22.26	22.32	22.48	22.43	22.39	23.00	1
		1	36	22.31	22.23	22.34	22.50	22.27	23.00	1
		1	74	22.38	22.23	22.34	22.38	22.32	23.00	1
		36	0	21.33	21.30	21.35	21.48	21.39	22.00	2
		36	18	21.26	21.27	21.41	21.50	21.36	22.00	2
		36	37	21.23	21.29	21.35	21.41	21.38	22.00	2
		75	0	21.29	21.39	21.39	21.42	21.38	22.00	2
15	64-QAM	1	0	21.33	21.22	21.47	21.41	21.37	22.00	2
		1	36	21.21	21.17	21.44	21.51	21.38	22.00	2
		1	74	21.32	21.15	21.42	21.47	21.39	22.00	2
		36	0	20.23	20.28	20.44	20.40	20.41	21.00	3
		36	18	20.31	20.23	20.37	20.44	20.41	21.00	3
		36	37	20.27	20.36	20.40	20.34	20.41	21.00	3
		75	0	20.35	20.21	20.40	20.53	20.33	21.00	3
15	256-QAM	1	0	18.47	18.41	18.59	18.54	18.52	19.00	5
		1	36	18.53	18.45	18.57	18.53	18.69	19.00	5
		1	74	18.54	18.38	18.62	18.68	18.66	19.00	5
		36	0	18.51	18.43	18.69	18.66	18.61	19.00	5
		36	18	18.44	18.52	18.54	18.58	18.55	19.00	5
		36	37	18.44	18.42	18.66	18.70	18.62	19.00	5
		75	0	18.43	18.56	18.70	18.69	18.54	19.00	5

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LTE Band 41										
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	23.29	23.28	23.48	23.37	23.34	24.00	0
		1	25	23.37	23.28	23.50	23.45	23.35	24.00	0
		1	49	23.21	23.24	23.31	23.38	23.38	24.00	0
		25	0	22.40	22.28	22.36	22.43	22.34	23.00	1
		25	12	22.34	22.35	22.33	22.50	22.34	23.00	1
		25	25	22.23	22.21	22.38	22.48	22.25	23.00	1
10	16-QAM	50	0	22.27	22.23	22.31	22.44	22.28	23.00	1
		1	0	22.22	22.17	22.41	22.39	22.42	23.00	1
		1	25	22.35	22.22	22.44	22.46	22.35	23.00	1
		1	49	22.27	22.14	22.51	22.46	22.42	23.00	1
		25	0	21.31	21.22	21.40	21.55	21.35	22.00	2
		25	12	21.23	21.13	21.42	21.43	21.26	22.00	2
10	64-QAM	25	25	21.42	21.30	21.46	21.46	21.44	22.00	2
		50	0	21.30	21.33	21.37	21.43	21.46	22.00	2
		1	0	21.24	21.28	21.27	21.52	21.31	22.00	2
		1	25	21.27	21.16	21.41	21.48	21.27	22.00	2
		1	49	21.33	21.22	21.29	21.37	21.41	22.00	2
		25	0	20.31	20.28	20.35	20.41	20.33	21.00	3
10	256-QAM	25	12	20.34	20.19	20.50	20.34	20.44	21.00	3
		25	25	20.30	20.36	20.47	20.31	20.39	21.00	3
		50	0	20.26	20.35	20.38	20.29	20.47	21.00	3
		1	0	18.53	18.45	18.60	18.63	18.53	19.00	5
		1	25	18.52	18.54	18.60	18.60	18.62	19.00	5
		1	49	18.51	18.41	18.63	18.58	18.60	19.00	5
10	256-QAM	25	0	18.40	18.44	18.57	18.70	18.46	19.00	5
		25	12	18.55	18.43	18.57	18.61	18.59	19.00	5
		25	25	18.44	18.41	18.64	18.60	18.56	19.00	5
		50	0	18.42	18.52	18.47	18.59	18.56	19.00	5

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LTE Band 41										
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	23.28	23.30	23.37	23.43	23.43	24.00	0
		1	12	23.34	23.20	23.38	23.33	23.38	24.00	0
		1	24	23.24	23.29	23.43	23.45	23.35	24.00	0
		12	0	22.28	22.32	22.51	22.42	22.37	23.00	1
		12	6	22.27	22.24	22.35	22.41	22.36	23.00	1
		12	13	22.30	22.23	22.44	22.39	22.38	23.00	1
5	16-QAM	25	0	22.22	22.19	22.44	22.43	22.39	23.00	1
		1	0	22.38	22.20	22.29	22.44	22.44	23.00	1
		1	12	22.31	22.23	22.46	22.34	22.32	23.00	1
		1	24	22.28	22.15	22.28	22.39	22.40	23.00	1
		12	0	21.28	21.29	21.40	21.48	21.35	22.00	2
		12	6	21.40	21.28	21.42	21.45	21.32	22.00	2
5	64-QAM	12	13	21.42	21.23	21.39	21.47	21.37	22.00	2
		25	0	21.34	21.20	21.41	21.38	21.38	22.00	2
		1	0	21.29	21.15	21.47	21.34	21.36	22.00	2
		1	12	21.31	21.23	21.42	21.44	21.44	22.00	2
		1	24	21.28	21.29	21.26	21.37	21.36	22.00	2
		12	0	20.25	20.34	20.45	20.54	20.45	21.00	3
5	256-QAM	12	6	20.38	20.17	20.40	20.48	20.40	21.00	3
		12	13	20.39	20.31	20.40	20.29	20.33	21.00	3
		25	0	20.37	20.31	20.32	20.46	20.37	21.00	3
		1	0	18.64	18.41	18.61	18.65	18.50	19.00	5
		1	12	18.50	18.44	18.55	18.56	18.61	19.00	5
		1	24	18.55	18.48	18.54	18.69	18.56	19.00	5
5	256-QAM	12	0	18.55	18.32	18.55	18.71	18.52	19.00	5
		12	6	18.55	18.36	18.51	18.71	18.64	19.00	5
		12	13	18.58	18.56	18.69	18.61	18.48	19.00	5
		25	0	18.39	18.49	18.57	18.55	18.53	19.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3410	3500	3590		
Channel				41690	42590	43490		
20	QPSK	1	0	23.32	23.48	23.41	24.00	0
		1	50	23.07	23.25	23.31	24.00	0
		1	99	23.08	23.37	23.31	24.00	0
		50	0	22.10	22.38	22.23	23.00	1
		50	25	22.19	22.42	22.15	23.00	1
		50	50	22.07	22.38	22.29	23.00	1
		100	0	22.27	22.46	22.15	23.00	1
20	16-QAM	1	0	22.12	22.26	22.21	23.00	1
		1	50	22.14	22.27	22.22	23.00	1
		1	99	22.19	22.36	22.22	23.00	1
		50	0	21.15	21.24	21.29	22.00	2
		50	25	21.20	21.19	21.22	22.00	2
		50	50	21.10	21.41	21.30	22.00	2
		100	0	21.25	21.20	21.16	22.00	2
20	64-QAM	1	0	21.16	21.24	21.25	22.00	2
		1	50	21.18	21.23	21.31	22.00	2
		1	99	21.13	21.28	21.19	22.00	2
		50	0	20.11	20.36	20.27	21.00	3
		50	25	20.03	20.42	20.25	21.00	3
		50	50	20.04	20.39	20.15	21.00	3
		100	0	20.05	20.32	20.23	21.00	3
20	256-QAM	1	0	18.41	18.40	18.51	19.00	5
		1	50	18.41	18.52	18.46	19.00	5
		1	99	18.34	18.60	18.45	19.00	5
		50	0	18.43	18.58	18.49	19.00	5
		50	25	18.36	18.42	18.57	19.00	5
		50	50	18.36	18.58	18.55	19.00	5
		100	0	18.42	18.57	18.45	19.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3407.5	3500	3592.5		
Channel				41665	42590	43515		
15	QPSK	1	0	23.17	23.36	23.27	24.00	0
		1	36	23.14	23.31	23.15	24.00	0
		1	74	23.20	23.20	23.28	24.00	0
		36	0	22.22	22.34	22.24	23.00	1
		36	18	22.13	22.25	22.26	23.00	1
		36	37	22.18	22.35	22.31	23.00	1
		75	0	22.10	22.35	22.35	23.00	1
15	16-QAM	1	0	22.06	22.43	22.25	23.00	1
		1	36	22.12	22.25	22.18	23.00	1
		1	74	22.19	22.42	22.20	23.00	1
		36	0	21.20	21.39	21.18	22.00	2
		36	18	21.25	21.24	21.22	22.00	2
		36	37	21.17	21.26	21.25	22.00	2
		75	0	21.19	21.20	21.26	22.00	2
15	64-QAM	1	0	21.21	21.26	21.17	22.00	2
		1	36	21.18	21.28	21.24	22.00	2
		1	74	21.12	21.41	21.31	22.00	2
		36	0	20.12	20.35	20.21	21.00	3
		36	18	20.14	20.31	20.16	21.00	3
		36	37	20.15	20.36	20.24	21.00	3
		75	0	20.04	20.36	20.24	21.00	3
15	256-QAM	1	0	18.48	18.54	18.41	19.00	5
		1	36	18.34	18.56	18.41	19.00	5
		1	74	18.45	18.51	18.45	19.00	5
		36	0	18.33	18.40	18.49	19.00	5
		36	18	18.46	18.53	18.43	19.00	5
		36	37	18.41	18.49	18.41	19.00	5
		75	0	18.30	18.44	18.52	19.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3405	3500	3595		
Channel				41640	42590	43540		
10	QPSK	1	0	23.25	23.31	23.31	24.00	0
		1	25	23.24	23.28	23.34	24.00	0
		1	49	23.26	23.24	23.27	24.00	0
		25	0	22.14	22.33	22.23	23.00	1
		25	12	22.15	22.34	22.12	23.00	1
		25	25	22.22	22.22	22.27	23.00	1
		50	0	22.17	22.27	22.15	23.00	1
10	16-QAM	1	0	22.30	22.33	22.28	23.00	1
		1	25	22.04	22.35	22.35	23.00	1
		1	49	22.13	22.28	22.23	23.00	1
		25	0	21.23	21.35	21.34	22.00	2
		25	12	21.18	21.30	21.18	22.00	2
		25	25	21.12	21.43	21.18	22.00	2
		50	0	21.13	21.29	21.32	22.00	2
10	64-QAM	1	0	21.26	21.40	21.25	22.00	2
		1	25	21.10	21.25	21.19	22.00	2
		1	49	21.24	21.42	21.20	22.00	2
		25	0	20.25	20.39	20.30	21.00	3
		25	12	20.28	20.28	20.29	21.00	3
		25	25	20.17	20.23	20.18	21.00	3
		50	0	20.14	20.30	20.24	21.00	3
10	256-QAM	1	0	18.27	18.53	18.53	19.00	5
		1	25	18.28	18.61	18.46	19.00	5
		1	49	18.50	18.54	18.39	19.00	5
		25	0	18.37	18.46	18.49	19.00	5
		25	12	18.27	18.51	18.50	19.00	5
		25	25	18.41	18.50	18.51	19.00	5
		50	0	18.29	18.61	18.50	19.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3402.5	3500	3597.5		
Channel				41615	42590	43565		
5	QPSK	1	0	23.12	23.38	23.27	24.00	0
		1	12	23.13	23.44	23.21	24.00	0
		1	24	23.23	23.23	23.23	24.00	0
		12	0	22.14	22.32	22.29	23.00	1
		12	6	22.09	22.35	22.24	23.00	1
		12	13	22.09	22.37	22.21	23.00	1
		25	0	22.16	22.23	22.34	23.00	1
5	16-QAM	1	0	22.17	22.31	22.26	23.00	1
		1	12	22.12	22.33	22.33	23.00	1
		1	24	22.07	22.30	22.29	23.00	1
		12	0	21.15	21.27	21.17	22.00	2
		12	6	21.16	21.28	21.21	22.00	2
		12	13	21.22	21.35	21.17	22.00	2
		25	0	21.14	21.40	21.18	22.00	2
5	64-QAM	1	0	21.13	21.36	21.20	22.00	2
		1	12	21.18	21.21	21.28	22.00	2
		1	24	21.27	21.26	21.26	22.00	2
		12	0	20.22	20.23	20.39	21.00	3
		12	6	20.17	20.30	20.23	21.00	3
		12	13	20.17	20.27	20.24	21.00	3
		25	0	20.21	20.39	20.37	21.00	3
5	256-QAM	1	0	18.32	18.58	18.44	19.00	5
		1	12	18.44	18.43	18.43	19.00	5
		1	24	18.46	18.54	18.34	19.00	5
		12	0	18.36	18.53	18.47	19.00	5
		12	6	18.43	18.51	18.50	19.00	5
		12	13	18.31	18.44	18.40	19.00	5
		25	0	18.42	18.55	18.38	19.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3410	3500	3590		
Channel				41690	42590	43490		
20	QPSK	1	0	23.32	23.48	23.41	24.50	0
		1	50	23.07	23.25	23.31	24.50	0
		1	99	23.08	23.37	23.31	24.50	0
		50	0	22.10	22.38	22.23	23.50	1
		50	25	22.19	22.42	22.15	23.50	1
		50	50	22.07	22.38	22.29	23.50	1
		100	0	22.27	22.46	22.15	23.50	1
20	16-QAM	1	0	22.12	22.26	22.21	23.50	1
		1	50	22.14	22.27	22.22	23.50	1
		1	99	22.19	22.36	22.22	23.50	1
		50	0	21.15	21.24	21.29	22.50	2
		50	25	21.20	21.19	21.22	22.50	2
		50	50	21.10	21.41	21.30	22.50	2
		100	0	21.25	21.20	21.16	22.50	2
20	64-QAM	1	0	21.16	21.24	21.25	22.50	2
		1	50	21.18	21.23	21.31	22.50	2
		1	99	21.13	21.28	21.19	22.50	2
		50	0	20.11	20.36	20.27	21.50	3
		50	25	20.03	20.42	20.25	21.50	3
		50	50	20.04	20.39	20.15	21.50	3
		100	0	20.05	20.32	20.23	21.50	3
20	256-QAM	1	0	18.41	18.40	18.51	19.50	5
		1	50	18.41	18.52	18.46	19.50	5
		1	99	18.34	18.60	18.45	19.50	5
		50	0	18.43	18.58	18.49	19.50	5
		50	25	18.36	18.42	18.57	19.50	5
		50	50	18.36	18.58	18.55	19.50	5
		100	0	18.42	18.57	18.45	19.50	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3407.5	3500	3592.5		
Channel				41665	42590	43515		
15	QPSK	1	0	23.17	23.36	23.27	24.50	0
		1	36	23.14	23.31	23.15	24.50	0
		1	74	23.20	23.20	23.28	24.50	0
		36	0	22.22	22.34	22.24	23.50	1
		36	18	22.13	22.25	22.26	23.50	1
		36	37	22.18	22.35	22.31	23.50	1
		75	0	22.10	22.35	22.35	23.50	1
15	16-QAM	1	0	22.06	22.43	22.25	23.50	1
		1	36	22.12	22.25	22.18	23.50	1
		1	74	22.19	22.42	22.20	23.50	1
		36	0	21.20	21.39	21.18	22.50	2
		36	18	21.25	21.24	21.22	22.50	2
		36	37	21.17	21.26	21.25	22.50	2
		75	0	21.19	21.20	21.26	22.50	2
15	64-QAM	1	0	21.21	21.26	21.17	22.50	2
		1	36	21.18	21.28	21.24	22.50	2
		1	74	21.12	21.41	21.31	22.50	2
		36	0	20.12	20.35	20.21	21.50	3
		36	18	20.14	20.31	20.16	21.50	3
		36	37	20.15	20.36	20.24	21.50	3
		75	0	20.04	20.36	20.24	21.50	3
15	256-QAM	1	0	18.48	18.54	18.41	19.50	5
		1	36	18.34	18.56	18.41	19.50	5
		1	74	18.45	18.51	18.45	19.50	5
		36	0	18.33	18.40	18.49	19.50	5
		36	18	18.46	18.53	18.43	19.50	5
		36	37	18.41	18.49	18.41	19.50	5
		75	0	18.30	18.44	18.52	19.50	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3405	3500	3595		
Channel				41640	42590	43540		
10	QPSK	1	0	23.25	23.31	23.31	24.50	0
		1	25	23.24	23.28	23.34	24.50	0
		1	49	23.26	23.24	23.27	24.50	0
		25	0	22.14	22.33	22.23	23.50	1
		25	12	22.15	22.34	22.12	23.50	1
		25	25	22.22	22.22	22.27	23.50	1
		50	0	22.17	22.27	22.15	23.50	1
10	16-QAM	1	0	22.30	22.33	22.28	23.50	1
		1	25	22.04	22.35	22.35	23.50	1
		1	49	22.13	22.28	22.23	23.50	1
		25	0	21.23	21.35	21.34	22.50	2
		25	12	21.18	21.30	21.18	22.50	2
		25	25	21.12	21.43	21.18	22.50	2
		50	0	21.13	21.29	21.32	22.50	2
10	64-QAM	1	0	21.26	21.40	21.25	22.50	2
		1	25	21.10	21.25	21.19	22.50	2
		1	49	21.24	21.42	21.20	22.50	2
		25	0	20.25	20.39	20.30	21.50	3
		25	12	20.28	20.28	20.29	21.50	3
		25	25	20.17	20.23	20.18	21.50	3
		50	0	20.14	20.30	20.24	21.50	3
10	256-QAM	1	0	18.27	18.53	18.53	19.50	5
		1	25	18.28	18.61	18.46	19.50	5
		1	49	18.50	18.54	18.39	19.50	5
		25	0	18.37	18.46	18.49	19.50	5
		25	12	18.27	18.51	18.50	19.50	5
		25	25	18.41	18.50	18.51	19.50	5
		50	0	18.29	18.61	18.50	19.50	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3402.5	3500	3597.5		
Channel				41615	42590	43565		
5	QPSK	1	0	23.12	23.38	23.27	24.50	0
		1	12	23.13	23.44	23.21	24.50	0
		1	24	23.23	23.23	23.23	24.50	0
		12	0	22.14	22.32	22.29	23.50	1
		12	6	22.09	22.35	22.24	23.50	1
		12	13	22.09	22.37	22.21	23.50	1
		25	0	22.16	22.23	22.34	23.50	1
5	16-QAM	1	0	22.17	22.31	22.26	23.50	1
		1	12	22.12	22.33	22.33	23.50	1
		1	24	22.07	22.30	22.29	23.50	1
		12	0	21.15	21.27	21.17	22.50	2
		12	6	21.16	21.28	21.21	22.50	2
		12	13	21.22	21.35	21.17	22.50	2
		25	0	21.14	21.40	21.18	22.50	2
5	64-QAM	1	0	21.13	21.36	21.20	22.50	2
		1	12	21.18	21.21	21.28	22.50	2
		1	24	21.27	21.26	21.26	22.50	2
		12	0	20.22	20.23	20.39	21.50	3
		12	6	20.17	20.30	20.23	21.50	3
		12	13	20.17	20.27	20.24	21.50	3
		25	0	20.21	20.39	20.37	21.50	3
5	256-QAM	1	0	18.32	18.58	18.44	19.50	5
		1	12	18.44	18.43	18.43	19.50	5
		1	24	18.46	18.54	18.34	19.50	5
		12	0	18.36	18.53	18.47	19.50	5
		12	6	18.43	18.51	18.50	19.50	5
		12	13	18.31	18.44	18.40	19.50	5
		25	0	18.42	18.55	18.38	19.50	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3410	3500	3590		
Channel				41690	42590	43490		
20	QPSK	1	0	19.84	19.99	19.93	20.00	0
		1	50	19.59	19.82	19.81	20.00	0
		1	99	19.60	19.88	19.85	20.00	0
		50	0	18.66	18.94	18.79	19.00	1
		50	25	18.72	18.94	18.74	19.00	1
		50	50	18.63	18.94	18.87	19.00	1
		100	0	18.78	19.00	18.70	19.00	1
20	16-QAM	1	0	18.64	18.79	18.75	19.00	1
		1	50	18.67	18.79	18.79	19.00	1
		1	99	18.71	18.90	18.81	19.00	1
		50	0	17.69	17.83	17.82	18.00	2
		50	25	17.74	17.74	17.73	18.00	2
		50	50	17.61	17.92	17.81	18.00	2
		100	0	17.75	17.77	17.73	18.00	2
20	64-QAM	1	0	17.68	17.78	17.82	18.00	2
		1	50	17.72	17.78	17.84	18.00	2
		1	99	17.65	17.83	17.72	18.00	2
		50	0	16.66	16.92	16.83	17.00	3
		50	25	16.53	16.97	16.84	17.00	3
		50	50	16.63	16.89	16.74	17.00	3
		100	0	16.57	16.84	16.74	17.00	3
20	256-QAM	1	0	14.70	14.68	14.29	15.00	5
		1	50	14.66	14.78	14.71	15.00	5
		1	99	14.56	14.80	14.69	15.00	5
		50	0	14.67	14.81	14.74	15.00	5
		50	25	14.56	14.69	14.82	15.00	5
		50	50	14.62	14.79	14.84	15.00	5
		100	0	14.69	14.81	14.71	15.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3407.5	3500	3592.5		
Channel				41665	42590	43515		
15	QPSK	1	0	19.72	19.95	19.82	20.00	0
		1	36	19.53	19.66	19.63	20.00	0
		1	74	19.52	19.78	19.84	20.00	0
		36	0	18.60	18.91	18.61	19.00	1
		36	18	18.67	18.87	18.66	19.00	1
		36	37	18.51	18.77	18.70	19.00	1
		75	0	18.65	18.97	18.55	19.00	1
15	16-QAM	1	0	18.56	18.75	18.74	19.00	1
		1	36	18.65	18.75	18.75	19.00	1
		1	74	18.65	18.75	18.73	19.00	1
		36	0	17.52	17.78	17.72	18.00	2
		36	18	17.59	17.62	17.72	18.00	2
		36	37	17.61	17.86	17.74	18.00	2
		75	0	17.69	17.76	17.67	18.00	2
15	64-QAM	1	0	17.63	17.78	17.66	18.00	2
		1	36	17.66	17.62	17.83	18.00	2
		1	74	17.52	17.68	17.61	18.00	2
		36	0	16.57	16.91	16.83	17.00	3
		36	18	16.34	16.80	16.81	17.00	3
		36	37	16.48	16.76	16.58	17.00	3
		75	0	16.56	16.78	16.65	17.00	3
15	256-QAM	1	0	14.66	14.49	14.25	15.00	5
		1	36	14.63	14.77	14.52	15.00	5
		1	74	14.45	14.76	14.58	15.00	5
		36	0	14.59	14.68	14.72	15.00	5
		36	18	14.51	14.60	14.63	15.00	5
		36	37	14.49	14.70	14.66	15.00	5
		75	0	14.53	14.74	14.68	15.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3405	3500	3595		
Channel				41640	42590	43540		
10	QPSK	1	0	19.66	19.83	19.86	20.00	0
		1	25	19.54	19.82	19.68	20.00	0
		1	49	19.52	19.72	19.69	20.00	0
		25	0	18.65	18.93	18.74	19.00	1
		25	12	18.57	18.85	18.74	19.00	1
		25	25	18.49	18.83	18.79	19.00	1
		50	0	18.63	18.94	18.59	19.00	1
10	16-QAM	1	0	18.64	18.78	18.73	19.00	1
		1	25	18.54	18.74	18.67	19.00	1
		1	49	18.65	18.79	18.73	19.00	1
		25	0	17.65	17.66	17.81	18.00	2
		25	12	17.66	17.60	17.59	18.00	2
		25	25	17.45	17.85	17.81	18.00	2
		50	0	17.57	17.74	17.65	18.00	2
10	64-QAM	1	0	17.65	17.61	17.72	18.00	2
		1	25	17.69	17.77	17.80	18.00	2
		1	49	17.64	17.79	17.65	18.00	2
		25	0	16.61	16.91	16.77	17.00	3
		25	12	16.36	16.79	16.72	17.00	3
		25	25	16.44	16.72	16.66	17.00	3
		50	0	16.43	16.71	16.73	17.00	3
10	256-QAM	1	0	14.62	14.65	14.26	15.00	5
		1	25	14.50	14.65	14.54	15.00	5
		1	49	14.53	14.72	14.53	15.00	5
		25	0	14.67	14.71	14.71	15.00	5
		25	12	14.47	14.53	14.65	15.00	5
		25	25	14.56	14.76	14.73	15.00	5
		50	0	14.50	14.62	14.65	15.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3402.5	3500	3597.5		
Channel				41615	42590	43565		
5	QPSK	1	0	19.68	19.86	19.93	20.00	0
		1	12	19.45	19.64	19.76	20.00	0
		1	24	19.46	19.77	19.69	20.00	0
		12	0	18.65	18.76	18.79	19.00	1
		12	6	18.59	18.90	18.74	19.00	1
		12	13	18.63	18.76	18.71	19.00	1
		25	0	18.72	18.95	18.58	19.00	1
5	16-QAM	1	0	18.47	18.63	18.70	19.00	1
		1	12	18.67	18.66	18.67	19.00	1
		1	24	18.59	18.72	18.77	19.00	1
		12	0	17.69	17.83	17.75	18.00	2
		12	6	17.71	17.58	17.71	18.00	2
		12	13	17.45	17.87	17.71	18.00	2
		25	0	17.74	17.71	17.54	18.00	2
5	64-QAM	1	0	17.59	17.59	17.67	18.00	2
		1	12	17.69	17.73	17.77	18.00	2
		1	24	17.62	17.68	17.71	18.00	2
		12	0	16.51	16.80	16.68	17.00	3
		12	6	16.45	16.78	16.65	17.00	3
		12	13	16.45	16.89	16.56	17.00	3
		25	0	16.53	16.73	16.57	17.00	3
5	256-QAM	1	0	14.64	14.58	14.13	15.00	5
		1	12	14.65	14.71	14.62	15.00	5
		1	24	14.44	14.80	14.56	15.00	5
		12	0	14.53	14.76	14.74	15.00	5
		12	6	14.39	14.63	14.77	15.00	5
		12	13	14.61	14.67	14.76	15.00	5
		25	0	14.69	14.78	14.52	15.00	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3410	3500	3590		
Channel				41690	42590	43490		
20	QPSK	1	0	18.31	18.35	18.41	18.50	0
		1	50	17.94	18.32	18.12	18.50	0
		1	99	17.92	18.19	18.23	18.50	0
		50	0	17.11	17.25	17.13	17.50	1
		50	25	17.05	17.31	17.19	17.50	1
		50	50	16.99	17.27	17.30	17.50	1
		100	0	17.11	17.31	17.07	17.50	1
20	16-QAM	1	0	16.95	17.27	17.22	17.50	1
		1	50	17.12	17.22	17.16	17.50	1
		1	99	17.03	17.39	17.13	17.50	1
		50	0	16.02	16.19	16.28	16.50	2
		50	25	16.21	16.21	16.17	16.50	2
		50	50	15.99	16.26	16.28	16.50	2
		100	0	16.09	16.18	16.04	16.50	2
20	64-QAM	1	0	16.02	16.26	16.24	16.50	2
		1	50	16.09	16.17	16.17	16.50	2
		1	99	16.11	16.22	16.05	16.50	2
		50	0	15.15	15.37	15.27	15.50	3
		50	25	14.87	15.28	15.29	15.50	3
		50	50	15.08	15.20	15.16	15.50	3
		100	0	15.00	15.21	15.14	15.50	3
20	256-QAM	1	0	13.11	13.16	12.61	13.50	5
		1	50	12.98	13.10	13.02	13.50	5
		1	99	13.06	13.26	13.09	13.50	5
		50	0	13.02	13.19	13.08	13.50	5
		50	25	13.06	13.06	13.22	13.50	5
		50	50	12.98	13.22	13.22	13.50	5
		100	0	13.03	13.20	13.02	13.50	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3407.5	3500	3592.5		
Channel				41665	42590	43515		
15	QPSK	1	0	18.09	18.42	18.15	18.50	0
		1	36	17.92	18.00	18.09	18.50	0
		1	74	17.87	18.17	18.21	18.50	0
		36	0	16.92	17.40	17.00	17.50	1
		36	18	17.12	17.29	17.12	17.50	1
		36	37	16.97	17.12	17.05	17.50	1
		75	0	17.02	17.43	16.87	17.50	1
15	16-QAM	1	0	16.92	17.13	17.20	17.50	1
		1	36	16.96	17.07	17.16	17.50	1
		1	74	17.15	17.24	17.13	17.50	1
		36	0	15.89	16.15	16.12	16.50	2
		36	18	15.90	15.96	16.18	16.50	2
		36	37	16.01	16.17	16.09	16.50	2
		75	0	16.05	16.20	16.10	16.50	2
15	64-QAM	1	0	16.04	16.18	16.09	16.50	2
		1	36	16.08	15.95	16.17	16.50	2
		1	74	15.83	16.05	16.03	16.50	2
		36	0	15.03	15.28	15.30	15.50	3
		36	18	14.80	15.20	15.18	15.50	3
		36	37	14.98	15.16	15.08	15.50	3
		75	0	15.03	15.24	15.07	15.50	3
15	256-QAM	1	0	13.00	12.90	12.66	13.50	5
		1	36	13.06	13.08	12.85	13.50	5
		1	74	12.77	13.08	12.98	13.50	5
		36	0	12.99	13.00	13.07	13.50	5
		36	18	12.83	12.99	13.00	13.50	5
		36	37	12.96	13.14	13.01	13.50	5
		75	0	12.84	13.22	12.99	13.50	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3405	3500	3595		
Channel				41640	42590	43540		
10	QPSK	1	0	18.12	18.15	18.31	18.50	0
		1	25	17.99	18.32	18.14	18.50	0
		1	49	17.96	18.19	18.18	18.50	0
		25	0	16.96	17.31	17.21	17.50	1
		25	12	17.02	17.23	17.07	17.50	1
		25	25	16.99	17.18	17.12	17.50	1
		50	0	17.09	17.39	16.96	17.50	1
10	16-QAM	1	0	17.09	17.10	17.10	17.50	1
		1	25	16.87	17.15	16.98	17.50	1
		1	49	17.12	17.18	17.21	17.50	1
		25	0	16.12	16.00	16.25	16.50	2
		25	12	15.98	16.04	16.00	16.50	2
		25	25	15.80	16.19	16.18	16.50	2
		50	0	16.06	16.06	16.03	16.50	2
10	64-QAM	1	0	16.15	15.98	16.21	16.50	2
		1	25	16.19	16.13	16.19	16.50	2
		1	49	16.06	16.26	16.02	16.50	2
		25	0	15.08	15.39	15.14	15.50	3
		25	12	14.85	15.18	15.21	15.50	3
		25	25	14.86	15.17	15.07	15.50	3
		50	0	14.93	15.13	15.09	15.50	3
10	256-QAM	1	0	13.10	12.96	12.62	13.50	5
		1	25	12.98	13.09	12.93	13.50	5
		1	49	12.94	13.12	13.02	13.50	5
		25	0	13.14	13.19	13.03	13.50	5
		25	12	12.91	12.85	12.96	13.50	5
		25	25	12.90	13.16	13.20	13.50	5
		50	0	12.97	12.95	13.07	13.50	5

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LTE Band 42								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3402.5	3500	3597.5		
Channel				41615	42590	43565		
5	QPSK	1	0	18.10	18.34	18.28	18.50	0
		1	12	17.90	18.11	18.14	18.50	0
		1	24	17.85	18.18	18.06	18.50	0
		12	0	17.15	17.24	17.10	17.50	1
		12	6	17.00	17.40	17.21	17.50	1
		12	13	17.03	17.21	17.14	17.50	1
		25	0	17.19	17.32	17.08	17.50	1
5	16-QAM	1	0	16.81	17.01	17.15	17.50	1
		1	12	16.99	17.14	17.12	17.50	1
		1	24	16.90	17.03	17.09	17.50	1
		12	0	16.04	16.18	16.10	16.50	2
		12	6	16.16	15.92	16.09	16.50	2
		12	13	15.82	16.29	16.02	16.50	2
		25	0	16.09	16.14	15.99	16.50	2
5	64-QAM	1	0	15.95	16.09	16.11	16.50	2
		1	12	16.14	16.07	16.27	16.50	2
		1	24	16.09	16.17	16.15	16.50	2
		12	0	14.84	15.26	15.16	15.50	3
		12	6	14.86	15.22	15.01	15.50	3
		12	13	14.94	15.24	14.92	15.50	3
		25	0	14.92	15.21	15.00	15.50	3
5	256-QAM	1	0	13.02	13.07	12.44	13.50	5
		1	12	12.99	13.11	13.04	13.50	5
		1	24	12.78	13.17	13.06	13.50	5
		12	0	12.86	13.18	13.22	13.50	5
		12	6	12.72	13.07	13.19	13.50	5
		12	13	12.97	13.14	13.11	13.50	5
		25	0	13.13	13.15	13.00	13.50	5

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6.5 LTE DL CA

LTE Downlink 2CA conducted power table

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Power		Configurations
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	
LTE B42	20	42590	3500	QPSK	1	0	42590	3500	LTE B42	20	43490	3590	23.38	23.48	CA_42A-42A

LTE Downlink 3CA conducted power table

Three Component Carrier Maximum Conducted Power																			
PCC									SCC 1				SCC 2				Power		Configurations
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	
LTE B25	20	26590	1905	QPSK	1	0	8590	1985	LTE B25	20	8365	1962.5	LTE B25	20	8140	1940	22.81	23.02	CA_25A-25A-25A
LTE B25	20	26590	1905	QPSK	1	0	8590	1985	LTE B25	20	8140	1940	LTE B66	20	66536	2120	22.89	23.02	CA_25A-25A-66A
LTE B30	10	27710	2310	QPSK	1	0	9820	2355	LTE B66	20	66536	2120	LTE B66	20	67036	2170	22.99	23.14	CA_30A-66A-66A
LTE B66	20	132072	1720	QPSK	1	0	66536	2120	LTE B66	20	66786	2145	LTE B66	20	67036	2170	22.97	23.14	CA_66A-66A-66A
LTE B42	20	42590	3500	QPSK	1	0	42590	3500	LTE B42	20	43490	3590	LTE B42	20	43292	3570.2	23.30	23.48	CA_42A-42C
LTE B66	20	132072	1720	QPSK	1	0	66536	2120	LTE B66	10	67187	2185.1	LTE B66	10	67286	2195	23.01	23.14	CA_66A-66B
LTE B66	10	132072	1720	QPSK	1	0	66536	2120	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	23.06	23.14	CA_66A-66C
LTE B42	20	42590	3500	QPSK	1	0	42590	3500	LTE B42	20	42392	3480.2	LTE B42	20	42788	3519.8	23.32	23.48	CA_42D
LTE B66	20	132072	1720	QPSK	1	0	66536	2120	LTE B66	20	66734	2139.8	LTE B66	20	66932	2159.6	23.05	23.14	CA_66D

LTE Downlink 4CA conducted power table

Four Component Carrier Maximum Conducted Power																					
PCC						SCC 1				SCC 2				SCC 3				Power		Configurations	
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL/DL) Channel	PCC (UL/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)
LTE B42	20	QPSK	1	0	41690	3410	LTE B42	20	41888	3429.8	LTE B42	20	41292	3570.2	LTE B42	20	43490	3590	23.32	23.48	CA_42C-42C
LTE B42	20	QPSK	1	0	42293	3470.3	LTE B42	20	42491	3490.1	LTE B42	20	42089	3509.9	LTE B42	20	42887	3529.7	23.27	23.48	CA_42E

LTE DL CA information

A) The device supports a maximum of 4 carriers in the downlink. 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.

B) CA combination table

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Index	CA configuration	Restriction	Completely Covered by Measurement Superset
2CC #1	CA_25A-66A		#10
2CC #2	CA_30A-66A		#11
2CC #3	CA_25A-25A		#9
2CC #4	CA_42A-42A		No
2CC #5	CA_66A-66A		#12
2CC #6	CA_42C		#18
2CC #7	CA_66B		#14
2CC #8	CA_66C		#15
3CC #9	CA_25A-25A-25A		No
3CC #10	CA_25A-25A-66A		No
3CC #11	CA_30A-66A-66A		No
3CC #12	CA_66A-66A-66A		No
3CC #13	CA_42A-42C		No
3CC #14	CA_66A-66B		No
3CC #15	CA_66A-66C		No
3CC #16	CA_42D		No
3CC #17	CA_66D		No
4CC #18	CA_42C-42C		No
4CC #19	CA_42E		No

Note:

- 1) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1.
- 2) The reference test frequencies for CA refers to 3GPP TS 36.508.
- 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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6.6 LTE Intra-Band UL CA

CA_2C_DS10														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	20	QPSK	18898	1879.8	1	50	0	22.51	24.50
20	QPSK	19100	1900	1	0	20	QPSK	18902	1880.2	1	0	0	22.77	24.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	15	QPSK	18871	1877.1	1	36	0	22.43	24.50
20	QPSK	19100	1900	1	0	15	QPSK	18929	1882.9	1	0	0	22.70	24.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	10	QPSK	18844	1874.4	1	25	0	22.45	24.50
20	QPSK	19100	1900	1	0	10	QPSK	18956	1885.6	1	0	0	22.62	24.50
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	5	QPSK	18817	1871.7	1		0	22.38	24.50
20	QPSK	19100	1900	1	0	5	QPSK	18983	1888.3	1	0	0	22.68	24.50
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	18675	1857.5	1	0	15	QPSK	18825	1872.5	1	36	0	22.40	24.50
15	QPSK	19125	1902.5	1	0	15	QPSK	18975	1887.5	1	0	0	22.64	24.50
CA_2C_Ant2_DS14														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	20	QPSK	18898	1879.8	1	50	0	20.80	21.50
20	QPSK	19100	1900	1	0	20	QPSK	18902	1880.2	1	0	0	21.05	21.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	15	QPSK	18871	1877.1	1	36	0	20.75	21.50
20	QPSK	19100	1900	1	0	15	QPSK	18929	1882.9	1	0	0	21.02	21.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	10	QPSK	18844	1874.4	1	25	0	20.72	21.50
20	QPSK	19100	1900	1	0	10	QPSK	18956	1885.6	1	0	0	20.98	21.50
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	5	QPSK	18817	1871.7	1		0	20.76	21.50
20	QPSK	19100	1900	1	0	5	QPSK	18983	1888.3	1	0	0	20.95	21.50
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	18675	1857.5	1	0	15	QPSK	18825	1872.5	1	36	0	20.63	21.50
15	QPSK	19125	1902.5	1	0	15	QPSK	18975	1887.5	1	0	0	21.02	21.50

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CA_2C_Ant4_DS11														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	20	QPSK	18898	1879.8	1	50	0	22.15	22.50
20	QPSK	19100	1900	1	0	20	QPSK	18902	1880.2	1	0	0	22.25	22.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	15	QPSK	18871	1877.1	1	36	0	22.10	22.50
20	QPSK	19100	1900	1	0	15	QPSK	18929	1882.9	1	0	0	22.21	22.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	10	QPSK	18844	1874.4	1	25	0	22.08	22.50
20	QPSK	19100	1900	1	0	10	QPSK	18956	1885.6	1	0	0	22.19	22.50
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	18700	1860	1	0	5	QPSK	18817	1871.7	1		0	22.09	22.50
20	QPSK	19100	1900	1	0	5	QPSK	18983	1888.3	1	0	0	22.15	22.50
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	18675	1857.5	1	0	15	QPSK	18825	1872.5	1	36	0	22.04	22.50
15	QPSK	19125	1902.5	1	0	15	QPSK	18975	1887.5	1	0	0	22.10	22.50
CA_7C_DS10														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	20	QPSK	21152	2540.2	1	50	0	23.50	24.50
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	0	0	23.28	24.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	15	QPSK	21179	2542.9	1	36	0	23.48	24.50
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	0	0	23.21	24.50
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	15	QPSK	21225	2547.5	1	36	0	23.33	24.50
Combination 75RB + 50RB (15MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	10	QPSK	20945	2519.5	1	12	0	23.30	24.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	10	QPSK	20994	2524.4	1	12	0	23.45	24.50

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CA_7C_Ant4_DS11														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	20	QPSK	21152	2540.2	1	50	0	22.50	23.00
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	0	0	22.38	23.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	15	QPSK	21179	2542.9	1	36	0	22.48	23.00
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	0	0	22.21	23.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	15	QPSK	21225	2547.5	1	36	0	22.33	23.00
Combination 75RB + 50RB (15MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	10	QPSK	20945	2519.5	1	12	0	22.30	23.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	10	QPSK	20994	2524.4	1	12	0	22.45	23.00
CA_7C_Ant4_DS12														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	20	QPSK	21152	2540.2	1	50	0	20.75	21.00
20	QPSK	20850	2510	1	0	20	QPSK	21048	2529.8	1	0	0	20.65	21.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	15	QPSK	21179	2542.9	1	36	0	20.71	21.00
20	QPSK	20850	2510	1	0	15	QPSK	21021	2527.1	1	0	0	20.62	21.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	15	QPSK	21225	2547.5	1	36	0	20.61	21.00
Combination 75RB + 50RB (15MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	21375	2562.5	1	0	10	QPSK	20945	2519.5	1	12	0	20.58	21.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	21350	2560	1	0	10	QPSK	20994	2524.4	1	12	0	20.68	21.00

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CA_41C_DSIO														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	20	QPSK	2660.2	41292	1	0	0	23.25	24.50
20	QPSK	2506	39750	1	0	20	QPSK	2525.8	39948	1	99	0	23.36	24.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	15	QPSK	2662.9	41319	1	0	0	23.21	24.50
20	QPSK	2506	39750	1	0	15	QPSK	2523.1	39921	1	74	0	23.26	24.50
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	15	QPSK	2667.5	41365	1	0	0	23.17	24.50
15	QPSK	2503.5	39725	1	0	15	QPSK	2518.5	39875	1	74	0	23.22	24.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	10	QPSK	2665.6	41346	1	0	0	23.22	24.50
20	QPSK	2506	39750	1	0	10	QPSK	2520.4	39894	1	49	0	23.25	24.50
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	10	QPSK	2670.5	41395	1	0	0	23.19	24.50
15	QPSK	2503.5	39725	1	0	10	QPSK	2515.5	39845	1	49	0	23.29	24.50
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	5	QPSK	2668.3	41373	1	0	0	23.15	24.50
20	QPSK	2506	39750	1	0	5	QPSK	2517.7	39867	1	24	0	23.21	24.50

CA_41C_Ant4_DS12														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	20	QPSK	2660.2	41292	1	0	0	23.25	24.00
20	QPSK	2506	39750	1	0	20	QPSK	2525.8	39948	1	99	0	23.36	24.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	15	QPSK	2662.9	41319	1	0	0	23.21	24.00
20	QPSK	2506	39750	1	0	15	QPSK	2523.1	39921	1	74	0	23.26	24.00
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	15	QPSK	2667.5	41365	1	0	0	23.17	24.00
15	QPSK	2503.5	39725	1	0	15	QPSK	2518.5	39875	1	74	0	23.22	24.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	10	QPSK	2665.6	41346	1	0	0	23.22	24.00
20	QPSK	2506	39750	1	0	10	QPSK	2520.4	39894	1	49	0	23.25	24.00
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	10	QPSK	2670.5	41395	1	0	0	23.19	24.00
15	QPSK	2503.5	39725	1	0	10	QPSK	2515.5	39845	1	49	0	23.29	24.00
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	5	QPSK	2668.3	41373	1	0	0	23.15	24.00
20	QPSK	2506	39750	1	0	5	QPSK	2517.7	39867	1	24	0	23.21	24.00

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CA_42C_DSIO														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	20	QPSK	41888	3429.8	1	50	0	23.12	24.50
20	QPSK	43490	3590	1	0	20	QPSK	43292	3570.2	1	0	0	23.20	24.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	15	QPSK	41861	3427.1	1	36	0	23.05	24.50
20	QPSK	43490	3590	1	0	15	QPSK	43319	3572.9	1	0	0	23.11	24.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	10	QPSK	41834	3424.4	1	25	0	23.08	24.50
20	QPSK	43490	3590	1	0	10	QPSK	43346	3575.6	1	0	0	23.05	24.50
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	5	QPSK	41807	3421.7	1	12	0	23.09	24.50
20	QPSK	43490	3590	1	0	5	QPSK	43373	3578.3	1	0	0	23.15	24.50
CA_42C_Ant5_DS1I														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	20	QPSK	41888	3429.8	1	50	0	19.62	20.00
20	QPSK	43490	3590	1	0	20	QPSK	43292	3570.2	1	0	0	19.75	20.00
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	15	QPSK	41861	3427.1	1	36	0	19.58	20.00
20	QPSK	43490	3590	1	0	15	QPSK	43319	3572.9	1	0	0	19.70	20.00
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	10	QPSK	41834	3424.4	1	25	0	19.55	20.00
20	QPSK	43490	3590	1	0	10	QPSK	43346	3575.6	1	0	0	19.72	20.00
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	5	QPSK	41807	3421.7	1	12	0	19.56	20.00
20	QPSK	43490	3590	1	0	5	QPSK	43373	3578.3	1	0	0	17.68	20.00
CA_42C_Ant5_DSII														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	20	QPSK	41888	3429.8	1	50	0	18.15	18.50
20	QPSK	43490	3590	1	0	20	QPSK	43292	3570.2	1	0	0	18.23	18.50
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	15	QPSK	41861	3427.1	1	36	0	18.10	18.50
20	QPSK	43490	3590	1	0	15	QPSK	43319	3572.9	1	0	0	18.20	18.50
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	10	QPSK	41834	3424.4	1	25	0	18.05	18.50
20	QPSK	43490	3590	1	0	10	QPSK	43346	3575.6	1	0	0	18.21	18.50
Combination 25RB + 100RB (5MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset	Bandwidth [MHz]	Modulation	Channel	Frequency [MHz]	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	41690	3410	1	0	5	QPSK	41807	3421.7	1	12	0	18.09	18.50
20	QPSK	43490	3590	1	0	5	QPSK	43373	3578.3	1	0	0	18.18	18.50

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6.7 FDD NR

DS10

5G NR n2_15kHz									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	
Frequency (MHz)				1860	1880	1900			
Channel				372000	376000	380000			
20	Pi/2 BPSK	1	1	22.81	22.93	22.88	24.50	0.0	
		1	53	22.68	22.82	22.74	24.50	0.0	
		1	104	22.72	22.83	22.82	24.50	0.0	
		50	0	22.26	22.41	22.44	24.00	0.5	
		50	28	22.65	22.79	22.85	24.50	0.0	
		50	56	22.32	22.41	22.34	24.00	0.5	
	QPSK	100	0	22.32	22.40	22.33	24.00	0.5	
		1	1	22.68	22.74	22.71	24.50	0.0	
		1	53	22.75	22.79	22.83	24.50	0.0	
		1	104	22.71	22.80	22.73	24.50	0.0	
		50	0	21.74	21.82	21.78	23.50	1.0	
		50	28	22.72	22.87	22.77	24.50	0.0	
	16-QAM	50	56	21.69	21.79	21.77	23.50	1.0	
		100	0	21.65	21.76	21.72	23.50	1.0	
		16-QAM	1	1	21.69	21.80	21.77	23.50	1.0
		64QAM	1	1	20.24	20.35	20.30	22.00	2.5
256-QAM	1	1	17.56	17.65	17.51	19.50	5.0		

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	22.66	22.76	22.76	24.50	0.0

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				371000	376000	381000		
10	Pi/2 BPSK	1	1	22.68	22.75	22.75	24.50	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	22.65	22.83	22.73	24.50	0.0

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5G NR n5_15kHz								
Channel	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	23.40	23.32	23.45	24.50	0.0
		1	53	23.24	23.21	23.25	24.50	0.0
		1	104	23.35	23.15	23.27	24.50	0.0
		50	0	22.94	22.73	22.93	24.00	0.5
		50	28	23.24	23.20	23.27	24.50	0.0
		50	56	22.85	22.79	22.96	24.00	0.5
		100	0	22.96	22.79	22.92	24.00	0.5
	QPSK	1	1	23.29	23.23	23.34	24.50	0.0
		1	53	23.35	23.19	23.34	24.50	0.0
		1	104	23.27	23.18	23.36	24.50	0.0
		50	0	22.21	22.25	22.34	23.50	1.0
		50	28	23.31	23.20	23.34	24.50	0.0
		50	56	22.28	22.18	22.34	23.50	1.0
		100	0	22.24	22.15	22.29	23.50	1.0
	16-QAM	1	1	22.28	22.19	22.34	23.50	1.0
64QAM	1	1	20.80	20.74	20.90	22.00	2.5	
256-QAM	1	1	18.84	18.65	18.78	19.50	5.0	

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				831.5	836.5	841.5		
Channel				166300	167300	168300		
15	Pi/2 BPSK	1	1	23.32	23.19	23.31	24.50	0.0

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				166300	167300	168800		
10	Pi/2 BPSK	1	1	23.33	23.22	23.35	24.50	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	23.25	23.22	23.37	24.50	0.0

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5G NR n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	707.5	708.5		
Channel				141300	141500	141700		
15	Pi/2 BPSK	1	1	23.08	23.02	23.05	24.50	0.0
		1	40	22.88	22.90	22.86	24.50	0.0
		1	77	22.88	22.88	22.92	24.50	0.0
		36	0	22.47	22.48	22.51	24.00	0.5
		36	22	22.94	22.90	22.89	24.50	0.0
		36	43	22.58	22.53	22.52	24.00	0.5
		75	0	22.58	22.51	22.53	24.00	0.5
	QPSK	1	1	22.97	22.87	22.95	24.50	0.0
		1	40	22.88	22.90	22.88	24.50	0.0
		1	77	22.94	22.90	22.98	24.50	0.0
		36	0	21.94	21.83	21.91	23.50	1.0
		36	22	22.97	22.90	22.91	24.50	0.0
		36	43	21.96	21.88	21.94	23.50	1.0
		75	0	21.92	21.85	21.89	23.50	1.0
	16-QAM	1	1	21.96	21.89	21.94	23.50	1.0
64QAM	1	1	20.46	20.37	20.39	22.00	2.5	
256-QAM	1	1	18.53	18.39	18.47	19.50	5.0	

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)				704	707.5	711		
Channel				140800	141500	142200		
10	Pi/2 BPSK	1	1	22.94	22.91	22.85	24.50	0.0

5G NR n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				140300	141500	142200		
5	Pi/2 BPSK	1	1	22.93	22.92	22.91	24.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	22.94	22.97	22.90	24.50	0.0
		1	108	22.70	22.83	22.81	24.50	0.0
		1	214	22.84	22.73	22.96	24.50	0.0
		108	0	22.34	22.50	22.64	24.00	0.5
		108	54	22.76	22.91	22.82	24.50	0.0
		108	108	22.44	22.54	22.45	24.00	0.5
		216	0	22.37	22.45	22.52	24.00	0.5
	QPSK	1	1	22.75	22.88	22.91	24.50	0.0
		1	108	22.79	22.92	22.89	24.50	0.0
		1	214	22.79	22.96	22.79	24.50	0.0
		108	0	21.83	21.95	21.85	23.50	1.0
		108	54	22.76	22.97	22.85	24.50	0.0
		108	108	21.77	21.86	21.96	23.50	1.0
		216	0	21.68	21.79	21.79	23.50	1.0
16-QAM	1	1	21.81	21.96	21.79	23.50	1.0	
64QAM	1	1	20.27	20.49	20.35	22.00	2.5	
256-QAM	1	1	17.65	17.72	17.61	19.50	5.0	

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1867.5	1882.5	1892.5		
Channel				373500	376500	378500		
35	Pi/2 BPSK	1	1	22.83	22.90	22.86	24.50	0.0

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	22.82	22.76	22.85	24.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	22.80	22.94	22.80	24.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	22.81	22.95	22.80	24.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	22.81	22.82	22.80	24.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	22.83	22.90	22.88	24.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	22.70	22.96	22.93	24.50	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1730	1745	1760		
Channel				346000	349000	352000		
40	Pi/2 BPSK	1	1	22.84	22.88	22.92	24.50	0.0
		1	108	22.76	22.76	22.78	24.50	0.0
		1	214	22.70	22.80	22.81	24.50	0.0
		108	0	22.27	22.40	22.44	24.00	0.5
		108	54	22.76	22.79	22.78	24.50	0.0
		108	108	22.32	22.40	22.41	24.00	0.5
		216	0	22.32	22.41	22.33	24.00	0.5
	QPSK	1	1	22.74	22.77	22.79	24.50	0.0
		1	108	22.70	22.74	22.79	24.50	0.0
		1	214	22.68	22.72	22.83	24.50	0.0
		108	0	21.66	21.75	21.84	23.50	1.0
		108	54	22.76	22.78	22.86	24.50	0.0
		108	108	21.72	21.74	21.81	23.50	1.0
		216	0	21.68	21.71	21.76	23.50	1.0
	16-QAM	1	1	21.72	21.75	21.81	23.50	1.0
64QAM	1	1	20.27	20.22	20.29	22.00	2.5	
256-QAM	1	1	17.58	17.62	17.69	19.50	5.0	

5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1727.5	1745	1762.5		
Channel				345500	349000	352500		
35	Pi/2 BPSK	1	1	22.64	22.75	22.88	24.50	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)				1725	1745	1765		
Channel				345000	349000	353000		
30	Pi/2 BPSK	1	1	22.74	22.74	22.87	24.50	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1722.5	1745	1767.5		
Channel				344500	349000	353500		
25	Pi/2 BPSK	1	1	22.73	22.75	22.81	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	22.71	22.69	22.72	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	22.69	22.78	22.80	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				343000	349000	355000		
10	Pi/2 BPSK	1	1	22.72	22.76	22.85	24.50	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	22.74	22.72	22.73	24.50	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				678	680.5	683		
Channel				135600	136100	136600		
30	Pi/2 BPSK	1	1	23.68	23.64	23.62	24.50	0.0
		1	80	23.61	23.49	23.52	24.50	0.0
		1	158	23.54	23.50	23.55	24.50	0.0
		80	0	23.12	23.09	23.04	24.00	0.5
		80	40	23.53	23.50	23.49	24.50	0.0
		80	80	23.10	23.04	23.05	24.00	0.5
		160	0	23.19	23.15	23.09	24.00	0.5
	QPSK	1	1	23.56	23.55	23.48	24.50	0.0
		1	80	23.53	23.52	23.48	24.50	0.0
		1	158	23.62	23.51	23.45	24.50	0.0
		80	0	22.63	22.54	22.44	23.50	1.0
		80	40	23.59	23.53	23.50	24.50	0.0
		80	80	22.56	22.50	22.51	23.50	1.0
		160	0	22.52	22.47	22.46	23.50	1.0
16-QAM	1	1	22.56	22.51	22.51	23.50	1.0	
64QAM	1	1	20.99	21.01	21.05	22.00	2.5	
256-QAM	1	1	19.11	19.03	19.02	19.50	5.0	

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)				675.5	680.5	685.5		
Channel				135100	136100	137100		
25	Pi/2 BPSK	1	1	23.49	23.52	23.46	24.50	0.0

5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	23.64	23.46	23.49	24.50	0.0

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5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	23.54	23.51	23.45	24.50	0.0
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133600	136100	138600		
10	Pi/2 BPSK	1	1	23.57	23.44	23.47	24.50	0.0
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	23.50	23.49	23.53	24.50	0.0

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ANT3\_DSI1

5G NR n5_15kHz								
Channel	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	22.81	22.76	22.89	23.00	0.0
		1	53	22.68	22.65	22.67	23.00	0.0
		1	104	22.77	22.56	22.68	23.00	0.0
		50	0	22.34	22.15	22.36	22.50	0.5
		50	28	22.66	22.61	22.71	23.00	0.0
		50	56	22.25	22.19	22.39	22.50	0.5
		100	0	22.37	22.23	22.36	22.50	0.5
	QPSK	1	1	22.71	22.66	22.77	23.00	0.0
		1	53	22.75	22.63	22.74	23.00	0.0
		1	104	22.71	22.61	22.77	23.00	0.0
		50	0	21.65	21.66	21.78	22.00	1.0
		50	28	22.72	22.60	22.77	23.00	0.0
		50	56	21.70	21.61	21.74	22.00	1.0
	100	0	21.65	21.57	21.73	22.00	1.0	
	16-QAM	1	1	21.68	21.60	21.78	22.00	1.0
64QAM	1	1	20.20	20.18	20.34	20.50	2.5	
256-QAM	1	1	17.28	17.08	17.22	18.00	5.0	

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				831.5	836.5	841.5		
Channel				166300	167300	168300		
15	Pi/2 BPSK	1	1	22.75	22.68	22.82	23.00	0.0

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				166300	167300	168800		
10	Pi/2 BPSK	1	1	22.75	22.71	22.84	23.00	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	22.75	22.67	22.81	23.00	0.0

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5G NR n5_15kHz								
Channel	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	18.84	18.84	18.98	19.00	0.0
		1	53	18.78	18.81	18.78	19.00	0.0
		1	104	18.81	18.84	18.80	19.00	0.0
		50	0	18.26	18.40	18.28	18.50	0.5
		50	28	18.89	18.88	18.95	19.00	0.0
		50	56	18.35	18.27	18.40	18.50	0.5
		100	0	18.23	18.30	18.36	18.50	0.5
	QPSK	1	1	18.78	18.71	18.79	19.00	0.0
		1	53	18.80	18.90	18.76	19.00	0.0
		1	104	18.81	18.74	18.77	19.00	0.0
		50	0	17.77	17.84	17.83	18.00	1.0
		50	28	18.88	18.75	18.80	19.00	0.0
		50	56	17.74	17.74	17.71	18.00	1.0
		100	0	17.76	17.87	17.74	18.00	1.0
	16-QAM	1	1	17.83	17.81	17.89	18.00	1.0
	64QAM	1	1	16.31	16.21	16.27	16.50	2.5
	256-QAM	1	1	13.73	13.78	13.82	14.00	5.0

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				831.5	836.5	841.5		
Channel				166300	167300	168300		
15	Pi/2 BPSK	1	1	18.84	18.87	18.86	19.00	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				166300	167300	168800		
10	Pi/2 BPSK	1	1	18.89	18.81	18.90	19.00	0.0

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5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	18.79	18.90	18.79	19.00	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				372000	376000	380000		
20	Pi/2 BPSK	1	1	23.37	23.54	23.53	24.50	0.0
		1	53	23.23	23.42	23.37	24.50	0.0
		1	104	23.19	23.38	23.32	24.50	0.0
		50	0	22.89	23.03	22.97	24.00	0.5
		50	28	23.29	23.44	23.43	24.50	0.0
		50	56	22.80	22.98	23.01	24.00	0.5
		100	0	22.88	23.02	23.03	24.00	0.5
	QPSK	1	1	23.28	23.39	23.40	24.50	0.0
		1	53	23.27	23.46	23.39	24.50	0.0
		1	104	23.29	23.42	23.40	24.50	0.0
		50	0	22.29	22.46	22.41	23.50	1.0
		50	28	23.20	23.44	23.43	24.50	0.0
		50	56	22.25	22.40	22.42	23.50	1.0
	100	0	22.21	22.37	22.37	23.50	1.0	
	16-QAM	1	1	22.25	22.41	22.42	23.50	1.0
64QAM	1	1	20.76	20.97	20.86	22.00	2.5	
256-QAM	1	1	18.68	18.87	18.99	19.50	5.0	

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	23.21	23.41	23.40	24.50	0.0

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				371000	376000	381000		
10	Pi/2 BPSK	1	1	23.28	23.38	23.42	24.50	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	23.22	23.34	23.50	24.50	0.0

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5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2520	2535	2550		
Channel				504000	507000	510000		
40	Pi/2 BPSK	1	1	24.25	24.12	24.16	24.50	0.0
		1	108	24.12	24.04	24.12	24.50	0.0
		1	214	24.15	23.99	24.08	24.50	0.0
		108	0	23.76	23.59	23.61	24.00	0.5
		108	54	24.15	23.91	23.99	24.50	0.0
		108	108	23.72	23.57	23.65	24.00	0.5
		216	0	23.71	23.63	23.63	24.00	0.5
	QPSK	1	1	24.08	24.02	24.02	24.50	0.0
		1	108	24.16	24.00	24.05	24.50	0.0
		1	214	24.12	24.03	24.04	24.50	0.0
		108	0	23.16	22.95	23.09	23.50	1.0
		108	54	24.17	24.03	24.07	24.50	0.0
		108	108	23.13	22.98	23.05	23.50	1.0
		216	0	23.09	22.95	23.00	23.50	1.0
	16-QAM	1	1	23.13	22.99	23.05	23.50	1.0
	64QAM	1	1	21.71	21.57	21.53	22.00	2.5
	256-QAM	1	1	19.46	19.44	19.50	19.50	5.0

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2515	2535	2555		
Channel				503000	507000	511000		
30	Pi/2 BPSK	1	1	24.11	23.99	24.10	24.50	0.0

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2512.5	2535	2557.5		
Channel				502500	507000	511500		
25	Pi/2 BPSK	1	1	24.08	24.00	24.09	24.50	0.0

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5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	24.09	24.00	23.99	24.50	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	24.18	23.98	24.04	24.50	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	24.18	23.98	24.04	24.50	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				501000	507000	513000		
10	Pi/2 BPSK	1	1	24.11	23.94	24.06	24.50	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	24.07	24.01	24.04	24.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	23.66	23.53	23.74	24.50	0.0
		1	108	23.46	23.35	23.68	24.50	0.0
		1	214	23.51	23.45	23.63	24.50	0.0
		108	0	23.15	23.06	23.20	24.00	0.5
		108	54	23.49	23.39	23.56	24.50	0.0
		108	108	23.18	22.99	23.18	24.00	0.5
		216	0	23.20	22.97	23.24	24.00	0.5
	QPSK	1	1	23.60	23.34	23.62	24.50	0.0
		1	108	23.55	23.42	23.69	24.50	0.0
		1	214	23.59	23.40	23.71	24.50	0.0
		108	0	22.58	22.41	22.65	23.50	1.0
		108	54	23.58	23.43	23.68	24.50	0.0
		108	108	22.54	22.39	22.63	23.50	1.0
		216	0	22.50	22.36	22.58	23.50	1.0
16-QAM	1	1	22.54	22.40	22.63	23.50	1.0	
64QAM	1	1	21.05	20.95	21.15	22.00	2.5	
256-QAM	1	1	19.06	18.94	19.10	19.50	5.0	

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1867.5	1882.5	1892.5		
Channel				373500	376500	378500		
35	Pi/2 BPSK	1	1	23.59	23.42	23.66	24.50	0.0

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	23.52	23.38	23.63	24.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	23.51	23.39	23.65	24.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	23.55	23.43	23.58	24.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	23.60	23.39	23.61	24.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	23.61	23.41	23.68	24.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	23.58	23.48	23.58	24.50	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1730	1745	1760		
Channel				346000	349000	352000		
40	Pi/2 BPSK	1	1	23.38	23.26	23.35	24.50	0.0
		1	108	23.20	23.13	23.25	24.50	0.0
		1	214	23.35	23.16	23.24	24.50	0.0
		108	0	22.87	22.78	22.80	24.00	0.5
		108	54	23.19	23.12	23.18	24.50	0.0
		108	108	22.92	22.81	22.83	24.00	0.5
		216	0	22.82	22.72	22.82	24.00	0.5
	QPSK	1	1	23.24	23.19	23.28	24.50	0.0
		1	108	23.22	23.15	23.23	24.50	0.0
		1	214	23.20	23.16	23.21	24.50	0.0
		108	0	22.20	22.10	22.25	23.50	1.0
		108	54	23.27	23.14	23.22	24.50	0.0
		108	108	22.26	22.12	22.24	23.50	1.0
		216	0	22.22	22.09	22.19	23.50	1.0
16-QAM	1	1	22.26	22.13	22.24	23.50	1.0	
64QAM	1	1	20.69	20.62	20.71	22.00	2.5	
256-QAM	1	1	18.79	18.68	18.77	19.50	5.0	

5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1727.5	1745	1762.5		
Channel				345500	349000	352500		
35	Pi/2 BPSK	1	1	23.20	23.15	23.31	24.50	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)				1725	1745	1765		
Channel				345000	349000	353000		
30	Pi/2 BPSK	1	1	23.23	23.10	23.19	24.50	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1722.5	1745	1767.5		
Channel				344500	349000	353500		
25	Pi/2 BPSK	1	1	23.30	23.18	23.17	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	23.21	23.09	23.23	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	23.35	23.09	23.22	24.50	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	23.23	23.21	23.28	24.50	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	23.19	23.14	23.26	24.50	0.0

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5G NR n2_15kHz									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	
Frequency (MHz)				1860	1880	1900			
Channel				372000	376000	380000			
20	Pi/2 BPSK	1	1	23.30	23.49	23.48	23.50	0.0	
		1	53	23.19	23.39	23.36	23.50	0.0	
		1	104	23.19	23.33	23.31	23.50	0.0	
		50	0	22.88	22.95	22.92	23.00	0.5	
		50	28	23.26	23.39	23.34	23.50	0.0	
		50	56	22.80	22.91	22.93	23.00	0.5	
		100	0	22.79	22.85	22.96	23.00	0.5	
	QPSK	1	1	23.23	23.39	23.34	23.50	0.0	
		1	53	23.25	23.41	23.34	23.50	0.0	
		1	104	23.23	23.41	23.39	23.50	0.0	
		50	0	22.28	22.38	22.39	22.50	1.0	
		50	28	23.13	23.38	23.43	23.50	0.0	
		50	56	22.25	22.33	22.41	22.50	1.0	
	16-QAM	100	0	22.15	22.36	22.36	22.50	1.0	
		16-QAM	1	1	22.20	22.40	22.34	22.50	1.0
		64QAM	1	1	20.71	20.97	20.78	21.00	2.5
256-QAM	1	1	18.22	18.35	18.27	18.50	5.0		

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	23.21	23.41	23.40	23.50	0.0

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				371000	376000	381000		
10	Pi/2 BPSK	1	1	23.28	23.38	23.42	23.50	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	23.22	23.34	23.22	23.50	0.0

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5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2520	2535	2550		
Channel				504000	507000	510000		
40	Pi/2 BPSK	1	1	23.95	23.82	23.86	24.00	0.0
		1	108	23.82	23.74	23.82	24.00	0.0
		1	214	23.85	23.69	23.78	24.00	0.0
		108	0	23.46	23.29	23.31	23.50	0.5
		108	54	23.85	23.61	23.69	24.00	0.0
		108	108	23.42	23.27	23.35	23.50	0.5
		216	0	23.41	23.33	23.33	23.50	0.5
	QPSK	1	1	23.78	23.72	23.72	24.00	0.0
		1	108	23.86	23.70	23.75	24.00	0.0
		1	214	23.82	23.73	23.74	24.00	0.0
		108	0	22.86	22.65	22.79	23.00	1.0
		108	54	23.87	23.73	23.77	24.00	0.0
		108	108	22.83	22.68	22.75	23.00	1.0
		216	0	22.79	22.65	22.70	23.00	1.0
16-QAM	1	1	22.83	22.69	22.75	23.00	1.0	
64QAM	1	1	21.41	21.27	21.23	21.50	2.5	
256-QAM	1	1	18.86	18.76	18.88	19.00	5.0	

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2515	2535	2555		
Channel				503000	507000	511000		
30	Pi/2 BPSK	1	1	23.81	23.73	23.82	24.00	0.0

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2512.5	2535	2557.5		
Channel				502500	507000	511500		
25	Pi/2 BPSK	1	1	23.79	23.73	23.78	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	23.80	23.74	23.80	24.00	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	23.82	23.74	23.81	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	23.79	23.74	23.81	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	23.82	23.74	23.81	24.00	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	23.46	23.47	23.45	23.50	0.0
		1	108	23.42	23.16	23.32	23.50	0.0
		1	214	23.20	23.27	23.26	23.50	0.0
		108	0	22.86	22.89	22.89	23.00	0.5
		108	54	23.43	23.20	23.44	23.50	0.0
		108	108	22.80	22.95	22.91	23.00	0.5
		216	0	22.76	22.92	22.86	23.00	0.5
	QPSK	1	1	23.22	23.20	23.12	23.50	0.0
		1	108	23.11	23.29	23.25	23.50	0.0
		1	214	23.25	23.33	23.21	23.50	0.0
		108	0	22.39	22.25	22.21	22.50	1.0
		108	54	23.45	23.32	23.37	23.50	0.0
		108	108	22.43	22.23	22.41	22.50	1.0
		216	0	22.36	22.21	22.46	22.50	1.0
16-QAM	1	1	22.35	22.39	22.22	22.50	1.0	
64QAM	1	1	20.86	20.94	20.81	21.00	2.5	
256-QAM	1	1	18.37	18.33	18.42	18.50	5.0	

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1867.5	1882.5	1892.5		
Channel				373500	376500	378500		
35	Pi/2 BPSK	1	1	23.42	23.42	23.40	23.50	0.0

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	23.42	23.38	23.41	23.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	23.40	23.39	23.25	23.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	23.18	23.43	23.40	23.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	23.11	23.39	23.41	23.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	23.31	23.41	23.26	23.50	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	23.32	23.48	23.28	23.50	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				372000	376000	380000		
20	Pi/2 BPSK	1	1	19.82	19.95	19.87	20.00	0.0
		1	53	19.82	19.84	19.87	20.00	0.0
		1	104	19.89	19.85	19.90	20.00	0.0
		50	0	19.31	19.34	19.40	19.50	0.5
		50	28	19.87	19.92	19.81	20.00	0.0
		50	56	19.36	19.32	19.33	19.50	0.5
		100	0	19.33	19.40	19.33	19.50	0.5
	QPSK	1	1	19.86	19.84	19.89	20.00	0.0
		1	53	19.81	19.83	19.86	20.00	0.0
		1	104	19.88	19.88	19.81	20.00	0.0
		50	0	18.89	18.81	18.89	19.00	1.0
		50	28	19.89	19.85	19.85	20.00	0.0
		50	56	18.88	18.84	18.85	19.00	1.0
		100	0	18.83	18.85	18.89	19.00	1.0
	16-QAM	1	1	18.83	18.81	18.86	19.00	1.0
	64QAM	1	1	17.34	17.33	17.40	17.50	2.5
256-QAM	1	1	14.83	14.84	14.82	15.00	5.0	

5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				371500	376000	380500		
15	Pi/2 BPSK	1	1	19.63	19.71	19.70	20.00	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	19.63	19.71	19.69	20.00	0.0

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5G NR n2_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				370500	376000	381500		
5	Pi/2 BPSK	1	1	19.70	19.71	19.69	20.00	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)				2520	2535	2550		
Channel				504000	507000	510000		
40	Pi/2 BPSK	1	1	22.45	22.32	22.37	22.50	0.0
		1	108	22.40	22.33	22.37	22.50	0.0
		1	214	22.38	22.35	22.34	22.50	0.0
		108	0	21.89	21.86	21.89	22.00	0.5
		108	54	22.45	22.32	22.40	22.50	0.0
		108	108	21.89	21.86	21.81	22.00	0.5
		216	0	21.81	21.82	21.83	22.00	0.5
	QPSK	1	1	22.34	22.36	22.32	22.50	0.0
		1	108	22.32	22.39	22.31	22.50	0.0
		1	214	22.36	22.36	22.32	22.50	0.0
		108	0	21.36	21.39	21.31	21.50	1.0
		108	54	22.40	22.38	22.37	22.50	0.0
		108	108	21.31	21.40	21.37	21.50	1.0
		216	0	21.36	21.31	21.40	21.50	1.0
16-QAM	1	1	21.33	21.40	21.32	21.50	1.0	
64QAM	1	1	19.85	19.90	19.89	20.00	2.5	
256-QAM	1	1	17.36	17.34	17.37	17.50	5.0	

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2515	2535	2555		
Channel				503000	507000	511000		
30	Pi/2 BPSK	1	1	22.25	22.17	22.21	22.50	0.0

5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2512.5	2535	2557.5		
Channel				502500	507000	511500		
25	Pi/2 BPSK	1	1	22.30	22.19	22.24	22.50	0.0

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5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2510	2535	2560		
Channel				502000	507000	512000		
20	Pi/2 BPSK	1	1	22.21	22.19	22.18	22.50	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				501500	507000	512500		
15	Pi/2 BPSK	1	1	22.30	22.15	22.27	22.50	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				501000	507000	513000		
10	Pi/2 BPSK	1	1	22.25	22.20	22.22	22.50	0.0
5G NR n7_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				500500	507000	513500		
5	Pi/2 BPSK	1	1	22.23	22.22	22.18	22.50	0.0

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5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1870	1882.5	1895		
Channel				374000	376500	379000		
40	Pi/2 BPSK	1	1	19.89	19.87	19.87	20.00	0.0
		1	108	19.90	19.90	19.85	20.00	0.0
		1	214	19.86	19.85	19.84	20.00	0.0
		108	0	19.39	19.35	19.39	19.50	0.5
		108	54	19.83	19.87	19.86	20.00	0.0
		108	108	19.37	19.36	19.34	19.50	0.5
		216	0	19.32	19.38	19.38	19.50	0.5
	QPSK	1	1	19.81	19.89	19.82	20.00	0.0
		1	108	19.82	19.88	19.84	20.00	0.0
		1	214	19.81	19.86	19.86	20.00	0.0
		108	0	18.81	18.85	18.90	19.00	1.0
		108	54	19.90	19.86	19.89	20.00	0.0
		108	108	18.83	18.86	18.86	19.00	1.0
		216	0	18.87	18.87	18.81	19.00	1.0
16-QAM	1	1	18.89	18.85	18.82	19.00	1.0	
64QAM	1	1	17.36	17.33	17.34	17.50	2.5	
256-QAM	1	1	14.82	14.84	14.87	15.00	5.0	

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1867.5	1882.5	1892.5		
Channel				373500	376500	378500		
35	Pi/2 BPSK	1	1	19.82	19.85	19.86	20.00	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)				1865	1882.5	1900		
Channel				373000	376500	380000		
30	Pi/2 BPSK	1	1	19.86	19.76	19.71	20.00	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)				1862.5	1882.5	1902.5		
Channel				372500	376500	380500		
25	Pi/2 BPSK	1	1	19.73	19.82	19.81	20.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	19.86	19.72	19.76	20.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	19.77	19.75	19.79	20.00	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	19.78	19.78	19.76	20.00	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	19.89	19.80	19.89	20.00	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)				1730	1745	1760		
Channel				346000	349000	352000		
40	Pi/2 BPSK	1	1	21.47	21.26	21.27	21.50	0.0
		1	108	21.35	21.28	21.35	21.50	0.0
		1	214	21.27	21.35	21.29	21.50	0.0
		108	0	20.80	20.84	20.84	21.00	0.5
		108	54	21.42	21.35	21.31	21.50	0.0
		108	108	20.84	20.82	20.79	21.00	0.5
		216	0	20.85	20.84	20.77	21.00	0.5
	QPSK	1	1	21.32	21.28	21.27	21.50	0.0
		1	108	21.27	21.34	21.32	21.50	0.0
		1	214	21.32	21.30	21.26	21.50	0.0
		108	0	20.30	20.35	20.26	20.50	1.0
		108	54	21.35	21.26	21.31	21.50	0.0
		108	108	20.30	20.28	20.28	20.50	1.0
		216	0	20.27	20.32	20.26	20.50	1.0
16-QAM	1	1	20.29	20.29	20.32	20.50	1.0	
64QAM	1	1	18.84	18.85	18.77	19.00	2.5	
256-QAM	1	1	16.26	16.29	16.35	16.50	5.0	

5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1727.5	1745	1762.5		
Channel				345500	349000	352500		
35	Pi/2 BPSK	1	1	21.29	21.22	21.24	21.50	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)				1725	1745	1765		
Channel				345000	349000	353000		
30	Pi/2 BPSK	1	1	21.21	21.29	21.24	21.50	0.0

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5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1722.5	1745	1767.5		
Channel				344500	349000	353500		
25	Pi/2 BPSK	1	1	21.24	21.22	21.28	21.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	21.25	21.29	21.22	21.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	21.25	21.24	21.29	21.50	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	21.28	21.22	21.21	21.50	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	21.22	21.24	21.24	21.50	0.0

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5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2590	2595	2600		
Channel				518000	519000	520000		
40	Pi/2 BPSK	1	1	24.02	24.04	24.12	24.50	0.0
		1	53	23.84	23.86	23.92	24.50	0.0
		1	104	23.88	23.92	23.99	24.50	0.0
		50	0	23.45	23.51	23.53	24.00	0.5
		50	25	23.83	23.97	24.00	24.50	0.0
		50	50	23.50	23.54	23.65	24.00	0.5
		100	0	23.50	23.49	23.56	24.00	0.5
	QPSK	1	1	23.90	23.88	24.00	24.50	0.0
		1	53	23.91	23.92	23.99	24.50	0.0
		1	104	23.91	23.95	24.02	24.50	0.0
		50	0	22.89	22.90	22.95	23.50	1.0
		50	25	23.84	23.86	24.00	24.50	0.0
		50	50	22.90	22.90	23.01	23.50	1.0
		100	0	22.86	22.87	22.96	23.50	1.0
	16-QAM	1	1	22.90	22.91	23.01	23.50	1.0
64QAM	1	1	21.35	21.38	21.51	22.00	2.5	
256-QAM	1	1	19.41	19.47	19.42	19.50	5.0	

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)				2585	2595	2605		
Channel				517000	519000	521000		
30	Pi/2 BPSK	1	1	23.95	23.85	24.08	24.50	0.0

5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				516000	519000	522000		
20	Pi/2 BPSK	1	1	23.90	23.91	23.99	24.50	0.0

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5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				515500	519000	522500		
15	Pi/2 BPSK	1	1	23.91	23.98	23.97	24.50	0.0
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575	2595	2615		
Channel				515000	519000	523000		
10	Pi/2 BPSK	1	1	23.86	23.92	24.04	24.50	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	23.54	23.46	23.51	24.50	0.0
		1	137	23.40	23.34	23.46	24.50	0.0
		1	271	23.37	23.30	23.37	24.50	0.0
		135	0	22.95	22.92	23.06	24.00	0.5
		135	69	23.43	23.25	23.44	24.50	0.0
		135	138	23.04	22.88	22.94	24.00	0.5
		270	0	23.01	22.93	23.02	24.00	0.5
	QPSK	1	1	23.49	23.27	23.38	24.50	0.0
		1	137	23.33	23.33	23.40	24.50	0.0
		1	271	23.37	23.37	23.42	24.50	0.0
		135	0	22.40	22.34	22.41	23.50	1.0
		135	69	23.36	23.30	23.35	24.50	0.0
		135	138	22.42	22.32	22.40	23.50	1.0
		270	0	22.38	22.29	22.35	23.50	1.0
	16-QAM	1	1	22.42	22.33	22.40	23.50	1.0
	64QAM	1	1	20.87	20.86	20.85	22.00	2.5
256-QAM	1	1	18.85	18.88	18.89	19.50	5.0	

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	Pi/2 BPSK	1	1	23.39	23.35	23.42	24.50	0.0

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	23.42	23.33	23.43	24.50	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	23.43	23.33	23.41	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	23.44	23.35	23.40	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	23.33	23.33	23.37	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	23.44	23.37	23.38	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	23.42	23.34	23.39	24.50	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	23.44	23.27	23.36	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.35	23.39	23.34	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.41	23.29	23.44	24.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3786	3822	3858	3894	3930		
Channel				650000	652400	654800	657200	659600	662000		
100	Pi/2 BPSK	1	1	22.99	23.09	23.02	23.10	23.39	23.38	24.50	0.0
		1	137	22.87	23.02	22.96	22.94	23.03	23.30	24.50	0.0
		1	272	22.86	22.92	22.95	23.00	23.06	23.30	24.50	0.0
		135	0	22.52	22.57	22.46	22.60	22.65	22.86	24.00	0.5
		135	69	22.93	22.95	22.83	23.04	23.08	23.23	24.50	0.0
		135	138	22.53	22.54	22.50	22.59	22.55	22.89	24.00	0.5
	QPSK	270	0	22.51	22.62	22.49	22.58	22.67	22.84	24.00	0.5
		1	1	22.89	22.93	22.91	22.98	23.00	23.26	24.50	0.0
		1	137	22.86	22.97	22.82	22.93	23.04	23.24	24.50	0.0
		1	272	22.83	22.98	22.88	22.99	22.97	23.27	24.50	0.0
		135	0	21.92	21.92	21.93	21.90	22.00	22.26	23.50	1.0
		135	69	22.90	23.05	22.91	23.04	22.95	23.31	24.50	0.0
	16-QAM	135	138	21.87	21.95	21.91	21.98	22.01	22.28	23.50	1.0
		270	0	21.83	21.92	21.86	21.94	21.98	22.23	23.50	1.0
64QAM	1	1	21.87	21.96	21.91	21.98	22.02	22.28	23.50	1.0	
256-QAM	1	1	20.38	20.46	20.45	20.53	20.51	20.85	22.00	2.5	
1	1	18.44	18.44	18.40	18.43	18.53	18.85	19.50	5.0		

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	22.92	23.00	22.84	22.99	23.02	23.29	24.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	22.86	22.97	22.89	22.94	23.05	23.21	24.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	22.84	22.94	22.92	23.01	23.05	23.29	24.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	22.87	22.98	22.91	22.96	22.99	23.22	24.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	22.80	22.90	22.91	22.96	23.02	23.30	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	22.89	22.94	22.90	22.91	22.96	23.29	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	22.88	22.94	22.86	22.97	22.98	23.26	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	22.78	22.99	22.90	22.95	23.04	23.25	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	22.85	23.00	22.94	22.96	23.03	23.27	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	22.95	22.96	22.89	23.05	22.96	23.21	24.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01				
Channel				633334				
100	Pi/2 BPSK	1	1	22.83			24.50	0.0
		1	137	22.75			24.50	0.0
		1	272	22.77			24.50	0.0
		135	0	22.36			24.00	0.5
		135	69	22.72			24.50	0.0
		135	138	22.30			24.00	0.5
		270	0	22.32			24.00	0.5
	QPSK	1	1	22.73			24.50	0.0
		1	137	22.64			24.50	0.0
		1	272	22.73			24.50	0.0
		135	0	21.69			23.50	1.0
		135	69	22.71			24.50	0.0
		135	138	21.72			23.50	1.0
		270	0	21.67			23.50	1.0
	16-QAM	1	1	21.72			23.50	1.0
64QAM	1	1	20.18			22.00	2.5	
256-QAM	1	1	18.20			19.50	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	22.70	22.74	22.71	24.50	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	22.79	22.69	22.74	24.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	22.71	22.69	22.67	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	22.71	22.72	22.70	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	22.70	22.72	22.74	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	22.71	22.62	22.72	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	22.67	22.70	22.71	24.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	22.77	22.70	22.66	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	22.73	22.72	22.78	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	22.70	22.70	22.66	24.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		23.12		24.50	0.0
		1	137		22.97		24.50	0.0
		1	272		22.99		24.50	0.0
		135	0		22.67		24.00	0.5
		135	69		22.99		24.50	0.0
		135	138		22.55		24.00	0.5
		270	0		22.59		24.00	0.5
	QPSK	1	1		22.96		24.50	0.0
		1	137		22.96		24.50	0.0
		1	272		23.02		24.50	0.0
		135	0		21.99		23.50	1.0
		135	69		23.01		24.50	0.0
		135	138		22.01		23.50	1.0
		270	0		21.96		23.50	1.0
	16-QAM	1	1		22.01		23.50	1.0
	64QAM	1	1		20.48		22.00	2.5
256-QAM	1	1		18.52		19.50	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	23.06	22.91	23.05	24.50	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	23.02	23.00	23.01	24.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	23.03	23.04	23.07	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	23.00	22.97	23.03	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	22.95	22.91	23.08	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	23.04	22.97	23.02	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	23.04	22.98	23.03	24.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	22.93	22.98	23.01	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	22.95	22.95	23.00	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	23.02	23.04	22.92	24.50	0.0

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5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2590	2595	2600		
Channel				518000	519000	520000		
40	Pi/2 BPSK	1	1	23.35	23.37	23.50	23.50	0.0
		1	53	23.18	23.17	23.29	23.50	0.0
		1	104	23.27	23.23	23.38	23.50	0.0
		50	0	22.80	22.82	22.92	23.00	0.5
		50	25	23.18	23.36	23.36	23.50	0.0
		50	50	22.82	22.90	22.85	23.00	0.5
		100	0	22.87	22.88	22.94	23.00	0.5
	QPSK	1	1	23.21	23.22	23.31	23.50	0.0
		1	53	23.28	23.32	23.32	23.50	0.0
		1	104	23.28	23.27	23.41	23.50	0.0
		50	0	22.21	22.27	22.29	22.50	1.0
		50	25	23.16	23.18	23.32	23.50	0.0
		50	50	22.27	22.24	22.36	22.50	1.0
		100	0	22.25	22.22	22.35	22.50	1.0
	16-QAM	1	1	22.23	22.22	22.41	22.50	1.0
	64QAM	1	1	20.69	20.69	20.83	21.00	2.5
256-QAM	1	1	18.36	18.36	18.44	18.50	5.0	

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)				2585	2595	2605		
Channel				517000	519000	521000		
30	Pi/2 BPSK	1	1	23.18	23.11	23.27	23.50	0.0

5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				516000	519000	522000		
20	Pi/2 BPSK	1	1	23.09	23.16	23.22	23.50	0.0

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5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				515500	519000	522500		
15	Pi/2 BPSK	1	1	23.11	23.16	23.20	23.50	0.0
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575	2595	2615		
Channel				515000	519000	523000		
10	Pi/2 BPSK	1	1	23.14	23.16	23.20	23.50	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	22.94	22.83	22.91	23.00	0.0
		1	137	22.78	22.74	22.83	23.00	0.0
		1	271	22.73	22.67	22.75	23.00	0.0
		135	0	22.31	22.29	22.43	22.50	0.5
		135	69	22.80	22.63	22.83	23.00	0.0
		135	138	22.44	22.25	22.33	22.50	0.5
		270	0	22.41	22.33	22.41	22.50	0.5
	QPSK	1	1	22.87	22.65	22.77	23.00	0.0
		1	137	22.71	22.71	22.77	23.00	0.0
		1	271	22.75	22.74	22.78	23.00	0.0
		135	0	21.78	21.71	21.80	22.00	1.0
		135	69	22.76	22.70	22.73	23.00	0.0
		135	138	21.78	21.68	21.76	22.00	1.0
		270	0	21.77	21.65	21.74	22.00	1.0
	16-QAM	1	1	21.79	21.73	21.80	22.00	1.0
	64QAM	1	1	20.27	20.25	20.22	20.50	2.5
	256-QAM	1	1	17.86	17.81	17.92	18.00	5.0

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	Pi/2 BPSK	1	1	22.76	22.72	22.82	23.00	0.0

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	22.77	22.73	22.83	23.00	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	22.74	22.72	22.81	23.00	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	22.78	22.70	22.81	23.00	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	22.76	22.74	22.79	23.00	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	22.75	22.70	22.79	23.00	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	22.76	22.72	22.81	23.00	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	22.75	22.73	22.81	23.00	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	22.74	22.71	22.80	23.00	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	22.75	22.74	22.80	23.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3786	3822	3858	3894	3930		
Channel				650000	652400	654800	657200	659600	662000		
100	Pi/2 BPSK	1	1	20.47	20.98	20.47	20.56	20.88	20.79	21.00	0.0
		1	137	20.29	20.43	20.38	20.44	20.48	20.71	21.00	0.0
		1	272	20.34	20.41	20.40	20.42	20.50	20.77	21.00	0.0
		135	0	19.96	20.03	19.94	20.01	20.14	20.28	20.50	0.5
		135	69	20.38	20.40	20.24	20.47	20.55	20.73	21.00	0.0
		135	138	19.95	19.97	19.95	20.07	19.99	20.30	20.50	0.5
	QPSK	270	0	19.94	20.08	19.92	20.00	20.13	20.29	20.50	0.5
		1	1	20.31	20.40	20.36	20.40	20.45	20.74	21.00	0.0
		1	137	20.32	20.43	20.25	20.40	20.54	20.66	21.00	0.0
		1	272	20.30	20.45	20.32	20.44	20.47	20.68	21.00	0.0
		135	0	19.36	19.35	19.36	19.34	19.41	19.71	20.00	1.0
		135	69	20.36	20.47	20.38	20.49	20.39	20.78	21.00	0.0
	16-QAM	135	138	19.33	19.45	19.35	19.47	19.49	19.71	20.00	1.0
		270	0	19.25	19.42	19.31	19.40	19.45	19.69	20.00	1.0
1		1	19.28	19.42	19.37	19.48	19.44	19.77	20.00	1.0	
64QAM		1	1	17.85	17.91	17.91	18.01	18.00	18.30	18.50	2.5
256-QAM	1	1	15.94	15.88	15.85	15.90	15.62	15.68	16.00	5.0	

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	20.39	20.96	20.47	20.53	20.81	20.73	21.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	20.47	20.97	20.44	20.47	20.87	20.77	21.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	20.44	20.97	20.40	20.54	20.83	20.73	21.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	20.40	20.90	20.43	20.49	20.87	20.78	21.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	20.44	20.96	20.45	20.55	20.84	20.72	21.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	20.42	20.89	20.42	20.56	20.79	20.79	21.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	20.42	20.98	20.41	20.52	20.87	20.74	21.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	20.45	20.97	20.47	20.51	20.80	20.77	21.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	20.46	20.98	20.44	20.48	20.88	20.79	21.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	20.43	20.93	20.47	20.50	20.88	20.70	21.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3500.01			
Channel					633334			
100	Pi/2 BPSK	1	1		20.95		21.00	0.0
		1	137		20.70		21.00	0.0
		1	272		20.60		21.00	0.0
		135	0		20.37		20.50	0.5
		135	69		20.31		21.00	0.0
		135	138		20.41		20.50	0.5
		270	0		20.15		20.50	0.5
	QPSK	1	1		20.52		21.00	0.0
		1	137		20.40		21.00	0.0
		1	272		20.79		21.00	0.0
		135	0		19.50		20.00	1.0
		135	69		20.78		21.00	0.0
		135	138		19.35		20.00	1.0
		270	0		19.31		20.00	1.0
	16-QAM	1	1		19.42		20.00	1.0
64QAM	1	1		18.28		18.50	2.5	
256-QAM	1	1		15.86		16.00	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	20.31	20.37	20.43	21.00	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	20.32	20.36	20.49	21.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	20.34	20.41	20.50	21.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	20.33	20.40	20.42	21.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	20.40	20.37	20.45	21.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	20.38	20.40	20.48	21.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	20.33	20.38	20.43	21.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	20.35	20.33	20.47	21.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	20.39	20.33	20.42	21.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	20.31	20.40	20.47	21.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		20.98		21.00	0.0
		1	137		20.73		21.00	0.0
		1	272		20.67		21.00	0.0
		135	0		20.37		20.50	0.5
		135	69		20.35		21.00	0.0
		135	138		20.48		20.50	0.5
		270	0		20.22		20.50	0.5
	QPSK	1	1		20.54		21.00	0.0
		1	137		20.46		21.00	0.0
		1	272		20.79		21.00	0.0
		135	0		19.53		20.00	1.0
		135	69		20.84		21.00	0.0
		135	138		19.40		20.00	1.0
		270	0		19.35		20.00	1.0
	16-QAM	1	1		19.46		20.00	1.0
	64QAM	1	1		18.37		18.50	2.5
256-QAM	1	1		15.90		16.00	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	20.34	20.42	20.45	21.00	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	20.36	20.40	20.46	21.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	20.31	20.43	20.42	21.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	20.35	20.39	20.40	21.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	20.37	20.38	20.44	21.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	20.35	20.38	20.47	21.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	20.38	20.44	20.39	21.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	20.34	20.42	20.43	21.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	20.32	20.40	20.48	21.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	20.35	20.36	20.48	21.00	0.0

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5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2590	2595	2600		
Channel				518000	519000	520000		
40	Pi/2 BPSK	1	1	21.81	21.84	21.95	22.00	0.0
		1	53	21.82	21.75	21.74	22.00	0.0
		1	104	21.89	21.89	21.82	22.00	0.0
		50	0	21.39	21.34	21.31	21.50	0.5
		50	25	21.88	21.78	21.92	22.00	0.0
		50	50	21.37	21.26	21.22	21.50	0.5
		100	0	21.34	21.27	21.35	21.50	0.5
	QPSK	1	1	21.85	21.90	21.73	22.00	0.0
		1	53	21.77	21.78	21.75	22.00	0.0
		1	104	21.77	21.75	21.89	22.00	0.0
		50	0	20.86	20.80	20.87	21.00	1.0
		50	25	21.76	21.87	21.80	22.00	0.0
		50	50	20.78	20.81	20.89	21.00	1.0
		100	0	20.76	20.76	20.75	21.00	1.0
	16-QAM	1	1	20.87	20.88	20.88	21.00	1.0
	64QAM	1	1	19.25	19.22	19.24	19.50	2.5
	256-QAM	1	1	16.76	16.74	16.83	17.00	5.0
	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)				2585	2595	2605		
Channel				517000	519000	521000		
30	Pi/2 BPSK	1	1	21.89	21.81	21.89	22.00	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)				2580	2595	2610		
Channel				516000	519000	522000		
20	Pi/2 BPSK	1	1	21.73	21.79	21.74	22.00	0.0

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5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				515500	519000	522500		
15	Pi/2 BPSK	1	1	21.82	21.72	21.82	22.00	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	2595	2615		
Channel				515000	519000	523000		
10	Pi/2 BPSK	1	1	21.72	21.75	21.89	22.00	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	21.44	21.33	21.41	21.50	0.0
		1	137	21.28	21.24	21.33	21.50	0.0
		1	271	21.23	21.17	21.25	21.50	0.0
		135	0	20.81	20.79	20.93	21.00	0.5
		135	69	21.30	21.13	21.33	21.50	0.0
		135	138	20.94	20.75	20.83	21.00	0.5
		270	0	20.91	20.83	20.91	21.00	0.5
	QPSK	1	1	21.37	21.15	21.27	21.50	0.0
		1	137	21.21	21.21	21.27	21.50	0.0
		1	271	21.25	21.24	21.28	21.50	0.0
		135	0	20.28	20.21	20.30	20.50	1.0
		135	69	21.26	21.20	21.23	21.50	0.0
		135	138	20.28	20.18	20.26	20.50	1.0
		270	0	20.27	20.15	20.24	20.50	1.0
	16-QAM	1	1	20.29	20.23	20.30	20.50	1.0
	64QAM	1	1	18.77	18.75	18.72	19.00	2.5
256-QAM	1	1	16.36	16.31	16.42	16.50	5.0	

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	Pi/2 BPSK	1	1	21.24	21.13	21.08	21.50	0.0

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	21.12	21.09	21.26	21.50	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	21.13	21.08	21.29	21.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	21.17	21.19	21.18	21.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	20.99	20.99	21.20	21.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	21.13	21.20	21.15	21.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	21.07	20.98	21.23	21.50	0.0

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5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	21.13	21.03	21.11	21.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	21.01	21.20	21.27	21.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	21.18	21.16	21.16	21.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3786	3822	3858	3894	3930		
Channel				650000	652400	654800	657200	659600	662000		
100	Pi/2 BPSK	1	1	16.79	16.99	16.83	16.82	16.77	16.76	17.00	0.0
		1	137	16.84	16.77	16.94	16.73	16.86	16.78	17.00	0.0
		1	272	16.81	16.87	16.81	16.89	16.29	16.82	17.00	0.0
		135	0	16.29	16.39	16.28	16.21	16.30	16.22	16.50	0.5
		135	69	16.88	16.87	16.83	16.77	16.73	16.77	17.00	0.0
		135	138	16.24	16.32	16.38	16.23	16.38	16.21	16.50	0.5
	QPSK	270	0	16.29	16.25	16.40	16.38	16.21	16.26	16.50	0.5
		1	1	16.80	16.72	16.88	16.89	16.76	16.75	17.00	0.0
		1	137	16.82	16.90	16.19	16.88	16.19	16.84	17.00	0.0
		1	272	16.80	16.87	16.72	16.85	16.88	16.82	17.00	0.0
		135	0	15.88	15.71	15.83	15.78	15.86	15.81	16.00	1.0
		135	69	16.29	16.90	16.81	16.79	16.82	16.71	17.00	0.0
	16-QAM	135	138	15.74	15.86	15.77	15.72	15.73	15.82	16.00	1.0
		270	0	15.88	15.72	15.79	15.71	15.90	15.78	16.00	1.0
64QAM	1	1	15.74	15.90	15.74	15.86	15.74	15.71	16.00	1.0	
256-QAM	1	1	14.39	14.28	14.26	14.27	14.23	14.36	14.50	2.5	
256-QAM	1	1	11.76	11.72	11.90	11.87	11.90	11.83	12.00	5.0	

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	16.71	16.76	16.89	16.78	16.75	16.71	17.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	16.86	16.90	16.79	16.81	16.87	16.79	17.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	16.82	16.90	16.88	16.79	16.80	16.85	17.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	16.83	16.79	16.87	16.74	16.80	16.82	17.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	16.72	16.72	16.84	16.73	16.84	16.85	17.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	16.82	16.72	16.73	16.86	16.80	16.89	17.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	16.71	16.84	16.78	16.71	16.83	16.82	17.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	16.87	16.76	16.78	16.90	16.80	16.80	17.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	16.78	16.80	16.86	16.83	16.88	16.83	17.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	16.89	16.90	16.78	16.76	16.72	16.74	17.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01				
Channel				633334				
100	Pi/2 BPSK	1	1	16.98			17.00	0.0
		1	137	16.82			17.00	0.0
		1	272	16.81			17.00	0.0
		135	0	16.38			16.50	0.5
		135	69	16.96			17.00	0.0
		135	138	16.39			16.50	0.5
		270	0	16.31			16.50	0.5
	QPSK	1	1	16.90			17.00	0.0
		1	137	16.93			17.00	0.0
		1	272	16.88			17.00	0.0
		135	0	15.96			16.00	1.0
		135	69	16.87			17.00	0.0
		135	138	15.92			16.00	1.0
		270	0	15.90			16.00	1.0
	16-QAM	1	1	15.85			16.00	1.0
64QAM	1	1	14.42			14.50	2.5	
256-QAM	1	1	11.92			12.00	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	16.77	16.82	16.81	17.00	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	16.82	16.78	16.85	17.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	16.82	16.74	16.83	17.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	16.74	16.89	16.71	17.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	16.90	16.84	16.80	17.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	16.90	16.90	16.88	17.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	16.86	16.90	16.75	17.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	16.87	16.89	16.84	17.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	16.75	16.87	16.90	17.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	16.86	16.71	16.80	17.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		16.94		17.00	0.0
		1	137		16.81		17.00	0.0
		1	272		16.81		17.00	0.0
		135	0		16.36		16.50	0.5
		135	69		16.72		17.00	0.0
		135	138		16.37		16.50	0.5
		270	0		16.26		16.50	0.5
	QPSK	1	1		16.78		17.00	0.0
		1	137		16.72		17.00	0.0
		1	272		16.73		17.00	0.0
		135	0		15.75		16.00	1.0
		135	69		16.76		17.00	0.0
		135	138		15.81		16.00	1.0
		270	0		15.75		16.00	1.0
	16-QAM	1	1		15.76		16.00	1.0
	64QAM	1	1		14.29		14.50	2.5
256-QAM	1	1		11.75		12.00	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	16.74	16.86	16.71	17.00	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	16.88	16.86	16.88	17.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	16.76	16.71	16.77	17.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	16.78	16.80	16.74	17.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	16.77	16.72	16.73	17.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	16.83	16.89	16.86	17.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	16.81	16.87	16.89	17.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	16.90	16.80	16.83	17.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	16.89	16.73	16.75	17.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	16.90	16.71	16.77	17.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3786	3822	3858	3894	3930		
Channel				650000	652400	654800	657200	659600	662000		
100	Pi/2 BPSK	1	1	22.77	23.12	23.09	22.74	22.68	22.99	23.50	0.0
		1	137	22.65	23.01	22.97	22.62	22.60	22.85	23.50	0.0
		1	272	22.65	22.98	22.96	22.58	22.55	22.84	23.50	0.0
		135	0	22.24	22.57	22.63	22.26	22.24	22.47	23.00	0.5
		135	69	22.71	23.03	23.01	22.62	22.62	22.82	23.50	0.0
		135	138	22.27	22.64	22.56	22.22	22.14	22.47	23.00	0.5
	QPSK	270	0	22.24	22.59	22.53	22.17	22.11	22.45	23.00	0.5
		1	1	22.63	22.94	22.94	22.64	22.61	22.87	23.50	0.0
		1	137	22.63	23.01	22.98	22.57	22.55	22.95	23.50	0.0
		1	272	22.70	23.07	23.03	22.57	22.50	22.88	23.50	0.0
		135	0	21.68	21.98	22.06	21.60	21.56	21.92	22.50	1.0
		135	69	22.67	22.97	22.98	22.60	22.58	22.87	23.50	0.0
	16-QAM	135	138	21.65	21.98	21.98	21.62	21.54	21.88	22.50	1.0
		270	0	21.61	21.95	21.93	21.58	21.51	21.83	22.50	1.0
		1	1	21.65	21.99	21.98	21.62	21.55	21.88	22.50	1.0
64QAM	1	1	20.13	20.56	20.40	20.13	20.09	20.38	21.00	2.5	
256-QAM	1	1	18.16	18.46	18.43	18.16	18.11	18.43	18.50	5.0	

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	22.58	22.97	22.96	22.58	22.52	22.94	23.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	22.58	22.94	22.97	22.62	22.59	22.82	23.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	22.65	23.00	22.93	22.66	22.58	22.86	23.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	22.69	22.96	22.96	22.63	22.50	22.81	23.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	22.63	22.99	22.96	22.60	22.50	22.88	23.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	22.65	22.96	22.98	22.64	22.57	22.88	23.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	22.57	23.03	22.93	22.55	22.59	22.82	23.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	22.67	23.00	22.97	22.57	22.51	22.88	23.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	22.64	23.07	22.99	22.67	22.50	22.86	23.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	22.65	23.04	22.97	22.61	22.51	22.85	23.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01				
Channel				633334				
100	Pi/2 BPSK	1	1	22.81			23.50	0.0
		1	137	22.61			23.50	0.0
		1	272	22.66			23.50	0.0
		135	0	22.23			23.00	0.5
		135	69	22.61			23.50	0.0
		135	138	22.26			23.00	0.5
		270	0	22.24			23.00	0.5
	QPSK	1	1	22.70			23.50	0.0
		1	137	22.70			23.50	0.0
		1	272	22.70			23.50	0.0
		135	0	21.71			22.50	1.0
		135	69	22.66			23.50	0.0
		135	138	21.70			22.50	1.0
		270	0	21.65			22.50	1.0
	16-QAM	1	1	21.70			22.50	1.0
64QAM	1	1	20.18			21.00	2.5	
256-QAM	1	1	18.22			18.50	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	22.74	22.66	22.72	23.50	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	22.67	22.69	22.74	23.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	22.74	22.62	22.69	23.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	22.68	22.69	22.68	23.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	22.73	22.70	22.73	23.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	22.71	22.68	22.67	23.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	22.75	22.69	22.69	23.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	22.74	22.69	22.74	23.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	22.70	22.63	22.74	23.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	22.72	22.70	22.69	23.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		22.78		23.50	0.0
		1	137		22.63		23.50	0.0
		1	272		22.64		23.50	0.0
		135	0		22.28		23.00	0.5
		135	69		22.64		23.50	0.0
		135	138		22.32		23.00	0.5
		270	0		22.24		23.00	0.5
	QPSK	1	1		22.75		23.50	0.0
		1	137		22.67		23.50	0.0
		1	272		22.65		23.50	0.0
		135	0		21.67		22.50	1.0
		135	69		22.70		23.50	0.0
		135	138		21.67		22.50	1.0
		270	0		21.62		22.50	1.0
	16-QAM	1	1		21.67		22.50	1.0
	64QAM	1	1		20.16		21.00	2.5
256-QAM	1	1		18.21		18.50	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	22.61	22.66	22.63	23.50	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	22.73	22.70	22.65	23.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	22.62	22.57	22.59	23.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	22.61	22.66	22.68	23.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	22.63	22.59	22.66	23.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	22.64	22.64	22.62	23.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	22.67	22.61	22.66	23.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	22.64	22.61	22.63	23.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	22.65	22.73	22.59	23.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	22.71	22.61	22.72	23.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3786	3822	3858	3894	3930		
Channel				650000	652400	654800	657200	659600	662000		
100	Pi/2 BPSK	1	1	22.77	23.12	23.09	22.74	22.68	22.99	24.50	0.0
		1	137	22.65	23.01	22.97	22.62	22.60	22.85	24.50	0.0
		1	272	22.65	22.98	22.96	22.58	22.55	22.84	24.50	0.0
		135	0	22.24	22.57	22.63	22.26	22.24	22.47	24.00	0.5
		135	69	22.71	23.03	23.01	22.62	22.62	22.82	24.50	0.0
		135	138	22.27	22.64	22.56	22.22	22.14	22.47	24.00	0.5
	QPSK	270	0	22.24	22.59	22.53	22.17	22.11	22.45	24.00	0.5
		1	1	22.63	22.94	22.94	22.64	22.61	22.87	24.50	0.0
		1	137	22.63	23.01	22.98	22.57	22.55	22.95	24.50	0.0
		1	272	22.70	23.07	23.03	22.57	22.50	22.88	24.50	0.0
		135	0	21.68	21.98	22.06	21.60	21.56	21.92	23.50	1.0
		135	69	22.67	22.97	22.98	22.60	22.58	22.87	24.50	0.0
		135	138	21.65	21.98	21.98	21.62	21.54	21.88	23.50	1.0
		270	0	21.61	21.95	21.93	21.58	21.51	21.83	23.50	1.0
16-QAM	1	1	21.65	21.99	21.98	21.62	21.55	21.88	23.50	1.0	
64QAM	1	1	20.13	20.56	20.40	20.13	20.09	20.38	22.00	2.5	
256-QAM	1	1	18.16	18.46	18.43	18.16	18.11	18.43	19.50	5.0	

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	22.58	22.97	22.96	22.58	22.52	22.94	24.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	22.58	22.94	22.97	22.62	22.59	22.82	24.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	22.65	23.00	22.93	22.66	22.58	22.86	24.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	22.69	22.96	22.96	22.63	22.50	22.81	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	22.63	22.99	22.96	22.60	22.50	22.88	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	22.65	22.96	22.98	22.64	22.57	22.88	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	22.57	23.03	22.93	22.55	22.59	22.82	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	22.67	23.00	22.97	22.57	22.51	22.88	24.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	22.64	23.07	22.99	22.67	22.50	22.86	24.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	22.65	23.04	22.97	22.61	22.51	22.85	24.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01				
Channel				633334				
100	Pi/2 BPSK	1	1	22.81			24.50	0.0
		1	137	22.61			24.50	0.0
		1	272	22.66			24.50	0.0
		135	0	22.23			24.00	0.5
		135	69	22.61			24.50	0.0
		135	138	22.26			24.00	0.5
		270	0	22.24			24.00	0.5
	QPSK	1	1	22.70			24.50	0.0
		1	137	22.70			24.50	0.0
		1	272	22.70			24.50	0.0
		135	0	21.71			23.50	1.0
		135	69	22.66			24.50	0.0
		135	138	21.70			23.50	1.0
		270	0	21.65			23.50	1.0
	16-QAM	1	1	21.70			23.50	1.0
64QAM	1	1	20.18			22.00	2.5	
256-QAM	1	1	18.22			19.50	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	22.74	22.66	22.72	24.50	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	22.67	22.69	22.74	24.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	22.74	22.62	22.69	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	22.68	22.69	22.68	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	22.73	22.70	22.73	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	22.71	22.68	22.67	24.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	22.75	22.69	22.69	24.50	0.0

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5G NR n77 & n78_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		
Frequency (MHz)				3460.005	3500.01	3540				
Channel				630667	633334	636000				
20	Pi/2 BPSK	1	1	22.74	22.69	22.74	24.50	0.0		
5G NR n77 & n78_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		
Frequency (MHz)				3457.5	3500.01	3542.49				
Channel				630500	633334	636166				
15	Pi/2 BPSK	1	1	22.70	22.63	22.74	24.50	0.0		
5G NR n77 & n78_30kHz_FCC										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		
Frequency (MHz)				3455.01	3500.01	3544.995				
Channel				630334	633334	636333				
10	Pi/2 BPSK	1	1	22.72	22.70	22.69	24.50	0.0		

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		22.78		24.50	0.0
		1	137		22.63		24.50	0.0
		1	272		22.64		24.50	0.0
		135	0		22.28		24.00	0.5
		135	69		22.64		24.50	0.0
		135	138		22.32		24.00	0.5
		270	0		22.24		24.00	0.5
	QPSK	1	1		22.75		24.50	0.0
		1	137		22.67		24.50	0.0
		1	272		22.65		24.50	0.0
		135	0		21.67		23.50	1.0
		135	69		22.70		24.50	0.0
		135	138		21.67		23.50	1.0
		270	0		21.62		23.50	1.0
	16-QAM	1	1		21.67		23.50	1.0
64QAM	1	1		20.16		22.00	2.5	
256-QAM	1	1		18.21		19.50	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	22.61	22.66	22.63	24.50	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	22.73	22.70	22.65	24.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	22.62	22.57	22.59	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	22.61	22.66	22.68	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	22.63	22.59	22.66	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	22.64	22.64	22.62	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	22.67	22.61	22.66	24.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	22.64	22.61	22.63	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	22.65	22.73	22.59	24.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	22.71	22.61	22.72	24.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3786	3822	3858	3894	3930		
Channel				650000	652400	654800	657200	659600	662000		
100	Pi/2 BPSK	1	1	17.47	17.97	17.86	17.50	17.38	17.74	18.00	0.0
		1	137	17.39	17.78	17.67	17.34	17.31	17.56	18.00	0.0
		1	272	17.38	17.71	17.66	17.34	17.31	17.55	18.00	0.0
		135	0	16.94	17.34	17.39	17.02	16.99	17.25	17.50	0.5
		135	69	17.42	17.73	17.72	17.37	17.32	17.60	18.00	0.0
		135	138	16.98	17.36	17.34	16.98	16.92	17.22	17.50	0.5
	QPSK	270	0	16.97	17.36	17.27	16.89	16.85	17.23	17.50	0.5
		1	1	17.36	17.70	17.69	17.41	17.40	17.65	18.00	0.0
		1	137	17.37	17.71	17.68	17.27	17.34	17.66	18.00	0.0
		1	272	17.41	17.81	17.75	17.32	17.25	17.58	18.00	0.0
		135	0	16.41	16.74	16.85	16.32	16.35	16.70	17.00	1.0
		135	69	17.42	17.70	17.74	17.30	17.28	17.61	18.00	0.0
		135	138	16.42	16.71	16.72	16.38	16.25	16.61	17.00	1.0
		270	0	16.31	16.67	16.71	16.30	16.30	16.62	17.00	1.0
16-QAM	1	1	16.35	16.73	16.77	16.33	16.25	16.64	17.00	1.0	
64QAM	1	1	14.83	15.32	15.15	14.83	14.87	15.17	15.50	2.5	
256-QAM	1	1	12.87	12.51	12.64	12.89	12.82	12.64	13.00	5.0	

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	17.47	17.75	17.69	17.34	17.32	17.60	18.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	17.45	17.79	17.73	17.40	17.39	17.60	18.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	17.45	17.75	17.72	17.34	17.37	17.62	18.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	17.42	17.78	17.71	17.40	17.36	17.60	18.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	17.46	17.75	17.72	17.37	17.35	17.56	18.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	17.41	17.80	17.70	17.35	17.40	17.58	18.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	17.46	17.76	17.69	17.38	17.33	17.58	18.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	17.44	17.71	17.75	17.38	17.39	17.55	18.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	17.42	17.72	17.68	17.36	17.35	17.63	18.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	17.40	17.75	17.69	17.41	17.33	17.62	18.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01				
Channel				633334				
100	Pi/2 BPSK	1	1	17.97			18.00	0.0
		1	137	17.74			18.00	0.0
		1	272	17.69			18.00	0.0
		135	0	17.31			17.50	0.5
		135	69	17.72			18.00	0.0
		135	138	17.34			17.50	0.5
		270	0	17.33			17.50	0.5
	QPSK	1	1	17.67			18.00	0.0
		1	137	17.69			18.00	0.0
		1	272	17.78			18.00	0.0
		135	0	16.72			17.00	1.0
		135	69	17.68			18.00	0.0
		135	138	16.67			17.00	1.0
		270	0	16.63			17.00	1.0
	16-QAM	1	1	16.71			17.00	1.0
64QAM	1	1	15.32			15.50	2.5	
256-QAM	1	1	12.48			13.00	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	17.56	17.86	17.59	18.00	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	17.68	17.86	17.53	18.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	17.85	17.81	17.42	18.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	17.53	17.86	17.32	18.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	17.43	17.78	17.42	18.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	17.45	17.53	17.81	18.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	17.43	17.62	17.37	18.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	17.43	17.82	17.49	18.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	17.56	17.59	17.77	18.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	17.72	17.86	17.43	18.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		17.95		18.00	0.0
		1	137		17.72		18.00	0.0
		1	272		17.67		18.00	0.0
		135	0		17.27		17.50	0.5
		135	69		17.68		18.00	0.0
		135	138		17.34		17.50	0.5
		270	0		17.33		17.50	0.5
	QPSK	1	1		17.67		18.00	0.0
		1	137		17.65		18.00	0.0
		1	272		17.74		18.00	0.0
		135	0		16.72		17.00	1.0
		135	69		17.65		18.00	0.0
		135	138		16.65		17.00	1.0
		270	0		16.59		17.00	1.0
	16-QAM	1	1		16.68		17.00	1.0
	64QAM	1	1		15.32		15.50	2.5
256-QAM	1	1		12.48		13.00	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	17.51	17.69	17.50	18.00	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	17.35	17.75	17.48	18.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	17.50	17.52	17.42	18.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	17.20	17.34	17.42	18.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	17.22	17.43	17.42	18.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	17.52	17.62	17.77	18.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	17.72	17.41	17.20	18.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	17.33	17.45	17.22	18.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	17.22	17.86	17.43	18.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	17.62	17.49	17.29	18.00	0.0

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NR TDD ANT5\_DSI2

5G NR n77_30kHz_FCC												
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	
Frequency (MHz)				3750	3786	3822	3858	3894	3930			
Channel				650000	652400	654800	657200	659600	662000			
100	Pi/2 BPSK	1	1	12.86	12.98	12.87	12.83	12.92	12.85	13.00	0.0	
		1	137	12.88	12.82	12.82	12.93	12.83	12.92	13.00	0.0	
		1	272	12.90	12.89	12.84	12.98	12.97	12.83	13.00	0.0	
		135	0	12.49	12.47	12.39	12.45	12.40	12.38	12.50	0.5	
		135	69	12.81	12.91	12.84	12.81	12.81	12.97	13.00	0.0	
		135	138	12.45	12.36	12.32	12.33	12.39	12.48	12.50	0.5	
	QPSK	270	0	12.46	12.38	12.50	12.32	12.35	12.49	12.50	0.5	
		1	1	12.90	12.89	12.88	12.96	12.85	12.90	13.00	0.0	
		1	137	12.94	12.82	13.00	12.88	12.86	12.88	13.00	0.0	
		1	272	12.91	12.94	12.93	12.98	12.93	12.90	13.00	0.0	
		135	0	11.83	11.82	11.97	11.89	11.88	11.89	12.00	1.0	
		135	69	12.89	12.91	12.88	12.96	12.87	12.93	13.00	0.0	
	16-QAM	135	138	11.89	11.81	11.88	11.92	11.95	11.83	12.00	1.0	
		270	0	11.96	11.93	11.92	11.85	11.95	11.91	12.00	1.0	
		16-QAM	1	1	11.82	11.81	11.83	11.81	11.81	11.88	12.00	1.0
		64QAM	1	1	10.35	10.49	10.43	10.37	10.47	10.44	10.50	2.5
256-QAM	1	1	7.87	7.97	7.99	7.81	7.93	8.00	8.00	5.0		

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	12.78	12.71	12.76	12.88	12.66	12.82	13.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	12.75	12.77	12.74	12.83	12.64	12.68	13.00	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	12.80	12.69	12.76	12.76	12.76	12.75	13.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	12.75	12.76	12.69	12.76	12.75	12.76	13.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	12.74	12.79	12.73	12.70	12.71	12.77	13.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	12.87	12.67	12.63	12.77	12.76	12.79	13.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	12.74	12.80	12.81	12.72	12.76	12.67	13.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	12.88	12.80	12.69	12.84	12.80	12.80	13.00	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	12.69	12.82	12.80	12.86	12.76	12.77	13.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	12.70	12.70	12.68	12.82	12.66	12.79	13.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01				
Channel				633334				
100	Pi/2 BPSK	1	1	12.96			13.00	0.0
		1	137	12.88			13.00	0.0
		1	272	12.83			13.00	0.0
		135	0	12.38			12.50	0.5
		135	69	12.82			13.00	0.0
		135	138	12.50			12.50	0.5
		270	0	12.37			12.50	0.5
	QPSK	1	1	12.98			13.00	0.0
		1	137	13.00			13.00	0.0
		1	272	12.84			13.00	0.0
		135	0	11.83			12.00	1.0
		135	69	12.96			13.00	0.0
		135	138	11.95			12.00	1.0
		270	0	11.98			12.00	1.0
	16-QAM	1	1	11.94			12.00	1.0
	64QAM	1	1	10.49			10.50	2.5
256-QAM	1	1	7.94			8.00	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	12.78	12.77	12.79	13.00	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	12.83	12.79	12.64	13.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	12.70	12.67	12.81	13.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	12.69	12.82	12.75	13.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	12.85	12.63	12.80	13.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	12.76	12.73	12.77	13.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	12.78	12.67	12.65	13.00	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	12.81	12.82	12.77	13.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	12.82	12.81	12.82	13.00	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	12.74	12.77	12.79	13.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		12.95		13.00	0.0
		1	137		12.83		13.00	0.0
		1	272		12.93		13.00	0.0
		135	0		12.32		12.50	0.5
		135	69		12.96		13.00	0.0
		135	138		12.47		12.50	0.5
		270	0		12.40		12.50	0.5
	QPSK	1	1		12.87		13.00	0.0
		1	137		12.87		13.00	0.0
		1	272		12.94		13.00	0.0
		135	0		11.96		12.00	1.0
		135	69		12.94		13.00	0.0
		135	138		11.96		12.00	1.0
		270	0		11.81		12.00	1.0
	16-QAM	1	1		11.95		12.00	1.0
64QAM	1	1		10.31		10.50	2.5	
256-QAM	1	1		7.93		8.00	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	12.88	12.82	12.80	13.00	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	12.85	12.72	12.68	13.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	12.81	12.65	12.77	13.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	12.70	12.79	12.79	13.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	12.77	12.71	12.73	13.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	12.78	12.63	12.76	13.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	12.77	12.82	12.82	13.00	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	12.81	12.69	12.78	13.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	12.78	12.69	12.70	13.00	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	12.69	12.73	12.65	13.00	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3786	3822	3858	3894	3930		
Channel				650000	652400	654800	657200	659600	662000		
100	Pi/2 BPSK	1	1	22.05	22.35	22.19	22.27	22.18	22.12	22.50	0.0
		1	137	22.22	22.12	22.06	22.05	22.08	22.13	22.50	0.0
		1	272	22.30	22.29	22.23	22.09	22.23	22.25	22.50	0.0
		135	0	21.78	21.58	21.61	21.57	21.77	21.57	22.00	0.5
		135	69	22.29	22.33	22.23	22.29	22.29	22.04	22.50	0.0
		135	138	21.77	21.66	21.52	21.73	21.78	21.69	22.00	0.5
	QPSK	270	0	21.73	21.69	21.66	21.55	21.68	21.66	22.00	0.5
		1	1	22.13	22.28	22.21	22.29	22.25	22.05	22.50	0.0
		1	137	22.23	22.08	22.10	22.19	22.06	22.31	22.50	0.0
		1	272	22.22	22.25	22.15	22.22	22.17	22.22	22.50	0.0
		135	0	21.06	21.23	21.23	21.25	21.30	21.04	21.50	1.0
		135	69	22.12	22.04	22.28	22.02	22.24	22.26	22.50	0.0
		135	138	21.20	21.28	21.23	21.22	21.05	21.11	21.50	1.0
		270	0	21.27	21.28	21.15	21.19	21.17	21.19	21.50	1.0
16-QAM	1	1	21.09	21.01	21.13	21.16	21.28	21.27	21.50	1.0	
64QAM	1	1	19.72	19.57	19.54	19.74	19.58	19.78	20.00	2.5	
256-QAM	1	1	17.18	17.09	17.18	17.23	17.15	17.10	17.50	5.0	

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	21.99	22.00	22.06	22.03	21.92	22.03	22.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	21.94	21.93	22.02	21.92	21.98	22.14	22.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	22.01	22.03	22.12	21.91	22.06	22.06	22.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	22.01	21.92	22.10	21.89	22.02	22.03	22.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	21.89	22.01	22.03	21.95	22.01	22.14	22.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	22.03	21.96	22.03	21.89	21.93	22.06	22.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	22.05	21.92	22.12	21.86	21.99	22.12	22.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	22.05	21.97	22.01	21.88	21.97	22.13	22.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	21.94	21.94	22.01	21.92	21.99	22.05	22.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	21.97	21.90	22.04	21.91	22.04	22.15	22.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01				
Channel				633334				
100	Pi/2 BPSK	1	1	22.27			22.50	0.0
		1	137	22.28			22.50	0.0
		1	272	22.13			22.50	0.0
		135	0	21.60			22.00	0.5
		135	69	22.11			22.50	0.0
		135	138	21.69			22.00	0.5
		270	0	21.77			22.00	0.5
	QPSK	1	1	22.12			22.50	0.0
		1	137	22.19			22.50	0.0
		1	272	22.12			22.50	0.0
		135	0	21.02			21.50	1.0
		135	69	22.05			22.50	0.0
		135	138	21.15			21.50	1.0
		270	0	21.30			21.50	1.0
	16-QAM	1	1	21.27			21.50	1.0
64QAM	1	1	19.62			20.00	2.5	
256-QAM	1	1	17.12			17.50	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	21.99	21.72	21.83	22.50	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	21.93	21.90	21.83	22.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	21.97	21.94	21.91	22.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	21.90	21.82	21.86	22.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	21.71	21.95	21.88	22.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	21.76	21.74	21.85	22.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	21.92	21.95	21.89	22.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	21.93	21.72	21.99	22.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	21.80	21.97	21.88	22.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	21.90	21.72	21.85	22.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		22.21		22.50	0.0
		1	137		22.16		22.50	0.0
		1	272		22.20		22.50	0.0
		135	0		21.58		22.00	0.5
		135	69		22.03		22.50	0.0
		135	138		21.64		22.00	0.5
		270	0		21.74		22.00	0.5
	QPSK	1	1		22.27		22.50	0.0
		1	137		22.26		22.50	0.0
		1	272		22.28		22.50	0.0
		135	0		21.24		21.50	1.0
		135	69		22.22		22.50	0.0
		135	138		21.18		21.50	1.0
		270	0		21.22		21.50	1.0
	16-QAM	1	1		21.22		21.50	1.0
	64QAM	1	1		19.56		20.00	2.5
256-QAM	1	1		17.28		17.50	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	21.96	21.83	22.06	22.50	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	21.77	21.86	21.94	22.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	21.83	21.95	21.77	22.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	21.78	21.94	21.97	22.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	21.99	21.84	21.98	22.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	21.90	21.75	21.96	22.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	21.81	21.84	21.98	22.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	21.70	21.91	21.98	22.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	21.91	21.97	21.98	22.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	21.82	21.74	21.98	22.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3786	3822	3858	3894	3930		
Channel				650000	652400	654800	657200	659600	662000		
100	Pi/2 BPSK	1	1	21.13	21.24	21.22	21.13	21.15	21.29	21.50	0.0
		1	137	21.11	21.35	21.21	21.28	21.22	21.21	21.50	0.0
		1	272	21.25	21.26	21.17	21.26	21.12	21.30	21.50	0.0
		135	0	20.70	20.66	20.69	20.73	20.70	20.62	21.00	0.5
		135	69	21.16	21.31	21.13	21.19	21.29	21.13	21.50	0.0
		135	138	20.79	20.76	20.62	20.64	20.76	20.75	21.00	0.5
	QPSK	270	0	20.78	20.68	20.72	20.73	20.65	20.72	21.00	0.5
		1	1	21.20	21.18	21.26	21.26	21.17	21.26	21.50	0.0
		1	137	21.24	21.29	21.13	21.25	21.27	21.29	21.50	0.0
		1	272	21.15	21.27	21.27	21.14	21.15	21.25	21.50	0.0
		135	0	20.27	20.12	20.19	20.26	20.14	20.11	20.50	1.0
		135	69	21.26	21.17	21.19	21.12	21.22	21.18	21.50	0.0
		135	138	20.11	20.16	20.30	20.26	20.25	20.15	20.50	1.0
		270	0	20.15	20.29	20.29	20.28	20.22	20.20	20.50	1.0
16-QAM	1	1	20.13	20.30	20.29	20.12	20.20	20.12	20.50	1.0	
64QAM	1	1	18.62	18.77	18.79	18.73	18.73	18.70	19.00	2.5	
256-QAM	1	1	16.25	16.30	16.12	16.11	16.14	16.30	16.50	5.0	

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3783	3821.01	3859.005	3897	3934.995		
Channel				649667	652200	654734	657267	659800	662333		
90	Pi/2 BPSK	1	1	20.74	21.04	20.75	20.73	20.74	20.73	21.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3780	3820.005	3860.01	3900	3939.99		
Channel				649334	652000	654667	657334	660000	662666		
80	Pi/2 BPSK	1	1	20.82	20.72	20.94	20.68	21.04	20.63	21.50	0.0

5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3777	3819	3861	3903	3945		
Channel				649000	651800	654600	657400	660200	663000		
70	Pi/2 BPSK	1	1	20.81	20.94	20.86	20.93	20.81	20.86	21.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3774	3818.01	3862.005	3906	3949.995		
Channel				648667	651600	654534	657467	660400	663333		
60	Pi/2 BPSK	1	1	20.88	20.70	20.69	20.88	20.91	20.71	21.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3771	3817.005	3863.01	3909	3954.99		
Channel				648334	651400	654467	657534	660600	663666		
50	Pi/2 BPSK	1	1	20.92	20.81	20.93	20.57	20.89	20.71	21.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3768	3816	3864	3912	3960		
Channel				648000	651200	654400	657600	660800	664000		
40	Pi/2 BPSK	1	1	20.62	20.91	20.75	20.72	21.03	20.87	21.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3765	3815.01	3865.005	3915	3964.995		
Channel				647667	651000	654334	657667	661000	664333		
30	Pi/2 BPSK	1	1	20.85	20.74	20.87	20.79	20.71	20.79	21.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3762	3814.005	3866.01	3918	3969.99		
Channel				647334	650800	654267	657734	661200	664666		
20	Pi/2 BPSK	1	1	20.83	21.02	20.98	20.60	20.96	20.71	21.50	0.0
5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3760.5	3813.51	3866.505	3919.5	3972.495		
Channel				647167	650700	654234	657767	661300	664833		
15	Pi/2 BPSK	1	1	20.80	20.74	21.02	20.75	20.89	20.97	21.50	0.0

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5G NR n77_30kHz_FCC											
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)						Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3759	3813	3867	3921	3975		
Channel				647000	650600	654200	657800	661400	665000		
10	Pi/2 BPSK	1	1	20.92	20.66	20.63	20.58	20.80	20.76	21.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01				
Channel				633334				
100	Pi/2 BPSK	1	1	21.36			21.50	0.0
		1	137	21.14			21.50	0.0
		1	272	21.09			21.50	0.0
		135	0	20.46			21.00	0.5
		135	69	21.32			21.50	0.0
		135	138	20.47			21.00	0.5
		270	0	20.72			21.00	0.5
	QPSK	1	1	21.18			21.50	0.0
		1	137	21.19			21.50	0.0
		1	272	21.21			21.50	0.0
		135	0	20.09			20.50	1.0
		135	69	21.04			21.50	0.0
		135	138	19.97			20.50	1.0
		270	0	20.16			20.50	1.0
16-QAM	1	1	20.17			20.50	1.0	
64QAM	1	1	18.62			19.00	2.5	
256-QAM	1	1	16.23			16.50	5.0	

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3500.01	3504.99		
Channel				633000	633334	633666		
90	Pi/2 BPSK	1	1	20.91	20.92	21.06	21.50	0.0

5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.005	3500.01	3510		
Channel				632667	633334	634000		
80	Pi/2 BPSK	1	1	20.90	20.93	21.13	21.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3485.01	3500.01	3514.995		
Channel				632334	633334	634333		
70	Pi/2 BPSK	1	1	20.92	20.94	21.13	21.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3500.01	3519.99		
Channel				632000	633334	634666		
60	Pi/2 BPSK	1	1	20.94	20.94	21.07	21.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.005	3500.01	3525		
Channel				631667	633334	635000		
50	Pi/2 BPSK	1	1	20.85	20.93	21.14	21.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3500.01	3529.995		
Channel				631334	633334	635333		
40	Pi/2 BPSK	1	1	20.89	20.91	21.07	21.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3465	3500.01	3534.99		
Channel				631000	633334	635666		
30	Pi/2 BPSK	1	1	20.92	20.95	21.11	21.50	0.0

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5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.005	3500.01	3540		
Channel				630667	633334	636000		
20	Pi/2 BPSK	1	1	20.87	20.90	21.14	21.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
Channel				630500	633334	636166		
15	Pi/2 BPSK	1	1	20.90	20.87	21.06	21.50	0.0
5G NR n77 & n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3500.01	3544.995		
Channel				630334	633334	636333		
10	Pi/2 BPSK	1	1	20.90	20.95	21.08	21.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		21.02		21.50	0.0
		1	137		21.01		21.50	0.0
		1	272		21.17		21.50	0.0
		135	0		20.42		21.00	0.5
		135	69		21.20		21.50	0.0
		135	138		20.78		21.00	0.5
		270	0		20.47		21.00	0.5
	QPSK	1	1		21.03		21.50	0.0
		1	137		20.98		21.50	0.0
		1	272		21.18		21.50	0.0
		135	0		20.07		20.50	1.0
		135	69		21.00		21.50	0.0
		135	138		20.01		20.50	1.0
		270	0		20.27		20.50	1.0
	16-QAM	1	1		20.06		20.50	1.0
	64QAM	1	1		18.80		19.00	2.5
256-QAM	1	1		15.95		16.50	5.0	

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3745.005	3750	3754.995		
Channel				649667	650000	650333		
90	Pi/2 BPSK	1	1	20.94	20.95	21.14	21.50	0.0

5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	650000	650666		
80	Pi/2 BPSK	1	1	20.94	20.95	21.14	21.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3735	3750	3765		
Channel				649000	650000	651000		
70	Pi/2 BPSK	1	1	20.88	20.86	21.12	21.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3730.005	3750	3769.995		
Channel				648667	650000	651333		
60	Pi/2 BPSK	1	1	20.94	20.90	21.07	21.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	650000	651666		
50	Pi/2 BPSK	1	1	20.89	20.87	21.09	21.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	20.91	20.92	21.12	21.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3715.005	3750	3784.995		
Channel				647667	650000	652333		
30	Pi/2 BPSK	1	1	20.86	20.94	21.12	21.50	0.0

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5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	20.90	20.91	21.13	21.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3750	3792.495		
Channel				647167	650000	652833		
15	Pi/2 BPSK	1	1	20.92	20.94	21.12	21.50	0.0
5G NR n78_30kHz_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	20.93	20.91	21.14	21.50	0.0

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6.9 WLAN

DS10

Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	20.50	20.49
		2	2417		20.50	20.47
		6	2437		21.00	20.98
		10	2457		21.00	20.89
		11	2462		21.00	20.91
	802.11g	1	2412	6Mbps	16.00	Not Required
		6	2437		19.00	
		11	2462		15.50	
	802.11n20-HT0	1	2412	MCS0	16.00	
		6	2437		19.50	
		11	2462		15.00	
	802.11ac20-VHT0	1	2412	MCS0	16.00	
		6	2437		19.50	
		11	2462		15.00	
	802.11ax20-HE0	1	2412	MCS0	15.00	
		6	2437		19.00	
		11	2462		12.50	
	802.11be20-EHT0	1	2412	MCS0	15.00	
		6	2437		19.00	
		11	2462		12.50	
	802.11n40-HT0	3	2422	MCS0	9.50	
		6	2437		10.00	
		9	2452		8.50	
	802.11ac40-VHT0	3	2422	MCS0	9.50	
		6	2437		10.00	
		9	2452		8.50	
	802.11ax40-HE0	3	2422	MCS0	8.50	
		6	2437		10.00	
		8	2447		8.00	
	802.11be40-EHT0	3	2422	MCS0	9.00	
6		2437	10.00			
9		2452	8.50			

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Ant7							
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.00	Not Required	
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11n20-HT0	36	5180	MCS0	16.50		
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11ac20-VHT0	36	5180	MCS0	16.50		
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11ax20-HE0	36	5180	MCS0	16.00		
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11be20-EHT0	36	5180	MCS0	16.00		
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11n40-HT0	38	5190	MCS0	14.00		13.98
		46	5230		20.50		20.48
	802.11ac40-VHT0	38	5190	MCS0	14.00		Not Required
		46	5230		20.50		
802.11ax40-HE0	38	5190	MCS0	15.00			
	46	5230		20.50			
802.11be40-EHT0	38	5190	MCS0	15.50			
	46	5230		20.50			
802.11ac80-VHT0	42	5210	MCS0	13.50			
802.11ax80-HE0	42	5210	MCS0	13.00			
802.11be80-EHT0	42	5210	MCS0	13.00			
802.11ac160-VHT0	50	5250	MCS0	11.00			
802.11ax160-HE0	50	5250	MCS0	11.50			
802.11be160-EHT0	50	5250	MCS0	11.50			

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.00	Not Required
		56	5280		19.00	
		60	5300		19.00	
		64	5320		17.00	
	802.11n20-HT0	52	5260	MCS0	19.00	
		56	5280		19.00	
		60	5300		19.00	
		64	5320		16.50	
	802.11ac20-VHT0	52	5260	MCS0	19.00	
		56	5280		19.00	
		60	5300		19.00	
		64	5320		16.50	
	802.11ax20-HE0	52	5260	MCS0	19.50	
		56	5280		19.50	
		60	5300		19.50	
		64	5320		16.50	
	802.11be20-EHT0	52	5260	MCS0	19.50	
		56	5280		19.50	
		60	5300		19.50	
		64	5320		16.50	
802.11n40-HT0	54	5270	MCS0	20.50	20.49	
	62	5310		14.00	13.98	
802.11ac40-VHT0	54	5270	MCS0	20.50	Not Required	
	62	5310		14.00		
802.11ax40-HE0	54	5270	MCS0	20.50		
	62	5310		12.50		
802.11be40-EHT0	54	5270	MCS0	20.50		
	62	5310		13.00		
802.11ac80-VHT0	58	5290	MCS0	10.00		
802.11ax80-HE0	58	5290	MCS0	10.00		

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Ant7							
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.6GHz	802.11a	100	5500	6Mbps	18.00	Not Required	
		120	5600		19.50		
		140	5700		17.50		
		144	5720		19.00		
	802.11n20-HT0	100	5500	MCS0	17.00		
		120	5600		20.00		
		140	5700		14.00		
		144	5720		19.00		
	802.11ac20-VHT0	100	5500	MCS0	17.00		
		120	5600		20.00		
		140	5700		14.00		
		144	5720		19.00		
	802.11ax20-HE0	100	5500	MCS0	17.00		
		120	5600		19.50		
		140	5700		13.50		
		144	5720		19.00		
	802.11be20-EHT0	100	5500	MCS0	17.00		
		120	5600		19.50		
		140	5700		13.50		
		144	5720		19.00		
	802.11n40-HT0	102	5510	MCS0	16.00		
		118	5590		20.50		
		134	5670		16.00		
		142	5710		20.50		
	802.11ac40-VHT0	102	5510	MCS0	16.00		
		118	5590		20.50		
		134	5670		16.00		
		142	5710		20.50		
	802.11ax40-HE0	102	5510	MCS0	14.50		
		118	5590		20.50		
		134	5670		15.50		
		142	5710		20.00		
	802.11be40-EHT0	102	5510	MCS0	15.00		
		118	5590		20.50		
		134	5670		15.50		
		142	5710		20.00		
	802.11ac80-VHT0	106	5530	MCS0	13.00		12.95
		122	5610		17.00		16.95
		138	5690		20.50		20.45
	802.11ax80-HE0	106	5530	MCS0	12.50		Not Required
122		5610	16.50				
138		5690	17.50				
802.11be80-EHT0	106	5530	MCS0	12.50			
	122	5610		16.50			
	138	5690		17.50			
802.11ac160-VHT0	114	5570	MCS0	8.50			
802.11ax160-HE0	114	5570	MCS0	11.50			
802.11be160-EHT0	114	5570	MCS0	12.00			

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Ant7						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	21.50	21.21
		157	5785		21.50	21.16
		165	5825		21.50	21.18
	802.11n20-HT0	149	5745	MCS0	21.50	Not Required
		157	5785		21.50	
		165	5825		21.50	
	802.11ac20-VHT0	149	5745	MCS0	21.50	
		157	5785		21.50	
		165	5825		21.50	
	802.11ax20-HE0	149	5745	MCS0	21.50	
		157	5785		21.50	
		165	5825		21.50	
	802.11be20-EHT0	149	5745	MCS0	21.50	
		157	5785		21.50	
		165	5825		21.50	
	802.11n40-HT0	151	5755	MCS0	18.50	
		159	5795		19.50	
	802.11ac40-VHT0	151	5755	MCS0	18.50	
		159	5795		19.50	
	802.11ax40-HE0	151	5755	MCS0	18.00	
		159	5795		18.50	
802.11be40-EHT0	151	5755	MCS0	18.50		
	159	5795		19.50		
802.11ac80-VHT0	155	5775	MCS0	16.00		
802.11ax80-HE0	155	5775	MCS0	15.00		

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Ant8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	19.00	18.99
		2	2417		20.00	19.95
		6	2437		21.00	20.44
		10	2457		20.00	19.96
		11	2462		19.50	19.49
	802.11g	1	2412	6Mbps	15.00	Not Required
		6	2437		18.00	
		11	2462		15.00	
	802.11n20-HT0	1	2412	MCS0	15.00	
		6	2437		19.00	
		11	2462		14.50	
	802.11ac20-VHT0	1	2412	MCS0	15.00	
		6	2437		19.00	
		11	2462		14.50	
	802.11ax20-HE0	1	2412	MCS0	14.00	
		6	2437		18.50	
		11	2462		12.00	
	802.11be20-EHT0	1	2412	MCS0	14.00	
		6	2437		18.50	
		11	2462		12.00	
	802.11n40-HT0	3	2422	MCS0	8.00	
		6	2437		9.50	
		9	2452		7.00	
	802.11ac40-VHT0	3	2422	MCS0	8.00	
		6	2437		9.50	
		9	2452		7.00	
	802.11ax40-HE0	3	2422	MCS0	7.00	
		6	2437		8.50	
		8	2447		6.50	
	802.11be40-EHT0	3	2422	MCS0	7.50	
6		2437	8.50			
9		2452	7.00			

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Ant8							
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.00	Not Required	
		40	5200		18.50		
		44	5220		19.00		
		48	5240		19.00		
	802.11n20-HT0	36	5180	MCS0	16.00		
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11ac20-VHT0	36	5180	MCS0	16.00		
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11ax20-HE0	36	5180	MCS0	16.00		
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11be20-EHT0	36	5180	MCS0	16.00		
		40	5200		19.00		
		44	5220		19.00		
		48	5240		19.00		
	802.11n40-HT0	38	5190	MCS0	14.00		13.95
		46	5230		20.50		20.49
	802.11ac40-VHT0	38	5190	MCS0	14.00		Not Required
		46	5230		20.50		
	802.11ax40-HE0	38	5190	MCS0	15.00		
		46	5230		20.00		
	802.11be40-EHT0	38	5190	MCS0	15.50		
		46	5230		20.50		
802.11ac80-VHT0	42	5210	MCS0	13.00			
802.11ax80-HE0	42	5210	MCS0	13.00			
802.11be80-EHT0	42	5210	MCS0	13.00			
802.11ac160-VHT0	50	5250	MCS0	10.50			
802.11ax160-HE0	50	5250	MCS0	11.50			
802.11be160-EHT0	50	5250	MCS0	11.50			

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Ant8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.00	Not Required
		56	5280		19.00	
		60	5300		19.00	
		64	5320		17.00	
	802.11n20-HT0	52	5260	MCS0	19.00	
		56	5280		19.00	
		60	5300		19.00	
		64	5320		16.00	
	802.11ac20-VHT0	52	5260	MCS0	19.00	
		56	5280		19.00	
		60	5300		19.00	
		64	5320		16.00	
	802.11ax20-HE0	52	5260	MCS0	19.00	
		56	5280		19.00	
		60	5300		19.00	
		64	5320		16.50	
	802.11be20-EHT0	52	5260	MCS0	19.00	
		56	5280		19.00	
		60	5300		19.00	
		64	5320		16.50	
802.11n40-HT0	54	5270	MCS0	20.50	20.48	
	62	5310		13.50	13.49	
802.11ac40-VHT0	54	5270	MCS0	20.50	Not Required	
	62	5310		13.50		
802.11ax40-HE0	54	5270	MCS0	20.50		
	62	5310		12.50		
802.11be40-EHT0	54	5270	MCS0	20.50		
	62	5310		13.00		
802.11ac80-VHT0	58	5290	MCS0	10.00		
802.11ax80-HE0	58	5290	MCS0	9.50		
802.11be80-EHT0	58	5290	MCS0	10.00		

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Ant8							
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.6GHz	802.11a	100	5500	6Mbps	18.00	Not Required	
		120	5600		19.00		
		140	5700		17.00		
		144	5720		18.50		
	802.11n20-HT0	100	5500	MCS0	17.00		
		120	5600		19.50		
		140	5700		13.50		
		144	5720		18.50		
	802.11ac20-VHT0	100	5500	MCS0	16.50		
		120	5600		19.50		
		140	5700		13.50		
		144	5720		18.50		
	802.11ax20-HE0	100	5500	MCS0	17.00		
		120	5600		19.00		
		140	5700		13.50		
		144	5720		19.00		
	802.11be20-EHT0	100	5500	MCS0	17.00		
		120	5600		19.00		
		140	5700		13.50		
		144	5720		19.00		
	802.11n40-HT0	102	5510	MCS0	15.50		
		118	5590		20.50		
		134	5670		16.00		
		142	5710		20.00		
	802.11ac40-VHT0	102	5510	MCS0	15.50		
		118	5590		20.50		
		134	5670		15.50		
		142	5710		20.00		
	802.11ax40-HE0	102	5510	MCS0	14.50		
		118	5590		20.50		
		134	5670		15.00		
		142	5710		19.50		
	802.11be40-EHT0	102	5510	MCS0	15.00		
		118	5590		20.50		
		134	5670		15.00		
		142	5710		20.00		
	802.11ac80-VHT0	106	5530	MCS0	13.00		12.98
		122	5610		17.00		16.91
		138	5690		20.50		20.48
	802.11ax80-HE0	106	5530	MCS0	12.00		Not Required
122		5610	16.50				
138		5690	17.50				
802.11be80-EHT0	106	5530	MCS0	12.00			
	122	5610		16.50			
	138	5690		17.50			
802.11ac160-VHT0	114	5570	MCS0	8.50			
802.11ax160-HE0	114	5570	MCS0	11.00			
802.11be160-EHT0	114	5570	MCS0	11.50			

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Ant8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	21.50	21.46
		157	5785		21.50	21.39
		165	5825		21.50	21.36
	802.11n20-HT0	149	5745	MCS0	21.50	Not Required
		157	5785		21.50	
		165	5825		21.50	
	802.11ac20-VHT0	149	5745	MCS0	21.50	
		157	5785		21.50	
		165	5825		21.50	
	802.11ax20-HE0	149	5745	MCS0	21.50	
		157	5785		21.50	
		165	5825		21.50	
	802.11be20-EHT0	149	5745	MCS0	21.50	
		157	5785		21.50	
		165	5825		21.50	
	802.11n40-HT0	151	5755	MCS0	18.50	
		159	5795		19.50	
	802.11ac40-VHT0	151	5755	MCS0	18.50	
		159	5795		19.50	
	802.11ax40-HE0	151	5755	MCS0	18.50	
		159	5795		18.50	
802.11be40-EHT0	151	5755	MCS0	18.50		
	159	5795		19.50		
802.11ac80-VHT0	155	5775	MCS0	16.00		
802.11ax80-HE0	155	5775	MCS0	15.00		

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DSI3

Ant7						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	20.00	19.86
		157	5785		20.00	19.56
		165	5825		20.00	19.77
	802.11n20-HT0	149	5745	MCS0	20.00	Not Required
		157	5785		20.00	
		165	5825		20.00	
	802.11ac20-VHT0	149	5745	MCS0	20.00	
		157	5785		20.00	
		165	5825		20.00	
	802.11ax20-HE0	149	5745	MCS0	20.00	
		157	5785		20.00	
		165	5825		20.00	
	802.11be20-EHT0	149	5745	MCS0	20.00	
		157	5785		20.00	
		165	5825		20.00	
	802.11n40-HT0	151	5755	MCS0	18.50	
		159	5795		19.50	
	802.11ac40-VHT0	151	5755	MCS0	18.50	
		159	5795		19.50	
	802.11ax40-HE0	151	5755	MCS0	18.00	
		159	5795		18.50	
802.11be40-EHT0	151	5755	MCS0	18.50		
	159	5795		19.50		
802.11ac80-VHT0	155	5775	MCS0	16.00		
802.11ax80-HE0	155	5775	MCS0	15.00		
802.11be80-EHT0	155	5775	MCS0	15.50		

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Ant8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	20.00	19.92
		157	5785		20.00	19.76
		165	5825		20.00	19.88
	802.11n20-HT0	149	5745	MCS0	20.00	Not Required
		157	5785		20.00	
		165	5825		20.00	
	802.11ac20-VHT0	149	5745	MCS0	20.00	
		157	5785		20.00	
		165	5825		20.00	
	802.11ax20-HE0	149	5745	MCS0	20.00	
		157	5785		20.00	
		165	5825		20.00	
	802.11be20-EHT0	149	5745	MCS0	20.00	
		157	5785		20.00	
		165	5825		20.00	
	802.11n40-HT0	151	5755	MCS0	18.50	
		159	5795		19.50	
	802.11ac40-VHT0	151	5755	MCS0	18.50	
		159	5795		19.50	
	802.11ax40-HE0	151	5755	MCS0	18.50	
159		5795	18.50			
802.11be40-EHT0	151	5755	MCS0	18.50		
	159	5795		19.50		
802.11ac80-VHT0	155	5775	MCS0	16.00		
802.11ax80-HE0	155	5775	MCS0	15.00		
802.11be80-EHT0	155	5775	MCS0	15.00		

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DSI4

Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	18.00	17.88
		6	2437		18.00	17.98
		11	2462		18.00	17.81
	802.11g	1	2412	6Mbps	16.00	Not Required
		6	2437		18.00	
		11	2462		15.50	
	802.11n20-HT0	1	2412	MCS0	16.00	
		6	2437		18.00	
		11	2462		15.00	
	802.11ac20-VHT0	1	2412	MCS0	16.00	
		6	2437		18.00	
		11	2462		15.00	
	802.11ax20-HE0	1	2412	MCS0	15.00	
		6	2437		18.00	
		11	2462		12.50	
	802.11be20-EHT0	1	2412	MCS0	15.00	
		6	2437		18.00	
		11	2462		12.50	
	802.11n40-HT0	3	2422	MCS0	9.50	
		6	2437		10.00	
		9	2452		8.50	
	802.11ac40-VHT0	3	2422	MCS0	9.50	
		6	2437		10.00	
		9	2452		8.50	
	802.11ax40-HE0	3	2422	MCS0	8.50	
		6	2437		10.00	
		9	2452		18.00	
	802.11be40-EHT0	3	2422	MCS0	9.00	
		6	2437		10.00	
		9	2452		8.50	

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Ant7						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	17.00	Not Required
		157	5785		17.00	
		165	5825		17.00	
	802.11n20-HT0	149	5745	MCS0	17.00	
		157	5785		17.00	
		165	5825		17.00	
	802.11ac20-VHT0	149	5745	MCS0	17.00	
		157	5785		17.00	
		165	5825		17.00	
	802.11ax20-HE0	149	5745	MCS0	17.00	
		157	5785		17.00	
		165	5825		17.00	
	802.11be20-EHT0	149	5745	MCS0	17.00	
		157	5785		17.00	
		165	5825		17.00	
	802.11n40-HT0	151	5755	MCS0	17.00	16.98
		159	5795		17.00	16.91
	802.11ac40-VHT0	151	5755	MCS0	17.00	Not Required
		159	5795		17.00	
	802.11ax40-HE0	151	5755	MCS0	17.00	
159		5795	17.00			
802.11be40-EHT0	151	5755	MCS0	17.00		
	159	5795		17.00		
802.11ac80-VHT0	155	5775	MCS0	16.00		
802.11ax80-HE0	155	5775	MCS0	15.00		
802.11be80-EHT0	155	5775	MCS0	15.50		

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Ant8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	18.00	17.90
		6	2437		18.00	17.99
		11	2462		18.00	17.86
	802.11g	1	2412	6Mbps	15.00	Not Required
		6	2437		18.00	
		11	2462		15.00	
	802.11n20-HT0	1	2412	MCS0	15.00	
		6	2437		18.00	
		11	2462		14.50	
	802.11ac20-VHT0	1	2412	MCS0	15.00	
		6	2437		18.00	
		11	2462		14.50	
	802.11ax20-HE0	1	2412	MCS0	14.00	
		6	2437		18.00	
		11	2462		12.00	
	802.11be20-EHT0	1	2412	MCS0	14.00	
		6	2437		18.00	
		11	2462		12.00	
	802.11n40-HT0	3	2422	MCS0	8.00	
		6	2437		9.50	
		9	2452		7.00	
	802.11ac40-VHT0	3	2422	MCS0	8.00	
		6	2437		9.50	
		9	2452		7.00	
	802.11ax40-HE0	3	2422	MCS0	7.00	
		6	2437		8.50	
		9	2452		18.00	
	802.11be40-EHT0	3	2422	MCS0	7.50	
		6	2437		8.50	
		9	2452		7.00	

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Ant8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	17.00	Not Required
		157	5785		17.00	
		165	5825		17.00	
	802.11n20-HT0	149	5745	MCS0	17.00	
		157	5785		17.00	
		165	5825		17.00	
	802.11ac20-VHT0	149	5745	MCS0	17.00	
		157	5785		17.00	
		165	5825		17.00	
	802.11ax20-HE0	149	5745	MCS0	17.00	
		157	5785		17.00	
		165	5825		17.00	
	802.11be20-EHT0	149	5745	MCS0	17.00	
		157	5785		17.00	
		165	5825		17.00	
	802.11n40-HT0	151	5755	MCS0	17.00	16.95
		159	5795		17.00	16.88
	802.11ac40-VHT0	151	5755	MCS0	17.00	Not Required
		159	5795		17.00	
	802.11ax40-HE0	151	5755	MCS0	17.00	
159		5795	17.00			
802.11be40-EHT0	151	5755	MCS0	17.00		
	159	5795		17.00		
802.11ac80-VHT0	155	5775	MCS0	16.00		
802.11ax80-HE0	155	5775	MCS0	15.00		
802.11be80-EHT0	155	5775	MCS0	15.00		

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MIMO\_DSI0

Band	Mode	MIMO			Ant7		Ant8		Ant7+8	
		Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	19.00	Not Required	19.00	Not Required	22.00	Not Required
		2	2417		20.00		23.00			
		6	2437		21.00		24.00			
		10	2457		20.00		23.00			
		11	2462		19.50		22.50			
	802.11g	1	2412	6Mbps	15.00	Not Required	15.00	Not Required	18.00	Not Required
		6	2437		18.00		21.00			
		11	2462		15.00		18.00			
	802.11n20-HT0	1	2412	MCS0	15.00	Not Required	15.00	Not Required	18.00	Not Required
		6	2437		19.00		22.00			
		11	2462		14.50		17.50			
	802.11ac20-VHT0	1	2412	MCS0	15.00	Not Required	15.00	Not Required	18.00	Not Required
		6	2437		19.00		22.00			
		11	2462		14.50		17.50			
	802.11ax20-HE0	1	2412	MCS0	14.00	Not Required	14.00	Not Required	17.00	Not Required
		6	2437		18.50		21.50			
		11	2462		12.00		15.00			
	802.11be20-EHT0	1	2412	MCS0	14.00	Not Required	14.00	Not Required	17.00	Not Required
		6	2437		18.50		21.50			
		11	2462		12.00		15.00			
	802.11n40-HT0	3	2422	MCS0	8.00	Not Required	8.00	Not Required	11.00	Not Required
		6	2437		9.50		12.50			
		9	2452		7.00		10.00			
	802.11ac40-VHT0	3	2422	MCS0	8.00	Not Required	8.00	Not Required	11.00	Not Required
		6	2437		9.50		12.50			
		9	2452		7.00		10.00			
	802.11ax40-HE0	3	2422	MCS0	7.00	Not Required	7.00	Not Required	10.00	Not Required
		6	2437		8.50		11.50			
		8	2447		6.50		9.50			
	802.11be40-EHT0	3	2422	MCS0	7.50	Not Required	7.50	Not Required	10.50	Not Required
6		2437	8.50		11.50					
9		2452	7.00		10.00					

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Band	MIMO				Ant7		Ant8		Ant7+8				
	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.00	Not Required	16.00	Not Required	19.00	Not Required			
		40	5200		19.00		19.00		22.00				
		44	5220		19.00		19.00		22.00				
		48	5240		19.00		19.00		22.00				
	802.11n20-HT0	36	5180	MCS0	16.50		16.50		19.50				
		40	5200		19.00		19.00		22.00				
		44	5220		19.00		19.00		22.00				
		48	5240		19.00		19.00		22.00				
	802.11ac20-VHT0	36	5180	MCS0	16.50		16.50		19.50				
		40	5200		19.00		19.00		22.00				
		44	5220		19.00		19.00		22.00				
		48	5240		19.00		19.00		22.00				
	802.11ax20-HE0	36	5180	MCS0	16.00		16.00		19.00				
		40	5200		19.00		19.00		22.00				
		44	5220		19.00		19.00		22.00				
		48	5240		19.00		19.00		22.00				
	802.11be20-EHT0	36	5180	MCS0	16.00		16.00		19.00				
		40	5200		19.00		19.00		22.00				
		44	5220		19.00		19.00		22.00				
		48	5240		19.00		19.00		22.00				
	802.11n40-HT0	38	5190	MCS0	14.00		12.17		14.00		13.99	17.00	16.18
		46	5230		20.50		18.12		20.50		20.45	23.50	22.45
	802.11ac40-VHT0	38	5190	MCS0	14.00		Not Required		14.00		Not Required	17.00	Not Required
		46	5230		20.50				20.50			23.50	
	802.11ax40-HE0	38	5190	MCS0	15.00				15.00			18.00	
		46	5230		20.50				20.50			23.50	
	802.11be40-EHT0	38	5190	MCS0	15.50				15.50			18.50	
		46	5230		20.50				20.50			23.50	
802.11ac80-VHT0	42	5210	MCS0	13.50	13.50	16.50							
802.11ax80-HE0	42	5210	MCS0	13.00	13.00	16.00							
802.11be80-EHT0	42	5210	MCS0	13.00	13.00	16.00							
802.11ac160-VHT0	50	5250	MCS0	11.00	11.00	14.00							
802.11ax160-HE0	50	5250	MCS0	11.50	11.50	14.50							
802.11be160-EHT0	50	5250	MCS0	11.50	11.50	14.50							

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Band	MIMO				Ant7		Ant8		Ant7+8				
	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.00	Not Required	19.00	Not Required	22.00	Not Required			
		56	5280		19.00		22.00						
		60	5300		19.00		22.00						
		64	5320		17.00		20.00						
	802.11n20-HT0	52	5260	MCS0	19.00		19.00		22.00				
		56	5280		19.00		22.00						
		60	5300		19.00		22.00						
		64	5320		16.50		19.50						
	802.11ac20-VHT0	52	5260	MCS0	19.00		19.00		22.00				
		56	5280		19.00		22.00						
		60	5300		19.00		22.00						
		64	5320		16.50		19.50						
	802.11ax20-HE0	52	5260	MCS0	19.50		19.50		22.50				
		56	5280		19.50		22.50						
		60	5300		19.50		22.50						
		64	5320		16.50		19.50						
	802.11be20-EHT0	52	5260	MCS0	19.50		19.50		22.50				
		56	5280		19.50		22.50						
		60	5300		19.50		22.50						
		64	5320		16.50		19.50						
	802.11n40-HT0	54	5270	MCS0	20.50		17.88		20.50		20.49	23.50	22.39
		62	5310		14.00		11.22		14.00		13.42	17.00	15.47
	802.11ac40-VHT0	54	5270	MCS0	20.50		Not Required		20.50		Not Required	23.50	Not Required
		62	5310		14.00				17.00				
	802.11ax40-HE0	54	5270	MCS0	20.50				20.50			23.50	
		62	5310		12.50				15.50				
	802.11be40-EHT0	54	5270	MCS0	20.50				20.50			23.50	
		62	5310		13.00				16.00				
	802.11ac80-VHT0	58	5290	MCS0	10.00				10.00			13.00	
		58	5290		10.00				13.00				

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Band	MIMO				Ant7		Ant8		Ant7+8		
	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.6GHz	802.11a	100	5500	6Mbps	18.00	Not Required	18.00	Not Required	21.00	Not Required	
		120	5600		19.50		22.50				
		140	5700		17.50		20.50				
		144	5720		19.00		22.00				
	802.11n20-HT0	100	5500	MCS0	17.00		20.00		23.00		
		120	5600		20.00		17.00		22.00		
		140	5700		14.00		20.00		17.00		
		144	5720		19.00		22.00		20.00		
	802.11ac20-VHT0	100	5500	MCS0	17.00		20.00		23.00		
		120	5600		20.00		17.00		22.00		
		140	5700		14.00		20.00		17.00		
		144	5720		19.00		22.00		20.00		
	802.11ax20-HE0	100	5500	MCS0	17.00		20.00		23.00		
		120	5600		19.50		17.00		22.50		
		140	5700		13.50		16.50		16.50		
		144	5720		19.00		22.00		20.00		
	802.11be20-EHT0	100	5500	MCS0	17.00		20.00		23.00		
		120	5600		19.50		17.00		22.50		
		140	5700		13.50		16.50		16.50		
		144	5720		19.00		22.00		20.00		
	802.11n40-HT0	102	5510	MCS0	16.00		20.50		23.50		
		118	5590		20.50		16.00		19.00		
		134	5670		16.00		20.50		23.50		
		142	5710		20.50		16.00		19.00		
	802.11ac40-VHT0	102	5510	MCS0	16.00		20.50		23.50		
		118	5590		20.50		16.00		19.00		
		134	5670		16.00		20.50		23.50		
		142	5710		20.50		16.00		19.00		
	802.11ax40-HE0	102	5510	MCS0	14.50		20.50		23.50		
		118	5590		20.50		15.50		18.50		
		134	5670		15.50		20.00		23.00		
		142	5710		20.00		15.00		18.00		
	802.11be40-EHT0	102	5510	MCS0	15.00		20.50		23.50		
		118	5590		20.50		15.50		18.50		
		134	5670		15.50		20.00		23.00		
		142	5710		20.00		15.00		18.00		
	802.11ac80-VHT0	106	5530	MCS0	13.00		10.75		16.00		14.86
		122	5610		17.00		14.43		20.00		18.90
		138	5690		20.50		19.89		23.50		23.21
	802.11ax80-HE0	106	5530	MCS0	12.50		Not Required		12.50		Not Required
122		5610	16.50		19.50						
138		5690	17.50		20.50						
106	5530	12.50	15.50								
802.11be80-EHT0	122	5610	MCS0	16.50	16.50	19.50					
	138	5690		17.50	20.50						
	106	5530		12.50	15.50						
802.11ac160-VHT0	114	5570	MCS0	8.50	8.50	11.50					
802.11ax160-HE0	114	5570	MCS0	11.50	11.50	14.50					
802.11be160-EHT0	114	5570	MCS0	12.00	12.00	15.00					

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MIMO					Ant7		Ant8		Ant7+8		
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.8GHz	802.11a	149	5745	6Mbps	21.50	20.10	21.50	21.43	24.50	23.83	
		157	5785		21.50		21.22		24.50		23.69
		165	5825		21.50		21.39		24.50		23.61
	802.11n20-HT0	149	5745	MCS0	21.50	Not Required	21.50	Not Required	24.50	Not Required	
		157	5785		21.50		24.50				
		165	5825		21.50		24.50				
	802.11ac20-VHT0	149	5745	MCS0	21.50		21.50		24.50		
		157	5785		21.50		24.50				
		165	5825		21.50		24.50				
	802.11ax20-HE0	149	5745	MCS0	21.50		21.50		24.50		
		157	5785		21.50		24.50				
		165	5825		21.50		24.50				
	802.11be20-EHT0	149	5745	MCS0	21.50		21.50		24.50		
		157	5785		21.50		24.50				
		165	5825		21.50		24.50				
	802.11n40-HT0	151	5755	MCS0	18.50		18.50		21.50		
		159	5795		19.50		22.50				
		151	5755		18.50		21.50				
	802.11ac40-VHT0	151	5755	MCS0	19.50		19.50		22.50		
		159	5795		18.00		21.00				
151		5755	18.50		21.50						
802.11ax40-HE0	151	5755	MCS0	18.50	18.50		21.50				
	159	5795		19.50	22.50						
	151	5755		18.50	21.50						
802.11be40-EHT0	151	5755	MCS0	19.50	19.50	22.50					
	159	5795		16.00	19.00						
	151	5755		15.00	18.00						
802.11ac80-VHT0	155	5775	MCS0	16.00	16.00	19.00					
802.11ax80-HE0	155	5775	MCS0	15.00	15.00	18.00					

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MIMO DSI3

MIMO					Ant7		Ant8		Ant7+8	
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	20.00	18.85	20.00	19.91	23.00	22.42
		157	5785		20.00	18.51	20.00	19.66	23.00	22.13
		165	5825		20.00	18.10	20.00	19.75	23.00	22.01
	802.11n20-HT0	149	5745	MCS0	21.50	Not Required	21.50	Not Required	24.50	Not Required
		157	5785		21.50		24.50			
		165	5825		21.50		24.50			
	802.11ac20-VHT0	149	5745	MCS0	21.50		21.50		24.50	
		157	5785		21.50		24.50			
		165	5825		21.50		24.50			
	802.11ax20-HE0	149	5745	MCS0	21.50		21.50		24.50	
		157	5785		21.50		24.50			
		165	5825		21.50		24.50			
	802.11be20-EHT0	149	5745	MCS0	21.50		21.50		24.50	
		157	5785		21.50		24.50			
		165	5825		21.50		24.50			
	802.11n40-HT0	151	5755	MCS0	18.50		18.50		21.50	
		159	5795		19.50		22.50			
		151	5755		18.50		21.50			
	802.11ac40-VHT0	159	5795	MCS0	19.50		19.50		22.50	
		151	5755		18.50		21.50			
159		5795	19.50		22.50					
802.11ax40-HE0	151	5755	MCS0	18.00	18.00		21.00			
	159	5795		18.50	21.50					
	151	5755		18.50	21.50					
802.11be40-EHT0	159	5795	MCS0	19.50	19.50	22.50				
	151	5755		18.50	21.50					
	159	5795		19.50	22.50					
802.11ac80-VHT0	155	5775	MCS0	16.00	16.00	19.00				
	155	5775		16.00	19.00					
802.11ax80-HE0	155	5775	MCS0	15.00	15.00	18.00				

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MIMO\_DSI4

Band	Mode	MIMO			Ant7		Ant8		Ant7+8	
		Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	18.00	17.75	18.00	16.89	21.00	20.35
		6	2437		18.00	17.89	18.00	17.15	21.00	20.55
		11	2462		18.00	17.65	18.00	17.05	21.00	20.37
	802.11g	1	2412	6Mbps	16.00	Not Required	15.00	Not Required	18.50	Not Required
		6	2437		18.00		18.00			
		11	2462		15.50		15.00		18.30	
	802.11n20-HT0	1	2412	MCS0	16.00		15.00		18.50	
		6	2437		18.00		18.00		21.00	
		11	2462		15.00		14.50		17.80	
	802.11ac20-VHT0	1	2412	MCS0	16.00		15.00		18.50	
		6	2437		18.00		18.00		21.00	
		11	2462		15.00		14.50		17.80	
	802.11ax20-HE0	1	2412	MCS0	15.00		14.00		17.50	
		6	2437		18.00		18.00		21.00	
		11	2462		12.50		12.00		15.30	
	802.11be20-EHT0	1	2412	MCS0	15.00		14.00		17.50	
		6	2437		18.00		18.00		21.00	
		11	2462		12.50		12.00		15.30	
	802.11n40-HT0	3	2422	MCS0	9.50		8.00		11.80	
		6	2437		10.00		9.50		12.80	
		9	2452		8.50		7.00		10.80	
	802.11ac40-VHT0	3	2422	MCS0	9.50		8.00		11.80	
		6	2437		10.00		9.50		12.80	
		9	2452		8.50		7.00		10.80	
	802.11ax40-HE0	3	2422	MCS0	8.50		7.00		10.80	
		6	2437		10.00		8.50		12.30	
		9	2452		18.00		18.00		21.00	
	802.11be40-EHT0	3	2422	MCS0	9.00		7.50		11.30	
		6	2437		10.00		8.50		12.30	
		9	2452		8.50		7.00		10.80	

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MIMO					Ant7		Ant8		Ant7+8				
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.8GHz	802.11a	149	5745	6Mbps	17.00	Not Required	17.00	Not Required	20.00	Not Required			
		157	5785		17.00		20.00						
		165	5825		17.00		20.00						
	802.11n20-HT0	149	5745	MCS0	17.00		17.00		20.00				
		157	5785		17.00		20.00						
		165	5825		17.00		20.00						
	802.11ac20-VHT0	149	5745	MCS0	17.00		17.00		20.00				
		157	5785		17.00		20.00						
		165	5825		17.00		20.00						
	802.11ax20-HE0	149	5745	MCS0	17.00		17.00		20.00				
		157	5785		17.00		20.00						
		165	5825		17.00		20.00						
	802.11be20-EHT0	149	5745	MCS0	17.00		17.00		20.00				
		157	5785		17.00		20.00						
		165	5825		17.00		20.00						
	802.11n40-HT0	151	5755	MCS0	17.00		15.98		17.00		16.98	20.00	19.52
		159	5795		17.00		15.77		17.00		16.78	20.00	19.31
	802.11ac40-VHT0	151	5755	MCS0	17.00		Not Required		17.00		Not Required	20.00	Not Required
		159	5795		17.00				20.00				
	802.11ax40-HE0	151	5755	MCS0	17.00				17.00			20.00	
		159	5795		17.00				20.00				
802.11be40-EHT0	151	5755	MCS0	17.00	17.00	20.00							
	159	5795		17.00	20.00								
802.11ac80-VHT0	155	5775	MCS0	16.00	16.00	19.00							
802.11ax80-HE0	155	5775	MCS0	15.00	15.00	18.00							
802.11be80-EHT0	155	5775	MCS0	15.50	15.00	18.30							

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	19.00	18.86
		6	2437		19.00	18.98
		11	2462		19.00	18.91
	802.11g	1	2412	6Mbps	16.00	Not Required
		6	2437		19.00	
		11	2462		15.50	
	802.11n20-HT0	1	2412	MCS0	16.00	
		6	2437		19.00	
		11	2462		15.00	
	802.11ac20-VHT0	1	2412	MCS0	16.00	
		6	2437		19.00	
		11	2462		15.00	
	802.11ax20-HE0	1	2412	MCS0	15.00	
		6	2437		19.00	
		11	2462		12.50	
	802.11be20-EHT0	1	2412	MCS0	15.00	
		6	2437		19.00	
		11	2462		12.50	
	802.11n40-HT0	3	2422	MCS0	9.50	
		6	2437		10.00	
		9	2452		8.50	
	802.11ac40-VHT0	3	2422	MCS0	9.50	
		6	2437		10.00	
		9	2452		8.50	
	802.11ax40-HE0	3	2422	MCS0	8.50	
		6	2437		10.00	
		8	2447		8.00	
802.11be40-EHT0	3	2422	MCS0	9.00		
	6	2437		10.00		
	9	2452		8.50		

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.00	Not Required
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11n20-HT0	36	5180	MCS0	16.50	
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11ac20-VHT0	36	5180	MCS0	16.50	
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11ax20-HE0	36	5180	MCS0	16.00	
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11be20-EHT0	36	5180	MCS0	16.00	
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11n40-HT0	38	5190	MCS0	14.00	
		46	5230		18.00	
	802.11ac40-VHT0	38	5190	MCS0	14.00	
		46	5230		18.00	
802.11ax40-HE0	38	5190	MCS0	15.00		
	46	5230		18.00		
802.11be40-EHT0	38	5190	MCS0	15.50		
	46	5230		18.00		
802.11ac80-VHT0	42	5210	MCS0	13.50		
802.11ax80-HE0	42	5210	MCS0	13.00		
802.11be80-EHT0	42	5210	MCS0	13.00		
802.11ac160-VHT0	50	5250	MCS0	11.00		
802.11ax160-HE0	50	5250	MCS0	11.50		
802.11be160-EHT0	50	5250	MCS0	11.50		

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.00	Not Required	
		56	5280		19.00		
		60	5300		19.00		
		64	5320		17.00		
	802.11n20-HT0	52	5260	MCS0	19.00		
		56	5280		19.00		
		60	5300		19.00		
		64	5320		16.50		
	802.11ac20-VHT0	52	5260	MCS0	19.00		
		56	5280		19.00		
		60	5300		19.00		
		64	5320		16.50		
	802.11ax20-HE0	52	5260	MCS0	19.50		
		56	5280		19.50		
		60	5300		19.50		
		64	5320		16.50		
	802.11be20-EHT0	52	5260	MCS0	19.50		
		56	5280		19.50		
		60	5300		19.50		
		64	5320		16.50		
	802.11n40-HT0	54	5270	MCS0	18.00		17.98
		62	5310		14.00		13.98
	802.11ac40-VHT0	54	5270	MCS0	20.50		Not Required
		62	5310		14.00		
802.11ax40-HE0	54	5270	MCS0	20.50			
	62	5310		12.50			
802.11be40-EHT0	54	5270	MCS0	20.50			
	62	5310		13.00			
802.11ac80-VHT0	58	5290	MCS0	10.00			
802.11ax80-HE0	58	5290	MCS0	10.00			

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Ant7							
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.6GHz	802.11a	100	5500	6Mbps	15.50	Not Required	
		120	5600		15.50		
		140	5700		15.50		
		144	5720		15.50		
	802.11n20-HT0	100	5500	MCS0	15.50		
		120	5600		15.50		
		140	5700		14.00		
		144	5720		15.50		
	802.11ac20-VHT0	100	5500	MCS0	15.50		
		120	5600		15.50		
		140	5700		14.00		
		144	5720		15.50		
	802.11ax20-HE0	100	5500	MCS0	15.50		
		120	5600		15.50		
		140	5700		13.50		
		144	5720		15.50		
	802.11be20-EHT0	100	5500	MCS0	15.50		
		120	5600		15.50		
		140	5700		13.50		
		144	5720		15.50		
	802.11n40-HT0	102	5510	MCS0	15.50		
		118	5590		15.50		
		134	5670		15.50		
		142	5710		15.50		
	802.11ac40-VHT0	102	5510	MCS0	15.50		
		118	5590		15.50		
		134	5670		15.50		
		142	5710		15.50		
	802.11ax40-HE0	102	5510	MCS0	14.50		
		118	5590		15.50		
		134	5670		15.50		
		142	5710		15.50		
	802.11be40-EHT0	102	5510	MCS0	15.00		
		118	5590		15.50		
		134	5670		15.50		
		142	5710		15.50		
	802.11ac80-VHT0	106	5530	MCS0	13.00		12.98
		122	5610		15.50		15.43
		138	5690		15.50		15.45
	802.11ax80-HE0	106	5530	MCS0	12.50		Not Required
122		5610	15.50				
138		5690	15.50				
802.11be80-EHT0	106	5530	MCS0	12.50			
	122	5610		15.50			
	138	5690		15.50			
802.11ac160-VHT0	114	5570	MCS0	8.50			
802.11ax160-HE0	114	5570	MCS0	11.50			
802.11be160-EHT0	114	5570	MCS0	12.00			

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Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	15.50	Not Required
		157	5785		15.50	
		165	5825		15.50	
	802.11n20-HT0	149	5745	MCS0	15.50	
		157	5785		15.50	
		165	5825		15.50	
	802.11ac20-VHT0	149	5745	MCS0	15.50	
		157	5785		15.50	
		165	5825		15.50	
	802.11ax20-HE0	149	5745	MCS0	15.50	
		157	5785		15.50	
		165	5825		15.50	
	802.11be20-EHT0	149	5745	MCS0	15.50	
		157	5785		15.50	
		165	5825		15.50	
	802.11n40-HT0	151	5755	MCS0	15.50	
		159	5795		15.50	
	802.11ac40-VHT0	151	5755	MCS0	15.50	
159		5795	15.50			
802.11ax40-HE0	151	5755	MCS0	15.50		
	159	5795		15.50		
802.11be40-EHT0	151	5755	MCS0	15.50		
	159	5795		15.50		
802.11ac80-VHT0	155	5775	MCS0	15.50	15.48	
802.11ax80-HE0	155	5775	MCS0	15.00	Not Required	
802.11be80-EHT0	155	5775	MCS0	15.50		

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Ant8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	19.00	18.88
		6	2437		19.00	18.96
		11	2462		19.00	18.99
	802.11g	1	2412	6Mbps	15.00	Not Required
		6	2437		18.00	
		11	2462		15.00	
	802.11n20-HT0	1	2412	MCS0	15.00	
		6	2437		19.00	
		11	2462		14.50	
	802.11ac20-VHT0	1	2412	MCS0	15.00	
		6	2437		19.00	
		11	2462		14.50	
	802.11ax20-HE0	1	2412	MCS0	14.00	
		6	2437		18.50	
		11	2462		12.00	
	802.11be20-EHT0	1	2412	MCS0	14.00	
		6	2437		18.50	
		11	2462		12.00	
	802.11n40-HT0	3	2422	MCS0	8.00	
		6	2437		9.50	
		9	2452		7.00	
	802.11ac40-VHT0	3	2422	MCS0	8.00	
		6	2437		9.50	
		9	2452		7.00	
	802.11ax40-HE0	3	2422	MCS0	7.00	
		6	2437		8.50	
		8	2447		6.50	
	802.11be40-EHT0	3	2422	MCS0	7.50	
		6	2437		8.50	
		9	2452		7.00	

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5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.00	Not Required
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11n20-HT0	36	5180	MCS0	16.00	
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11ac20-VHT0	36	5180	MCS0	16.00	
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11ax20-HE0	36	5180	MCS0	16.00	
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11be20-EHT0	36	5180	MCS0	16.00	
		40	5200		18.00	
		44	5220		18.00	
		48	5240		18.00	
	802.11n40-HT0	38	5190	MCS0	14.00	
		46	5230		18.00	
	802.11ac40-VHT0	38	5190	MCS0	14.00	
		46	5230		18.00	
802.11ax40-HE0	38	5190	MCS0	15.00		
	46	5230		18.00		
802.11be40-EHT0	38	5190	MCS0	15.50		
	46	5230		18.00		
802.11ac80-VHT0	42	5210	MCS0	13.00		
802.11ax80-HE0	42	5210	MCS0	13.00		
802.11be80-EHT0	42	5210	MCS0	13.00		
802.11ac160-VHT0	50	5250	MCS0	10.50		
802.11ax160-HE0	50	5250	MCS0	11.50		
802.11be160-EHT0	50	5250	MCS0	11.50		

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Ant8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	18.00	Not Required
		56	5280		18.00	
		60	5300		18.00	
		64	5320		17.00	
	802.11n20-HT0	52	5260	MCS0	18.00	
		56	5280		18.00	
		60	5300		18.00	
		64	5320		16.00	
	802.11ac20-VHT0	52	5260	MCS0	18.00	
		56	5280		18.00	
		60	5300		18.00	
		64	5320		16.00	
	802.11ax20-HE0	52	5260	MCS0	18.00	
		56	5280		18.00	
		60	5300		18.00	
		64	5320		16.50	
	802.11be20-EHT0	52	5260	MCS0	18.00	
		56	5280		18.00	
		60	5300		18.00	
		64	5320		16.50	
802.11n40-HT0	54	5270	MCS0	18.00	17.99	
	62	5310		13.50	13.48	
802.11ac40-VHT0	54	5270	MCS0	18.00	Not Required	
	62	5310		13.50		
802.11ax40-HE0	54	5270	MCS0	18.00		
	62	5310		12.50		
802.11be40-EHT0	54	5270	MCS0	18.00		
	62	5310		13.00		
802.11ac80-VHT0	58	5290	MCS0	10.00		
802.11ax80-HE0	58	5290	MCS0	9.50		
802.11be80-EHT0	58	5290	MCS0	10.00		

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Ant8							
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.6GHz	802.11a	100	5500	6Mbps	15.50	Not Required	
		120	5600		15.50		
		140	5700		15.50		
		144	5720		15.50		
	802.11n20-HT0	100	5500	MCS0	15.50		
		120	5600		15.50		
		140	5700		13.50		
		144	5720		15.50		
	802.11ac20-VHT0	100	5500	MCS0	15.50		
		120	5600		15.50		
		140	5700		13.50		
		144	5720		15.50		
	802.11ax20-HE0	100	5500	MCS0	15.50		
		120	5600		15.50		
		140	5700		13.50		
		144	5720		15.50		
	802.11be20-EHT0	100	5500	MCS0	15.50		
		120	5600		15.50		
		140	5700		13.50		
		144	5720		15.50		
	802.11n40-HT0	102	5510	MCS0	15.50		
		118	5590		15.50		
		134	5670		15.50		
		142	5710		15.50		
	802.11ac40-VHT0	102	5510	MCS0	15.50		
		118	5590		15.50		
		134	5670		15.50		
		142	5710		15.50		
	802.11ax40-HE0	102	5510	MCS0	14.50		
		118	5590		15.50		
		134	5670		15.00		
		142	5710		15.50		
	802.11be40-EHT0	102	5510	MCS0	15.00		
		118	5590		15.50		
		134	5670		15.00		
		142	5710		15.50		
	802.11ac80-VHT0	106	5530	MCS0	13.00		12.99
		122	5610		15.50		15.45
		138	5690		15.50		15.49
	802.11ax80-HE0	106	5530	MCS0	12.00		Not Required
122		5610	15.50				
138		5690	15.50				
802.11be80-EHT0	106	5530	MCS0	12.00			
	122	5610		15.50			
	138	5690		15.50			
802.11ac160-VHT0	114	5570	MCS0	8.50			
802.11ax160-HE0	114	5570	MCS0	11.00			
802.11be160-EHT0	114	5570	MCS0	11.50			

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Ant8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	15.50	Not Required
		157	5785		15.50	
		165	5825		15.50	
	802.11n20-HT0	149	5745	MCS0	15.50	
		157	5785		15.50	
		165	5825		15.50	
	802.11ac20-VHT0	149	5745	MCS0	15.50	
		157	5785		15.50	
		165	5825		15.50	
	802.11ax20-HE0	149	5745	MCS0	15.50	
		157	5785		15.50	
		165	5825		15.50	
	802.11be20-EHT0	149	5745	MCS0	15.50	
		157	5785		15.50	
		165	5825		15.50	
	802.11n40-HT0	151	5755	MCS0	15.50	
		159	5795		15.50	
	802.11ac40-VHT0	151	5755	MCS0	15.50	
159		5795	15.50			
802.11ax40-HE0	151	5755	MCS0	15.50		
	159	5795		15.50		
802.11be40-EHT0	151	5755	MCS0	15.50		
	159	5795		15.50		
802.11ac80-VHT0	155	5775	MCS0	15.50	15.49	
802.11ax80-HE0	155	5775	MCS0	15.00	Not Required	
802.11be80-EHT0	155	5775	MCS0	15.00		

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	16.00	15.98
		6	2437		16.00	15.92
		11	2462		16.00	15.85
	802.11g	1	2412	6Mbps	16.00	Not Required
		6	2437		16.00	
		11	2462		15.50	
	802.11n20-HT0	1	2412	MCS0	16.00	
		6	2437		16.00	
		11	2462		15.00	
	802.11ac20-VHT0	1	2412	MCS0	16.00	
		6	2437		16.00	
		11	2462		15.00	
	802.11ax20-HE0	1	2412	MCS0	15.00	
		6	2437		16.00	
		11	2462		12.50	
	802.11be20-EHT0	1	2412	MCS0	15.00	
		6	2437		16.00	
		11	2462		12.50	
	802.11n40-HT0	3	2422	MCS0	9.50	
		6	2437		10.00	
		9	2452		8.50	
	802.11ac40-VHT0	3	2422	MCS0	9.50	
		6	2437		10.00	
		9	2452		8.50	
	802.11ax40-HE0	3	2422	MCS0	8.50	
		6	2437		10.00	
		8	2447		8.00	
	802.11be40-EHT0	3	2422	MCS0	9.00	
		6	2437		10.00	
		9	2452		8.50	

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	15.00	Not Required
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11n20-HT0	36	5180	MCS0	15.00	
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11ac20-VHT0	36	5180	MCS0	15.00	
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11ax20-HE0	36	5180	MCS0	15.00	
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11be20-EHT0	36	5180	MCS0	15.00	
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11n40-HT0	38	5190	MCS0	14.00	
		46	5230		15.00	
	802.11ac40-VHT0	38	5190	MCS0	14.00	
		46	5230		15.00	
802.11ax40-HE0	38	5190	MCS0	15.00		
	46	5230		15.00		
802.11be40-EHT0	38	5190	MCS0	15.00		
	46	5230		15.00		
802.11ac80-VHT0	42	5210	MCS0	13.50		
802.11ax80-HE0	42	5210	MCS0	13.00		
802.11be80-EHT0	42	5210	MCS0	13.00		
802.11ac160-VHT0	50	5250	MCS0	11.00		
802.11ax160-HE0	50	5250	MCS0	11.50		
802.11be160-EHT0	50	5250	MCS0	11.50		

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.00	Not Required
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11n20-HT0	52	5260	MCS0	15.00	
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11ac20-VHT0	52	5260	MCS0	15.00	
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11ax20-HE0	52	5260	MCS0	15.00	
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11be20-EHT0	52	5260	MCS0	15.00	
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
802.11n40-HT0	54	5270	MCS0	15.00	14.98	
	62	5310		14.00	13.98	
802.11ac40-VHT0	54	5270	MCS0	15.00	Not Required	
	62	5310		14.00		
802.11ax40-HE0	54	5270	MCS0	15.00		
	62	5310		12.50		
802.11be40-EHT0	54	5270	MCS0	15.00		
	62	5310		13.00		
802.11ac80-VHT0	58	5290	MCS0	10.00		
802.11ax80-HE0	58	5290	MCS0	10.00		

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.6GHz	802.11a	100	5500	6Mbps	12.50	Not Required	
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11n20-HT0	100	5500	MCS0	12.50		
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11ac20-VHT0	100	5500	MCS0	12.50		
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11ax20-HE0	100	5500	MCS0	12.50		
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11be20-EHT0	100	5500	MCS0	12.50		
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11n40-HT0	102	5510	MCS0	12.50		
		118	5590		12.50		
		134	5670		12.50		
		142	5710		12.50		
	802.11ac40-VHT0	102	5510	MCS0	12.50		
		118	5590		12.50		
		134	5670		12.50		
		142	5710		12.50		
	802.11ax40-HE0	102	5510	MCS0	12.50		
		118	5590		12.50		
		134	5670		12.50		
		142	5710		12.50		
	802.11be40-EHT0	102	5510	MCS0	12.50		
		118	5590		12.50		
		134	5670		12.50		
		142	5710		12.50		
	802.11ac80-VHT0	106	5530	MCS0	12.50		12.25
		122	5610		12.50		12.33
		138	5690		12.50		12.45
	802.11ax80-HE0	106	5530	MCS0	12.50		Not Required
122		5610	12.50				
138		5690	12.50				
802.11be80-EHT0	106	5530	MCS0	12.50			
	122	5610		12.50			
	138	5690		12.50			
802.11ac160-VHT0	114	5570	MCS0	8.50			
802.11ax160-HE0	114	5570	MCS0	11.50			
802.11be160-EHT0	114	5570	MCS0	12.00			

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Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	12.50	Not Required
		157	5785		12.50	
		165	5825		12.50	
	802.11n20-HT0	149	5745	MCS0	12.50	
		157	5785		12.50	
		165	5825		12.50	
	802.11ac20-VHT0	149	5745	MCS0	12.50	
		157	5785		12.50	
		165	5825		12.50	
	802.11ax20-HE0	149	5745	MCS0	12.50	
		157	5785		12.50	
		165	5825		12.50	
	802.11be20-EHT0	149	5745	MCS0	12.50	
		157	5785		12.50	
		165	5825		12.50	
	802.11n40-HT0	151	5755	MCS0	12.50	
		159	5795		12.50	
	802.11ac40-VHT0	151	5755	MCS0	12.50	
159		5795	12.50			
802.11ax40-HE0	151	5755	MCS0	12.50		
	159	5795		12.50		
802.11be40-EHT0	151	5755	MCS0	12.50		
	159	5795		12.50		
802.11ac80-VHT0	155	5775	MCS0	12.50	12.44	
802.11ax80-HE0	155	5775	MCS0	12.50	Not Required	
802.11be80-EHT0	155	5775	MCS0	12.50		

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Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	16.00	15.95
		6	2437		16.00	15.65
		11	2462		16.00	15.86
	802.11g	1	2412	6Mbps	15.00	Not Required
		6	2437		16.00	
		11	2462		15.00	
	802.11n20-HT0	1	2412	MCS0	15.00	
		6	2437		16.00	
		11	2462		14.50	
	802.11ac20-VHT0	1	2412	MCS0	15.00	
		6	2437		16.00	
		11	2462		14.50	
	802.11ax20-HE0	1	2412	MCS0	14.00	
		6	2437		16.00	
		11	2462		12.00	
	802.11be20-EHT0	1	2412	MCS0	14.00	
		6	2437		16.00	
		11	2462		12.00	
	802.11n40-HT0	3	2422	MCS0	8.00	
		6	2437		9.50	
		9	2452		7.00	
	802.11ac40-VHT0	3	2422	MCS0	8.00	
		6	2437		9.50	
		9	2452		7.00	
	802.11ax40-HE0	3	2422	MCS0	7.00	
		6	2437		8.50	
		8	2447		6.50	
	802.11be40-EHT0	3	2422	MCS0	7.50	
		6	2437		8.50	
		9	2452		7.00	

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Ant8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	15.00	Not Required
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11n20-HT0	36	5180	MCS0	15.00	
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11ac20-VHT0	36	5180	MCS0	15.00	
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11ax20-HE0	36	5180	MCS0	15.00	
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11be20-EHT0	36	5180	MCS0	15.00	
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11n40-HT0	38	5190	MCS0	14.00	
		46	5230		15.00	
	802.11ac40-VHT0	38	5190	MCS0	14.00	
		46	5230		15.00	
802.11ax40-HE0	38	5190	MCS0	15.00		
	46	5230		15.00		
802.11be40-EHT0	38	5190	MCS0	15.00		
	46	5230		15.00		
802.11ac80-VHT0	42	5210	MCS0	13.00		
802.11ax80-HE0	42	5210	MCS0	13.00		
802.11be80-EHT0	42	5210	MCS0	13.00		
802.11ac160-VHT0	50	5250	MCS0	10.50		
802.11ax160-HE0	50	5250	MCS0	11.50		
802.11be160-EHT0	50	5250	MCS0	11.50		

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Ant8						
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5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.00	Not Required
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11n20-HT0	52	5260	MCS0	15.00	
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11ac20-VHT0	52	5260	MCS0	15.00	
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11ax20-HE0	52	5260	MCS0	15.00	
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11be20-EHT0	52	5260	MCS0	15.00	
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
802.11n40-HT0	54	5270	MCS0	15.00	14.86	
	62	5310		13.50	13.48	
802.11ac40-VHT0	54	5270	MCS0	15.00	Not Required	
	62	5310		13.50		
802.11ax40-HE0	54	5270	MCS0	15.00		
	62	5310		12.50		
802.11be40-EHT0	54	5270	MCS0	15.00		
	62	5310		13.00		
802.11ac80-VHT0	58	5290	MCS0	10.00		
802.11ax80-HE0	58	5290	MCS0	9.50		

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Ant8							
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
5.6GHz	802.11a	100	5500	6Mbps	12.50	Not Required	
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11n20-HT0	100	5500	MCS0	12.50		
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11ac20-VHT0	100	5500	MCS0	12.50		
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11ax20-HE0	100	5500	MCS0	12.50		
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11be20-EHT0	100	5500	MCS0	12.50		
		120	5600		12.50		
		140	5700		12.50		
		144	5720		12.50		
	802.11n40-HT0	102	5510	MCS0	12.50		
		118	5590		12.50		
		134	5670		12.50		
		142	5710		12.50		
	802.11ac40-VHT0	102	5510	MCS0	12.50		
		118	5590		12.50		
		134	5670		12.50		
		142	5710		12.50		
	802.11ax40-HE0	102	5510	MCS0	12.50		
		118	5590		12.50		
		134	5670		12.50		
		142	5710		12.50		
	802.11be40-EHT0	102	5510	MCS0	12.50		
		118	5590		12.50		
		134	5670		12.50		
		142	5710		12.50		
	802.11ac80-VHT0	106	5530	MCS0	12.50		12.33
		122	5610		12.50		12.41
		138	5690		12.50		12.49
	802.11ax80-HE0	106	5530	MCS0	12.00		Not Required
122		5610	12.50				
138		5690	12.50				
802.11be80-EHT0	106	5530	MCS0	12.00			
	122	5610		12.50			
	138	5690		12.50			
802.11ac160-VHT0	114	5570	MCS0	8.50			
802.11ax160-HE0	114	5570	MCS0	11.00			
802.11be160-EHT0	114	5570	MCS0	11.50			

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Ant8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	12.50	Not Required
		157	5785		12.50	
		165	5825		12.50	
	802.11n20-HT0	149	5745	MCS0	12.50	
		157	5785		12.50	
		165	5825		12.50	
	802.11ac20-VHT0	149	5745	MCS0	12.50	
		157	5785		12.50	
		165	5825		12.50	
	802.11ax20-HE0	149	5745	MCS0	12.50	
		157	5785		12.50	
		165	5825		12.50	
	802.11be20-EHT0	149	5745	MCS0	12.50	
		157	5785		12.50	
		165	5825		12.50	
	802.11n40-HT0	151	5755	MCS0	12.50	
		159	5795		12.50	
	802.11ac40-VHT0	151	5755	MCS0	12.50	
		159	5795		12.50	
	802.11ax40-HE0	151	5755	MCS0	12.50	
		159	5795		12.50	
802.11be40-EHT0	151	5755	MCS0	12.50		
	159	5795		12.50		
802.11ac80-VHT0	155	5775	MCS0	12.50	12.49	
802.11ax80-HE0	155	5775	MCS0	12.50	Not Required	

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MIMO\_DSI1

MIMO					Ant7		Ant8		Ant7+8		
Band	Mode	Channel	Frequency (MHz)	Data Rate	Set	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps		19.00	Not Required	19.00	Not Required	22.00	Not Required
		2	2417		19.00	22.00					
		6	2437		19.00	22.00					
		10	2457		18.67	21.14					
	802.11g	11	2462	6Mbps		19.00		19.00		22.00	
		1	2412		16.00	18.50					
		6	2437		19.00	21.50					
	802.11n20-HT0	11	2462	MCS0		15.50		15.00		18.30	
		1	2412		16.00	18.50					
		6	2437		19.00	22.00					
	802.11ac20-VHT0	11	2462	MCS0		15.00		14.50		17.80	
		1	2412		16.00	17.80					
		6	2437		19.00	22.00					
	802.11ax20-HE0	11	2462	MCS0		15.00		14.00		17.50	
		1	2412		19.00	21.80					
		6	2437		12.50	15.30					
	802.11be20-EHT0	11	2462	MCS0		15.00	Not Required	14.00	Not Required	17.50	Not Required
		6	2437		19.00	21.80					
		11	2462		12.50	15.30					
	802.11n40-HT0	3	2422	MCS0		9.50		8.00		11.80	
		6	2437		10.00	12.80					
		9	2452		8.50	10.80					
	802.11ac40-VHT0	3	2422	MCS0		9.50		8.00		11.80	
		6	2437		10.00	12.80					
		9	2452		8.50	10.80					
	802.11ax40-HE0	3	2422	MCS0		8.50		7.00		10.80	
		6	2437		10.00	12.30					
		8	2447		8.00	10.30					
	802.11be40-EHT0	3	2422	MCS0		9.00		7.50		11.30	
		6	2437		10.00	12.30					
		9	2452		8.50	10.80					

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MIMO					Ant7		Ant8		Ant7+8					
Band	Mode	Channel	Frequency (MHz)	Data Rate	Set	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.15-5.25 GHz	802.11a	36	5180	6Mbps		16.00	Not Required	16.00	Not Required	19.00	Not Required			
		40	5200		18.00	21.00								
		44	5220		18.00	21.00								
		48	5240		18.00	21.00								
	802.11n20-HT0	36	5180	MCS0		16.50		16.00		19.30				
		40	5200		18.00	21.00								
		44	5220		18.00	21.00								
		48	5240		18.00	21.00								
	802.11ac20-VHT0	36	5180	MCS0		16.50		16.00		19.30				
		40	5200		18.00	21.00								
		44	5220		18.00	21.00								
		48	5240		18.00	21.00								
	802.11ax20-HE0	36	5180	MCS0		16.00		16.00		19.00				
		40	5200		18.00	21.00								
		44	5220		18.00	21.00								
		48	5240		18.00	21.00								
	802.11be20-EHT0	36	5180	MCS0		16.00		16.00		19.00				
		40	5200		18.00	21.00								
		44	5220		18.00	21.00								
		48	5240		18.00	21.00								
	802.11n40-HT0	38	5190	MCS0		14.00		12.17		14.00		13.99	17.00	16.18
		46	5230		18.00	16.26		18.00		17.99		21.00	20.22	
	802.11ac40-VHT0	38	5190	MCS0		14.00		Not Required		14.00		Not Required	17.00	Not Required
		46	5230		18.00	21.00								
802.11ax40-HE0	38	5190	MCS0		15.00	15.00	18.00							
	46	5230		18.00	21.00									
802.11be40-EHT0	38	5190	MCS0		15.50	15.50	18.50							
	46	5230		18.00	21.00									
802.11ac80-VHT0	42	5210	MCS0		13.50	13.00	16.30							
802.11ax80-HE0	42	5210	MCS0		13.00	13.00	16.00							
802.11be80-EHT0	42	5210	MCS0		13.00	13.00	16.00							
802.11ac160-VHT0	50	5250	MCS0	22.000	11.00	10.50	13.80							
802.11ax160-HE0	50	5250	MCS0		11.50	11.50	14.50							
802.11be160-EHT0	50	5250	MCS0		11.50	11.50	14.50							

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MIMO					Ant7		Ant8		Ant7+8					
Band	Mode	Channel	Frequency (MHz)	Data Rate	Set	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.25-5.35 GHz	802.11a	52	5260	6Mbps		19.00	Not Required	18.00	Not Required	21.50	Not Required			
		56	5280		19.00	18.00		21.50						
		60	5300		19.00	18.00		21.50						
		64	5320		17.00	17.00		20.00						
	802.11n20-HT0	52	5260	MCS0		19.00		18.00		21.50				
		56	5280		19.00	18.00		21.50						
		60	5300		19.00	18.00		21.50						
		64	5320		16.50	16.00		19.30						
	802.11ac20-VHT0	52	5260	MCS0		19.00		18.00		21.50				
		56	5280		19.00	18.00		21.50						
		60	5300		19.00	18.00		21.50						
		64	5320		16.50	16.00		19.30						
	802.11ax20-HE0	52	5260	MCS0		19.50		18.00		21.80				
		56	5280		19.50	18.00		21.80						
		60	5300		19.50	18.00		21.80						
		64	5320		16.50	16.50		19.50						
	802.11be20-EHT0	52	5260	MCS0		19.50		18.00		21.80				
		56	5280		19.50	18.00		21.80						
		60	5300		19.50	18.00		21.80						
		64	5320		16.50	16.50		19.50						
	802.11n40-HT0	54	5270	MCS0		18.00		16.23		18.00		17.98	21.00	20.20
		62	5310		14.00	11.22		13.50		13.42		16.80	15.47	
	802.11ac40-VHT0	54	5270	MCS0		20.50		18.00		22.40				
		62	5310		14.00	13.50		16.80						
	802.11ax40-HE0	54	5270	MCS0		20.50		18.00		22.40				
		62	5310		12.50	12.50		15.50						
	802.11be40-EHT0	54	5270	MCS0		20.50		18.00		22.40				
		62	5310		13.00	13.00		16.00						
802.11ac80-VHT0	58	5290	MCS0	22.000	10.00	10.00	13.00							
802.11ax80-HE0	58	5290	MCS0		10.00	9.50	12.80							

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MIMO					Ant7		Ant8		Ant7+8					
Band	Mode	Channel	Frequency (MHz)	Data Rate	Set	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.6GHz	802.11a	100	5500	6Mbps		15.50	Not Required	15.50	Not Required	18.50	Not Required			
		120	5600			15.50		18.50						
		140	5700			15.50		18.50						
		144	5720			15.50		18.50						
	802.11n20-HT0	100	5500	MCS0		15.50		15.50		18.50				
		120	5600			15.50		18.50						
		140	5700			14.00		16.80						
		144	5720			15.50		18.50						
	802.11ac20-VHT0	100	5500	MCS0		15.50		15.50		18.50				
		120	5600			15.50		18.50						
		140	5700			14.00		16.80						
		144	5720			15.50		18.50						
	802.11ax20-HE0	100	5500	MCS0		15.50		15.50		18.50				
		120	5600			15.50		18.50						
		140	5700			13.50		16.50						
		144	5720			15.50		18.50						
	802.11be20-EHT0	100	5500	MCS0		15.50		15.50		18.50				
		120	5600			15.50		18.50						
		140	5700			13.50		16.50						
		144	5720			15.50		18.50						
	802.11n40-HT0	102	5510	MCS0		15.50		15.50		18.50				
		118	5590			15.50		18.50						
		134	5670			15.50		18.50						
		142	5710			15.50		18.50						
	802.11ac40-VHT0	102	5510	MCS0		15.50		15.50		18.50				
		118	5590			15.50		18.50						
		134	5670			15.50		18.50						
		142	5710			15.50		18.50						
	802.11ax40-HE0	102	5510	MCS0		14.50		14.50		17.50				
		118	5590			15.50		18.50						
		134	5670			15.00		18.30						
		142	5710			15.50		18.50						
	802.11be40-EHT0	102	5510	MCS0		15.00		15.00		18.00				
		118	5590			15.50		18.50						
		134	5670			15.00		18.30						
		142	5710			15.50		18.50						
	802.11ac80-VHT0	106	5530	MCS0		13.00		10.91		12.72		16.00	14.92	
		122	5610			15.50		13.15		15.50		15.43	18.50	17.45
		138	5690			15.50		13.39		15.50		15.49	18.50	17.58
	802.11ax80-HE0	106	5530	MCS0		12.50				12.00			15.30	
		122	5610			15.50				15.50			18.50	
		138	5690			15.50				15.50			18.50	
	802.11be80-EHT0	106	5530	MCS0		12.50				12.00			15.30	
		122	5610			15.50		Not Required		15.50		Not Required	18.50	Not Required
		138	5690			15.50				15.50			18.50	
	802.11ac160-VHT0	114	5570	MCS0	22.000	8.50				8.50			11.50	
	802.11ax160-HE0	114	5570	MCS0		11.50				11.00			14.30	
	802.11be160-EHT0	114	5570	MCS0		12.00				11.50			14.80	

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Mode	MIMO					Ant7		Ant8		Ant7+8	
	Mode	Channel	Frequency (MHz)	Data Rate	Set	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps		15.50	Not Required	15.50	Not Required	18.50	Not Required
		157	5785		15.50	18.50					
		165	5825		15.50	18.50					
	802.11n20-HT0	149	5745	MCS0		15.50		15.50		18.50	
		157	5785		15.50	18.50					
		165	5825		15.50	18.50					
	802.11ac20-VHT0	149	5745	MCS0		15.50		15.50		18.50	
		157	5785		15.50	18.50					
		165	5825		15.50	18.50					
	802.11ax20-HE0	149	5745	MCS0		15.50		15.50		18.50	
		157	5785		15.50	18.50					
		165	5825		15.50	18.50					
	802.11be20-EHT0	149	5745	MCS0		15.50		15.50		18.50	
		157	5785		15.50	18.50					
		165	5825		15.50	18.50					
	802.11n40-HT0	151	5755	MCS0		15.50		15.50		18.50	
		159	5795		15.50	18.50					
	802.11ac40-VHT0	151	5755	MCS0		15.50		15.50		18.50	
		159	5795		15.50	18.50					
	802.11ax40-HE0	151	5755	MCS0		15.50		15.50		18.50	
159		5795	15.50		18.50						
802.11be40-EHT0	151	5755	MCS0		15.50	15.50	18.50				
	159	5795		15.50	18.50						
802.11ac80-VHT0	155	5775	MCS0	22.000	15.50	14.42	15.50	15.48	18.50	17.99	
802.11ax80-HE0	155	5775	MCS0		15.00	Not Required	15.00	Not Required	18.00	Not Required	

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MIMO\_DSI2

MIMO					Ant7		Ant8		Ant7+8		
Band	Mode	Channel	Frequency (MHz)	Data Rate	Set	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps		16.00	Not Required	16.00	Not Required	19.00	Not Required
		2	2417		16.00	19.00					
		6	2437		16.00	19.00					
		10	2457		16.00	19.00					
	802.11g	11	2462	6Mbps		15.86	16.00	14.66	19.00	18.31	
		1	2412		16.00	19.00					
		6	2437		16.00	19.00					
	802.11n20-HT0	11	2462	MCS0		15.50	15.00	18.30			
		1	2412		16.00	18.50					
		6	2437		16.00	19.00					
	802.11ac20-VHT0	11	2462	MCS0		15.00	14.50	17.80			
		1	2412		15.00	17.50					
		6	2437		16.00	19.00					
	802.11ax20-HE0	11	2462	MCS0		12.50	12.00	15.30			
		1	2412		15.00	17.50					
		6	2437		16.00	19.00					
	802.11be20-EHT0	11	2462	MCS0		12.50	12.00	15.30			
		1	2412		15.00	17.50					
		6	2437		16.00	19.00					
	802.11n40-HT0	3	2422	MCS0		9.50	8.00	11.80			
		6	2437		10.00	12.80					
		9	2452		8.50	10.80					
	802.11ac40-VHT0	3	2422	MCS0		9.50	8.00	11.80			
		6	2437		10.00	12.80					
		9	2452		8.50	10.80					
	802.11ax40-HE0	3	2422	MCS0		8.50	7.00	10.80			
		6	2437		10.00	12.30					
		8	2447		8.00	10.30					
	802.11be40-EHT0	3	2422	MCS0		9.00	7.50	11.30			
		6	2437		10.00	12.30					
		9	2452		8.50	10.80					

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5.15-5.25 GHz	802.11a	36	5180	6Mbps		15.00	Not Required	15.00	Not Required	18.00	Not Required			
		40	5200		15.00	18.00								
		44	5220		15.00	18.00								
		48	5240		15.00	18.00								
	802.11n20-HT0	36	5180	MCS0		15.00		15.00		18.00				
		40	5200		15.00	18.00								
		44	5220		15.00	18.00								
		48	5240		15.00	18.00								
	802.11ac20-VHT0	36	5180	MCS0		15.00		15.00		18.00				
		40	5200		15.00	18.00								
		44	5220		15.00	18.00								
		48	5240		15.00	18.00								
	802.11ax20-HE0	36	5180	MCS0		15.00		15.00		18.00				
		40	5200		15.00	18.00								
		44	5220		15.00	18.00								
		48	5240		15.00	18.00								
	802.11be20-EHT0	36	5180	MCS0		15.00		15.00		18.00				
		40	5200		15.00	18.00								
		44	5220		15.00	18.00								
		48	5240		15.00	18.00								
	802.11n40-HT0	38	5190	MCS0		14.00		14.00		17.00				
	802.11ac40-VHT0	46	5230	MCS0		15.00		13.33		15.00		14.68	18.00	17.07
		38	5190		14.00	17.00								
	802.11ax40-HE0	46	5230	MCS0		15.00		15.00		18.00				
		38	5190		15.00	18.00								
	802.11be40-EHT0	46	5230	MCS0		15.00		15.00		18.00				
		38	5190		15.00	18.00								
	802.11ac80-VHT0	42	5210	MCS0		13.50		Not Required		13.00		Not Required	16.30	Not Required
802.11ax80-HE0	42	5210	MCS0		13.00	13.00	16.00							
802.11be80-EHT0	42	5210	MCS0		13.00	13.00	16.00							
802.11ac160-VHT0	50	5250	MCS0	22.000	11.00	10.50	13.80							
802.11ax160-HE0	50	5250	MCS0		11.50	11.50	14.50							
802.11be160-EHT0	50	5250	MCS0		11.50	11.50	14.50							

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	Mode	Channel	Frequency (MHz)	Data Rate		Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
5.25-5.35 GHz	802.11a	52	5260	6Mbps		15.00	Not Required	15.00	Not Required	18.00	Not Required			
		56	5280		15.00	18.00								
		60	5300		15.00	18.00								
		64	5320		15.00	18.00								
	802.11n20-HT0	52	5260	MCS0		15.00		15.00		18.00				
		56	5280		15.00	18.00								
		60	5300		15.00	18.00								
		64	5320		15.00	18.00								
	802.11ac20-VHT0	52	5260	MCS0		15.00		15.00		18.00				
		56	5280		15.00	18.00								
		60	5300		15.00	18.00								
		64	5320		15.00	18.00								
	802.11ax20-HE0	52	5260	MCS0		15.00		15.00		18.00				
		56	5280		15.00	18.00								
		60	5300		15.00	18.00								
		64	5320		15.00	18.00								
	802.11be20-EHT0	52	5260	MCS0		15.00		15.00		18.00				
		56	5280		15.00	18.00								
		60	5300		15.00	18.00								
		64	5320		15.00	18.00								
	802.11n40-HT0	54	5270	MCS0		15.00		13.55		15.00		14.85	18.00	17.26
		62	5310		14.00	13.50		16.80						
	802.11ac40-VHT0	54	5270	MCS0		15.00		15.00		15.00		18.00	18.00	
		62	5310		14.00	13.50		16.80						
	802.11ax40-HE0	54	5270	MCS0		15.00		15.00		15.00		18.00	18.00	
		62	5310		12.50	12.50		15.50						
	802.11be40-EHT0	54	5270	MCS0		15.00		15.00		15.00		18.00	18.00	
		62	5310		13.00	13.00		16.00						
802.11ac80-VHT0	58	5290	MCS0	22.000	10.00	10.00	10.00	13.00	13.00					
802.11ax80-HE0	58	5290	MCS0		10.00	9.50	9.50	12.80	12.80					

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5.6GHz	802.11a	100	5500	6Mbps		12.50	Not Required	12.50	Not Required	15.50	Not Required			
		120	5600			12.50		15.50						
		140	5700			12.50		15.50						
		144	5720			12.50		15.50						
	802.11n20-HT0	100	5500	MCS0		12.50		12.50		15.50				
		120	5600			12.50		15.50						
		140	5700			12.50		15.50						
		144	5720			12.50		15.50						
	802.11ac20-VHT0	100	5500	MCS0		12.50		12.50		15.50				
		120	5600			12.50		15.50						
		140	5700			12.50		15.50						
		144	5720			12.50		15.50						
	802.11ax20-HE0	100	5500	MCS0		12.50		12.50		15.50				
		120	5600			12.50		15.50						
		140	5700			12.50		15.50						
		144	5720			12.50		15.50						
	802.11be20-EHT0	100	5500	MCS0		12.50		12.50		15.50				
		120	5600			12.50		15.50						
		140	5700			12.50		15.50						
		144	5720			12.50		15.50						
	802.11n40-HT0	102	5510	MCS0		12.50		12.50		15.50				
		118	5590			12.50		15.50						
		134	5670			12.50		15.50						
		142	5710			12.50		15.50						
	802.11ac40-VHT0	102	5510	MCS0		12.50		12.50		15.50				
		118	5590			12.50		15.50						
		134	5670			12.50		15.50						
		142	5710			12.50		15.50						
	802.11ax40-HE0	102	5510	MCS0		12.50		12.50		15.50				
		118	5590			12.50		15.50						
		134	5670			12.50		15.50						
		142	5710			12.50		15.50						
	802.11be40-EHT0	102	5510	MCS0		12.50		12.50		15.50				
		118	5590			12.50		15.50						
		134	5670			12.50		15.50						
		142	5710			12.50		15.50						
	802.11ac80-VHT0	106	5530	MCS0		12.50		10.05		12.50		12.05	15.50	14.17
		122	5610			12.50		10.55		12.50		12.38	15.50	14.57
		138	5690			12.50		10.52		12.50		12.42	15.50	14.58
	802.11ax80-HE0	106	5530	MCS0		12.50		Not Required		12.00		Not Required	15.30	Not Required
122		5610			12.50	15.50								
138		5690			12.50	15.50								
802.11be80-EHT0	106	5530	MCS0		12.50	12.00	15.30							
	122	5610			12.50	15.50								
	138	5690			12.50	15.50								
802.11ac160-VHT0	114	5570	MCS0	22.000	8.50	8.50	11.50							
802.11ax160-HE0	114	5570	MCS0		11.50	11.00	14.30							
802.11be160-EHT0	114	5570	MCS0		12.00	11.50	14.80							

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MIMO					Ant7		Ant8		Ant7+8		
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Set	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps		12.50	Not Required	12.50	Not Required	15.50	Not Required
		157	5785			12.50		15.50			
		165	5825			12.50		15.50			
	802.11n20-HT0	149	5745	MCS0		12.50		12.50		15.50	
		157	5785			12.50		15.50			
		165	5825			12.50		15.50			
	802.11ac20-VHT0	149	5745	MCS0		12.50		12.50		15.50	
		157	5785			12.50		15.50			
		165	5825			12.50		15.50			
	802.11ax20-HE0	149	5745	MCS0		12.50		12.50		15.50	
		157	5785			12.50		15.50			
		165	5825			12.50		15.50			
	802.11be20-EHT0	149	5745	MCS0		12.50		12.50		15.50	
		157	5785			12.50		15.50			
		165	5825			12.50		15.50			
	802.11n40-HT0	151	5755	MCS0		12.50		12.50		15.50	
		159	5795			12.50		15.50			
		151	5755			12.50		15.50			
	802.11ac40-VHT0	151	5755	MCS0		12.50		12.50		15.50	
		159	5795			12.50		15.50			
151		5755			12.50	15.50					
802.11ax40-HE0	151	5755	MCS0		12.50	12.50	15.50				
	159	5795			12.50	15.50					
	151	5755			12.50	15.50					
802.11be40-EHT0	151	5755	MCS0		12.50	12.50	15.50				
	159	5795			12.50	15.50					
	155	5775			12.50	15.50					
802.11ac80-VHT0	155	5775	MCS0	22.000	12.50	11.62	12.50	12.41	15.50	15.04	
802.11ax80-HE0	155	5775	MCS0		12.50	Not Required	12.50	Not Required	15.50	Not Required	
802.11be80-EHT0	155	5775	MCS0		12.50		12.50		15.50		

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.00	Not Required
		45	6175		4.00	
		93	6415		4.00	
	802.11n20-HT0	1	5955	MCS0	4.50	
		45	6175		5.00	
		93	6415		4.50	
	802.11ac20-VHT0	1	5955	MCS0	4.50	
		45	6175		4.50	
		93	6415		4.50	
	802.11ax20-HE0	1	5955	MCS0	4.50	
		45	6175		4.50	
		93	6415		4.50	
	802.11be20-EHT0	1	5955	MCS0	4.50	
		45	6175		5.00	
		93	6415		4.50	
	802.11n40-HT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac40-VHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ax40-HE0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11be40-EHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac80-VHT0	7	5985	MCS0	10.00	
		39	6145		10.00	
		87	6385		10.00	
802.11ax80-HE0	7	5985	MCS0	10.00		
	39	6145		10.00		
	87	6385		10.00		
802.11be80-EHT0	7	5985	MCS0	10.00		
	39	6145		10.00		
	87	6385		9.50		
802.11ac160-VHT0	15	6025	MCS0	12.00		
	47	6185		12.00		
	79	6345		12.00		
802.11ax160-HE0	15	6025	MCS0	12.00		
	47	6185		12.00		
	79	6345		12.00		
802.11be160-EHT0	15	6025	MCS0	12.00		
	47	6185		12.00		
	79	6345		11.50		
802.11be320-EHT0	31	6105	MCS0	15.00	14.99	
	63	6265		14.50	14.48	

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required
		105	6475		9.00	
		113	6515		9.00	
	802.11n20-HT0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11ac20-VHT0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11ax20-HE0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11be20-EHT0	97	6435	MCS0	10.50	
		105	6475		10.00	
		113	6515		10.00	
	802.11n40-HT0	99	6445	MCS0	12.50	
		107	6485		12.50	
	802.11ac40-VHT0	99	6445	MCS0	12.50	
		107	6485		12.50	
	802.11ax40-HE0	99	6445	MCS0	12.50	
		107	6485		12.50	
802.11be40-EHT0	99	6445	MCS0	12.50		
	107	6485		12.50		
802.11ac80-VHT0	103	6465	MCS0	15.50		
	119	6545		16.50		
802.11ax80-HE0	103	6465	MCS0	15.50		
	119	6545		16.50		
802.11be80-EHT0	103	6465	MCS0	15.50		
	119	6545		16.00		
802.11ac160-VHT0	111	6505	MCS0	20.00	19.98	
802.11ax160-HE0	111	6505	MCS0	20.00	Not Required	
802.11be160-EHT0	111	6505	MCS0	19.50		
802.11be320-EHT0	95	6425	MCS0	17.00		

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.50	Not Required
		149	6695		9.50	
		181	6855		10.50	
	802.11n20-HT0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11ac20-VHT0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11ax20-HE0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11be20-EHT0	117	6535	MCS0	9.50	
		149	6695		10.50	
		181	6855		10.50	
	802.11n40-HT0	115	6525	MCS0	15.50	
		147	6685		13.00	
		179	6845		13.00	
	802.11ac40-VHT0	115	6525	MCS0	15.00	
		147	6685		13.00	
		179	6845		13.00	
	802.11ax40-HE0	115	6525	MCS0	15.00	
		147	6685		13.00	
		179	6845		13.00	
	802.11be40-EHT0	115	6525	MCS0	14.50	
		147	6685		13.00	
		179	6845		13.50	
	802.11ac80-VHT0	135	6625	MCS0	15.50	
		151	6705		15.50	
		167	6785		16.00	
802.11ax80-HE0	135	6625	MCS0	15.50		
	151	6705		15.50		
	167	6785		16.00		
802.11be80-EHT0	135	6625	MCS0	15.00		
	151	6705		15.50		
	167	6785		15.50		
802.11ac160-VHT0	143	6665	MCS0	17.50		
	175	6825		18.00		
802.11ax160-HE0	143	6665	MCS0	17.50		
	175	6825		18.00		
802.11be160-EHT0	143	6665	MCS0	17.00		
	175	6825		18.50		
802.11be320-EHT0	127	6585	MCS0	19.00	18.97	
	159	6745		19.00	18.87	

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Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	13.00	Not Required
		209	6995		10.50	
		233	7115		6.50	
	802.11n20-HT0	185	6875	MCS0	13.50	
		209	6995		10.50	
		233	7115		0.00	
	802.11ac20-VHT0	185	6875	MCS0	13.00	
		209	6995		10.50	
		233	7115		0.00	
	802.11ax20-HE0	185	6875	MCS0	13.00	
		209	6995		10.50	
		233	7115		0.00	
	802.11be20-EHT0	185	6875	MCS0	10.50	
		209	6995		11.00	
		233	7115		-8.00	
	802.11n40-HT0	187	6885	MCS0	15.50	
		227	7085		13.50	
	802.11ac40-VHT0	187	6885	MCS0	15.50	
		227	7085		13.50	
	802.11ax40-HE0	187	6885	MCS0	15.50	
		227	7085		13.50	
	802.11be40-EHT0	187	6885	MCS0	15.50	
		227	7085		14.00	
	802.11ac80-VHT0	183	6865	MCS0	17.50	
199		6945	16.50			
215		7025	16.50			
802.11ax80-HE0	183	6865	MCS0	17.50		
	199	6945		16.50		
	215	7025		16.50		
802.11be80-EHT0	183	6865	MCS0	17.50		
	199	6945		16.00		
	215	7025		16.00		
802.11ac160-VHT0	207	6985	MCS0	18.00		
802.11ax160-HE0	207	6985	MCS0	18.00		
802.11be160-EHT0	207	6985	MCS0	18.00		
802.11be320-EHT0	191	6905	MCS0	19.00	18.89	

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	3.50	Not Required
		45	6175		4.00	
		93	6415		3.50	
	802.11n20-HT0	1	5955	MCS0	4.00	
		45	6175		5.00	
		93	6415		4.00	
	802.11ac20-VHT0	1	5955	MCS0	4.00	
		45	6175		4.50	
		93	6415		4.00	
	802.11ax20-HE0	1	5955	MCS0	4.00	
		45	6175		4.50	
		93	6415		4.00	
	802.11be20-EHT0	1	5955	MCS0	4.00	
		45	6175		5.00	
		93	6415		4.00	
	802.11n40-HT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac40-VHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ax40-HE0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11be40-EHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac80-VHT0	7	5985	MCS0	10.00	
		39	6145		9.50	
		87	6385		9.50	
	802.11ax80-HE0	7	5985	MCS0	10.00	
		39	6145		9.50	
		87	6385		9.50	
	802.11be80-EHT0	7	5985	MCS0	10.00	
		39	6145		10.00	
		87	6385		9.50	
	802.11ac160-VHT0	15	6025	MCS0	12.00	
		47	6185		12.00	
		79	6345		12.00	
	802.11ax160-HE0	15	6025	MCS0	12.00	
		47	6185		12.00	
		79	6345		12.00	
802.11be160-EHT0	15	6025	MCS0	11.50		
	47	6185		11.50		
	79	6345		11.50		
802.11be320-EHT0	31	6105	MCS0	15.00	14.98	
	63	6265		14.00	13.98	

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required
		105	6475		9.00	
		113	6515		9.00	
	802.11n20-HT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11ac20-VHT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11ax20-HE0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11be20-EHT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11n40-HT0	99	6445	MCS0	12.50	
		107	6485		12.00	
	802.11ac40-VHT0	99	6445	MCS0	12.50	
		107	6485		12.00	
	802.11ax40-HE0	99	6445	MCS0	12.50	
		107	6485		12.00	
802.11be40-EHT0	99	6445	MCS0	12.50		
	107	6485		12.50		
802.11ac80-VHT0	103	6465	MCS0	15.00		
	119	6545		16.00		
802.11ax80-HE0	103	6465	MCS0	15.00		
	119	6545		16.00		
802.11be80-EHT0	103	6465	MCS0	15.00		
	119	6545		15.50		
802.11ac160-VHT0	111	6505	MCS0	19.50	19.45	
802.11ax160-HE0	111	6505	MCS0	19.50	Not Required	
802.11be160-EHT0	111	6505	MCS0	19.00		
802.11be320-EHT0	95	6425	MCS0	16.50		

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.00	Not Required
		149	6695		8.50	
		181	6855		9.50	
	802.11n20-HT0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11ac20-VHT0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11ax20-HE0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11be20-EHT0	117	6535	MCS0	9.00	
		149	6695		9.00	
		181	6855		9.50	
	802.11n40-HT0	115	6525	MCS0	14.50	
		147	6685		12.00	
		179	6845		12.50	
	802.11ac40-VHT0	115	6525	MCS0	14.50	
		147	6685		12.00	
		179	6845		12.50	
	802.11ax40-HE0	115	6525	MCS0	14.50	
		147	6685		12.00	
		179	6845		12.50	
	802.11be40-EHT0	115	6525	MCS0	14.50	
		147	6685		12.00	
		179	6845		13.00	
	802.11ac80-VHT0	135	6625	MCS0	15.00	
		151	6705		15.00	
		167	6785		15.50	
802.11ax80-HE0	135	6625	MCS0	15.00		
	151	6705		15.00		
	167	6785		15.50		
802.11be80-EHT0	135	6625	MCS0	14.50		
	151	6705		15.00		
	167	6785		15.00		
802.11ac160-VHT0	143	6665	MCS0	17.00		
	175	6825		17.50		
802.11ax160-HE0	143	6665	MCS0	17.00		
	175	6825		17.50		
802.11be160-EHT0	143	6665	MCS0	16.50		
	175	6825		18.00		
802.11be320-EHT0	127	6585	MCS0	19.00	18.98	
	159	6745		19.00	18.86	

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Ant 8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	12.50	Not Required
		209	6995		9.50	
		233	7115		5.00	
	802.11n20-HT0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		0.00	
	802.11ac20-VHT0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		-0.50	
	802.11ax20-HE0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		-0.50	
	802.11be20-EHT0	185	6875	MCS0	13.00	
		209	6995		10.00	
		233	7115		-8.50	
	802.11n40-HT0	187	6885	MCS0	14.50	
		227	7085		12.50	
	802.11ac40-VHT0	187	6885	MCS0	14.50	
		227	7085		12.50	
	802.11ax40-HE0	187	6885	MCS0	14.50	
		227	7085		12.50	
	802.11be40-EHT0	187	6885	MCS0	14.50	
		227	7085		13.00	
	802.11ac80-VHT0	183	6865	MCS0	16.50	
		199	6945		15.50	
		215	7025		15.50	
	802.11ax80-HE0	183	6865	MCS0	16.50	
		199	6945		15.50	
215		7025	15.50			
802.11be80-EHT0	183	6865	MCS0	16.50		
	199	6945		15.50		
	215	7025		15.50		
802.11ac160-VHT0	207	6985	MCS0	17.00		
802.11ax160-HE0	207	6985	MCS0	17.00		
802.11ax160-HE0	207	6985	MCS0	17.00		
802.11be320-EHT0	191	6905	MCS0	18.00		
					17.98	

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MIMO DSI0

Band	Mode	MIMO			Ant7		Ant8		Ant7+8	
		Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.00	Not Required	3.50	Not Required	6.80	Not Required
		45	6175		4.00		4.00		7.00	
		93	6415		4.00		3.50		6.80	
	802.11n20-HT0	1	5955	MCS0	4.50		4.00		7.30	
		45	6175		5.00		5.00		8.00	
		93	6415		4.50		4.00		7.30	
	802.11ac20-VHT0	1	5955	MCS0	4.50		4.00		7.30	
		45	6175		4.50		4.50		7.50	
		93	6415		4.50		4.00		7.30	
	802.11ax20-HE0	1	5955	MCS0	4.50		4.00		7.30	
		45	6175		4.50		4.50		7.50	
		93	6415		4.50		4.00		7.30	
	802.11be20-EHT0	1	5955	MCS0	4.50		4.00		7.30	
		45	6175		5.00		5.00		8.00	
		93	6415		4.50		4.00		7.30	
	802.11n40-HT0	3	5965	MCS0	7.00		7.00		10.00	
		43	6165		7.50		7.50		10.50	
		91	6405		7.00		7.00		10.00	
	802.11ac40-VHT0	3	5965	MCS0	7.00		7.00		10.00	
		43	6165		7.50		7.50		10.50	
		91	6405		7.00		7.00		10.00	
	802.11ax40-HE0	3	5965	MCS0	7.00		7.00		10.00	
		43	6165		7.50		7.50		10.50	
		91	6405		7.00		7.00		10.00	
	802.11be40-EHT0	3	5965	MCS0	7.00		7.00		10.00	
		43	6165		7.50		7.50		10.50	
		91	6405		7.00		7.00		10.00	
	802.11ac80-VHT0	7	5985	MCS0	10.00		10.00		13.00	
		39	6145		10.00		9.50		12.80	
		87	6385		10.00		9.50		12.80	
	802.11ax80-HE0	7	5985	MCS0	10.00		10.00		13.00	
		39	6145		10.00		9.50		12.80	
		87	6385		10.00		9.50		12.80	
	802.11be80-EHT0	7	5985	MCS0	10.00		10.00		13.00	
		39	6145		10.00		10.00		13.00	
		87	6385		9.50		9.50		12.50	
	802.11ac160-VHT0	15	6025	MCS0	12.00		12.00		15.00	
		47	6185		12.00		12.00		15.00	
		79	6345		12.00		12.00		15.00	
	802.11ax160-HE0	15	6025	MCS0	12.00		12.00		15.00	
		47	6185		12.00		12.00		15.00	
		79	6345		12.00		12.00		15.00	
	802.11be160-EHT0	15	6025	MCS0	12.00		11.50		14.80	
		47	6185		12.00		11.50		14.80	
		79	6345		11.50		11.50		14.50	
	802.11be320-EHT0	31	6105	MCS0	15.00		13.47		18.00	
		63	6265		14.50		12.55		17.30	

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Band	Mode	MIMO			Ant7		Ant8		Ant7+8		
		Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required	9.50	Not Required	12.50	Not Required	
		105	6475		9.00		9.00		12.00		
		113	6515		9.00		9.00		12.00		
	802.11n20-HT0	97	6435	MCS0	10.00		9.50		9.50		12.80
		105	6475		9.50		9.50		12.50		
		113	6515		9.50		9.50		12.50		
	802.11ac20-VHT0	97	6435	MCS0	10.00		9.50		9.50		12.80
		105	6475		9.50		9.50		12.50		
		113	6515		9.50		9.50		12.50		
	802.11ax20-HE0	97	6435	MCS0	10.00		9.50		9.50		12.80
		105	6475		9.50		9.50		12.50		
		113	6515		9.50		9.50		12.50		
	802.11be20-EHT0	97	6435	MCS0	10.50		9.50		9.50		13.00
		105	6475		10.00		9.50		12.80		
		113	6515		10.00		9.50		12.80		
	802.11n40-HT0	99	6445	MCS0	12.50		12.50		12.50		15.50
		107	6485		12.50		12.00		15.30		
		99	6445		12.50		12.50		15.50		
	802.11ac40-VHT0	107	6485	MCS0	12.50		12.50		12.50		15.30
		99	6445		12.50		12.50		15.50		
		107	6485		12.50		12.00		15.30		
	802.11ax40-HE0	99	6445	MCS0	12.50		12.50		12.50		15.50
		107	6485		12.50		12.00		15.30		
		99	6445		12.50		12.50		15.50		
	802.11be40-EHT0	107	6485	MCS0	12.50		12.50		12.50		15.50
		107	6485		12.50		12.50		15.50		
		103	6465		15.50		15.00		18.30		
	802.11ac80-VHT0	119	6545	MCS0	16.50		16.00		16.00		19.30
103		6465	15.50		15.00	18.30					
119		6545	16.50		16.00	19.30					
802.11ax80-HE0	103	6465	MCS0	15.50	15.00	15.00	18.30				
	119	6545		16.50	16.00	19.30					
	103	6465		15.50	15.00	18.30					
802.11be80-EHT0	103	6465	MCS0	15.50	15.00	15.00	18.30				
	119	6545		16.00	15.50	18.80					
	111	6505		20.00	17.43	19.50	19.36	22.80	21.50		
802.11ac160-VHT0	111	6505	MCS0	20.00	17.43	19.50	19.36	22.80	21.50		
802.11ax160-HE0	111	6505	MCS0	20.00	17.43	19.50	19.36	22.80	21.50		
802.11be160-EHT0	111	6505	MCS0	19.50	Not Required	19.00	Not Required	22.30	Not Required		
802.11be320-EHT0	95	6425	MCS0	17.00	Not Required	16.50	Not Required	19.80	Not Required		

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Band	Mode	MIMO			Ant7		Ant8		Ant7+8	
		Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.50	Not Required	9.00	Not Required	12.30	Not Required
		149	6695		9.50		8.50		12.00	
		181	6855		10.50		9.50		13.00	
	802.11n20-HT0	117	6535	MCS0	9.50		9.00		12.30	
		149	6695		9.50		8.50		12.00	
		181	6855		10.50		9.50		13.00	
	802.11ac20-VHT0	117	6535	MCS0	9.50		9.00		12.30	
		149	6695		9.50		8.50		12.00	
		181	6855		10.50		9.50		13.00	
	802.11ax20-HE0	117	6535	MCS0	9.50		9.00		12.30	
		149	6695		9.50		8.50		12.00	
		181	6855		10.50		9.50		13.00	
	802.11be20-EHT0	117	6535	MCS0	9.50		9.00		12.30	
		149	6695		10.50		9.00		12.80	
		181	6855		10.50		9.50		13.00	
	802.11n40-HT0	115	6525	MCS0	15.50		14.50		18.00	
		147	6685		13.00		12.00		15.50	
		179	6845		13.00		12.50		15.80	
	802.11ac40-VHT0	115	6525	MCS0	15.00		14.50		17.80	
		147	6685		13.00		12.00		15.50	
		179	6845		13.00		12.50		15.80	
	802.11ax40-HE0	115	6525	MCS0	15.00		14.50		17.80	
		147	6685		13.00		12.00		15.50	
		179	6845		13.00		12.50		15.80	
	802.11be40-EHT0	115	6525	MCS0	14.50		14.50		17.50	
		147	6685		13.00		12.00		15.50	
		179	6845		13.50		13.00		16.30	
	802.11ac80-VHT0	135	6625	MCS0	15.50		15.00		18.30	
		151	6705		15.50		15.00		18.30	
		167	6785		16.00		15.50		18.80	
	802.11ax80-HE0	135	6625	MCS0	15.50		15.00		18.30	
		151	6705		15.50		15.50		18.80	
		167	6785		16.00		15.50		18.80	
	802.11be80-EHT0	135	6625	MCS0	15.00		14.50		17.80	
		151	6705		15.50		15.00		18.30	
		167	6785		15.50		15.00		18.30	
802.11ac160-VHT0	143	6665	MCS0	17.50	17.00	20.30				
	175	6825		18.00	17.50	20.80				
802.11ax160-HE0	143	6665	MCS0	17.50	17.00	20.30				
	175	6825		18.00	17.50	20.80				
802.11be160-EHT0	143	6665	MCS0	17.00	16.50	19.80				
	175	6825		18.50	18.00	21.30				
802.11be320-EHT0	127	6585	MCS0	19.00	17.09	21.10				
	159	6745		19.00	16.99	21.00				

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MIMO					Ant7		Ant8		Ant7+8	
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	13.00	Not Required	12.50	Not Required	15.80	Not Required
		209	6995		10.50		9.50		13.00	
		233	7115		6.50		5.00		8.80	
	802.11n20-HT0	185	6875	MCS0	13.50		12.50		16.00	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		0.00		3.00	
	802.11ac20-VHT0	185	6875	MCS0	13.00		12.50		15.80	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		-0.50		2.80	
	802.11ax20-HE0	185	6875	MCS0	13.00		12.50		15.80	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		-0.50		2.80	
	802.11be20-EHT0	185	6875	MCS0	10.50		13.00		14.90	
		209	6995		11.00		10.00		13.50	
		233	7115		-8.00		-8.50		-5.20	
	802.11n40-HT0	187	6885	MCS0	15.50		14.50		18.00	
		227	7085		13.50		12.50		16.00	
		187	6885		15.50		14.50		18.00	
	802.11ac40-VHT0	187	6885	MCS0	15.50		14.50		18.00	
		227	7085		13.50		12.50		16.00	
		187	6885		15.50		14.50		18.00	
	802.11ax40-HE0	187	6885	MCS0	15.50		14.50		18.00	
		227	7085		13.50		12.50		16.00	
		187	6885		15.50		14.50		18.00	
	802.11be40-EHT0	187	6885	MCS0	15.50		14.50		18.00	
		227	7085		14.00		13.00		16.50	
		183	6865		17.50		16.50		20.00	
	802.11ac80-VHT0	199	6945	MCS0	16.50		15.50		19.00	
215		7025	16.50		15.50	19.00				
183		6865	17.50		16.50	20.00				
802.11ax80-HE0	199	6945	MCS0	16.50	15.50	19.00				
	215	7025		16.50	15.50	19.00				
	183	6865		17.50	16.50	20.00				
802.11be80-EHT0	199	6945	MCS0	16.00	15.50	18.80				
	215	7025		16.00	15.50	18.80				
	207	6985		18.00	17.00	20.50				
802.11ac160-VHT0	207	6985	MCS0	18.00	17.00	20.50				
802.11ax160-HE0	207	6985	MCS0	18.00	17.00	20.50				
802.11be160-EHT0	207	6985	MCS0	18.00	17.00	20.50				
802.11be320-EHT0	191	6905	MCS0	19.00	16.19	18.00	17.99	21.50	20.20	

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.00	Not Required
		45	6175		4.00	
		93	6415		4.00	
	802.11n20-HT0	1	5955	MCS0	4.50	
		45	6175		5.00	
		93	6415		4.50	
	802.11ac20-VHT0	1	5955	MCS0	4.50	
		45	6175		4.50	
		93	6415		4.50	
	802.11ax20-HE0	1	5955	MCS0	4.50	
		45	6175		4.50	
		93	6415		4.50	
	802.11be20-EHT0	1	5955	MCS0	4.50	
		45	6175		5.00	
		93	6415		4.50	
	802.11n40-HT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac40-VHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ax40-HE0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11be40-EHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac80-VHT0	7	5985	MCS0	10.00	
		39	6145		10.00	
		87	6385		10.00	
802.11ax80-HE0	7	5985	MCS0	10.00		
	39	6145		10.00		
	87	6385		10.00		
802.11be80-EHT0	7	5985	MCS0	10.00		
	39	6145		10.00		
	87	6385		9.50		
802.11ac160-VHT0	15	6025	MCS0	12.00		
	47	6185		12.00		
	79	6345		12.00		
802.11ax160-HE0	15	6025	MCS0	12.00		
	47	6185		12.00		
	79	6345		12.00		
802.11be160-EHT0	15	6025	MCS0	12.00		
	47	6185		12.00		
	79	6345		11.50		
802.11be320-EHT0	31	6105	MCS0	14.00	13.99	
	63	6265		14.00	13.92	

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required
		105	6475		9.00	
		113	6515		9.00	
	802.11n20-HT0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11ac20-VHT0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11ax20-HE0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11be20-EHT0	97	6435	MCS0	10.50	
		105	6475		10.00	
		113	6515		10.00	
	802.11n40-HT0	99	6445	MCS0	12.50	
		107	6485		12.50	
	802.11ac40-VHT0	99	6445	MCS0	12.50	
		107	6485		12.50	
	802.11ax40-HE0	99	6445	MCS0	12.50	
		107	6485		12.50	
802.11be40-EHT0	99	6445	MCS0	12.50		
	107	6485		12.50		
802.11ac80-VHT0	103	6465	MCS0	15.50		
	119	6545		16.00		
802.11ax80-HE0	103	6465	MCS0	15.50		
	119	6545		16.00		
802.11be80-EHT0	103	6465	MCS0	15.50		
	119	6545		16.00		
802.11ac160-VHT0	111	6505	MCS0	16.00		
802.11ax160-HE0	111	6505	MCS0	16.00		
802.11be160-EHT0	111	6505	MCS0	16.00		
802.11be320-EHT0	95	6425	MCS0	16.00		
					15.95	

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.50	Not Required
		149	6695		9.50	
		181	6855		10.50	
	802.11n20-HT0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11ac20-VHT0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11ax20-HE0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11be20-EHT0	117	6535	MCS0	9.50	
		149	6695		10.50	
		181	6855		10.50	
	802.11n40-HT0	115	6525	MCS0	15.50	
		147	6685		13.00	
		179	6845		13.00	
	802.11ac40-VHT0	115	6525	MCS0	15.00	
		147	6685		13.00	
		179	6845		13.00	
	802.11ax40-HE0	115	6525	MCS0	15.00	
		147	6685		13.00	
		179	6845		13.00	
	802.11be40-EHT0	115	6525	MCS0	14.50	
		147	6685		13.00	
		179	6845		13.50	
	802.11ac80-VHT0	135	6625	MCS0	15.50	
		151	6705		15.50	
		167	6785		16.00	
802.11ax80-HE0	135	6625	MCS0	15.50		
	151	6705		15.50		
	167	6785		16.00		
802.11be80-EHT0	135	6625	MCS0	15.00		
	151	6705		15.50		
	167	6785		15.50		
802.11ac160-VHT0	143	6665	MCS0	17.00		
	175	6825		17.00		
802.11ax160-HE0	143	6665	MCS0	17.00		
	175	6825		17.00		
802.11be160-EHT0	143	6665	MCS0	17.00		
	175	6825		17.00		
802.11be320-EHT0	127	6585	MCS0	17.00	16.98	
	159	6745		17.00	16.91	

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Ant7						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	13.00	Not Required
		209	6995		10.50	
		233	7115		6.50	
	802.11n20-HT0	185	6875	MCS0	13.50	
		209	6995		10.50	
		233	7115		0.00	
	802.11ac20-VHT0	185	6875	MCS0	13.00	
		209	6995		10.50	
		233	7115		0.00	
	802.11ax20-HE0	185	6875	MCS0	13.00	
		209	6995		10.50	
		233	7115		0.00	
	802.11be20-EHT0	185	6875	MCS0	10.50	
		209	6995		11.00	
		233	7115		-8.00	
	802.11n40-HT0	187	6885	MCS0	15.50	
		227	7085		13.50	
	802.11ac40-VHT0	187	6885	MCS0	15.50	
		227	7085		13.50	
	802.11ax40-HE0	187	6885	MCS0	15.50	
227		7085	13.50			
802.11be40-EHT0	187	6885	MCS0	15.50		
	227	7085		14.00		
802.11ac80-VHT0	183	6865	MCS0	17.00		
	199	6945		16.50		
	215	7025		16.50		
802.11ax80-HE0	183	6865	MCS0	17.00		
	199	6945		16.50		
	215	7025		16.50		
802.11be80-EHT0	183	6865	MCS0	17.00		
	199	6945		16.00		
	215	7025		16.00		
802.11ac160-VHT0	207	6985	MCS0	17.00		
802.11ax160-HE0	207	6985	MCS0	17.00		
802.11be160-EHT0	207	6985	MCS0	17.00		
802.11be320-EHT0	191	6905	MCS0	17.00	16.99	

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	3.50	Not Required
		45	6175		4.00	
		93	6415		3.50	
	802.11n20-HT0	1	5955	MCS0	4.00	
		45	6175		5.00	
		93	6415		4.00	
	802.11ac20-VHT0	1	5955	MCS0	4.00	
		45	6175		4.50	
		93	6415		4.00	
	802.11ax20-HE0	1	5955	MCS0	4.00	
		45	6175		4.50	
		93	6415		4.00	
	802.11be20-EHT0	1	5955	MCS0	4.00	
		45	6175		5.00	
		93	6415		4.00	
	802.11n40-HT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac40-VHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ax40-HE0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11be40-EHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac80-VHT0	7	5985	MCS0	10.00	
		39	6145		9.50	
		87	6385		9.50	
	802.11ax80-HE0	7	5985	MCS0	10.00	
		39	6145		9.50	
		87	6385		9.50	
	802.11be80-EHT0	7	5985	MCS0	10.00	
		39	6145		10.00	
		87	6385		9.50	
	802.11ac160-VHT0	15	6025	MCS0	12.00	
		47	6185		12.00	
		79	6345		12.00	
	802.11ax160-HE0	15	6025	MCS0	12.00	
		47	6185		12.00	
		79	6345		12.00	
802.11be160-EHT0	15	6025	MCS0	11.50		
	47	6185		11.50		
	79	6345		11.50		
802.11be320-EHT0	31	6105	MCS0	14.00	13.98	
	63	6265		14.00	13.92	

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required
		105	6475		9.00	
		113	6515		9.00	
	802.11n20-HT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11ac20-VHT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11ax20-HE0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11be20-EHT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11n40-HT0	99	6445	MCS0	12.50	
		107	6485		12.00	
	802.11ac40-VHT0	99	6445	MCS0	12.50	
		107	6485		12.00	
	802.11ax40-HE0	99	6445	MCS0	12.50	
		107	6485		12.00	
802.11be40-EHT0	99	6445	MCS0	12.50		
	107	6485		12.50		
802.11ac80-VHT0	103	6465	MCS0	15.00		
	119	6545		16.00		
802.11ax80-HE0	103	6465	MCS0	15.00		
	119	6545		16.00		
802.11be80-EHT0	103	6465	MCS0	15.00		
	119	6545		15.50		
802.11ac160-VHT0	111	6505	MCS0	16.00		
802.11ax160-HE0	111	6505	MCS0	16.00		
802.11be160-EHT0	111	6505	MCS0	16.00		
802.11be320-EHT0	95	6425	MCS0	16.00		
					15.97	

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.00	Not Required
		149	6695		8.50	
		181	6855		9.50	
	802.11n20-HT0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11ac20-VHT0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11ax20-HE0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11be20-EHT0	117	6535	MCS0	9.00	
		149	6695		9.00	
		181	6855		9.50	
	802.11n40-HT0	115	6525	MCS0	14.50	
		147	6685		12.00	
		179	6845		12.50	
	802.11ac40-VHT0	115	6525	MCS0	14.50	
		147	6685		12.00	
		179	6845		12.50	
	802.11ax40-HE0	115	6525	MCS0	14.50	
		147	6685		12.00	
		179	6845		12.50	
	802.11be40-EHT0	115	6525	MCS0	14.50	
		147	6685		12.00	
		179	6845		13.00	
	802.11ac80-VHT0	135	6625	MCS0	15.00	
		151	6705		15.00	
		167	6785		15.50	
802.11ax80-HE0	135	6625	MCS0	15.00		
	151	6705		15.00		
	167	6785		15.50		
802.11be80-EHT0	135	6625	MCS0	14.50		
	151	6705		15.00		
	167	6785		15.00		
802.11ac160-VHT0	143	6665	MCS0	17.00		
	175	6825		17.00		
802.11ax160-HE0	143	6665	MCS0	17.00		
	175	6825		17.00		
802.11be160-EHT0	143	6665	MCS0	16.50		
	175	6825		17.00		
802.11be320-EHT0	127	6585	MCS0	17.00	16.97	
	159	6745		17.00	16.91	

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Ant 8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	12.50	Not Required
		209	6995		9.50	
		233	7115		5.00	
	802.11n20-HT0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		0.00	
	802.11ac20-VHT0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		-0.50	
	802.11ax20-HE0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		-0.50	
	802.11be20-EHT0	185	6875	MCS0	13.00	
		209	6995		10.00	
		233	7115		-8.50	
	802.11n40-HT0	187	6885	MCS0	14.50	
		227	7085		12.50	
	802.11ac40-VHT0	187	6885	MCS0	14.50	
		227	7085		12.50	
	802.11ax40-HE0	187	6885	MCS0	14.50	
		227	7085		12.50	
	802.11be40-EHT0	187	6885	MCS0	14.50	
		227	7085		13.00	
	802.11ac80-VHT0	183	6865	MCS0	16.50	
		199	6945		15.50	
		215	7025		15.50	
	802.11ax80-HE0	183	6865	MCS0	16.50	
		199	6945		15.50	
215		7025	15.50			
802.11be80-EHT0	183	6865	MCS0	16.50		
	199	6945		15.50		
	215	7025		15.50		
802.11ac160-VHT0	207	6985	MCS0	17.00		
802.11ax160-HE0	207	6985	MCS0	17.00		
802.11ax160-HE0	207	6985	MCS0	17.00		
802.11be320-EHT0	191	6905	MCS0	17.00	16.94	

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.00	Not Required
		45	6175		4.00	
		93	6415		4.00	
	802.11n20-HT0	1	5955	MCS0	4.50	
		45	6175		5.00	
		93	6415		4.50	
	802.11ac20-VHT0	1	5955	MCS0	4.50	
		45	6175		4.50	
		93	6415		4.50	
	802.11ax20-HE0	1	5955	MCS0	4.50	
		45	6175		4.50	
		93	6415		4.50	
	802.11be20-EHT0	1	5955	MCS0	4.50	
		45	6175		5.00	
		93	6415		4.50	
	802.11n40-HT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac40-VHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ax40-HE0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11be40-EHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac80-VHT0	7	5985	MCS0	10.00	
		39	6145		10.00	
		87	6385		10.00	
	802.11ax80-HE0	7	5985	MCS0	10.00	
		39	6145		10.00	
		87	6385		10.00	
	802.11be80-EHT0	7	5985	MCS0	10.00	
		39	6145		10.00	
		87	6385		9.50	
	802.11ac160-VHT0	15	6025	MCS0	11.00	
		47	6185		11.00	
		79	6345		11.00	
	802.11ax160-HE0	15	6025	MCS0	11.00	
		47	6185		11.00	
		79	6345		11.00	
802.11be160-EHT0	15	6025	MCS0	11.00		
	47	6185		11.00		
	79	6345		11.00		
802.11be320-EHT0	31	6105	MCS0	11.00	10.98	
	63	6265		11.00	10.95	

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required
		105	6475		9.00	
		113	6515		9.00	
	802.11n20-HT0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11ac20-VHT0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11ax20-HE0	97	6435	MCS0	10.00	
		105	6475		9.50	
		113	6515		9.50	
	802.11be20-EHT0	97	6435	MCS0	10.50	
		105	6475		10.00	
		113	6515		10.00	
	802.11n40-HT0	99	6445	MCS0	12.50	
		107	6485		12.50	
	802.11ac40-VHT0	99	6445	MCS0	12.50	
		107	6485		12.50	
	802.11ax40-HE0	99	6445	MCS0	12.50	
		107	6485		12.50	
802.11be40-EHT0	99	6445	MCS0	12.50		
	107	6485		12.50		
802.11ac80-VHT0	103	6465	MCS0	13.00		
	119	6545		13.00		
802.11ax80-HE0	103	6465	MCS0	13.00		
	119	6545		13.00		
802.11be80-EHT0	103	6465	MCS0	13.00		
	119	6545		13.00		
802.11ac160-VHT0	111	6505	MCS0	13.00		
802.11ax160-HE0	111	6505	MCS0	13.00		
802.11be160-EHT0	111	6505	MCS0	13.00		
802.11be320-EHT0	95	6425	MCS0	13.00	12.96	

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Ant7						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.50	Not Required
		149	6695		9.50	
		181	6855		10.50	
	802.11n20-HT0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11ac20-VHT0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11ax20-HE0	117	6535	MCS0	9.50	
		149	6695		9.50	
		181	6855		10.50	
	802.11be20-EHT0	117	6535	MCS0	9.50	
		149	6695		10.50	
		181	6855		10.50	
	802.11n40-HT0	115	6525	MCS0	14.00	
		147	6685		13.00	
		179	6845		13.00	
	802.11ac40-VHT0	115	6525	MCS0	14.00	
		147	6685		13.00	
		179	6845		13.00	
	802.11ax40-HE0	115	6525	MCS0	14.00	
		147	6685		13.00	
		179	6845		13.00	
	802.11be40-EHT0	115	6525	MCS0	14.00	
		147	6685		13.00	
		179	6845		13.50	
	802.11ac80-VHT0	135	6625	MCS0	14.00	
		151	6705		14.00	
		167	6785		14.00	
802.11ax80-HE0	135	6625	MCS0	14.00		
	151	6705		14.00		
	167	6785		14.00		
802.11be80-EHT0	135	6625	MCS0	14.00		
	151	6705		14.00		
	167	6785		14.00		
802.11ac160-VHT0	143	6665	MCS0	14.00		
	175	6825		14.00		
802.11ax160-HE0	143	6665	MCS0	14.00		
	175	6825		14.00		
802.11be160-EHT0	143	6665	MCS0	14.00		
	175	6825		14.00		
802.11be320-EHT0	127	6585	MCS0	14.00	13.95	
	159	6745		14.00	13.91	

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Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	13.00	Not Required
		209	6995		10.50	
		233	7115		6.50	
	802.11n20-HT0	185	6875	MCS0	13.50	
		209	6995		10.50	
		233	7115		0.00	
	802.11ac20-VHT0	185	6875	MCS0	13.00	
		209	6995		10.50	
		233	7115		0.00	
	802.11ax20-HE0	185	6875	MCS0	13.00	
		209	6995		10.50	
		233	7115		0.00	
	802.11be20-EHT0	185	6875	MCS0	10.50	
		209	6995		11.00	
		233	7115		-8.00	
	802.11n40-HT0	187	6885	MCS0	14.00	
		227	7085		13.50	
	802.11ac40-VHT0	187	6885	MCS0	14.00	
		227	7085		13.50	
	802.11ax40-HE0	187	6885	MCS0	14.00	
		227	7085		13.50	
	802.11be40-EHT0	187	6885	MCS0	14.00	
		227	7085		14.00	
	802.11ac80-VHT0	183	6865	MCS0	14.00	
		199	6945		14.00	
		215	7025		14.00	
	802.11ax80-HE0	183	6865	MCS0	14.00	
		199	6945		14.00	
215		7025	14.00			
802.11be80-EHT0	183	6865	MCS0	14.00		
	199	6945		14.00		
	215	7025		14.00		
802.11ac160-VHT0	207	6985	MCS0	14.00		
802.11ax160-HE0	207	6985	MCS0	14.00		
802.11be160-EHT0	207	6985	MCS0	14.00		
802.11be320-EHT0	191	6905	MCS0	14.00	13.91	

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	3.50	Not Required
		45	6175		4.00	
		93	6415		3.50	
	802.11n20-HT0	1	5955	MCS0	4.00	
		45	6175		5.00	
		93	6415		4.00	
	802.11ac20-VHT0	1	5955	MCS0	4.00	
		45	6175		4.50	
		93	6415		4.00	
	802.11ax20-HE0	1	5955	MCS0	4.00	
		45	6175		4.50	
		93	6415		4.00	
	802.11be20-EHT0	1	5955	MCS0	4.00	
		45	6175		5.00	
		93	6415		4.00	
	802.11n40-HT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac40-VHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ax40-HE0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11be40-EHT0	3	5965	MCS0	7.00	
		43	6165		7.50	
		91	6405		7.00	
	802.11ac80-VHT0	7	5985	MCS0	10.00	
		39	6145		9.50	
		87	6385		9.50	
	802.11ax80-HE0	7	5985	MCS0	10.00	
		39	6145		9.50	
		87	6385		9.50	
	802.11be80-EHT0	7	5985	MCS0	10.00	
		39	6145		10.00	
		87	6385		9.50	
	802.11ac160-VHT0	15	6025	MCS0	11.00	
		47	6185		11.00	
		79	6345		11.00	
	802.11ax160-HE0	15	6025	MCS0	11.00	
		47	6185		11.00	
		79	6345		11.00	
802.11be160-EHT0	15	6025	MCS0	11.00		
	47	6185		11.00		
	79	6345		11.00		
802.11be320-EHT0	31	6105	MCS0	11.00	10.96	
	63	6265		11.00	10.85	

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required
		105	6475		9.00	
		113	6515		9.00	
	802.11n20-HT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11ac20-VHT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11ax20-HE0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11be20-EHT0	97	6435	MCS0	9.50	
		105	6475		9.50	
		113	6515		9.50	
	802.11n40-HT0	99	6445	MCS0	12.50	
		107	6485		12.00	
	802.11ac40-VHT0	99	6445	MCS0	12.50	
		107	6485		12.00	
	802.11ax40-HE0	99	6445	MCS0	12.50	
107		6485	12.00			
802.11be40-EHT0	99	6445	MCS0	12.50		
	107	6485		12.50		
802.11ac80-VHT0	103	6465	MCS0	13.00		
	119	6545		13.00		
802.11ax80-HE0	103	6465	MCS0	13.00		
	119	6545		13.00		
802.11be80-EHT0	103	6465	MCS0	13.00		
	119	6545	MCS0	13.00		
802.11ac160-VHT0	111	6505	MCS0	13.00		
802.11ax160-HE0	111	6505	MCS0	13.00		
802.11be160-EHT0	111	6505	MCS0	13.00		
802.11be320-EHT0	95	6425	MCS0	13.00	12.96	

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Ant 8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.00	Not Required
		149	6695		8.50	
		181	6855		9.50	
	802.11n20-HT0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11ac20-VHT0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11ax20-HE0	117	6535	MCS0	9.00	
		149	6695		8.50	
		181	6855		9.50	
	802.11be20-EHT0	117	6535	MCS0	9.00	
		149	6695		9.00	
		181	6855		9.50	
	802.11n40-HT0	115	6525	MCS0	14.00	
		147	6685		12.00	
		179	6845		12.50	
	802.11ac40-VHT0	115	6525	MCS0	14.00	
		147	6685		12.00	
		179	6845		12.50	
	802.11ax40-HE0	115	6525	MCS0	14.00	
		147	6685		12.00	
		179	6845		12.50	
	802.11be40-EHT0	115	6525	MCS0	14.00	
		147	6685		12.00	
		179	6845		13.00	
	802.11ac80-VHT0	135	6625	MCS0	14.00	
		151	6705		14.00	
		167	6785		14.00	
802.11ax80-HE0	135	6625	MCS0	14.00		
	151	6705		14.00		
	167	6785		14.00		
802.11be80-EHT0	135	6625	MCS0	14.00		
	151	6705		14.00		
	167	6785		14.00		
802.11ac160-VHT0	143	6665	MCS0	14.00		
	175	6825		14.00		
802.11ax160-HE0	143	6665	MCS0	14.00		
	175	6825		14.00		
802.11be160-EHT0	143	6665	MCS0	14.00		
	175	6825		14.00		
802.11be320-EHT0	127	6585	MCS0	14.00	13.98	
	159	6745		14.00	13.90	

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Ant 8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	12.50	Not Required
		209	6995		9.50	
		233	7115		5.00	
	802.11n20-HT0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		0.00	
	802.11ac20-VHT0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		-0.50	
	802.11ax20-HE0	185	6875	MCS0	12.50	
		209	6995		9.50	
		233	7115		-0.50	
	802.11be20-EHT0	185	6875	MCS0	13.00	
		209	6995		10.00	
		233	7115		-8.50	
	802.11n40-HT0	187	6885	MCS0	14.00	
		227	7085		12.50	
	802.11ac40-VHT0	187	6885	MCS0	14.00	
		227	7085		12.50	
	802.11ax40-HE0	187	6885	MCS0	14.00	
		227	7085		12.50	
	802.11be40-EHT0	187	6885	MCS0	14.00	
		227	7085		13.00	
	802.11ac80-VHT0	183	6865	MCS0	14.00	
		199	6945		14.00	
		215	7025		14.00	
	802.11ax80-HE0	183	6865	MCS0	14.00	
		199	6945		14.00	
215		7025	14.00			
802.11be80-EHT0	183	6865	MCS0	14.00		
	199	6945		14.00		
	215	7025		14.00		
802.11ac160-VHT0	207	6985	MCS0	14.00		
802.11ax160-HE0	207	6985	MCS0	14.00		
802.11ax160-HE0	207	6985	MCS0	14.00		
802.11be320-EHT0	191	6905	MCS0	14.00	13.95	

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Head MIMO DSI1

Ant7										
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.00	Not Required	3.50	Not Required	6.80	Not Required
		45	6175		4.00		4.00		7.00	
		93	6415		4.00		3.50		6.80	
	802.11n20-HT0	1	5955	MCS0	4.50		4.00		7.30	
		45	6175		5.00		5.00		8.00	
		93	6415		4.50		4.00		7.30	
	802.11ac20-VHT0	1	5955	MCS0	4.50		4.00		7.30	
		45	6175		4.50		4.50		7.50	
		93	6415		4.50		4.00		7.30	
	802.11ax20-HE0	1	5955	MCS0	4.50		4.00		7.30	
		45	6175		4.50		4.50		7.50	
		93	6415		4.50		4.00		7.30	
	802.11be20-EHT0	1	5955	MCS0	4.50		4.00		7.30	
		45	6175		5.00		5.00		8.00	
		93	6415		4.50		4.00		7.30	
	802.11n40-HT0	3	5965	MCS0	7.00		7.00		10.00	
		43	6165		7.50		7.50		10.50	
		91	6405		7.00		7.00		10.00	
	802.11ac40-VHT0	3	5965	MCS0	7.00		7.00		10.00	
		43	6165		7.50		7.50		10.50	
		91	6405		7.00		7.00		10.00	
	802.11ax40-HE0	3	5965	MCS0	7.00		7.00		10.00	
		43	6165		7.50		7.50		10.50	
		91	6405		7.00		7.00		10.00	
	802.11be40-EHT0	3	5965	MCS0	7.00		7.00		10.00	
		43	6165		7.50		7.50		10.50	
		91	6405		7.00		7.00		10.00	
	802.11ac80-VHT0	7	5985	MCS0	10.00		10.00		13.00	
		39	6145		10.00		9.50		12.80	
		87	6385		10.00		9.50		12.80	
	802.11ax80-HE0	7	5985	MCS0	10.00		10.00		13.00	
		39	6145		10.00		9.50		12.80	
		87	6385		10.00		9.50		12.80	
	802.11be80-EHT0	7	5985	MCS0	10.00		10.00		13.00	
		39	6145		10.00		10.00		13.00	
		87	6385		9.50		9.50		12.50	
	802.11ac160-VHT0	15	6025	MCS0	12.00		12.00		15.00	
		47	6185		12.00		12.00		15.00	
		79	6345		12.00		12.00		15.00	
	802.11ax160-HE0	15	6025	MCS0	12.00		12.00		15.00	
		47	6185		12.00		12.00		15.00	
		79	6345		12.00		12.00		15.00	
	802.11be160-EHT0	15	6025	MCS0	12.00		11.50		14.80	
		47	6185		12.00		11.50		14.80	
		79	6345		11.50		11.50		14.50	
	802.11be320-EHT0	31	6105	MCS0	14.00		13.11		16.50	
		63	6265		14.00		13.05		16.40	

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Band	Mode	MIMO			Ant7		Ant8		Ant7+8					
		Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)				
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required	9.50	Not Required	12.50	Not Required				
		105	6475		9.00		9.00		12.00					
		113	6515		9.00		9.00		12.00					
	802.11n20-HT0	97	6435	MCS0	10.00		9.50		9.50		12.80			
		105	6475		9.50		9.50		12.50					
		113	6515		9.50		9.50		12.50					
	802.11ac20-VHT0	97	6435	MCS0	10.00		9.50		9.50		12.80			
		105	6475		9.50		9.50		12.50					
		113	6515		9.50		9.50		12.50					
	802.11ax20-HE0	97	6435	MCS0	10.00		9.50		9.50		12.80			
		105	6475		9.50		9.50		12.50					
		113	6515		9.50		9.50		12.50					
	802.11be20-EHT0	97	6435	MCS0	10.50		9.50		9.50		13.00			
		105	6475		10.00		9.50		12.80					
		113	6515		10.00		9.50		12.80					
	802.11n40-HT0	99	6445	MCS0	12.50		Not Required		12.50		Not Required	15.50	Not Required	
		107	6485		12.50				12.00			15.30		
	802.11ac40-VHT0	99	6445	MCS0	12.50				12.50			12.50		15.50
		107	6485		12.50				12.00			15.30		
	802.11ax40-HE0	99	6445	MCS0	12.50				12.50			12.50		15.50
		107	6485		12.50				12.00			15.30		
	802.11be40-EHT0	99	6445	MCS0	12.50				12.50			12.50		15.50
		107	6485		12.50				12.50			15.50		
	802.11ac80-VHT0	103	6465	MCS0	15.50				15.00			15.00		18.30
		119	6545		16.00				16.00			19.00		
	802.11ax80-HE0	103	6465	MCS0	15.50				15.00			15.00		18.30
		119	6545		16.00				16.00			19.00		
	802.11be80-EHT0	103	6465	MCS0	15.50				15.00			15.00		18.30
		119	6545		16.00				15.50			18.80		
	802.11ac160-VHT0	111	6505	MCS0	16.00				16.00			16.00		19.00
802.11ax160-HE0	111	6505	MCS0	16.00	16.00	16.00		19.00						
802.11be160-EHT0	111	6505	MCS0	16.00	16.00	16.00		19.00						
802.11be320-EHT0	95	6425	MCS0	16.00	14.89	16.00		15.76	19.00	18.40				

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Band	Mode	MIMO			Ant7		Ant8		Ant7+8	
		Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.50	Not Required	9.00	Not Required	12.30	Not Required
		149	6695		9.50		8.50		12.00	
		181	6855		10.50		9.50		13.00	
	802.11n20-HT0	117	6535	MCS0	9.50		9.00		12.30	
		149	6695		9.50		8.50		12.00	
		181	6855		10.50		9.50		13.00	
	802.11ac20-VHT0	117	6535	MCS0	9.50		9.00		12.30	
		149	6695		9.50		8.50		12.00	
		181	6855		10.50		9.50		13.00	
	802.11ax20-HE0	117	6535	MCS0	9.50		9.00		12.30	
		149	6695		9.50		8.50		12.00	
		181	6855		10.50		9.50		13.00	
	802.11be20-EHT0	117	6535	MCS0	9.50		9.00		12.30	
		149	6695		10.50		9.00		12.80	
		181	6855		10.50		9.50		13.00	
	802.11n40-HT0	115	6525	MCS0	15.50		14.50		18.00	
		147	6685		13.00		12.00		15.50	
		179	6845		13.00		12.50		15.80	
	802.11ac40-VHT0	115	6525	MCS0	15.00		14.50		17.80	
		147	6685		13.00		12.00		15.50	
		179	6845		13.00		12.50		15.80	
	802.11ax40-HE0	115	6525	MCS0	15.00		14.50		17.80	
		147	6685		13.00		12.00		15.50	
		179	6845		13.00		12.50		15.80	
	802.11be40-EHT0	115	6525	MCS0	14.50		14.50		17.50	
		147	6685		13.00		12.00		15.50	
		179	6845		13.50		13.00		16.30	
	802.11ac80-VHT0	135	6625	MCS0	15.50		15.00		18.30	
		151	6705		15.50		15.00		18.30	
		167	6785		16.00		15.50		18.80	
	802.11ax80-HE0	135	6625	MCS0	15.50		15.00		18.30	
		151	6705		15.50		15.00		18.30	
		167	6785		16.00		15.50		18.80	
	802.11be80-EHT0	135	6625	MCS0	15.00		14.50		17.80	
		151	6705		15.50		15.00		18.30	
		167	6785		15.50		15.00		18.30	
	802.11ac160-VHT0	143	6665	MCS0	17.00		17.00		20.00	
		175	6825		17.00		17.00		20.00	
	802.11ax160-HE0	143	6665	MCS0	17.00		17.00		20.00	
		175	6825		17.00		17.00		20.00	
	802.11be160-EHT0	143	6665	MCS0	17.00		16.50		19.80	
		175	6825		17.00		17.00		20.00	
	802.11be320-EHT0	127	6585	MCS0	17.00		15.75		19.30	
		159	6745		17.00		15.48		19.10	

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Ant7										
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	13.00	Not Required	12.50	Not Required	15.80	Not Required
		209	6995		10.50		9.50		13.00	
		233	7115		6.50		5.00		8.80	
	802.11n20-HT0	185	6875	MCS0	13.50		12.50		16.00	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		0.00		3.00	
	802.11ac20-VHT0	185	6875	MCS0	13.00		12.50		15.80	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		-0.50		2.80	
	802.11ax20-HE0	185	6875	MCS0	13.00		12.50		15.80	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		-0.50		2.80	
	802.11be20-EHT0	185	6875	MCS0	10.50		13.00		14.90	
		209	6995		11.00		10.00		13.50	
		233	7115		-8.00		-8.50		-5.20	
	802.11n40-HT0	187	6885	MCS0	15.50		14.50		18.00	
		227	7085		13.50		12.50		16.00	
	802.11ac40-VHT0	187	6885	MCS0	15.50		14.50		18.00	
		227	7085		13.50		12.50		16.00	
	802.11ax40-HE0	187	6885	MCS0	15.50		14.50		18.00	
		227	7085		13.50		12.50		16.00	
	802.11be40-EHT0	187	6885	MCS0	15.50		14.50		18.00	
		227	7085		14.00		13.00		16.50	
	802.11ac80-VHT0	183	6865	MCS0	17.00		16.50		19.80	
		199	6945		16.50		15.50		19.00	
		215	7025		16.50		15.50		19.00	
	802.11ax80-HE0	183	6865	MCS0	17.00		16.50		19.80	
		199	6945		16.50		15.50		19.00	
		215	7025		16.50		15.50		19.00	
	802.11be80-EHT0	183	6865	MCS0	17.00		16.50		19.80	
199		6945	16.00		15.50	18.80				
215		7025	16.00		15.50	18.80				
802.11ac160-VHT0	207	6985	MCS0	17.00	17.00	20.00				
802.11ax160-HE0	207	6985	MCS0	17.00	17.00	20.00				
802.11be160-EHT0	207	6985	MCS0	17.00	17.00	20.00				
802.11be320-EHT0	191	6905	MCS0	17.00	16.01	17.00	16.98	20.00	19.50	

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Head MIMO DSI2

Ant7												
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)		
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	4.00	Not Required	3.50	Not Required	6.80	Not Required		
		45	6175		4.00		4.00		7.00			
		93	6415		4.00		3.50		6.80			
	802.11n20-HT0	1	5955	MCS0	4.50		4.00		7.30			
		45	6175		5.00		5.00		8.00			
		93	6415		4.50		4.00		7.30			
	802.11ac20-VHT0	1	5955	MCS0	4.50		4.00		7.30			
		45	6175		4.50		4.50		7.50			
		93	6415		4.50		4.00		7.30			
	802.11ax20-HE0	1	5955	MCS0	4.50		4.00		7.30			
		45	6175		4.50		4.50		7.50			
		93	6415		4.50		4.00		7.30			
	802.11be20-EHT0	1	5955	MCS0	4.50		4.00		7.30			
		45	6175		5.00		5.00		8.00			
		93	6415		4.50		4.00		7.30			
	802.11n40-HT0	3	5965	MCS0	7.00		7.00		10.00			
		43	6165		7.50		7.50		10.50			
		91	6405		7.00		7.00		10.00			
	802.11ac40-VHT0	3	5965	MCS0	7.00		7.00		10.00			
		43	6165		7.50		7.50		10.50			
		91	6405		7.00		7.00		10.00			
	802.11ax40-HE0	3	5965	MCS0	7.00		7.00		10.00			
		43	6165		7.50		7.50		10.50			
		91	6405		7.00		7.00		10.00			
	802.11be40-EHT0	3	5965	MCS0	7.00		7.00		10.00			
		43	6165		7.50		7.50		10.50			
		91	6405		7.00		7.00		10.00			
	802.11ac80-VHT0	7	5985	MCS0	10.00		10.00		13.00			
		39	6145		10.00		9.50		12.80			
		87	6385		10.00		9.50		12.80			
	802.11ax80-HE0	7	5985	MCS0	10.00		10.00		13.00			
		39	6145		10.00		9.50		12.80			
		87	6385		10.00		9.50		12.80			
	802.11be80-EHT0	7	5985	MCS0	10.00		10.00		13.00			
		39	6145		10.00		10.00		13.00			
		87	6385		9.50		9.50		12.50			
	802.11ac160-VHT0	15	6025	MCS0	11.00		11.00		14.00			
		47	6185		11.00		11.00		14.00			
		79	6345		11.00		11.00		14.00			
	802.11ax160-HE0	15	6025	MCS0	11.00		11.00		14.00			
		47	6185		11.00		11.00		14.00			
		79	6345		11.00		11.00		14.00			
	802.11be160-EHT0	15	6025	MCS0	11.00		11.00		14.00			
		47	6185		11.00		11.00		14.00			
		79	6345		11.00		11.00		14.00			
	802.11be320-EHT0	31	6105	MCS0	11.00		9.98		10.95		14.00	13.50
		63	6265		11.00		9.81		10.80		14.00	13.30

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Band	Mode	MIMO			Ant7		Ant8		Ant7+8					
		Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)				
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	9.50	Not Required	9.50	Not Required	12.50	Not Required				
		105	6475		9.00		9.00		12.00					
		113	6515		9.00		9.00		12.00					
	802.11n20-HT0	97	6435	MCS0	10.00		9.50		9.50		12.80			
		105	6475		9.50		9.50		12.50					
		113	6515		9.50		9.50		12.50					
	802.11ac20-VHT0	97	6435	MCS0	10.00		9.50		9.50		12.80			
		105	6475		9.50		9.50		12.50					
		113	6515		9.50		9.50		12.50					
	802.11ax20-HE0	97	6435	MCS0	10.00		9.50		9.50		12.80			
		105	6475		9.50		9.50		12.50					
		113	6515		9.50		9.50		12.50					
	802.11be20-EHT0	97	6435	MCS0	10.50		9.50		9.50		13.00			
		105	6475		10.00		9.50		12.80					
		113	6515		10.00		9.50		12.80					
	802.11n40-HT0	99	6445	MCS0	12.50		Not Required		12.50		Not Required	15.50	Not Required	
		107	6485		12.50				12.00			15.30		
	802.11ac40-VHT0	99	6445	MCS0	12.50				12.50			12.50		15.50
		107	6485		12.50				12.00			15.30		
	802.11ax40-HE0	99	6445	MCS0	12.50				12.50			12.50		15.50
		107	6485		12.50				12.00			15.30		
	802.11be40-EHT0	99	6445	MCS0	12.50				12.50			12.50		15.50
		107	6485		12.50				12.50			15.50		
	802.11ac80-VHT0	103	6465	MCS0	13.00				13.00			13.00		16.00
		119	6545		13.00				13.00			16.00		
	802.11ax80-HE0	103	6465	MCS0	13.00				13.00			13.00		16.00
		119	6545		13.00				13.00			16.00		
	802.11be80-EHT0	103	6465	MCS0	13.00				13.00			13.00		16.00
119		6545	13.00		13.00	16.00								
802.11ac160-VHT0	111	6505	MCS0	13.00	13.00	13.00		16.00						
802.11ax160-HE0	111	6505	MCS0	13.00	13.00	13.00		16.00						
802.11be160-EHT0	111	6505	MCS0	13.00	13.00	13.00		16.00						
802.11be320-EHT0	95	6425	MCS0	13.00	11.56	13.00		12.96	16.00	15.30				

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Band	MIMO				Ant7		Ant8		Ant7+8				
	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)			
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	9.50	Not Required	9.00	Not Required	12.30	Not Required			
		149	6695		9.50		8.50		12.00				
		181	6855		10.50		9.50		13.00				
	802.11n20-HT0	117	6535	MCS0	9.50		9.00		12.30				
		149	6695		9.50		8.50		12.00				
		181	6855		10.50		9.50		13.00				
	802.11ac20-VHT0	117	6535	MCS0	9.50		9.00		12.30				
		149	6695		9.50		8.50		12.00				
		181	6855		10.50		9.50		13.00				
	802.11ax20-HE0	117	6535	MCS0	9.50		9.00		12.30				
		149	6695		9.50		8.50		12.00				
		181	6855		10.50		9.50		13.00				
	802.11be20-EHT0	117	6535	MCS0	9.50		9.00		12.30				
		149	6695		10.50		9.00		12.80				
		181	6855		10.50		9.50		13.00				
	802.11n40-HT0	115	6525	MCS0	14.00		14.00		17.00				
		147	6685		13.00		12.00		15.50				
		179	6845		13.00		12.50		15.80				
	802.11ac40-VHT0	115	6525	MCS0	14.00		14.00		17.00				
		147	6685		13.00		12.00		15.50				
		179	6845		13.00		12.50		15.80				
	802.11ax40-HE0	115	6525	MCS0	14.00		14.00		17.00				
		147	6685		13.00		12.00		15.50				
		179	6845		13.00		12.50		15.80				
	802.11be40-EHT0	115	6525	MCS0	14.00		14.00		17.00				
		147	6685		13.00		12.00		15.50				
		179	6845		13.50		13.00		16.30				
	802.11ac80-VHT0	135	6625	MCS0	14.00		14.00		17.00				
		151	6705		14.00		14.00		17.00				
		167	6785		14.00		14.00		17.00				
	802.11ax80-HE0	135	6625	MCS0	14.00		14.00		17.00				
		151	6705		14.00		14.00		17.00				
		167	6785		14.00		14.00		17.00				
	802.11be80-EHT0	135	6625	MCS0	14.00		14.00		17.00				
		151	6705		14.00		14.00		17.00				
		167	6785		14.00		14.00		17.00				
	802.11ac160-VHT0	143	6665	MCS0	14.00		14.00		17.00				
		175	6825		14.00		14.00		17.00				
	802.11ax160-HE0	143	6665	MCS0	14.00		14.00		17.00				
		175	6825		14.00		14.00		17.00				
	802.11be160-EHT0	143	6665	MCS0	14.00		14.00		17.00				
		175	6825		14.00		14.00		17.00				
	802.11be320-EHT0	127	6585	MCS0	14.00		12.56		14.00		13.86	17.00	16.30
		159	6745		14.00		12.41		14.00		13.52	17.00	16.00

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Ant7										
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	13.00	Not Required	12.50	Not Required	15.80	Not Required
		209	6995		10.50		9.50		13.00	
		233	7115		6.50		5.00		8.80	
	802.11n20-HT0	185	6875	MCS0	13.50		12.50		16.00	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		0.00		3.00	
	802.11ac20-VHT0	185	6875	MCS0	13.00		12.50		15.80	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		-0.50		2.80	
	802.11ax20-HE0	185	6875	MCS0	13.00		12.50		15.80	
		209	6995		10.50		9.50		13.00	
		233	7115		0.00		-0.50		2.80	
	802.11be20-EHT0	185	6875	MCS0	10.50		13.00		14.90	
		209	6995		11.00		10.00		13.50	
		233	7115		-8.00		-8.50		-5.20	
	802.11n40-HT0	187	6885	MCS0	14.00		14.00		17.00	
		227	7085		13.50		12.50		16.00	
		187	6885		14.00		14.00		17.00	
	802.11ac40-VHT0	187	6885	MCS0	14.00		14.00		17.00	
		227	7085		13.50		12.50		16.00	
		187	6885		14.00		14.00		17.00	
	802.11ax40-HE0	187	6885	MCS0	14.00		14.00		17.00	
		227	7085		13.50		12.50		16.00	
		187	6885		14.00		14.00		17.00	
	802.11be40-EHT0	187	6885	MCS0	14.00		14.00		17.00	
		227	7085		14.00		13.00		16.50	
		183	6865		14.00		14.00		17.00	
	802.11ac80-VHT0	199	6945	MCS0	14.00		14.00		17.00	
		215	7025		14.00		14.00		17.00	
		183	6865		14.00		14.00		17.00	
802.11ax80-HE0	199	6945	MCS0	14.00	14.00	17.00				
	215	7025		14.00	14.00	17.00				
	183	6865		14.00	14.00	17.00				
802.11be80-EHT0	199	6945	MCS0	14.00	14.00	17.00				
	215	7025		14.00	14.00	17.00				
	207	6985		14.00	14.00	17.00				
802.11ac160-VHT0	207	6985	MCS0	14.00	14.00	17.00				
802.11ax160-HE0	207	6985	MCS0	14.00	14.00	17.00				
802.11be160-EHT0	207	6985	MCS0	14.00	14.00	17.00				
802.11be320-EHT0	191	6905	MCS0	14.00	12.42	14.00	13.86	17.00	16.20	

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6.11 Bluetooth

ANT7 DSI0

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	18.00	17.46	18.00	Not Required	18.00	Not Required
	CH 39	2441		17.57				
	CH 78	2480		16.58				

ANT7 HEAD DSI2

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	15.00	14.44	15.00	Not Required	15.00	Not Required
	CH 39	2441		14.86				
	CH 78	2480		14.70				

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6.12 BLE

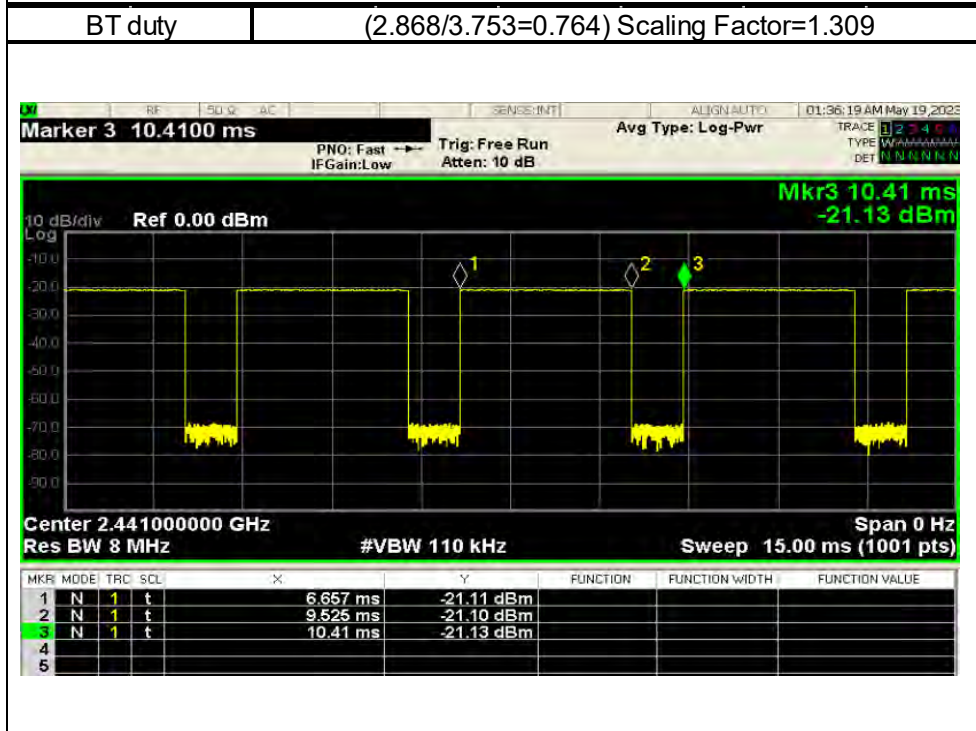
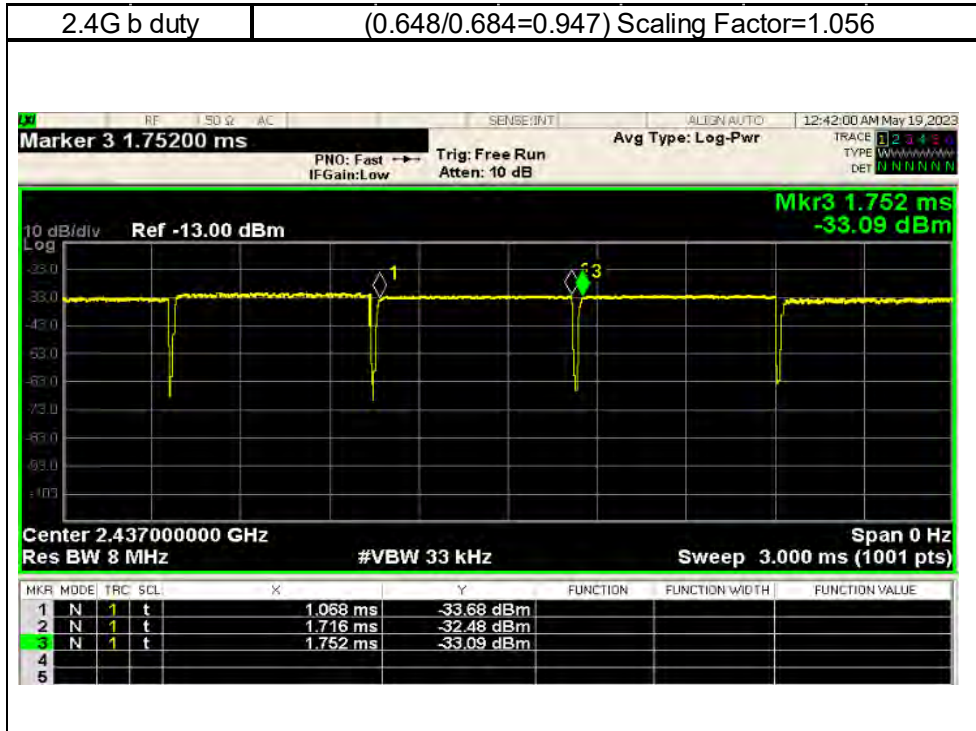
ANT7\_DSI0

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_1M	CH 00	2402	10	Not Required
	CH 19	2440		
	CH 39	2480		
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_2M	CH 00	2402	10	Not Required
	CH 19	2440		
	CH 39	2480		

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## 7 DUTY CYCLE

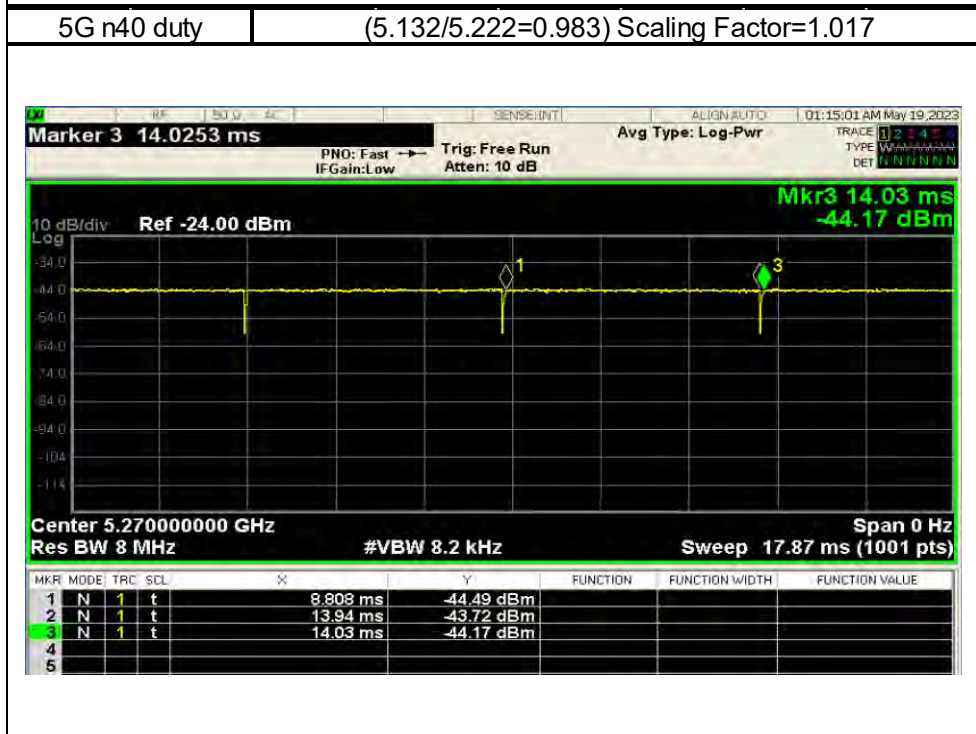
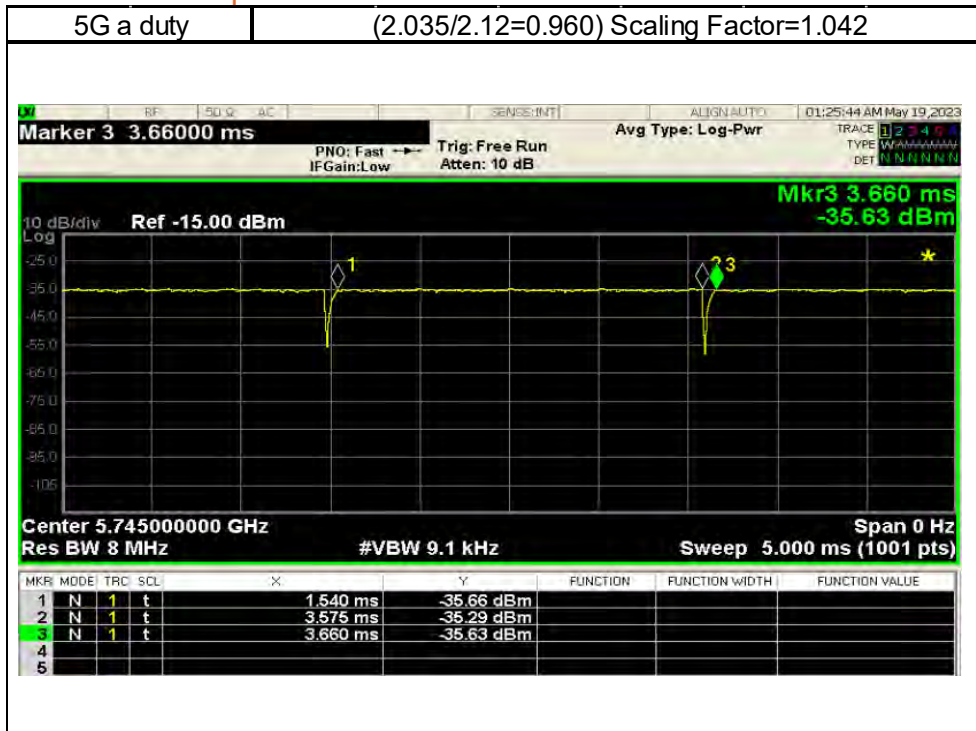


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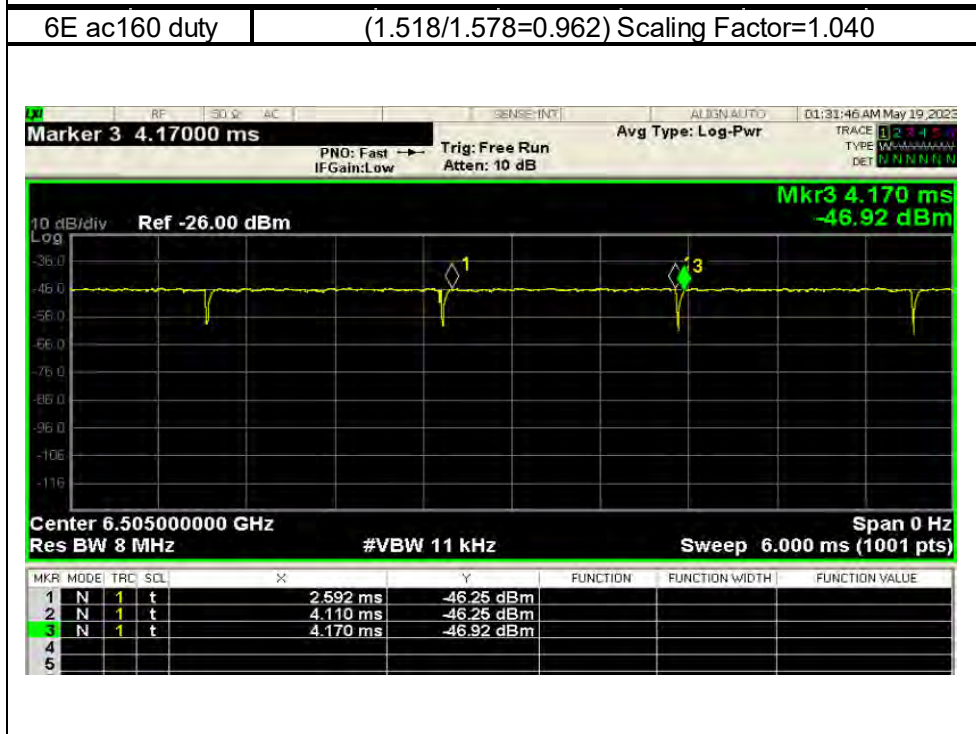
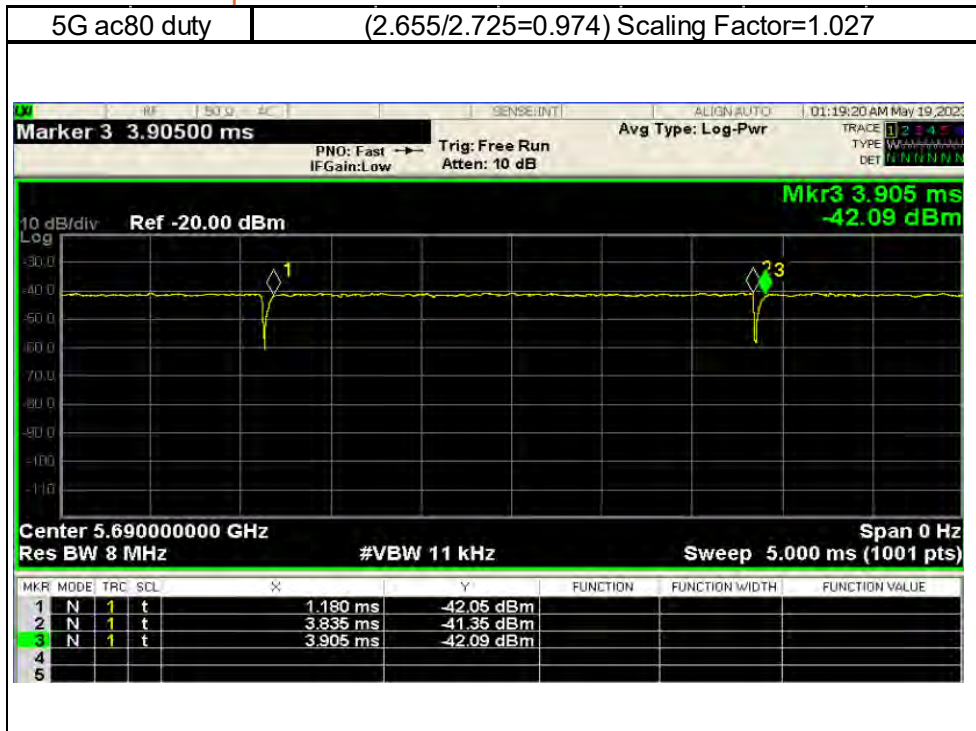




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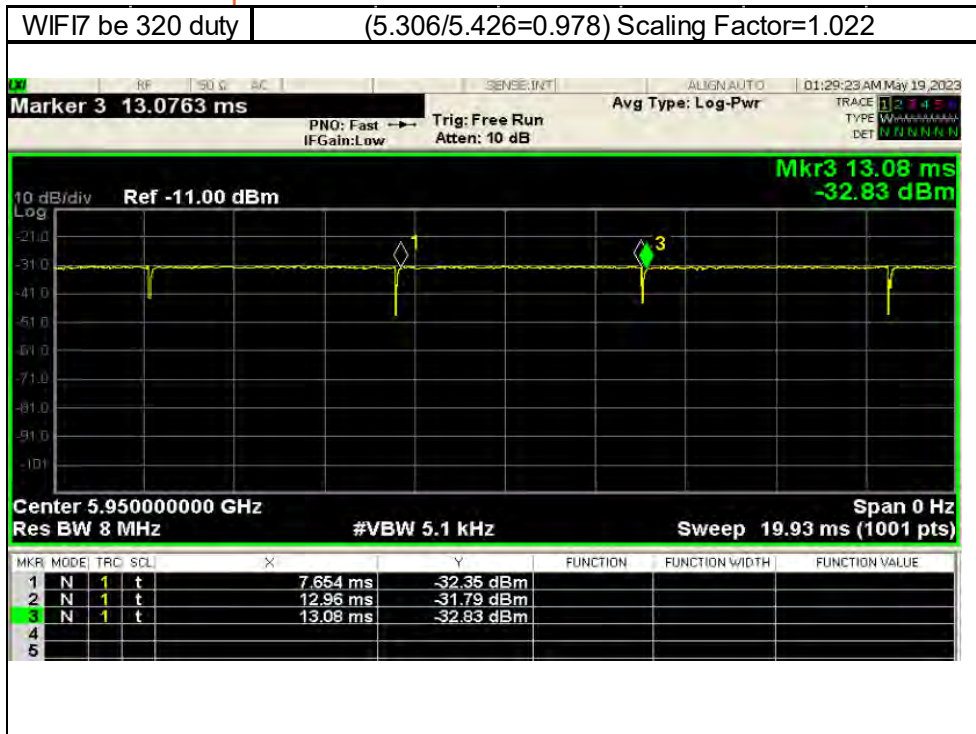
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