FCC TEST REPORT

For

Chiron pro

Model Name: N635

Issued to

Mitac Digital Technology Corporation

No.200, Wen Hwa 2nd Rd.,Kuei Shan Dist. Taoyuan, 33383 Taiwan

Issued by

Compliance Certification Services Inc. Wugu Lab
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City 24891,
Taiwan. (R.O.C.)
Issued Date: 2020/1/17

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	2020/1/17	Initial Issue	ALL	Edison Hu

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1 Certificate of Compliance (SAR Evaluation)

Applicant	Mitac Digital Technology Corporation
	No.200, Wen Hwa 2nd Rd.,Kuei Shan Dist. Taoyuan, 33383 Taiwan
Equipment Under Test:	Chiron pro
Trade Name:	Mitac, Mio, Navman, Magellan
Model Name:	N635
Date of Test:	Dec 16 ~ 27, 2019
Receive EUT Date:	Nov 5, 2019
Device Category:	PORTABLE DEVICES
Exposure Category:	GENERAL POPULATION/UNCONTROLLED EXPOSURE

Applicable Standards	
FCC	● IEEE 1528 2013 ● KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04 ● KDB 865664 D02 RF Exposure Reporting v01r02 ● KDB 447498 D01 General RF Exposure Guidance v06 ● KDB 616217 D04 SAR for laptop and tablets v01r02 ● KDB 248227 D01 SAR Meas for 802.11 v02r02 ● KDB 941225 D01 3G SAR Procedures v03r01 ● KDB 941225 D05 SAR for LTE Devices v02r05
Limit	
1.6 W/kg	
Test Result	
Pass	

The test results in this report apply only to the tested sample of the stated device/equipment. Other similar device/equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Tested by:

Kevin Tsai
Section Manager
Compliance Certification Services Inc.

Stella Chang
SAR Engineer
Compliance Certification Services Inc.

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2 Description of Equipment Under Test

Product	Chiron pro		
Trade Name	Mitac, Mio, Navman, Magellan		
Model Name	N635		
Wireless Technology	Operating Mode	TX Freq Range (MHz)	Antenna Gain(dBi)
	WCDMA Band II	1850~1910	2.92
	WCDMA Band IV	1710~1755	3.19
	WCDMA Band V	824~849	1.84
	LTE Band 2	1850~1910	2.92
	LTE Band 4	1710~1755	3.19
	LTE Band 5	824~849	1.84
	LTE Band 7	2500~2570	1.75
	LTE Band 12	699~716	-1.58
	LTE Band 13	777~787	-0.34
	LTE Band 14	788~798	0.03
	LTE Band 17	704~716	-1.58
	LTE Band 25	1850~1915	2.92
	LTE Band 26	814~849	1.84
	LTE Band 41	2496~2690	1.99
	LTE Band 66	1710~1780	3.19
	LTE Band 71	663~698	-2.35
WWAN Antenna Specification	Brand name	Auden	
	Type	PIFA	
	Parts Number	B31639-01	
Modulation Technique	Bluetooth:GFSK for 1Mbps;π/4-DQPSK for 2Mbps;8DPSK for 3Mbps / LE		
	802.11a: Orthogonal Frequency Division Multiplexing (OFDM)		
	802.11b: Direct Sequence Spread Spectrum(DSSS)		
	802.11g: Orthogonal Frequency Division Multiplexing (OFDM)		
	802.11n: Orthogonal Frequency Division Multiplexing (OFDM)		
	802.11ac: Orthogonal Frequency Division Multiplexing (OFDM)		
	Operating Mode	TX Freq Range (MHz)	Antenna Gain(dBi)
	WLAN2.4GHz	2412~2462	1.31
	WLAN5GHz	5180~5850	1.25
	Bluetooth	2402~2480	1.31
WLAN Antenna Specification	Brand name	INPAQ	
	Type	Chip	
	Parts Number	ACM3-5036-A1-CC-S	
Simulatious Transmission Configurations	WWAN+WLAN.WWAN+Bluetooth.WLAN+Bluetooth.WWAN+WLAN+Bluetooth.		
Rechargeable Li-polymer Battery–alternate	Band:ADVANTECH Model:AIM-BAT-8 Rating:3.8V/4900mAh		

Remark:

1. The sample selected for test was prototype that representative to production product and was provided by manufacturer
2. Voice call is not supported

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2.1 Summary of Highest SAR Values

Results for highest reported SAR values for each frequency band and mode are as below:

Technology / Band	Highest Measurement 1g-SAR Body-worn Mode(W/kg)	Simultaneous Transmission 1g SAR (W/kg)
WCDMA Band II	1.167	1.51
WCDMA Band IV	0.992	
WCDMA Band V	0.727	
LTE Band 2	0.889	
LTE Band 4	0.873	
LTE Band 5	1.125	
LTE Band 7	0.937	
LTE Band 12	0.498	
LTE Band 13	1.123	
LTE Band 14	1.061	
LTE Band 17	0.748	
LTE Band 25	1.068	
LTE Band 26	1.172	
LTE Band 41	0.348	
LTE Band 66	0.929	
LTE Band 71	0.512	
Wi-Fi 2.4GHz	1.091	1.51
Wi-Fi 5GHz	0.993	1.45
Bluetooth	0.003	1.51

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3 Requirements for Compliance Testing Defined

3.1 Requirements for Compliance Testing Defined by the FCC

The US Federal Communications Commission has released the report and order “Guidelines for Evaluating the Environmental Effects of RF Radiation", ET Docket No. 93-62 in August 1996 [1]. The order requires routine SAR evaluation prior to equipment authorization of portable transmitter devices, including portable telephones. For consumer products, the applicable limit is 1.6 W/kg for an uncontrolled environment and 8.0 mW/g for an occupational/controlled environment as recommended by the FCC 47 CFR §2.1093 and IEEE Std 1528-2013.

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4 Dosimetric Assessment System

These measurements were performed with the automated near-field scanning system DASY4/DASY5 from Schmid & Partner Engineering AG (SPEAG). The system is based on a high precision robot (working range greater than 0.9 m) which positions the probes with a positional repeatability of better than ± 0.02 mm. Special E- and H-field probes have been developed for measurements close to material discontinuity, the sensors of which are directly loaded with a Schottky diode and connected via highly resistive lines to the data acquisition unit. The SAR measurements were conducted with the dosimetric probe EX3DV4-SN: 3770 (manufactured by SPEAG), designed in the classical triangular configuration and optimized for dosimetric evaluation. The probe has been calibrated according to the procedure with accuracy of better than ±10%. The spherical isotropy was evaluated with the procedure and found to be better than ±0.25 dB. The phantom used was the SAM Twin Phantom as described in FCC supplement C, IEEE 1528 2013.

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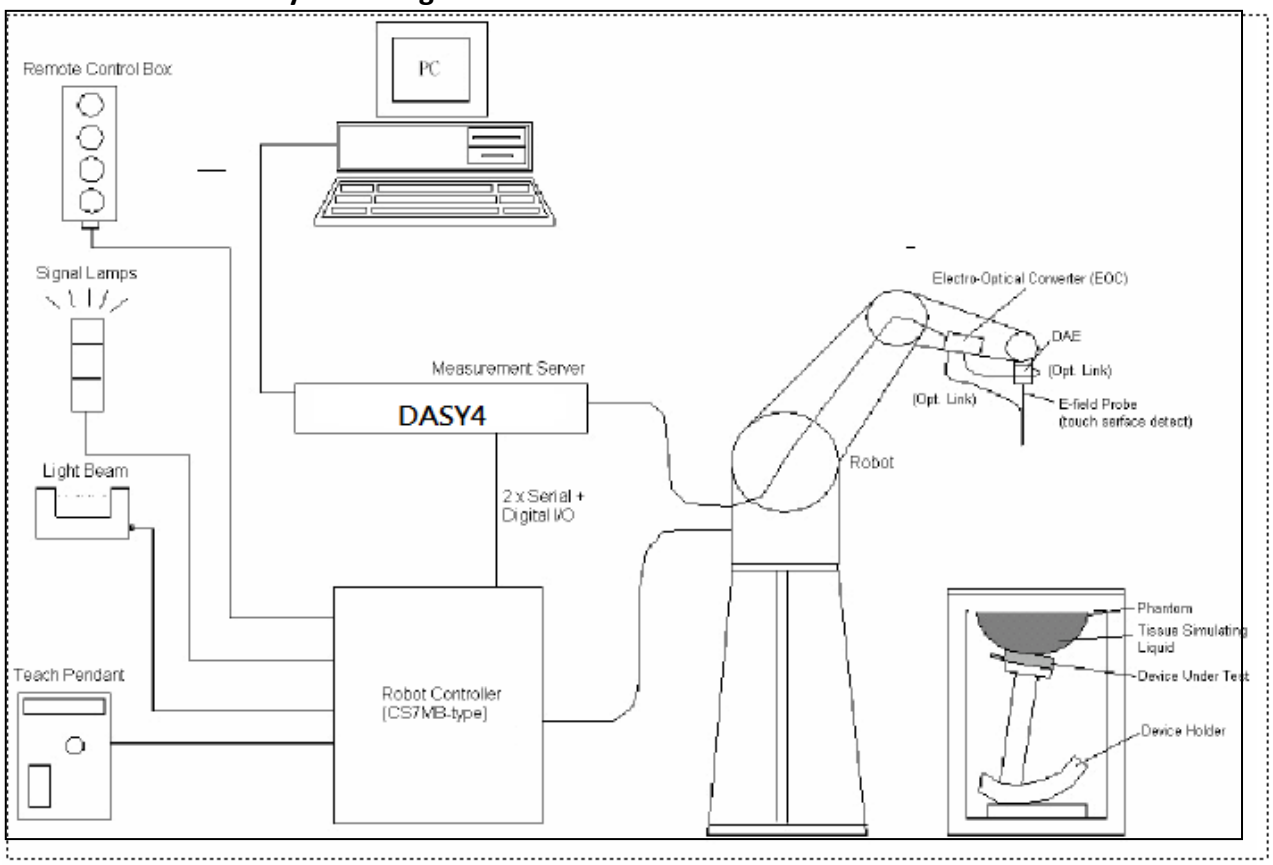
4.1 Measurement System Diagram



The DASY4/5 system for performing compliance tests consists of the following items:

- A standard high precision 6-axis robot (St¨aubli RX family) with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
- 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 between optical and electrical of the signals for the digital communication to the DAE and for the analog signal from the optical surface detection. The EOC is connected 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.
- A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
- A computer operating Windows 7 or Windows XP.
- DASY4 software version: 4.7, Build 80.
- Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
- The SAM twin phantom enabling testing left-hand and right-hand usage.
- The device holder for handheld mobile phones.
- Tissue simulating liquid mixed according to the given recipes.
- Validation dipole kits allowing validating the proper functioning of the system.

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4.2 System Components

DASY4/DASY5 Measurement Server	
	The DASY4/DASY5 measurement server is based on a PC/104 CPU board with a 166MHz low-power Pentium, 32MB chip disk and 64MB RAM. The necessary circuits for communication with either the DAE3 electronic box as well as the 16-bit AD-converter system for optical detection and digital I/O interface are contained on the DASY4/DASY5 I/O-board, which is directly connected to the PC/104 bus of the CPU board. The measurement server performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation.
	The PC-operating system cannot interfere with these time critical processes. All connections are supervised by a watchdog, and disconnection of any of the cables to the measurement server will automatically disarm the robot and disable all program-controlled robot movements. Furthermore, the measurement server is equipped with two expansion slots which are reserved for future applications. Please note that the expansion slots do not have a standardized pinout and therefore only the expansion cards provided by SPEAG can be inserted. Expansion cards from any other supplier could seriously damage the measurement server. Calibration: No calibration required.

Data Acquisition Electronics (DAE)	
	The data acquisition electronics (DAE4) consists of a highly sensitive electrometer grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD converter and a command decoder and control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock. The mechanical probe mounting device includes two different sensor systems for frontal and sideways probe contacts. They are used for mechanical surface detection and probe collision detection. The input impedance of the DAE4 box is 200MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

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EX3DV4 Isotropic E-Field Probe for Dosimetric Measurements

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: 10-3000 MHz. Conversion Factors (CF) for HSL 900 and HSL 1800 CF-Calibration for other liquids and frequencies upon request.
Frequency:	10 MHz to > 6 GHz; Linearity: ± 0.2 dB (30 MHz to 3 GHz)
Directivity:	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in HSL (rotation normal to probe axis)
Dynamic Range:	10 µW/g to > 100 mW/g; Linearity: ± 0.2 dB (noise: typically < 1 µW/g)
Dimensions:	Overall length: 330 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Distance from probe tip to dipole centers: 1 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%.

SAM Phantom (V4.0)

Construction:	The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 2013, CENELEC 50361 and IEC 62209. 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.
Shell Thickness:	2 ±0.2 mm
Filling Volume:	Approx. 25 liters
Dimensions:	Height: 810mm; Length: 1000mm; Width: 500mm

SAM Phantom (ELI4)

Construction:	Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI4 is fully compatible with the latest draft of the standard IEC 62209 Part II and all known tissue simulating liquids. ELI4 has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is supported by software version DASY4/DASY5 and higher and is compatible with all SPEAG dosimetric probes and dipoles
Shell Thickness:	2.0 ± 0.2 mm (sagging: <1%)
Filling Volume:	Approx. 25 liters
Dimensions:	Major ellipse axis: 600 mm
Minor axis:	400 mm 500mm

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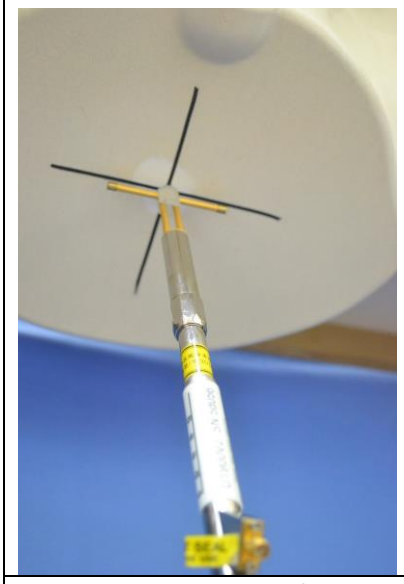
Device Holder for SAM Twin Phantom

Construction: In combination with the Twin SAM Phantom V4.0 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, and flat phantom).

System Validation Kits for SAM Phantom (V4.0)



Construction: Symmetrical dipole with l/4 balun Enables measurement of feedpoint impedance with NWA Matched for use near flat phantoms filled with brain simulating solutions Includes distance holder and tripod adaptor.

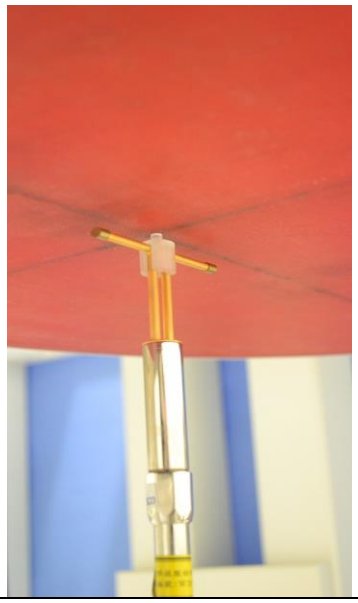
Frequency: 2450, 5300, 5600, 5800 MHz

Return loss: > 20 dB at specified validation position

Power capability: > 100 W (f < 1GHz); > 40 W (f > 1GHz)

Dimensions: D2450V2: dipole length: 51.5 mm; overall height: 290 mm
D5GHzV2: dipole length: 20.6 mm; overall height: 300 mm

System Validation Kits for ELI4 phantom



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D5GHzV2: dipole length: 20.6 mm; overall height: 300 mm

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5 Evaluation Procedures

Data Evaluation

The DASY4/DASY5 post processing software (SEMCAD) automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters:	- Sensitivity	$Norm_i$, a_{i0}, a_{i1}, a_{i2}
	- Conversion factor	$ConvF_i$
	- Diode compression point	dcp_i
Device parameters:	- Frequency	f
	- Crest factor	cf
Media parameters:	- Conductivity	σ
	- Density	ρ

These parameters must be set correctly in the software. They can be found in the component documents or be imported into the software from the configuration files issued for the DASY components. In the direct measuring mode of the multi-meter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics. If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot \frac{cf}{dcp_i}$$

with

V_i	= Compensated signal of channel i	(i = x, y, z)
U_i	= Input signal of channel i	(i = x, y, z)
cf	= Crest factor of exciting field	(DASY parameter)
dcp_i	= Diode compression point	(DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated:

E-field probes: $$E_i = \sqrt{\frac{V_i}{Norm_i \bullet ConvF}}$$

H-field probes: $$H_i = \sqrt{Vi} \cdot \frac{a_{i10} + a_{i11} f + a_{i12} f^2}{f}$$

with

V_i	= Compensated signal of channel i	(i = x, y, z)
$Norm_i$	= Sensor sensitivity of channel i	(i = x, y, z)

$\mu V/(V/m)^2$ for E0field Probes

$ConvF$	= Sensitivity enhancement in solution
aij	= Sensor sensitivity factors for H-field probes
f	= Carrier frequency (GHz)
Ei	= Electric field strength of channel i in V/m
Hi	= Magnetic field strength of channel i in A/m

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The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = \sqrt{E_x^2 + E_y^2 + E_z^2}$$

The primary field data are used to calculate the derived field units.

$$SAR = E_{tot}^2 \cdot \frac{\sigma}{\rho \cdot 1000}$$

with
SAR = local specific absorption rate in W/kg
E_{tot} = total field strength in V/m
σ = conductivity in [mho/m] or [Siemens/m]
ρ = equivalent tissue density in g/cm^3

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid.

The power flow density is calculated assuming the excitation field as a free space field.

$$P_{pwe} = \frac{E_{tot}^2}{377} \quad \text{or} \quad P_{pwe} = H_{tot}^2 \cdot 37.7$$

with
P_{pwe} = Equivalent power density of a plane wave in mW/cm^2
E_{tot} = total electric field strength in V/m
H_{tot} = total magnetic field strength in A/m

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6 SAR Measurement Procedures

6.1 Normal SAR Test Procedure

- **Power Reference Measurement**

The reference and drift jobs are useful jobs for monitoring the power drift of the device under test in the batch process. Both jobs measure the field at a specified reference position, at a selectable distance from the phantom surface. The reference position can be either the selected section's grid reference point or a user point in this section. The reference job projects the selected point onto the phantom surface, orients the probe perpendicularly to the surface, and approaches the surface using the selected detection method.

- **Area Scan**

The area scan is used as a fast scan in two dimensions to find the area of high field values, before doing a finer measurement around the hot spot. The sophisticated interpolation routines implemented in DASY4/DASY5 software can find the maximum locations even in relatively coarse grids. The scan area is defined by an editable grid. This grid is anchored at the grid reference point of the selected section in the phantom. When the area scan's property sheet is brought-up, the grid resolution has to less than 15 mm by 15 mm at frequency ≤2GHz; the grid resolution has to less than 12mm by 12 mm at frequency between 2GHz to 4GHz; grid resolution has to less than 10 mm by 10 mm at frequency between 4GHz to 6GHz.

According to KDB 865664 D01 SAR measurement 100 MHz to 6 GHz v01r04

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe abgle from probe axis to phantom surface normal at the measurement location	30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}	≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

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- **Zoom Scan**

Zoom scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. The default zoom scan measures points in accordance with the frequency can be divided into three parts. (1)The zoom scan volume was set to 5x5x7 points at frequency ≤ 2GHz. (2) The zoom scan volume was set to 7x7x7 points at frequency between 2GHz to 4GHz (3) The zoom scan volume was set to 7x7x12 points at frequency between 4GHz to 6GHz. The measures points within a cube whose base faces are centered around the maximum found in a preceding area scan job within the same procedure. If the preceding Area Scan job indicates more then one maximum, the number of Zoom Scans has to be enlarged accordingly.

According to KDB 865664 D01 SAR measurement 100 MHz to 6 GHz v01r04

<table>
<tr><td colspan="3"></td><td>≤ 3 GHz</td><td>> 3 GHz</td></tr>
<tr><td colspan="3">Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}</td><td>≤ 2 GHz: ≤ 8 mm
2 – 3 GHz: ≤ 5 mm</td><td>3 – 4 GHz: ≤ 5 mm
4 – 6 GHz: ≤ 4 mm</td></tr>
<tr><td rowspan="3">Maximum zoom scan spatial resolution, normal to phantom surface</td><td colspan="2">Uniform grid: $\Delta z_{Zoom}(n)$</td><td>≤ 5 mm</td><td>3 – 4 GHz: ≤ 4 mm
4 – 5 GHz: ≤ 3 mm
5 – 6 GHz: ≤ 2 mm</td></tr>
<tr><td rowspan="2">graded grid</td><td>$\Delta z_{Zoom}(1)$:between 1st two points losest to phantom surface</td><td>≤ 4 mm</td><td>3 – 4 GHz: ≤ 3 mm
4 – 5 GHz: ≤ 2.5 mm
5 – 6 GHz: ≤ 2 mm</td></tr>
<tr><td>$\Delta z_{Zoom}(n>1)$: between subsequent points</td><td colspan="2">≤ 1.5·$\Delta z_{Zoom}(n-1)$</td></tr>
<tr><td>Maximum zoom scan volume</td><td>x, y, z</td><td>≥ 30 mm</td><td colspan="2">3 – 4 GHz: ≥ 28 mm
4 – 5 GHz: ≥ 25 mm
5 – 6 GHz: ≥ 22 mm</td></tr>
</table>

- **Power Drift Measurement**

The drift job measures the field at the same location as the most recent reference job within the same procedure, and with the same settings. The drift measurement gives the field difference in dB from the reading conducted within the last reference measurement. Several drift measurements are possible for one reference measurement. This allows a user to monitor the power drift of the device under test within a batch process. In the properties of the Drift job, the user can specify a limit for the drift and have DASY4/DASY5 software stop the measurements if this limit is exceeded.

- **Z-Scan**

The Z Scan job measures points along a vertical straight line. The line runs along the Z-axis of a one-dimensional grid. A user can anchor the grid to the current probe location. As with any other grids, the local Z-axis of the anchor location establishes the Z-axis of the grid.

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7 Measurement Uncertainty

According to KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz section 2.8.2, SAR measurement uncertainty analysis is required in SAR reports only when the highest measured SAR in a frequency band is ≥ 1.5 W/kg for 1-g SAR, the extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval.

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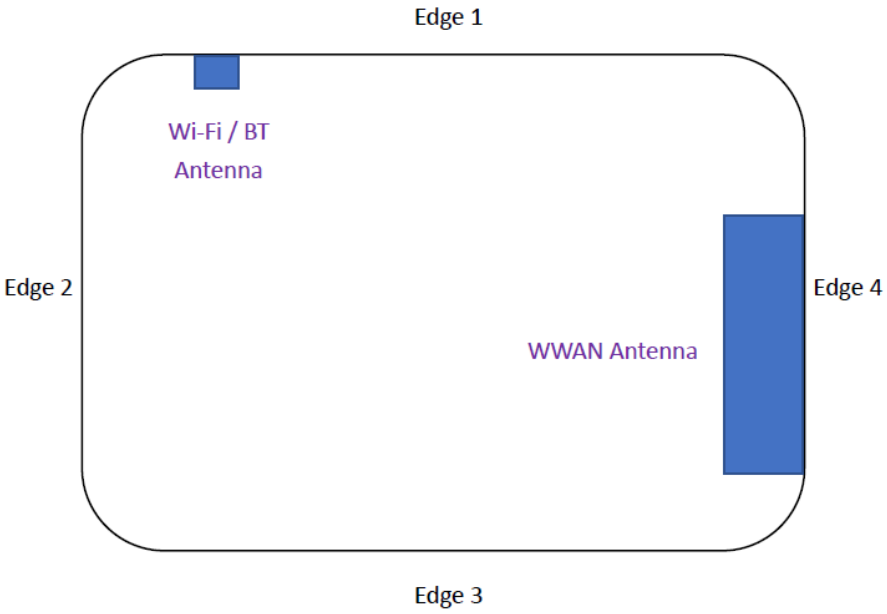
8 Antenna Location

Back View



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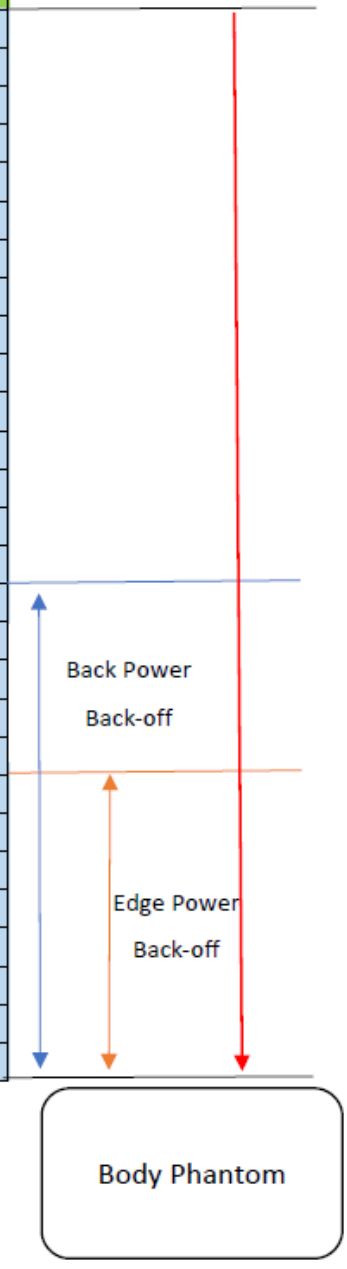
9 Proximity Sensor Status Table of Triggering distance

As per the KDB 616217 D04 SAR for laptop and tablets v01r02, section 6.2, the following procedure is used to determine the triggering distances.

Proximity Sensor Status Table when DUT is moving towards the phantom

Distance to the DUT (mm)	Proximity Sensor Status – Back	Proximity Sensor Status – Edge 3	Proximity Sensor Status – Edge 4
30	OFF	OFF	OFF
27	OFF	OFF	OFF
25	OFF	OFF	OFF
24	OFF	OFF	OFF
23	OFF	OFF	OFF
22	OFF	OFF	OFF
21	OFF	OFF	OFF
20	OFF	OFF	OFF
19	OFF	OFF	OFF
18	OFF	OFF	OFF
17	OFF	OFF	OFF
16	OFF	OFF	OFF
15	OFF	OFF	OFF
14	OFF	OFF	OFF
13	OFF	OFF	OFF
12	ON	OFF	OFF
11	ON	OFF	OFF
10	ON	OFF	OFF
9	ON	OFF	OFF
8	ON	OFF	OFF
7	ON	ON	ON
6	ON	ON	ON
5	ON	ON	ON
4	ON	ON	ON
3	ON	ON	ON
2	ON	ON	ON
1	ON	ON	ON
0	ON	ON	ON



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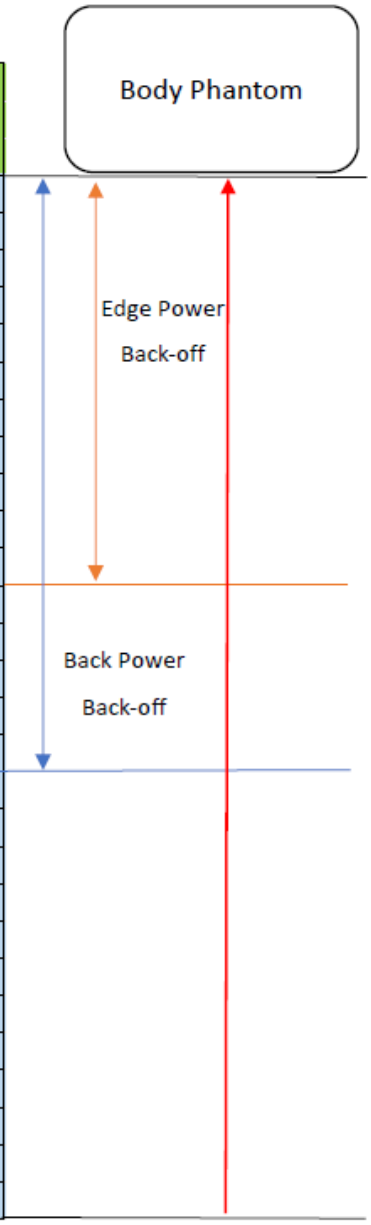
Report No.: T191105W01-SF

Proximity Sensor Status Table when DUT is moving away from the phantom

Distance to the DUT (mm)	Proximity Sensor Status – Back	Proximity Sensor Status – Edge 3	Proximity Sensor Status – Edge 4
0	ON	ON	ON
1	ON	ON	ON
2	ON	ON	ON
3	ON	ON	ON
4	ON	ON	ON
5	ON	ON	ON
6	ON	ON	ON
7	ON	ON	ON
8	ON	ON	ON
9	ON	ON	ON
10	ON	ON	ON
11	ON	OFF	OFF
12	ON	OFF	OFF
13	ON	OFF	OFF
14	ON	OFF	OFF
15	ON	OFF	OFF
16	OFF	OFF	OFF
17	OFF	OFF	OFF
18	OFF	OFF	OFF
19	OFF	OFF	OFF
20	OFF	OFF	OFF
21	OFF	OFF	OFF
22	OFF	OFF	OFF
23	OFF	OFF	OFF
24	OFF	OFF	OFF
25	OFF	OFF	OFF
27	OFF	OFF	OFF
30	OFF	OFF	OFF



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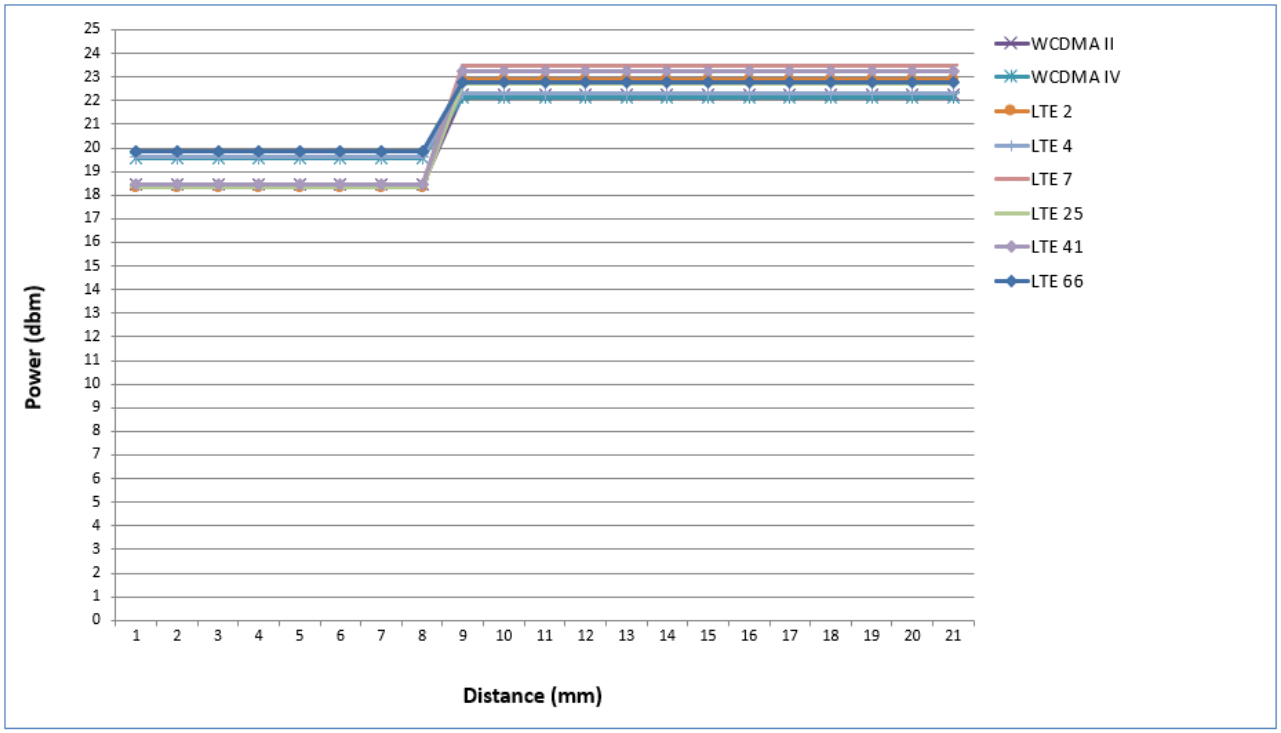
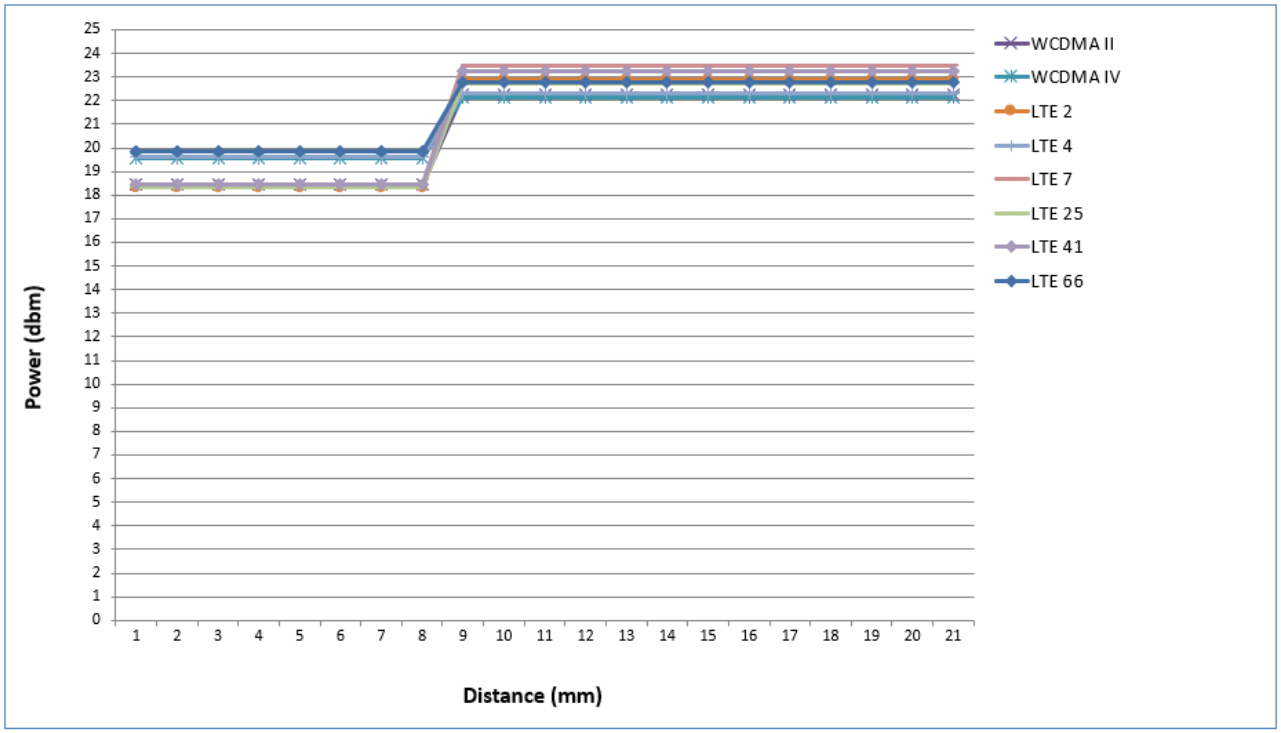
Power Reduction per Air-interface

The following graphs show the power level and the distance from the DUT to the flat phantom for Edge and Back Surface.

Back Surface



Edge 3 Surface



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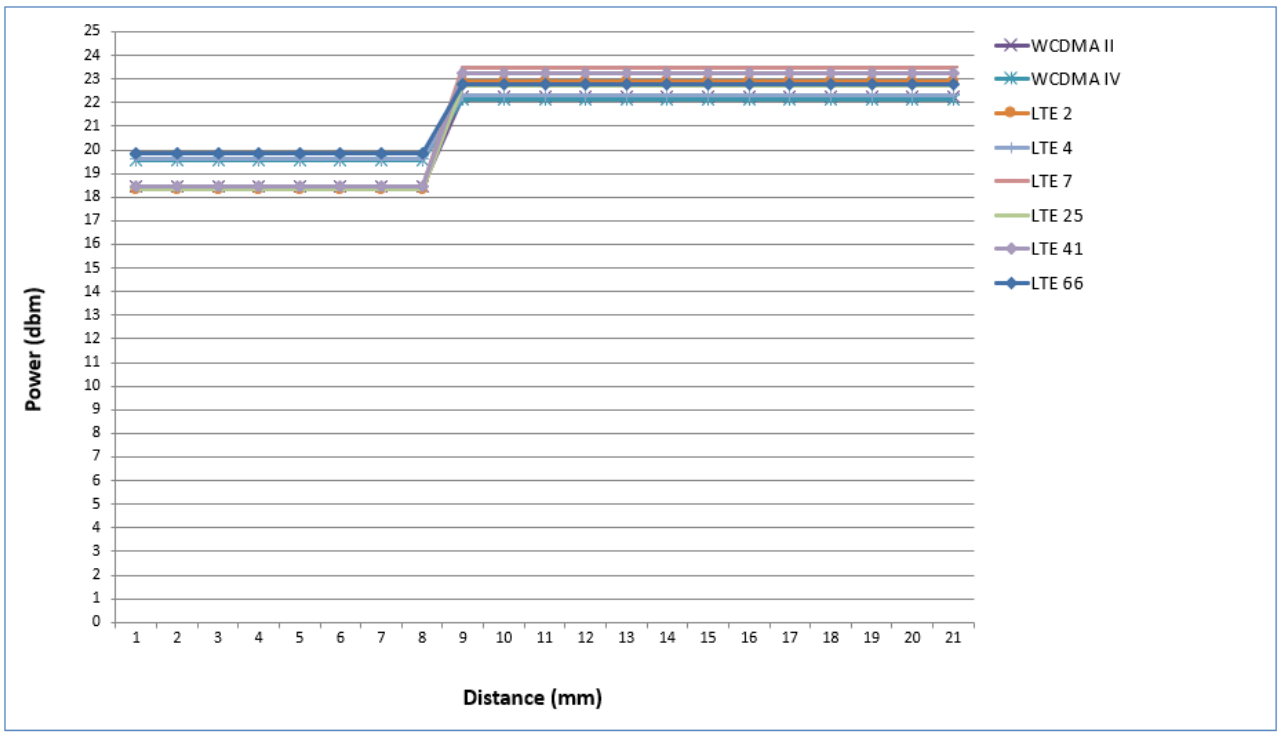
Edge 4 Surface



For verification of compliance of power reduction schome , the SAR testing at full power at a conservative trigger distance was performed :

1. Back : 10mm
2. Edge 3 : 5mm
3. Edge 4 : 5mm

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10 Summary of SAR Test Exclusion Configurations

10.1 Standalone SAR Test Exclusion Calculations

Since the device is a tablet whose antenna is already determined to not meet the minimum antenna to user separation distance for modular SAR, therefore testing is required by default.

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10.1.1 SAR Exclusion Calculations for Wi-Fi Antenna < 50mm from the User

According to KDB 447498 v06 in section 4.3.1, if the calculated **threshold value is > 3** then SAR testing is required.

Antenna	Band	Frequency (MHz)	Output Power		Separation Distances(mm)					Calculated Threshold Value				
			dBm	mW	Back	Edge 1	Edge 2	Edge 3	Edge 4	Back	Edge 1	Edge 2	Edge 3	Edge 4
WWAN	WCDMA 5	846	24.0	251	6.72	45.07	>50 mm	17.66	5.00	34.35	5.12	>50 mm	13.07	46.17
WWAN	WCDMA 4	1750	23.0	200	6.72	45.07	>50 mm	17.66	5.00	39.37	5.87	>50 mm	14.98	52.92
WWAN	WCDMA 2	1907	23.0	200	6.72	45.07	>50 mm	17.66	5.00	41.10	6.13	>50 mm	15.64	55.24
WWAN	LTE Band 71	695	23.0	200	6.72	45.07	>50 mm	17.66	5.00	24.81	3.70	>50 mm	9.44	33.35
WWAN	LTE Band 12	715	23.0	200	6.72	45.07	>50 mm	17.66	5.00	25.17	3.75	>50 mm	9.58	33.82
WWAN	LTE Band 17	713	23.0	200	6.72	45.07	>50 mm	17.66	5.00	25.13	3.75	>50 mm	9.56	33.78
WWAN	LTE Band 13	784	23.0	200	6.72	45.07	>50 mm	17.66	5.00	26.35	3.93	>50 mm	10.03	35.42
WWAN	LTE Band 14	798	23.0	200	6.72	45.07	>50 mm	17.66	5.00	26.59	3.96	>50 mm	10.12	35.73
WWAN	LTE Band 5	848	24.0	251	6.72	45.07	>50 mm	17.66	5.00	34.40	5.13	>50 mm	13.09	46.23
WWAN	LTE Band 26	848	24.0	251	6.72	45.07	>50 mm	17.66	5.00	34.40	5.13	>50 mm	13.09	46.23
WWAN	LTE Band 4	1754	23.0	200	6.72	45.07	>50 mm	17.66	5.00	39.42	5.88	>50 mm	15.00	52.98
WWAN	LTE Band 66	1779	23.0	200	6.72	45.07	>50 mm	17.66	5.00	39.70	5.92	>50 mm	15.11	53.35
WWAN	LTE Band 2	1909	23.0	200	6.72	45.07	>50 mm	17.66	5.00	41.12	6.13	>50 mm	15.65	55.27
WWAN	LTE Band 25	1914	23.0	200	6.72	45.07	>50 mm	17.66	5.00	41.17	6.14	>50 mm	15.67	55.34
WWAN	LTE Band 7	2567	23.5	224	6.72	45.07	>50 mm	17.66	5.00	53.41	7.96	>50 mm	20.32	71.78
WWAN	LTE Band 41	2687	23.5	224	6.72	45.07	>50 mm	17.66	5.00	54.64	8.15	>50 mm	20.79	73.44
Wi-Fi	2.4GHz	2462	16.5	45	9.61	5.83	31.91	>50 mm	>50 mm	7.35	12.11	2.21	>50 mm	>50 mm
Wi-Fi	5.2GHz U-NII-I	5240	12.0	16	9.61	5.83	31.91	>50 mm	>50 mm	3.81	6.28	1.15	>50 mm	>50 mm
Wi-Fi	5.3GHz U-NII-2A	5320	12.0	16	9.61	5.83	31.91	>50 mm	>50 mm	3.84	6.33	1.16	>50 mm	>50 mm
Wi-Fi	5.5GHz U-NII-2C	5720	11.0	13	9.61	5.83	31.91	>50 mm	>50 mm	3.24	5.33	0.97	>50 mm	>50 mm
Wi-Fi	5.8GHz U-NII-3	5825	11.5	14	9.61	5.83	31.91	>50 mm	>50 mm	3.52	5.80	1.06	>50 mm	>50 mm
Wi-Fi	Bluetooth	2480	10.0	10	9.61	5.83	31.91	>50 mm	>50 mm	1.64	2.70	0.49	>50 mm	>50 mm

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10.1.2 SAR Exclusion Calculations for Wi-Fi Antenna > 50mm from the User

According to KDB 447498 v06, if the calculated Power threshold is less than the output power then SAR testing is required.

Antenna	Band	Frequency (MHz)	Output Power		Separation Distances(mm)					Calculated Threshold Value				
			dBm	mW	Back	Edge 1	Edge 2	Edge 3	Edge 4	Back	Edge 1	Edge 2	Edge 3	Edge 4
WWAN	WCDMA 5	846	24.0	251	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1643.08	<50 mm	<50 mm
WWAN	WCDMA 4	1750	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1593.39	<50 mm	<50 mm
WWAN	WCDMA 2	1907	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1588.62	<50 mm	<50 mm
WWAN	LTE Band 71	695	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1659.93	<50 mm	<50 mm
WWAN	LTE Band 12	715	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1657.39	<50 mm	<50 mm
WWAN	LTE Band 17	713	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1657.64	<50 mm	<50 mm
WWAN	LTE Band 13	784	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1649.41	<50 mm	<50 mm
WWAN	LTE Band 14	798	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1647.92	<50 mm	<50 mm
WWAN	LTE Band 5	848	24.0	251	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1642.89	<50 mm	<50 mm
WWAN	LTE Band 26	848	24.0	251	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1642.89	<50 mm	<50 mm
WWAN	LTE Band 4	1754	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1593.26	<50 mm	<50 mm
WWAN	LTE Band 66	1779	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1592.46	<50 mm	<50 mm
WWAN	LTE Band 2	1909	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1588.56	<50 mm	<50 mm
WWAN	LTE Band 25	1914	23.0	200	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1588.42	<50 mm	<50 mm
WWAN	LTE Band 7	2567	23.5	224	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1573.62	<50 mm	<50 mm
WWAN	LTE Band 41	2687	23.5	224	<50 mm	<50 mm	198.00	<50 mm	<50 mm	<50 mm	<50 mm	1571.51	<50 mm	<50 mm
Wi-Fi	2.4GHz	2462	16.5	45	<50 mm	<50 mm	<50 mm	121.00	170.50	<50 mm	<50 mm	<50 mm	805.60	1300.60
Wi-Fi	5.2GHz U-NII-I	5240	12.0	16	<50 mm	<50 mm	<50 mm	121.00	170.50	<50 mm	<50 mm	<50 mm	775.53	1270.53
Wi-Fi	5.3GHz U-NII-2A	5320	12.0	16	<50 mm	<50 mm	<50 mm	121.00	170.50	<50 mm	<50 mm	<50 mm	775.03	1270.03
Wi-Fi	5.5GHz U-NII-2C	5720	11.0	13	<50 mm	<50 mm	<50 mm	121.00	170.50	<50 mm	<50 mm	<50 mm	772.72	1267.72
Wi-Fi	5.8GHz U-NII-3	5825	11.5	14	<50 mm	<50 mm	<50 mm	121.00	170.50	<50 mm	<50 mm	<50 mm	772.15	1267.15
Wi-Fi	Bluetooth	2480	10.0	10	<50 mm	<50 mm	<50 mm	121.00	170.50	<50 mm	<50 mm	<50 mm	805.25	1300.25

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10.1.3 SAR Required Test Configuration For WWAN / Wi-Fi and Bluetooth

Band	Back	Edge 1	Edge 2	Edge 3	Edge 4
WCDMA 5	Yes	Yes	No	Yes	Yes
WCDMA 4	Yes	Yes	No	Yes	Yes
WCDMA 2	Yes	Yes	No	Yes	Yes
LTE Band 71	Yes	Yes	No	Yes	Yes
LTE Band 12	Yes	Yes	No	Yes	Yes
LTE Band 17	Yes	Yes	No	Yes	Yes
LTE Band 13	Yes	Yes	No	Yes	Yes
LTE Band 14	Yes	Yes	No	Yes	Yes
LTE Band 5	Yes	Yes	No	Yes	Yes
LTE Band 26	Yes	Yes	No	Yes	Yes
LTE Band 4	Yes	Yes	No	Yes	Yes
LTE Band 66	Yes	Yes	No	Yes	Yes
LTE Band 2	Yes	Yes	No	Yes	Yes
LTE Band 25	Yes	Yes	No	Yes	Yes
LTE Band 30	Yes	Yes	No	Yes	Yes
LTE Band 7	Yes	Yes	No	Yes	Yes
LTE Band 38	Yes	Yes	No	Yes	Yes
LTE Band 41	Yes	Yes	No	Yes	Yes
2.4GHz	Yes	Yes	No	No	No
5.2GHz U-NII-I	Yes	Yes	No	No	No
5.3GHz U-NII-2A	Yes	Yes	No	No	No
5.5GHz U-NII-2C	Yes	Yes	No	No	No
5.8GHz U-NII-3	Yes	Yes	No	No	No
Bluetooth	No	No	No	No	No

Note(s):

1. Yes = SAR is required.
2. No = SAR is not required.

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11 Exposure Limit

(A). Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	2.0

(B). Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

NOTE: **Whole-Body SAR** is averaged over the entire body, **partial-body SAR** is averaged over any 1 gram of tissue defined as a tissue volume in the shape of a cube. **SAR for hands, wrists, feet and ankles** is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

Population/Uncontrolled Environments:

are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Occupational/Controlled Environments:

are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

NOTE
GENERAL POPULATION/UNCONTROLLED EXPOSURE
PARTIAL BODY LIMIT
1.6 W/kg

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12 Tissue Dielectric Properties

12.1 Test Liquid Confirmation

Simulating Liquids Parameter Check

The simulating liquids should be checked at the beginning of a series of SAR measurements to determine of the dielectric parameters are within the tolerances of the specified target values

The relative permittivity and conductivity of the tissue material should be within ± 5% of the values given in the table below 5% may not be easily achieved at certain frequencies.

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in IEEE 1528 2013 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head and body tissue parameters that have not been specified in IEEE 1528 2013 are derived from the tissue dielectric parameters computed from the 4-Cole-Cole equations and extrapolated according to the head parameters specified in IEEE 1528 2013

Target Frequency (MHz)	Head		Body	
	ε_r	σ (S/m)	ε_r	σ (S/m)
150	52.3	0.76	61.9	0.80
300	45.3	0.87	58.2	0.92
450	43.5	0.87	56.7	0.94
835	41.5	0.90	55.2	0.97
900	41.5	0.97	55.0	1.05
915	41.5	0.98	55.0	1.06
1450	40.5	1.20	54.0	1.30
1610	40.3	1.29	53.8	1.40
1800 – 2000	40.0	1.40	53.3	1.52
2450	39.2	1.80	52.7	1.95
3000	38.5	2.40	52.0	2.73
5000	36.2	4.45	49.3	5.07
5100	36.1	4.55	49.1	5.18
5200	36.0	4.66	49.0	5.30
5300	35.9	4.76	48.9	5.42
5400	35.8	4.86	48.7	5.53
5500	35.6	4.96	48.6	5.65
5600	35.5	5.07	48.5	5.77
5700	35.4	5.17	48.3	5.88
5800	35.3	5.27	48.2	6.00

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12.2 Typical Composition of Ingredients for Liquid Tissue Phantoms

The following tissue formulations are provided for reference only as some of the parameters have not been thoroughly verified. The composition of ingredients may be modified accordingly to achieve the desired target tissue parameters required for routine SAR evaluation.

Ingredients (% by weight)	Frequency (MHz)									
	450		835		915		1900		2450	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	38.56	51.16	41.45	52.4	41.05	56.0	54.9	40.4	62.7	73.2
Salt (NaCl)	3.95	1.49	1.45	1.4	1.35	0.76	0.18	0.5	0.5	0.04
Sugar	56.32	46.78	56.0	45.0	56.5	41.76	0.0	58.0	0.0	0.0
HEC	0.98	0.52	1.0	1.0	1.0	1.21	0.0	1.0	0.0	0.0
Bactericide	0.19	0.05	0.1	0.1	0.1	0.27	0.0	0.1	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.8	0.0
DGBE	0.0	0.0	0.0	0.0	0.0	0.0	44.92	0.0	0.0	26.7
Dielectric Constant	43.42	58.0	42.54	56.1	42.0	56.8	39.9	54.0	39.8	52.5
Conductivity (S/m)	0.85	0.83	0.91	0.95	1.0	1.07	1.42	1.45	1.88	1.78

alt: 99+% Pure Sodium Chloride Sugar: 98+% Pure Sucrose
Water: De-ionized, 16 MΩ+ resistivity HEC: Hydroxy thyl Cellulose
DGBE: 99+% Di(ethylene glycol) butyl ether, [2-(2-butoxyethoxy)ethanol]
Triton X-100 (ultra-pure): Polyethylene glycol mono [4-(1, 1, 3, 3-tetramethylbutyl)phenyl]ether

Simulating Liquids for 5 GHz, Manufactured by SPEAG

Ingredients	(% by weight)
Water	78
Mineral oil	11
Emulsifiers	9
Additives and Salt	2

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12.3 Simulating Liquids Parameter Check Results

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
Head	2019/12/16	5270	35.950	4.711	35.683	4.593	-0.74%	-2.50%
		5300	35.900	4.760	35.518	4.599	-1.06%	-3.39%
		5310	35.900	4.760	35.497	4.628	-1.12%	-2.78%
		5510	35.650	4.965	34.865	4.873	-2.20%	-1.85%
		5550	35.650	4.965	34.709	4.939	-2.64%	-0.52%
		5600.0	35.500	5.070	34.593	4.987	-2.55%	-1.64%
		5630	35.500	5.070	34.470	5.027	-2.90%	-0.85%
		5670	35.450	5.121	34.349	5.095	-3.11%	-0.50%
		5710	35.400	5.170	34.248	5.133	-3.25%	-0.72%
	2019/12/17	5755	35.350	5.220	34.051	5.173	-3.67%	-0.89%
		5795	35.350	5.220	33.948	5.251	-3.97%	0.60%
		5800.0	35.300	5.270	33.893	5.249	-3.99%	-0.40%
	2019/12/18	2412	39.256	1.765	38.568	1.815	-1.75%	2.85%
		2437	39.219	1.788	38.464	1.849	-1.92%	3.42%
		2450.0	39.200	1.800	38.539	1.866	-1.69%	3.67%
		2462	39.181	1.812	38.541	1.881	-1.63%	3.84%
		2510	39.117	1.861	37.545	1.849	-4.02%	-0.64%
		2535	39.084	1.888	37.371	1.877	-4.38%	-0.59%
		2560	39.051	1.916	37.354	1.910	-4.35%	-0.30%
		2600.0	39.000	1.960	37.169	1.952	-4.69%	-0.41%
	2019/12/19	2506	39.123	1.857	37.898	1.899	-3.13%	2.28%
		2510	39.117	1.861	37.870	1.894	-3.19%	1.78%
		2549.5	39.065	1.904	37.711	1.939	-3.47%	1.86%
		2593	39.009	1.952	37.531	1.993	-3.79%	2.08%
		2600.0	39.000	1.960	37.478	1.999	-3.90%	1.99%
		2636.5	38.963	2.003	37.328	2.038	-4.20%	1.75%
		2680	38.907	2.051	37.191	2.074	-4.41%	1.13%
	2019/12/20	1880	40.000	1.400	39.198	1.446	-2.01%	3.29%
		1852.4	40.000	1.400	39.310	1.416	-1.72%	1.14%
		1900.0	40.000	1.400	39.160	1.458	-2.10%	4.14%
		1907.6	40.000	1.400	39.137	1.467	-2.16%	4.79%

According to April 2019 TCB workshop,Effective February 19,2019,FCC has permitted the use of single head-tissue simulating liquid specified in IEC 62209-1 for all SAR tests.

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Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
Head	2019/12/23	1860	40.000	1.400	38.972	1.437	-2.57%	2.64%
		1860	40.000	1.400	38.972	1.437	-2.57%	2.64%
		1880	40.000	1.400	38.882	1.448	-2.80%	3.43%
		1882.5	40.000	1.400	38.900	1.458	-2.75%	4.14%
		1900.0	40.000	1.400	38.830	1.466	-2.93%	4.71%
		1900	40.000	1.400	38.830	1.466	-2.93%	4.71%
		1905	40.000	1.400	38.795	1.475	-3.01%	5.36%
	2019/12/24	1712.4	40.104	1.364	39.476	1.306	-1.57%	-4.22%
		1720	40.089	1.369	39.438	1.311	-1.62%	-4.24%
		1720	40.089	1.369	39.438	1.311	-1.62%	-4.24%
		1732.4	40.067	1.377	39.399	1.324	-1.67%	-3.83%
		1732.5	40.067	1.377	39.402	1.324	-1.66%	-3.83%
		1745	40.046	1.384	39.338	1.335	-1.77%	-3.55%
		1745	40.046	1.384	39.338	1.335	-1.77%	-3.55%
		1750.0	40.038	1.387	39.343	1.339	-1.74%	-3.43%
		1752.6	40.036	1.388	39.336	1.341	-1.75%	-3.36%
		1770	40.015	1.395	39.257	1.360	-1.89%	-2.50%
	2019/12/25	821.5	41.519	0.897	43.271	0.883	4.22%	-1.58%
		826.4	41.508	0.898	43.260	0.886	4.22%	-1.35%
		829	41.504	0.899	43.208	0.892	4.11%	-0.75%
		831.5	41.502	0.899	43.207	0.894	4.11%	-0.57%
		835	41.500	0.900	43.158	0.897	4.00%	-0.33%
		836.5	41.500	0.900	43.110	0.899	3.88%	-0.14%
		836.6	41.500	0.900	43.118	0.899	3.90%	-0.14%
		841.5	41.500	0.902	43.026	0.902	3.68%	-0.04%
		844	41.500	0.904	43.052	0.907	3.74%	0.30%
		846.6	41.500	0.906	42.973	0.908	3.55%	0.23%
	2019/12/26	704	42.133	0.887	42.422	0.850	0.69%	-4.15%
		707.5	42.117	0.887	42.499	0.854	0.91%	-3.72%
		709	42.107	0.887	42.473	0.852	0.87%	-3.96%
		710	42.102	0.887	42.378	0.861	0.66%	-2.95%
		711	42.097	0.887	42.428	0.860	0.79%	-3.08%
		711	42.097	0.887	42.428	0.860	0.79%	-3.08%
		750.0	41.900	0.890	41.916	0.896	0.04%	0.67%
		782	41.711	0.892	41.459	0.922	-0.60%	3.32%
		793	41.644	0.893	41.282	0.929	-0.87%	3.98%
	2019/12/27	673.0	42.342	0.887	43.987	0.849	3.89%	-4.32%
		750	41.900	0.890	42.981	0.909	2.58%	2.13%

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13 System Performance Check

The system performance check is performed prior to any usage of the system in order to guarantee reproducible results. The system performance check verifies that the system operates within its specifications. The system performance check results are tabulated below. And also the corresponding SAR plot is attached as well in the SAR plots files.

System Performance Check Measurement Conditions

- The measurements were performed in the flat section of the SAM twin phantom filled with Head simulating liquid of the following parameters.
- The DASY4/DASY5 system with an E-field probe EX3DV4 SN: 3770 was used for the measurements.
- The dipole was mounted on the small tripod so that the dipole feed point was positioned below the center marking of the flat phantom section and the dipole was oriented parallel to the body axis (the long side of the phantom). The standard measuring distance was 15 mm (below 1 GHz) and 10 mm (above 1 GHz) from dipole center to the simulating liquid surface.
- The coarse grid with a grid spacing of 10mm was aligned with the dipole.
- Special 7x7x7 fine cube was chosen for cube integration (dx=dy= 5 mm, dz= 5 mm).
- Distance between probe sensors and phantom surface was set to 3.0 mm.
- The dipole input power (forward power) was 250 mW±3% and 100 mW ±3%(above 2GHz).
- The results are normalized to 1 W input power.

Reference SAR Values for System Performance Check

The reference SAR values can be obtained from the calibration certificate of system validation dipoles

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Report No.: T191105W01-SF

System Dipole	Serial No.	Cal. Date	Freq. (MHz)	Target SAR Values (W/kg)		
				1g/10g	Head	Body
D750V3	1015	2019/08/23	750	1g	2.16	N/A
				10g	1.42	N/A
D835V2	4d063	2019/08/23	835	1g	2.42	N/A
				10g	1.57	N/A
D1750V2	1008	2019/08/23	1750	1g	9.13	N/A
				10g	4.83	N/A
D1900V2	5d173	2019/04/23	1900	1g	9.92	N/A
				10g	5.22	N/A
D2450V2	727	2019/04/24	2450	1g	13.6	N/A
				10g	6.28	N/A
D2600V2	1005	2019/01/28	2600	1g	14.20	N/A
				10g	6.27	N/A
D5GHzV2	1023	2019/01/30	5200	1g	7.89	N/A
				10g	2.24	N/A
D5GHzV2	1023	2019/01/30	5300	1g	8.24	N/A
				10g	2.34	N/A
D5GHzV2	1023	2019/01/30	5600	1g	8.55	N/A
				10g	2.43	N/A
D5GHzV2	1023	2019/01/30	5800	1g	8.02	N/A
				10g	2.26	N/A

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13.1 System Performance Check Results

Date	System Dipole			Parameters	Target	Measured	Deviation[%]	Limited[%]
	Type	Serial No.	Liquid					
2019/12/26	D750V3	1015	Head	1g SAR:	2.16	2.09	-3.24	± 10
				10g SAR:	1.42	1.40	-1.41	± 10
2019/12/27	D750V3	1015	Head	1g SAR:	2.16	2.12	-1.85	± 10
				10g SAR:	1.42	1.42	0.00	± 10
2019/12/25	D835V2	4d063	Head	1g SAR:	2.42	2.30	-4.96	± 10
				10g SAR:	1.57	1.52	-3.18	± 10
2019/12/24	D1750V2	1008	Head	1g SAR:	9.13	8.45	-7.45	± 10
				10g SAR:	4.83	4.54	-6.00	± 10
2019/12/23	D1900V2	5d173	Head	1g SAR:	9.92	10.30	3.83	± 10
				10g SAR:	5.22	5.45	4.41	± 10
2019/12/20	D1900V2	5d173	Head	1g SAR:	9.92	10.00	0.81	± 10
				10g SAR:	5.22	5.30	1.53	± 10
2019/12/18	D2450V2	727	Head	1g SAR:	13.60	14.50	6.62	± 10
				10g SAR:	6.28	6.66	6.05	± 10
2019/12/18	D2600V2	1005	Head	1g SAR:	14.20	14.10	-0.70	± 10
				10g SAR:	6.27	6.15	-1.91	± 10
2019/12/19	D2600V2	1005	Head	1g SAR:	14.20	14.50	2.11	± 10
				10g SAR:	6.27	6.29	0.32	± 10
2019/12/16	D5GHzV2	1023	Head	1g SAR:	8.24	8.41	2.06	± 10
				10g SAR:	2.34	2.40	2.56	± 10
2019/12/16	D5GHzV2	1023	Head	1g SAR:	8.55	8.56	0.12	± 10
				10g SAR:	2.43	2.42	-0.41	± 10
2019/12/17	D5GHzV2	1023	Head	1g SAR:	8.02	8.06	0.50	± 10
				10g SAR:	2.26	2.25	-0.44	± 10

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14 RF Output Power Measurement

14.1 WCDMA Output Power

Release 99

The following tests were completed according to the test requirements outlined in section 5.2 of the 3GPP TS34.121-1 V8.5.0 specification. A summary of these settings are illustrated below:

Mode	Subtest	Rel99
WCDMA General Settings	Loopback Mode	Test Mode 1
	Rel99 RMC	12.2kbps RMC
	Power Control Algorithm	Algorithm2
	βc/βd	8/15

HSDPA

The following 4 Sub-tests were completed according to Release 6 procedures in section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

	Mode	HSDPA	HSDPA	HSDPA	HSDPA
	Subtest	1	2	3	4
W-CDMA General Settings	Loopback Mode	Test Mode 1			
	Rel99 RMC	12.2kbps RMC			
	HSDPA FRC	H-Set1			
	Power Control Algorithm	Algorithm 2			
	βc	2/15	12/15	15/15	15/15
	βd	15/15	15/15	8/15	4/15
	Bd (SF)	64			
	βc/βd	2/15	12/15	8/15	4/15
	βhs	4/15	24/15	30/15	30/15
	CM (dB)	0	1	1.5	1.5
HSDPA Specific Settings	D_{ACK}	8			
	D_{NAK}	8			
	DCQI	8			
	Ack-Nack repetition factor	3			
	CQI Feedback (Table 5.2B.4)	4ms			
	CQI Repetition Factor (Table 5.2B.4)	2			
	Ahs =βhs/βc	30/15			

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HSPA (HSDPA & HSUPA)

The following 5 Sub-tests were completed according to Release 6 procedures in section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

	Mode	HSPA	HSPA	HSPA	HSPA	HSPA
	Subtest	1	2	3	4	5
W-CDMA General Settings	Loopback Mode	Test Mode 1				
	Rel99 RMC	12.2kbps RMC				
	HSDPA FRC	H-Set1				
	HSUPA Test	HSUPA Loopback				
	Power Control Algorithm	Algorithm2				
	βc	11/15	6/15	15/15	2/15	15/15
	βd	15/15	15/15	9/15	15/15	15/15
	βec	209/225	12/15	30/15	2/15	24/15
	βc/βd	11/15	6/15	9/15	2/15	15/15
	βhs	22/15	12/15	30/15	4/15	30/15
	βed	1309/225	94/75	47/15	56/75	134/15
	CM (dB)	1	3	2	3	1
	MPR (dB)	0	2	1	2	0
HSDPA Specific Settings	DACK	8				
	DNAK	8				
	DCQI	8				
	Ack-Nack repetition factor	3				
	CQI Feedback (Table 5.2B.4)	4ms				
	CQI Repetition Factor (Table 5.2B.4)	2				
	Ahs = βhs/βc	30/15				
HSUPA Specific Settings	D E-DPCCH	6	8	8	5	7
	DHARQ	0	0	0	0	0
	AG Index	20	12	15	17	21
	ETFCI (from 34.121 Table C.11.1.3)	75	67	92	71	81
	Associated Max UL Data Rate kbps	242.1	174.9	482.8	205.8	308.9
	Reference E_TFCIs	E-TFCI 11		E-TFCI 11	E-TFCI 11	
		E-TFCI PO 4		E-TFCI PO 4	E-TFCI PO 4	
		E-TFCI 67		E-TFCI 92	E-TFCI 67	
		E-TFCI PO 18		E-TFCI PO 18	E-TFCI PO 18	
		E-TFCI 71			E-TFCI 71	
		E-TFCI PO 23			E-TFCI PO 23	
		E-TFCI 75			E-TFCI 75	
		E-TFCI PO 26			E-TFCI PO 26	
		E-TFCI 81			E-TFCI 81	
		E-TFCI PO 27			E-TFCI PO 27	

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Full Output Power table

Band		WCDMA II			Tune up (dBm)
TX Channel		9262	9400	9538	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	22.24	22.08	22.06	23.00
3GPP Rel 5	HSDPA Subtest-1	21.24	21.21	20.81	22.00
	HSDPA Subtest-2	21.21	21.21	20.76	22.00
	HSDPA Subtest-3	21.23	21.18	20.74	21.50
	HSDPA Subtest-4	21.23	21.24	20.74	21.50
3GPP Rel 6	HSUPA Subtest-1	22.10	21.80	21.80	22.00
	HSUPA Subtest-2	19.90	19.90	19.80	20.50
	HSUPA Subtest-3	19.70	19.80	19.80	20.50
	HSUPA Subtest-4	20.90	20.70	20.70	21.50
	HSUPA Subtest-5	21.50	21.50	21.40	22.00

Band		WCDMA IV			Tune up (dBm)
TX Channel		1312	1412	1513	
Frequency (MHz)		1712.4	1732.4	1752.6	
3GPP Rel 99	RMC 12.2Kbps	21.90	22.13	22.10	23.00
3GPP Rel 5	HSDPA Subtest-1	21.43	21.76	21.77	22.00
	HSDPA Subtest-2	21.42	21.79	21.72	22.00
	HSDPA Subtest-3	21.34	21.47	21.43	21.50
	HSDPA Subtest-4	21.34	21.49	21.45	21.50
3GPP Rel 6	HSUPA Subtest-1	21.80	22.00	21.90	22.00
	HSUPA Subtest-2	20.00	19.90	19.60	20.50
	HSUPA Subtest-3	20.00	20.00	19.90	20.50
	HSUPA Subtest-4	20.60	20.50	20.50	21.50
	HSUPA Subtest-5	21.70	21.70	21.80	22.00

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Band		WCDMA V			Tune up (dBm)
TX Channel		4132	4183	4233	
Frequency (MHz)		826.4	836.6	846.6	
3GPP Rel 99	RMC 12.2Kbps	23.88	23.96	23.94	24.00
3GPP Rel 5	HSDPA Subtest-1	21.84	22.11	22.32	23.00
	HSDPA Subtest-2	21.74	22.13	22.25	23.00
	HSDPA Subtest-3	21.78	22.18	22.26	22.50
	HSDPA Subtest-4	21.82	22.16	22.32	22.50
3GPP Rel 6	HSUPA Subtest-1	22.40	22.50	22.40	23.00
	HSUPA Subtest-2	21.20	21.20	21.30	21.50
	HSUPA Subtest-3	21.30	21.50	21.40	21.50
	HSUPA Subtest-4	22.20	22.20	22.20	22.50
	HSUPA Subtest-5	22.40	22.50	22.40	23.00

Reduced Output Power table

Band		WCDMA II			Tune up (dBm)
TX Channel		9262	9400	9538	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	18.40	18.44	18.42	18.50
3GPP Rel 5	HSDPA Subtest-1	18.40	18.37	18.40	18.50
	HSDPA Subtest-2	18.30	18.32	18.35	18.50
	HSDPA Subtest-3	18.35	18.32	18.40	18.50
	HSDPA Subtest-4	18.35	18.36	18.30	18.50
3GPP Rel 6	HSUPA Subtest-1	18.30	18.36	18.40	18.50
	HSUPA Subtest-2	18.28	18.30	18.40	18.50
	HSUPA Subtest-3	18.24	18.32	18.31	18.50
	HSUPA Subtest-4	18.20	18.34	18.31	18.50
	HSUPA Subtest-5	18.31	18.26	18.34	18.50

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Band		WCDMA IV			Tune up (dBm)
TX Channel		1312	1412	1513	
Frequency (MHz)		1712.4	1732.4	1752.6	
3GPP Rel 99	RMC 12.2Kbps	19.35	19.54	19.44	20.00
3GPP Rel 5	HSDPA Subtest-1	18.83	18.53	18.61	19.00
	HSDPA Subtest-2	18.31	18.72	18.92	19.00
	HSDPA Subtest-3	18.17	18.51	18.34	18.50
	HSDPA Subtest-4	18.33	18.39	18.50	18.50
3GPP Rel 6	HSUPA Subtest-1	18.51	18.95	18.93	19.00
	HSUPA Subtest-2	17.23	16.83	16.49	17.50
	HSUPA Subtest-3	16.68	17.12	16.70	17.50
	HSUPA Subtest-4	17.71	17.24	17.21	18.50
	HSUPA Subtest-5	18.59	18.97	18.79	19.00

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14.2 LTE Output Power

According to KDB 941225 D05v02r05 Section 5.2 ,

QPSK with 1 RB allocation

Start with the largest channel bandwidth then measure SAR for QPSK with 1 RB allocation, using the RB offset and *required test channel* combination with the highest maximum output power among RB offsets at the upper edge, middle, and lower edge of each *required test channel*. When the *reported* SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and *required test channels* is not required for 1 RB allocation; otherwise, SAR is required for the remaining *required test channels* and only for the RB offset configuration with the highest output power for that channel.When the *reported* SAR of a *required test channel* is > 1.45 W/kg, SAR is required for all three RB offset configurations for that *required test channel*.

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.

QPSK with 100% RB allocation

For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations, and the highest *reported* SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the *reported* SAR is > 1.45 W/kg, the remaining *required test channels* must also be tested.

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Full Output Power table

LTE Band 2

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	18700	22.84	23	0
				1880	18900	22.85	23	0
				1900	19100	22.92	23	0
			49	1860	18700	22.29	23	0
				1880	18900	22.72	23	0
				1900	19100	22.35	23	0
			99	1860	18700	22.72	23	0
				1880	18900	22.67	23	0
				1900	19100	22.89	23	0
		50 RB	0	1860	18700	21.44	22	0-1
				1880	18900	21.34	22	0-1
				1900	19100	21.46	22	0-1
			24	1860	18700	21.28	22	0-1
				1880	18900	21.11	22	0-1
				1900	19100	21.35	22	0-1
			50	1860	18700	21.39	22	0-1
				1880	18900	21.3	22	0-1
				1900	19100	21.43	22	0-1
		100RB		1860	18700	21.58	22	0-1
				1880	18900	21.39	22	0-1
				1900	19100	21.59	22	0-1
	16-QAM	1 RB	0	1860	18700	21.92	22	0-1
				1880	18900	21.82	22	0-1
				1900	19100	21.85	22	0-1
			49	1860	18700	21.55	22	0-1
				1880	18900	21.42	22	0-1
				1900	19100	21.56	22	0-1
			99	1860	18700	21.94	22	0-1
				1880	18900	21.93	22	0-1
				1900	19100	21.84	22	0-1
		50 RB	0	1860	18700	20.49	21	0-2
				1880	18900	20.37	21	0-2
				1900	19100	20.47	21	0-2
			24	1860	18700	20.37	21	0-2
				1880	18900	20.15	21	0-2
				1900	19100	20.4	21	0-2
			50	1860	18700	20.44	21	0-2
				1880	18900	20.37	21	0-2
				1900	19100	20.47	21	0-2
		100RB		1860	18700	20.57	21	0-2
				1880	18900	20.36	21	0-2
				1900	19100	20.58	21	0-2
	64-QAM	1 RB	0	1860	18700	20.96	21	0-2
				1880	18900	20.88	21	0-2
				1900	19100	20.96	21	0-2
			49	1860	18700	20.45	21	0-2
				1880	18900	20.29	21	0-2
				1900	19100	20.39	21	0-2
			99	1860	18700	20.88	21	0-2
				1880	18900	20.82	21	0-2
				1900	19100	20.82	21	0-2
		50 RB	0	1860	18700	19.49	20	0-3
				1880	18900	19.35	20	0-3
				1900	19100	19.48	20	0-3
			24	1860	18700	19.35	20	0-3
				1880	18900	19.3	20	0-3
				1900	19100	19.4	20	0-3
			50	1860	18700	19.45	20	0-3
				1880	18900	19.31	20	0-3
				1900	19100	19.45	20	0-3
		100RB		1860	18700	19.58	20	0-3
				1880	18900	19.35	20	0-3
				1900	19100	19.54	20	0-3
15	QPSK	1 RB	0	1857.5	18675	22.78	23	0
				1880	18900	22.76	23	0
				1902.5	19125	22.82	23	0
			36	1857.5	18675	22.17	23	0
				1880	18900	22.68	23	0
				1902.5	19125	22.29	23	0
			74	1857.5	18675	22.50	23	0
				1880	18900	22.51	23	0
				1902.5	19125	22.79	23	0
		36 RB	0	1857.5	18675	21.41	22	0-1
				1880	18900	21.15	22	0-1
				1902.5	19125	21.29	22	0-1
			18	1857.5	18675	21.06	22	0-1
				1880	18900	21.02	22	0-1
				1902.5	19125	21.16	22	0-1
			37	1857.5	18675	21.30	22	0-1
				1880	18900	21.26	22	0-1
				1902.5	19125	21.31	22	0-1
		75RB		1857.5	18675	21.55	22	0-1
				1880	18900	21.27	22	0-1
				1902.5	19125	21.53	22	0-1
	16-QAM	1 RB	0	1857.5	18675	21.89	22	0-1
				1880	18900	21.74	22	0-1
				1902.5	19125	21.70	22	0-1
			36	1857.5	18675	21.41	22	0-1
				1880	18900	21.39	22	0-1
				1902.5	19125	21.49	22	0-1
			74	1857.5	18675	21.75	22	0-1
				1880	18900	21.83	22	0-1
				1902.5	19125	21.62	22	0-1
		36 RB	0	1857.5	18675	20.35	21	0-2
				1880	18900	20.20	21	0-2
				1902.5	19125	20.40	21	0-2
			18	1857.5	18675	20.25	21	0-2
				1880	18900	20.00	21	0-2
				1902.5	19125	20.26	21	0-2
			37	1857.5	18675	20.41	21	0-2
				1880	18900	20.18	21	0-2
				1902.5	19125	20.25	21	0-2
		75RB		1857.5	18675	20.38	21	0-2
				1880	18900	20.23	21	0-2
				1902.5	19125	20.55	21	0-2
	64-QAM	1 RB	0	1857.5	18675	20.90	21	0-2
				1880	18900	20.68	21	0-2
				1902.5	19125	20.87	21	0-2
			36	1857.5	18675	20.37	21	0-2
				1880	18900	20.11	21	0-2
				1902.5	19125	20.17	21	0-2
			74	1857.5	18675	20.74	21	0-2
				1880	18900	20.78	21	0-2
				1902.5	19125	20.62	21	0-2
		36 RB	0	1857.5	18675	19.41	20	0-3
				1880	18900	19.13	20	0-3
				1902.5	19125	19.32	20	0-3
			18	1857.5	18675	19.24	20	0-3
				1880	18900	18.98	20	0-3
				1902.5	19125	19.25	20	0-3
			37	1857.5	18675	19.24	20	0-3
				1880	18900	19.10	20	0-3
				1902.5	19125	19.32	20	0-3
		75RB		1857.5	18675	19.37	20	0-3
				1880	18900	19.16	20	0-3
				1902.5	19125	19.48	20	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	18650	22.56	23	0
				1880	18900	22.57	23	0
				1905	19150	22.76	23	0
			25	1855	18650	22.07	23	0
				1880	18900	22.47	23	0
				1905	19150	22.21	23	0
			49	1855	18650	22.35	23	0
				1880	18900	22.30	23	0
				1905	19150	22.67	23	0
		25 RB	0	1855	18650	21.38	22	0-1
				1880	18900	21.04	22	0-1
				1905	19150	21.25	22	0-1
			12	1855	18650	20.95	22	0-1
				1880	18900	20.86	22	0-1
				1905	19150	20.97	22	0-1
			25	1855	18650	21.12	22	0-1
				1880	18900	21.06	22	0-1
				1905	19150	21.20	22	0-1
		50RB		1855	18650	21.51	22	0-1
				1880	18900	21.22	22	0-1
				1905	19150	21.45	22	0-1
	16-QAM	1 RB	0	1855	18650	21.74	22	0-1
				1880	18900	21.59	22	0-1
				1905	19150	21.49	22	0-1
			25	1855	18650	21.24	22	0-1
				1880	18900	21.30	22	0-1
				1905	19150	21.33	22	0-1
			49	1855	18650	21.72	22	0-1
				1880	18900	21.69	22	0-1
				1905	19150	21.52	22	0-1
		25 RB	0	1855	18650	20.17	21	0-2
				1880	18900	20.17	21	0-2
				1905	19150	20.21	21	0-2
			12	1855	18650	20.12	21	0-2
				1880	18900	19.83	21	0-2
				1905	19150	20.11	21	0-2
			25	1855	18650	20.24	21	0-2
				1880	18900	20.15	21	0-2
				1905	19150	20.14	21	0-2
		50RB		1855	18650	20.31	21	0-2
				1880	18900	20.07	21	0-2
				1905	19150	20.40	21	0-2
	64-QAM	1 RB	0	1855	18650	20.71	21	0-2
				1880	18900	20.56	21	0-2
				1905	19150	20.81	21	0-2
			25	1855	18650	20.16	21	0-2
				1880	18900	20.08	21	0-2
				1905	19150	20.14	21	0-2
			49	1855	18650	20.67	21	0-2
				1880	18900	20.64	21	0-2
				1905	19150	20.59	21	0-2
		25 RB	0	1855	18650	19.29	20	0-3
				1880	18900	19.05	20	0-3
				1905	19150	19.24	20	0-3
			12	1855	18650	19.02	20	0-3
				1880	18900	18.79	20	0-3
				1905	19150	19.13	20	0-3
			25	1855	18650	19.03	20	0-3
				1880	18900	18.93	20	0-3
				1905	19150	19.27	20	0-3
		50RB		1855	18650	19.18	20	0-3
				1880	18900	18.98	20	0-3
				1905	19150	19.29	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	18625	22.42	23	0
				1880	18900	22.46	23	0
				1907.5	19175	22.63	23	0
			12	1852.5	18625	21.94	23	0
				1880	18900	22.26	23	0
				1907.5	19175	22.17	23	0
			24	1852.5	18625	22.26	23	0
				1880	18900	22.18	23	0
				1907.5	19175	22.45	23	0
		12 RB	0	1852.5	18625	21.24	22	0-1
				1880	18900	20.84	22	0-1
				1907.5	19175	21.08	22	0-1
			6	1852.5	18625	20.86	22	0-1
				1880	18900	20.81	22	0-1
				1907.5	19175	20.85	22	0-1
			13	1852.5	18625	21.04	22	0-1
				1880	18900	20.85	22	0-1
				1907.5	19175	21.14	22	0-1
		25RB		1852.5	18625	21.47	22	0-1
				1880	18900	21.08	22	0-1
				1907.5	19175	21.23	22	0-1
	16-QAM	1 RB	0	1852.5	18625	21.62	22	0-1
				1880	18900	21.44	22	0-1
				1907.5	19175	21.33	22	0-1
			12	1852.5	18625	21.20	22	0-1
				1880	18900	21.08	22	0-1
				1907.5	19175	21.23	22	0-1
			24	1852.5	18625	21.65	22	0-1
				1880	18900	21.56	22	0-1
				1907.5	19175	21.35	22	0-1
		12 RB	0	1852.5	18625	20.08	21	0-2
				1880	18900	20.02	21	0-2
				1907.5	19175	20.08	21	0-2
			6	1852.5	18625	20.00	21	0-2
				1880	18900	19.70	21	0-2
				1907.5	19175	19.96	21	0-2
			13	1852.5	18625	20.04	21	0-2
				1880	18900	20.05	21	0-2
				1907.5	19175	20.11	21	0-2
		25RB		1852.5	18625	20.20	21	0-2
				1880	18900	19.87	21	0-2
				1907.5	19175	20.34	21	0-2
	64-QAM	1 RB	0	1852.5	18625	20.66	21	0-2
				1880	18900	20.41	21	0-2
				1907.5	19175	20.69	21	0-2
			12	1852.5	18625	20.00	21	0-2
				1880	18900	19.97	21	0-2
				1907.5	19175	20.01	21	0-2
			24	1852.5	18625	20.53	21	0-2
				1880	18900	20.60	21	0-2
				1907.5	19175	20.45	21	0-2
		12 RB	0	1852.5	18625	19.26	20	0-3
				1880	18900	18.94	20	0-3
				1907.5	19175	19.04	20	0-3
			6	1852.5	18625	18.81	20	0-3
				1880	18900	18.73	20	0-3
				1907.5	19175	18.99	20	0-3
			13	1852.5	18625	18.92	20	0-3
				1880	18900	18.86	20	0-3
				1907.5	19175	19.23	20	0-3
		25RB		1852.5	18625	18.97	20	0-3
				1880	18900	18.86	20	0-3
				1907.5	19175	19.16	20	0-3

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LTE Band 4

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	20050	22.15	23	0
				1732.5	20175	22.31	23	0
				1745	20300	22.23	23	0
			49	1720	20050	21.94	23	0
				1732.5	20175	21.96	23	0
				1745	20300	22.02	23	0
			99	1720	20050	22.11	23	0
				1732.5	20175	22.2	23	0
				1745	20300	22.18	23	0
		50 RB	0	1720	20050	21.09	22	0-1
				1732.5	20175	21.24	22	0-1
				1745	20300	21.17	22	0-1
			24	1720	20050	20.99	22	0-1
				1732.5	20175	21.07	22	0-1
				1745	20300	21.05	22	0-1
			50	1720	20050	21.03	22	0-1
				1732.5	20175	21.1	22	0-1
				1745	20300	21.15	22	0-1
		100RB		1720	20050	21.14	22	0-1
				1732.5	20175	21.33	22	0-1
				1745	20300	21.29	22	0-1
	16-QAM	1 RB	0	1720	20050	21.35	22	0-1
				1732.5	20175	21.42	22	0-1
				1745	20300	21.53	22	0-1
			49	1720	20050	21.25	22	0-1
				1732.5	20175	21.25	22	0-1
				1745	20300	21.32	22	0-1
			99	1720	20050	21.32	22	0-1
				1732.5	20175	21.42	22	0-1
				1745	20300	21.41	22	0-1
		50 RB	0	1720	20050	20.09	21	0-2
				1732.5	20175	20.21	21	0-2
				1745	20300	20.36	21	0-2
			24	1720	20050	20.08	21	0-2
				1732.5	20175	20.37	21	0-2
				1745	20300	20.11	21	0-2
			50	1720	20050	20.43	21	0-2
				1732.5	20175	20.18	21	0-2
				1745	20300	20.2	21	0-2
		100RB		1720	20050	20.15	21	0-2
				1732.5	20175	20.17	21	0-2
				1745	20300	20.25	21	0-2
	64-QAM	1 RB	0	1720	20050	20.75	21	0-2
				1732.5	20175	20.84	21	0-2
				1745	20300	20.9	21	0-2
			49	1720	20050	20.67	21	0-2
				1732.5	20175	20.67	21	0-2
				1745	20300	20.72	21	0-2
			99	1720	20050	20.78	21	0-2
				1732.5	20175	20.87	21	0-2
				1745	20300	20.88	21	0-2
		50 RB	0	1720	20050	19.63	20	0-3
				1732.5	20175	19.68	20	0-3
				1745	20300	19.75	20	0-3
			24	1720	20050	19.55	20	0-3
				1732.5	20175	19.65	20	0-3
				1745	20300	19.6	20	0-3
			50	1720	20050	19.61	20	0-3
				1732.5	20175	19.62	20	0-3
				1745	20300	19.69	20	0-3
		100RB		1720	20050	19.66	20	0-3
				1732.5	20175	19.67	20	0-3
				1745	20300	19.76	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	20025	22.02	23	0
				1732.5	20175	22.04	23	0
				1747.5	20325	22.09	23	0
			36	1717.5	20025	21.88	23	0
				1732.5	20175	21.88	23	0
				1747.5	20325	21.92	23	0
			74	1717.5	20025	21.89	23	0
				1732.5	20175	22.08	23	0
				1747.5	20325	21.98	23	0
		36 RB	0	1717.5	20025	20.90	22	0-1
				1732.5	20175	21.00	22	0-1
				1747.5	20325	21.16	22	0-1
			18	1717.5	20025	20.94	22	0-1
				1732.5	20175	21.00	22	0-1
				1747.5	20325	20.91	22	0-1
			37	1717.5	20025	20.94	22	0-1
				1732.5	20175	20.91	22	0-1
				1747.5	20325	20.96	22	0-1
		75RB		1717.5	20025	21.09	22	0-1
				1732.5	20175	21.11	22	0-1
				1747.5	20325	21.23	22	0-1
	16-QAM	1 RB	0	1717.5	20025	21.20	22	0-1
				1732.5	20175	21.27	22	0-1
				1747.5	20325	21.38	22	0-1
			36	1717.5	20025	21.09	22	0-1
				1732.5	20175	21.07	22	0-1
				1747.5	20325	21.10	22	0-1
			74	1717.5	20025	21.18	22	0-1
				1732.5	20175	21.39	22	0-1
				1747.5	20325	21.37	22	0-1
		36 RB	0	1717.5	20025	19.90	21	0-2
				1732.5	20175	20.09	21	0-2
				1747.5	20325	20.23	21	0-2
			18	1717.5	20025	19.98	21	0-2
				1732.5	20175	20.12	21	0-2
				1747.5	20325	19.91	21	0-2
			37	1717.5	20025	20.10	21	0-2
				1732.5	20175	20.11	21	0-2
				1747.5	20325	20.04	21	0-2
		75RB		1717.5	20025	19.96	21	0-2
				1732.5	20175	19.96	21	0-2
				1747.5	20325	20.11	21	0-2
	64-QAM	1 RB	0	1717.5	20025	20.53	21	0-2
				1732.5	20175	20.79	21	0-2
				1747.5	20325	20.69	21	0-2
			36	1717.5	20025	20.59	21	0-2
				1732.5	20175	20.55	21	0-2
				1747.5	20325	20.69	21	0-2
			74	1717.5	20025	20.56	21	0-2
				1732.5	20175	20.80	21	0-2
				1747.5	20325	20.66	21	0-2
		36 RB	0	1717.5	20025	19.59	20	0-3
				1732.5	20175	19.64	20	0-3
				1747.5	20325	19.58	20	0-3
			18	1717.5	20025	19.42	20	0-3
				1732.5	20175	19.47	20	0-3
				1747.5	20325	19.53	20	0-3
			37	1717.5	20025	19.43	20	0-3
				1732.5	20175	19.50	20	0-3
				1747.5	20325	19.51	20	0-3
		75RB		1717.5	20025	19.61	20	0-3
				1732.5	20175	19.63	20	0-3
				1747.5	20325	19.63	20	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	20000	22.04	23	0
				1732.5	20175	22.00	23	0
				1750	20350	22.09	23	0
			25	1715	20000	21.64	23	0
				1732.5	20175	21.87	23	0
				1750	20350	21.68	23	0
			49	1715	20000	21.92	23	0
				1732.5	20175	22.12	23	0
				1750	20350	21.94	23	0
		25 RB	0	1715	20000	20.92	22	0-1
				1732.5	20175	21.05	22	0-1
				1750	20350	21.06	22	0-1
			12	1715	20000	20.72	22	0-1
				1732.5	20175	20.87	22	0-1
				1750	20350	20.99	22	0-1
			25	1715	20000	20.91	22	0-1
				1732.5	20175	20.97	22	0-1
				1750	20350	21.03	22	0-1
		50RB		1715	20000	20.94	22	0-1
				1732.5	20175	20.99	22	0-1
				1750	20350	21.07	22	0-1
	16-QAM	1 RB	0	1715	20000	21.06	22	0-1
				1732.5	20175	21.22	22	0-1
				1750	20350	21.29	22	0-1
			25	1715	20000	21.13	22	0-1
				1732.5	20175	21.04	22	0-1
				1750	20350	21.28	22	0-1
			49	1715	20000	21.20	22	0-1
				1732.5	20175	21.27	22	0-1
				1750	20350	21.20	22	0-1
		25 RB	0	1715	20000	19.83	21	0-2
				1732.5	20175	20.20	21	0-2
				1750	20350	19.98	21	0-2
			12	1715	20000	19.80	21	0-2
				1732.5	20175	19.98	21	0-2
				1750	20350	19.90	21	0-2
			25	1715	20000	19.91	21	0-2
				1732.5	20175	20.09	21	0-2
				1750	20350	19.99	21	0-2
		50RB		1715	20000	19.79	21	0-2
				1732.5	20175	20.14	21	0-2
				1750	20350	20.06	21	0-2
	64-QAM	1 RB	0	1715	20000	20.68	21	0-2
				1732.5	20175	20.71	21	0-2
				1750	20350	20.80	21	0-2
			25	1715	20000	20.36	21	0-2
				1732.5	20175	20.52	21	0-2
				1750	20350	20.46	21	0-2
			49	1715	20000	20.63	21	0-2
				1732.5	20175	20.59	21	0-2
				1750	20350	20.85	21	0-2
		25 RB	0	1715	20000	19.48	20	0-3
				1732.5	20175	19.58	20	0-3
				1750	20350	19.50	20	0-3
			12	1715	20000	19.52	20	0-3
				1732.5	20175	19.32	20	0-3
				1750	20350	19.40	20	0-3
			25	1715	20000	19.42	20	0-3
				1732.5	20175	19.35	20	0-3
				1750	20350	19.53	20	0-3
		50RB		1715	20000	19.49	20	0-3
				1732.5	20175	19.36	20	0-3
				1750	20350	19.64	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	19975	21.88	23	0
				1732.5	20175	21.89	23	0
				1752.5	20375	22.06	23	0
			12	1712.5	19975	21.82	23	0
				1732.5	20175	21.85	23	0
				1752.5	20375	21.85	23	0
			24	1712.5	19975	21.69	23	0
				1732.5	20175	22.05	23	0
				1752.5	20375	21.81	23	0
		12 RB	0	1712.5	19975	20.82	22	0-1
				1732.5	20175	20.88	22	0-1
				1752.5	20375	20.96	22	0-1
			6	1712.5	19975	20.81	22	0-1
				1732.5	20175	20.81	22	0-1
				1752.5	20375	20.82	22	0-1
			13	1712.5	19975	20.82	22	0-1
				1732.5	20175	20.77	22	0-1
				1752.5	20375	20.90	22	0-1
		25RB		1712.5	19975	20.95	22	0-1
				1732.5	20175	21.07	22	0-1
				1752.5	20375	21.01	22	0-1
	16-QAM	1 RB	0	1712.5	19975	21.13	22	0-1
				1732.5	20175	21.07	22	0-1
				1752.5	20375	21.35	22	0-1
			12	1712.5	19975	20.98	22	0-1
				1732.5	20175	20.98	22	0-1
				1752.5	20375	20.92	22	0-1
			24	1712.5	19975	21.01	22	0-1
				1732.5	20175	21.27	22	0-1
				1752.5	20375	21.31	22	0-1
		12 RB	0	1712.5	19975	19.83	21	0-2
				1732.5	20175	19.88	21	0-2
				1752.5	20375	20.07	21	0-2
			6	1712.5	19975	19.86	21	0-2
				1732.5	20175	20.04	21	0-2
				1752.5	20375	19.72	21	0-2
			13	1712.5	19975	20.06	21	0-2
				1732.5	20175	19.99	21	0-2
				1752.5	20375	19.90	21	0-2
		25RB		1712.5	19975	19.82	21	0-2
				1732.5	20175	19.82	21	0-2
				1752.5	20375	20.02	21	0-2
	64-QAM	1 RB	0	1712.5	19975	20.45	21	0-2
				1732.5	20175	20.64	21	0-2
				1752.5	20375	20.51	21	0-2
			12	1712.5	19975	20.53	21	0-2
				1732.5	20175	20.46	21	0-2
				1752.5	20375	20.65	21	0-2
			24	1712.5	19975	20.38	21	0-2
				1732.5	20175	20.58	21	0-2
				1752.5	20375	20.51	21	0-2
		12 RB	0	1712.5	19975	19.41	20	0-3
				1732.5	20175	19.53	20	0-3
				1752.5	20375	19.39	20	0-3
			6	1712.5	19975	19.39	20	0-3
				1732.5	20175	19.35	20	0-3
				1752.5	20375	19.33	20	0-3
			13	1712.5	19975	19.24	20	0-3
				1732.5	20175	19.47	20	0-3
				1752.5	20375	19.40	20	0-3
		25RB		1712.5	19975	19.43	20	0-3
				1732.5	20175	19.51	20	0-3
				1752.5	20375	19.49	20	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	#VALUE!	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	19965	21.83	23	0
				1732.5	20175	21.71	23	0
				1753.5	20385	22.02	23	0
			7	1711.5	19965	21.78	23	0
				1732.5	20175	21.71	23	0
				1753.5	20385	21.81	23	0
			14	1711.5	19965	21.58	23	0
				1732.5	20175	21.97	23	0
				1753.5	20385	21.66	23	0
		8 RB	0	1711.5	19965	20.61	22	0-1
				1732.5	20175	20.81	22	0-1
				1753.5	20385	20.78	22	0-1
			4	1711.5	19965	20.66	22	0-1
				1732.5	20175	20.66	22	0-1
				1753.5	20385	20.71	22	0-1
			7	1711.5	19965	20.74	22	0-1
				1732.5	20175	20.58	22	0-1
				1753.5	20385	20.76	22	0-1
		15RB		1711.5	19965	20.77	22	0-1
				1732.5	20175	20.99	22	0-1
				1753.5	20385	20.85	22	0-1
	16-QAM	1 RB	0	1711.5	19965	21.03	22	0-1
				1732.5	20175	20.95	22	0-1
				1753.5	20385	21.29	22	0-1
			7	1711.5	19965	20.89	22	0-1
				1732.5	20175	20.80	22	0-1
				1753.5	20385	20.81	22	0-1
			14	1711.5	19965	20.81	22	0-1
				1732.5	20175	21.10	22	0-1
				1753.5	20385	21.20	22	0-1
		8 RB	0	1711.5	19965	19.78	21	0-2
				1732.5	20175	19.74	21	0-2
				1753.5	20385	19.97	21	0-2
			4	1711.5	19965	19.72	21	0-2
				1732.5	20175	20.01	21	0-2
				1753.5	20385	19.57	21	0-2
			7	1711.5	19965	19.91	21	0-2
				1732.5	20175	19.82	21	0-2
				1753.5	20385	19.77	21	0-2
		15RB		1711.5	19965	19.73	21	0-2
				1732.5	20175	19.76	21	0-2
				1753.5	20385	19.83	21	0-2
	64-QAM	1 RB	0	1711.5	19965	20.32	21	0-2
				1732.5	20175	20.43	21	0-2
				1753.5	20385	20.29	21	0-2
			7	1711.5	19965	20.38	21	0-2
				1732.5	20175	20.25	21	0-2
				1753.5	20385	20.61	21	0-2
			14	1711.5	19965	20.32	21	0-2
				1732.5	20175	20.36	21	0-2
				1753.5	20385	20.33	21	0-2
		8 RB	0	1711.5	19965	19.23	20	0-3
				1732.5	20175	19.32	20	0-3
				1753.5	20385	19.36	20	0-3
			4	1711.5	19965	19.29	20	0-3
				1732.5	20175	19.24	20	0-3
				1753.5	20385	19.29	20	0-3
			7	1711.5	19965	19.13	20	0-3
				1732.5	20175	19.25	20	0-3
				1753.5	20385	19.36	20	0-3
		15RB		1711.5	19965	19.27	20	0-3
				1732.5	20175	19.34	20	0-3
				1753.5	20385	19.43	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	19957	21.79	23	0
				1732.5	20175	21.62	23	0
				1754.3	20393	21.90	23	0
			2	1710.7	19957	21.66	23	0
				1732.5	20175	21.66	23	0
				1754.3	20393	21.68	23	0
			5	1710.7	19957	21.44	23	0
				1732.5	20175	21.77	23	0
				1754.3	20393	21.60	23	0
		3 RB	0	1710.7	19957	20.50	22	0-1
				1732.5	20175	20.68	22	0-1
				1754.3	20393	20.56	22	0-1
			2	1710.7	19957	20.46	22	0-1
				1732.5	20175	20.53	22	0-1
				1754.3	20393	20.54	22	0-1
			3	1710.7	19957	20.68	22	0-1
				1732.5	20175	20.53	22	0-1
				1754.3	20393	20.61	22	0-1
		6RB		1710.7	19957	20.67	22	0-1
				1732.5	20175	20.95	22	0-1
				1754.3	20393	20.75	22	0-1
	16-QAM	1 RB	0	1710.7	19957	20.94	22	0-1
				1732.5	20175	20.74	22	0-1
				1754.3	20393	21.09	22	0-1
			2	1710.7	19957	20.85	22	0-1
				1732.5	20175	20.61	22	0-1
				1754.3	20393	20.71	22	0-1
			5	1710.7	19957	20.76	22	0-1
				1732.5	20175	20.92	22	0-1
				1754.3	20393	21.05	22	0-1
		3 RB	0	1710.7	19957	20.08	22	0-1
				1732.5	20175	20.07	22	0-1
				1754.3	20393	20.29	22	0-1
			2	1710.7	19957	20.04	22	0-1
				1732.5	20175	20.32	22	0-1
				1754.3	20393	20.02	22	0-1
			3	1710.7	19957	20.38	22	0-1
				1732.5	20175	20.16	22	0-1
				1754.3	20393	20.11	22	0-1
		6RB		1710.7	19957	20.13	21	0-2
				1732.5	20175	20.13	21	0-2
				1754.3	20393	20.23	21	0-2
	64-QAM	1 RB	0	1710.7	19957	20.13	21	0-2
				1732.5	20175	20.31	21	0-2
				1754.3	20393	20.22	21	0-2
			2	1710.7	19957	20.21	21	0-2
				1732.5	20175	20.06	21	0-2
				1754.3	20393	20.51	21	0-2
			5	1710.7	19957	20.23	21	0-2
				1732.5	20175	20.27	21	0-2
				1754.3	20393	20.22	21	0-2
		3 RB	0	1710.7	19957	19.17	21	0-2
				1732.5	20175	19.20	21	0-2
				1754.3	20393	19.32	21	0-2
			2	1710.7	19957	19.09	21	0-2
				1732.5	20175	19.16	21	0-2
				1754.3	20393	19.24	21	0-2
			3	1710.7	19957	19.22	21	0-2
				1732.5	20175	19.06	21	0-2
				1754.3	20393	19.33	21	0-2
		6RB		1710.7	19957	19.24	20	0-3
				1732.5	20175	19.30	20	0-3
				1754.3	20393	19.25	20	0-3

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LTE Band 5

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	829	20450	23.43	24	0
				836.5	20525	23.74	24	0
				844	20600	23.68	24	0
			25	829	20450	23.37	24	0
				836.5	20525	23.5	24	0
				844	20600	23.66	24	0
			49	829	20450	23.38	24	0
				836.5	20525	23.36	24	0
				844	20600	23.23	24	0
		25 RB	0	829	20450	22.67	23	0-1
				836.5	20525	22.74	23	0-1
				844	20600	22.71	23	0-1
			12	829	20450	21.94	23	0-1
				836.5	20525	22.38	23	0-1
				844	20600	22.66	23	0-1
			25	829	20450	22.07	23	0-1
				836.5	20525	22.77	23	0-1
				844	20600	22.75	23	0-1
		50RB		829	20450	22.01	23	0-1
				836.5	20525	22.67	23	0-1
				844	20600	22.65	23	0-1
	16-QAM	1 RB	0	829	20450	22.3	23	0-1
				836.5	20525	22.72	23	0-1
				844	20600	22.62	23	0-1
			25	829	20450	22.36	23	0-1
				836.5	20525	22.69	23	0-1
				844	20600	22.8	23	0-1
			49	829	20450	22.76	23	0-1
				836.5	20525	22.8	23	0-1
				844	20600	22.72	23	0-1
		25 RB	0	829	20450	20.97	22	0-2
				836.5	20525	21.44	22	0-2
				844	20600	21.63	22	0-2
			12	829	20450	20.9	22	0-2
				836.5	20525	21.44	22	0-2
				844	20600	21.64	22	0-2
			25	829	20450	21.08	22	0-2
				836.5	20525	21.46	22	0-2
				844	20600	21.74	22	0-2
		50RB		829	20450	20.97	22	0-2
				836.5	20525	21.45	22	0-2
				844	20600	21.62	22	0-2
	64-QAM	1 RB	0	829	20450	21.14	22	0-2
				836.5	20525	21.73	22	0-2
				844	20600	21.78	22	0-2
			25	829	20450	21.1	22	0-2
				836.5	20525	21.53	22	0-2
				844	20600	21.71	22	0-2
			49	829	20450	21.62	22	0-2
				836.5	20525	21.74	22	0-2
				844	20600	21.71	22	0-2
		25 RB	0	829	20450	20.49	21	0-3
				836.5	20525	20.44	21	0-3
				844	20600	20.62	21	0-3
			12	829	20450	20.61	21	0-3
				836.5	20525	20.43	21	0-3
				844	20600	20.62	21	0-3
			25	829	20450	20.56	21	0-3
				836.5	20525	20.45	21	0-3
				844	20600	20.71	21	0-3
		50RB		829	20450	20.53	21	0-3
				836.5	20525	20.42	21	0-3
				844	20600	20.62	21	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	826.5	20425	23.14	24	0
				836.5	20525	23.52	24	0
				846.5	20625	23.46	24	0
			12	826.5	20425	23.33	24	0
				836.5	20525	23.27	24	0
				846.5	20625	23.63	24	0
			24	826.5	20425	23.12	24	0
				836.5	20525	23.21	24	0
				846.5	20625	23.17	24	0
		12 RB	0	826.5	20425	22.44	23	0-1
				836.5	20525	22.12	23	0-1
				846.5	20625	22.51	23	0-1
			6	826.5	20425	21.87	23	0-1
				836.5	20525	22.19	23	0-1
				846.5	20625	22.64	23	0-1
			13	826.5	20425	21.77	23	0-1
				836.5	20525	22.34	23	0-1
				846.5	20625	22.51	23	0-1
		25RB		826.5	20425	21.88	23	0-1
				836.5	20525	22.18	23	0-1
				846.5	20625	22.46	23	0-1
	16-QAM	1 RB	0	826.5	20425	22.19	23	0-1
				836.5	20525	22.56	23	0-1
				846.5	20625	22.4	23	0-1
			12	826.5	20425	22.31	23	0-1
				836.5	20525	22.69	23	0-1
				846.5	20625	22.67	23	0-1
			24	826.5	20425	22.48	23	0-1
				836.5	20525	22.57	23	0-1
				846.5	20625	22.6	23	0-1
		12 RB	0	826.5	20425	20.92	22	0-2
				836.5	20525	21.38	22	0-2
				846.5	20625	21.33	22	0-2
			6	826.5	20425	20.74	22	0-2
				836.5	20525	21.41	22	0-2
				846.5	20625	21.39	22	0-2
			13	826.5	20425	20.9	22	0-2
				836.5	20525	21.26	22	0-2
				846.5	20625	21.72	22	0-2
		25RB		826.5	20425	20.67	22	0-2
				836.5	20525	21.2	22	0-2
				846.5	20625	21.59	22	0-2
	64-QAM	1 RB	0	826.5	20425	21.1	22	0-2
				836.5	20525	21.54	22	0-2
				846.5	20625	21.54	22	0-2
			12	826.5	20425	20.95	22	0-2
				836.5	20525	21.52	22	0-2
				846.5	20625	21.48	22	0-2
			24	826.5	20425	21.45	22	0-2
				836.5	20525	21.52	22	0-2
				846.5	20625	21.57	22	0-2
		12 RB	0	826.5	20425	20.4	21	0-3
				836.5	20525	20.35	21	0-3
				846.5	20625	20.44	21	0-3
			6	826.5	20425	20.6	21	0-3
				836.5	20525	20.3	21	0-3
				846.5	20625	20.51	21	0-3
			13	826.5	20425	20.43	21	0-3
				836.5	20525	20.3	21	0-3
				846.5	20625	20.68	21	0-3
		25RB		826.5	20425	20.52	21	0-3
				836.5	20525	20.42	21	0-3
				846.5	20625	20.55	21	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	825.5	20415	23.25	24	0
				836.5	20525	23.55	24	0
				847.5	20635	23.6	24	0
			7	825.5	20415	23.23	24	0
				836.5	20525	23.38	24	0
				847.5	20635	23.47	24	0
			14	825.5	20415	23.34	24	0
				836.5	20525	23.23	24	0
				847.5	20635	23.14	24	0
		8 RB	0	825.5	20415	22.47	23	0-1
				836.5	20525	22.27	23	0-1
				847.5	20635	22.43	23	0-1
			4	825.5	20415	21.9	23	0-1
				836.5	20525	22.18	23	0-1
				847.5	20635	22.54	23	0-1
			7	825.5	20415	22.01	23	0-1
				836.5	20525	22.31	23	0-1
				847.5	20635	22.6	23	0-1
		15RB		825.5	20415	21.84	23	0-1
				836.5	20525	22.18	23	0-1
				847.5	20635	22.47	23	0-1
	16-QAM	1 RB	0	825.5	20415	22.27	23	0-1
				836.5	20525	22.53	23	0-1
				847.5	20635	22.52	23	0-1
			7	825.5	20415	22.29	23	0-1
				836.5	20525	22.51	23	0-1
				847.5	20635	22.79	23	0-1
			14	825.5	20415	22.7	23	0-1
				836.5	20525	22.65	23	0-1
				847.5	20635	22.59	23	0-1
		8 RB	0	825.5	20415	20.77	22	0-2
				836.5	20525	21.43	22	0-2
				847.5	20635	21.48	22	0-2
			4	825.5	20415	20.73	22	0-2
				836.5	20525	21.32	22	0-2
				847.5	20635	21.62	22	0-2
			7	825.5	20415	20.96	22	0-2
				836.5	20525	21.27	22	0-2
				847.5	20635	21.54	22	0-2
		15RB		825.5	20415	20.83	22	0-2
				836.5	20525	21.43	22	0-2
				847.5	20635	21.56	22	0-2
	64-QAM	1 RB	0	825.5	20415	21.01	22	0-2
				836.5	20525	21.62	22	0-2
				847.5	20635	21.77	22	0-2
			7	825.5	20415	20.9	22	0-2
				836.5	20525	21.37	22	0-2
				847.5	20635	21.55	22	0-2
			14	825.5	20415	21.51	22	0-2
				836.5	20525	21.63	22	0-2
				847.5	20635	21.58	22	0-2
		8 RB	0	825.5	20415	20.3	21	0-3
				836.5	20525	20.31	21	0-3
				847.5	20635	20.43	21	0-3
			4	825.5	20415	20.3	21	0-3
				836.5	20525	20.31	21	0-3
				847.5	20635	20.51	21	0-3
			7	825.5	20415	20.47	21	0-3
				836.5	20525	20.45	21	0-3
				847.5	20635	20.57	21	0-3
		15RB		825.5	20415	20.3	21	0-3
				836.5	20525	20.34	21	0-3
				847.5	20635	20.44	21	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	824.7	20407	23.19	24	0
				836.5	20525	23.38	24	0
				848.3	20643	23.58	24	0
			2	824.7	20407	23.22	24	0
				836.5	20525	23.43	24	0
				848.3	20643	23.50	24	0
			5	824.7	20407	23.20	24	0
				836.5	20525	23.08	24	0
				848.3	20643	23.16	24	0
		3 RB	0	824.7	20407	22.59	23	0-1
				836.5	20525	22.16	23	0-1
				848.3	20643	22.30	23	0-1
			2	824.7	20407	21.74	23	0-1
				836.5	20525	22.21	23	0-1
				848.3	20643	22.52	23	0-1
			3	824.7	20407	22.03	23	0-1
				836.5	20525	22.26	23	0-1
				848.3	20643	22.57	23	0-1
		6RB		824.7	20407	21.98	23	0-1
				836.5	20525	22.10	23	0-1
				848.3	20643	22.45	23	0-1
	16-QAM	1 RB	0	824.7	20407	22.11	23	0-1
				836.5	20525	22.58	23	0-1
				848.3	20643	22.49	23	0-1
			2	824.7	20407	22.16	23	0-1
				836.5	20525	22.57	23	0-1
				848.3	20643	22.59	23	0-1
			5	824.7	20407	22.60	23	0-1
				836.5	20525	22.68	23	0-1
				848.3	20643	22.68	23	0-1
		3 RB	0	824.7	20407	20.79	22	0-1
				836.5	20525	21.24	22	0-1
				848.3	20643	21.51	22	0-1
			2	824.7	20407	20.63	22	0-1
				836.5	20525	21.18	22	0-1
				848.3	20643	21.44	22	0-1
			3	824.7	20407	21.01	22	0-1
				836.5	20525	21.25	22	0-1
				848.3	20643	21.55	22	0-1
		6RB		824.7	20407	20.93	22	0-2
				836.5	20525	21.42	22	0-2
				848.3	20643	21.39	22	0-2
	64-QAM	1 RB	0	824.7	20407	21.07	22	0-2
				836.5	20525	21.69	22	0-2
				848.3	20643	21.78	22	0-2
			2	824.7	20407	20.90	22	0-2
				836.5	20525	21.50	22	0-2
				848.3	20643	21.71	22	0-2
			5	824.7	20407	21.47	22	0-2
				836.5	20525	21.50	22	0-2
				848.3	20643	21.65	22	0-2
		3 RB	0	824.7	20407	20.20	22	0-2
				836.5	20525	20.24	22	0-2
				848.3	20643	20.43	22	0-2
			2	824.7	20407	20.26	22	0-2
				836.5	20525	20.16	22	0-2
				848.3	20643	20.35	22	0-2
			3	824.7	20407	20.45	22	0-2
				836.5	20525	20.24	22	0-2
				848.3	20643	20.71	22	0-2
		6RB		824.7	20407	20.39	21	0-3
				836.5	20525	20.39	21	0-3
				848.3	20643	20.62	21	0-3

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LTE Band 7

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2510	20850	23.49	23.5	0
				2535	21100	23.44	23.5	0
				2560	21350	23.47	23.5	0
			49	2510	20850	23.21	23.5	0
				2535	21100	22.99	23.5	0
				2560	21350	23.01	23.5	0
			99	2510	20850	23.34	23.5	0
				2535	21100	23.12	23.5	0
				2560	21350	23.23	23.5	0
		50 RB	0	2510	20850	22.46	22.5	0-1
				2535	21100	22.42	22.5	0-1
				2560	21350	22.37	22.5	0-1
			24	2510	20850	22.43	22.5	0-1
				2535	21100	22.01	22.5	0-1
				2560	21350	22.08	22.5	0-1
			50	2510	20850	22.38	22.5	0-1
				2535	21100	22.01	22.5	0-1
				2560	21350	22.13	22.5	0-1
		100RB		2510	20850	22.49	22.5	0-1
				2535	21100	22.14	22.5	0-1
				2560	21350	22.24	22.5	0-1
	16-QAM	1 RB	0	2510	20850	22.49	22.5	0-1
				2535	21100	22.37	22.5	0-1
				2560	21350	22.48	22.5	0-1
			49	2510	20850	22.48	22.5	0-1
				2535	21100	22.07	22.5	0-1
				2560	21350	22.24	22.5	0-1
			99	2510	20850	22.5	22.5	0-1
				2535	21100	22.29	22.5	0-1
				2560	21350	22.47	22.5	0-1
		50 RB	0	2510	20850	21.5	21.5	0-2
				2535	21100	21.1	21.5	0-2
				2560	21350	21.24	21.5	0-2
			24	2510	20850	21.38	21.5	0-2
				2535	21100	21.08	21.5	0-2
				2560	21350	21.12	21.5	0-2
			50	2510	20850	21.42	21.5	0-2
				2535	21100	21.08	21.5	0-2
				2560	21350	21.18	21.5	0-2
		100RB		2510	20850	21.5	21.5	0-2
				2535	21100	21.11	21.5	0-2
				2560	21350	21.25	21.5	0-2
	64-QAM	1 RB	0	2510	20850	21.37	21.5	0-2
				2535	21100	21.44	21.5	0-2
				2560	21350	21.5	21.5	0-2
			49	2510	20850	21.36	21.5	0-2
				2535	21100	21.28	21.5	0-2
				2560	21350	21.36	21.5	0-2
			99	2510	20850	21.44	21.5	0-2
				2535	21100	21.49	21.5	0-2
				2560	21350	21.42	21.5	0-2
		50 RB	0	2510	20850	20.39	20.5	0-3
				2535	21100	20.38	20.5	0-3
				2560	21350	20.45	20.5	0-3
			24	2510	20850	20.47	20.5	0-3
				2535	21100	20.3	20.5	0-3
				2560	21350	20.3	20.5	0-3
			50	2510	20850	20.21	20.5	0-3
				2535	21100	20.22	20.5	0-3
				2560	21350	20.37	20.5	0-3
		100RB		2510	20850	20.47	20.5	0-3
				2535	21100	20.32	20.5	0-3
				2560	21350	20.47	20.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2507.5	20825	23.21	23.5	0
				2535	21100	23.12	23.5	0
				2562.5	21375	23.12	23.5	0
			36	2507.5	20825	23.13	23.5	0
				2535	21100	22.86	23.5	0
				2562.5	21375	22.81	23.5	0
			74	2507.5	20825	23.10	23.5	0
				2535	21100	22.92	23.5	0
				2562.5	21375	23.17	23.5	0
		36 RB	0	2507.5	20825	22.33	22.5	0-1
				2535	21100	21.95	22.5	0-1
				2562.5	21375	22.09	22.5	0-1
			18	2507.5	20825	22.34	22.5	0-1
				2535	21100	21.78	22.5	0-1
				2562.5	21375	21.97	22.5	0-1
			37	2507.5	20825	22.31	22.5	0-1
				2535	21100	21.80	22.5	0-1
				2562.5	21375	21.97	22.5	0-1
		75RB		2507.5	20825	22.48	22.5	0-1
				2535	21100	22.06	22.5	0-1
				2562.5	21375	22.07	22.5	0-1
	16-QAM	1 RB	0	2507.5	20825	22.07	22.5	0-1
				2535	21100	22.28	22.5	0-1
				2562.5	21375	22.34	22.5	0-1
			36	2507.5	20825	22.43	22.5	0-1
				2535	21100	22.01	22.5	0-1
				2562.5	21375	22.12	22.5	0-1
			74	2507.5	20825	22.48	22.5	0-1
				2535	21100	22.11	22.5	0-1
				2562.5	21375	22.41	22.5	0-1
		36 RB	0	2507.5	20825	21.47	21.5	0-2
				2535	21100	20.98	21.5	0-2
				2562.5	21375	21.07	21.5	0-2
			18	2507.5	20825	21.32	21.5	0-2
				2535	21100	20.90	21.5	0-2
				2562.5	21375	20.91	21.5	0-2
			37	2507.5	20825	21.32	21.5	0-2
				2535	21100	20.90	21.5	0-2
				2562.5	21375	21.08	21.5	0-2
		75RB		2507.5	20825	21.50	21.5	0-2
				2535	21100	20.93	21.5	0-2
				2562.5	21375	21.07	21.5	0-2
	64-QAM	1 RB	0	2507.5	20825	21.28	21.5	0-2
				2535	21100	21.44	21.5	0-2
				2562.5	21375	21.46	21.5	0-2
			36	2507.5	20825	21.25	21.5	0-2
				2535	21100	21.17	21.5	0-2
				2562.5	21375	21.31	21.5	0-2
			74	2507.5	20825	21.44	21.5	0-2
				2535	21100	21.44	21.5	0-2
				2562.5	21375	21.42	21.5	0-2
		36 RB	0	2507.5	20825	20.39	20.5	0-3
				2535	21100	20.33	20.5	0-3
				2562.5	21375	20.21	20.5	0-3
			18	2507.5	20825	20.46	20.5	0-3
				2535	21100	20.10	20.5	0-3
				2562.5	21375	20.22	20.5	0-3
			37	2507.5	20825	20.21	20.5	0-3
				2535	21100	20.17	20.5	0-3
				2562.5	21375	20.20	20.5	0-3
		75RB		2507.5	20825	20.46	20.5	0-3
				2535	21100	20.09	20.5	0-3
				2562.5	21375	20.26	20.5	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2505	20800	23.14	23.5	0
				2535	21100	23.05	23.5	0
				2565	21400	22.94	23.5	0
			25	2505	20800	22.89	23.5	0
				2535	21100	22.72	23.5	0
				2565	21400	22.67	23.5	0
			49	2505	20800	22.92	23.5	0
				2535	21100	22.70	23.5	0
				2565	21400	22.95	23.5	0
		25 RB	0	2505	20800	22.24	22.5	0-1
				2535	21100	21.79	22.5	0-1
				2565	21400	21.87	22.5	0-1
			12	2505	20800	22.14	22.5	0-1
				2535	21100	21.54	22.5	0-1
				2565	21400	21.88	22.5	0-1
			25	2505	20800	22.19	22.5	0-1
				2535	21100	21.63	22.5	0-1
				2565	21400	21.73	22.5	0-1
		50RB		2505	20800	22.36	22.5	0-1
				2535	21100	21.86	22.5	0-1
				2565	21400	21.99	22.5	0-1
	16-QAM	1 RB	0	2505	20800	22.48	22.5	0-1
				2535	21100	22.20	22.5	0-1
				2565	21400	22.18	22.5	0-1
			25	2505	20800	22.34	22.5	0-1
				2535	21100	21.77	22.5	0-1
				2565	21400	22.04	22.5	0-1
			49	2505	20800	22.34	22.5	0-1
				2535	21100	21.94	22.5	0-1
				2565	21400	22.23	22.5	0-1
		25 RB	0	2505	20800	21.40	21.5	0-2
				2535	21100	20.82	21.5	0-2
				2565	21400	20.95	21.5	0-2
			12	2505	20800	21.13	21.5	0-2
				2535	21100	20.74	21.5	0-2
				2565	21400	20.85	21.5	0-2
			25	2505	20800	21.16	21.5	0-2
				2535	21100	20.67	21.5	0-2
				2565	21400	20.94	21.5	0-2
		50RB		2505	20800	21.43	21.5	0-2
				2535	21100	20.79	21.5	0-2
				2565	21400	20.93	21.5	0-2
	64-QAM	1 RB	0	2505	20800	21.34	21.5	0-2
				2535	21100	21.33	21.5	0-2
				2565	21400	21.33	21.5	0-2
			25	2505	20800	21.32	21.5	0-2
				2535	21100	21.01	21.5	0-2
				2565	21400	21.13	21.5	0-2
			49	2505	20800	21.50	21.5	0-2
				2535	21100	21.42	21.5	0-2
				2565	21400	21.22	21.5	0-2
		25 RB	0	2505	20800	20.46	20.5	0-3
				2535	21100	20.14	20.5	0-3
				2565	21400	20.13	20.5	0-3
			12	2505	20800	20.25	20.5	0-3
				2535	21100	20.03	20.5	0-3
				2565	21400	20.00	20.5	0-3
			25	2505	20800	20.38	20.5	0-3
				2535	21100	20.03	20.5	0-3
				2565	21400	20.08	20.5	0-3
		50RB		2505	20800	20.19	20.5	0-3
				2535	21100	19.87	20.5	0-3
				2565	21400	20.15	20.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2502.5	20775	23.00	23.5	0
				2535	21100	22.95	23.5	0
				2567.5	21425	22.89	23.5	0
			12	2502.5	20775	22.78	23.5	0
				2535	21100	22.59	23.5	0
				2567.5	21425	22.58	23.5	0
			24	2502.5	20775	22.75	23.5	0
				2535	21100	22.61	23.5	0
				2567.5	21425	22.88	23.5	0
		12 RB	0	2502.5	20775	22.15	22.5	0-1
				2535	21100	21.74	22.5	0-1
				2567.5	21425	21.65	22.5	0-1
			6	2502.5	20775	22.03	22.5	0-1
				2535	21100	21.30	22.5	0-1
				2567.5	21425	21.66	22.5	0-1
			13	2502.5	20775	22.12	22.5	0-1
				2535	21100	21.43	22.5	0-1
				2567.5	21425	21.58	22.5	0-1
		25RB		2502.5	20775	22.24	22.5	0-1
				2535	21100	21.76	22.5	0-1
				2567.5	21425	21.82	22.5	0-1
	16-QAM	1 RB	0	2502.5	20775	22.37	22.5	0-1
				2535	21100	22.13	22.5	0-1
				2567.5	21425	22.06	22.5	0-1
			12	2502.5	20775	22.13	22.5	0-1
				2535	21100	21.67	22.5	0-1
				2567.5	21425	21.80	22.5	0-1
			24	2502.5	20775	22.16	22.5	0-1
				2535	21100	21.84	22.5	0-1
				2567.5	21425	22.14	22.5	0-1
		12 RB	0	2502.5	20775	21.16	21.5	0-2
				2535	21100	20.74	21.5	0-2
				2567.5	21425	20.76	21.5	0-2
			6	2502.5	20775	21.00	21.5	0-2
				2535	21100	20.59	21.5	0-2
				2567.5	21425	20.70	21.5	0-2
			13	2502.5	20775	21.07	21.5	0-2
				2535	21100	20.58	21.5	0-2
				2567.5	21425	20.88	21.5	0-2
		25RB		2502.5	20775	21.33	21.5	0-2
				2535	21100	20.70	21.5	0-2
				2567.5	21425	20.77	21.5	0-2
	64-QAM	1 RB	0	2502.5	20775	21.25	21.5	0-2
				2535	21100	21.09	21.5	0-2
				2567.5	21425	21.09	21.5	0-2
			12	2502.5	20775	21.17	21.5	0-2
				2535	21100	20.80	21.5	0-2
				2567.5	21425	20.98	21.5	0-2
			24	2502.5	20775	21.38	21.5	0-2
				2535	21100	21.28	21.5	0-2
				2567.5	21425	21.11	21.5	0-2
		12 RB	0	2502.5	20775	20.27	20.5	0-3
				2535	21100	20.04	20.5	0-3
				2567.5	21425	20.06	20.5	0-3
			6	2502.5	20775	20.19	20.5	0-3
				2535	21100	19.90	20.5	0-3
				2567.5	21425	19.89	20.5	0-3
			13	2502.5	20775	20.26	20.5	0-3
				2535	21100	19.83	20.5	0-3
				2567.5	21425	19.96	20.5	0-3
		25RB		2502.5	20775	20.25	20.5	0-3
				2535	21100	19.65	20.5	0-3
				2567.5	21425	20.00	20.5	0-3

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LTE Band 12

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	704	23060	22.68	23	0
				707.5	23095	22.77	23	0
				711	23130	22.55	23	0
			25	704	23060	22.28	23	0
				707.5	23095	22.23	23	0
				711	23130	22.37	23	0
			49	704	23060	22.63	23	0
				707.5	23095	22.53	23	0
				711	23130	22.51	23	0
		25 RB	0	704	23060	21.63	22	0-1
				707.5	23095	21.41	22	0-1
				711	23130	21.53	22	0-1
			12	704	23060	21.55	22	0-1
				707.5	23095	21.37	22	0-1
				711	23130	21.55	22	0-1
			25	704	23060	21.5	22	0-1
				707.5	23095	21.64	22	0-1
				711	23130	21.44	22	0-1
		50RB		704	23060	21.56	22	0-1
				707.5	23095	21.57	22	0-1
				711	23130	21.46	22	0-1
	16-QAM	1 RB	0	704	23060	21.94	22	0-1
				707.5	23095	21.92	22	0-1
				711	23130	21.96	22	0-1
			25	704	23060	21.79	22	0-1
				707.5	23095	21.66	22	0-1
				711	23130	21.79	22	0-1
			49	704	23060	21.94	22	0-1
				707.5	23095	21.89	22	0-1
				711	23130	21.88	22	0-1
		25 RB	0	704	23060	20.6	21	0-2
				707.5	23095	20.44	21	0-2
				711	23130	20.54	21	0-2
			12	704	23060	20.5	21	0-2
				707.5	23095	20.4	21	0-2
				711	23130	20.5	21	0-2
			25	704	23060	20.52	21	0-2
				707.5	23095	20.43	21	0-2
				711	23130	20.57	21	0-2
		50RB		704	23060	20.62	21	0-2
				707.5	23095	20.53	21	0-2
				711	23130	20.56	21	0-2
	64-QAM	1 RB	0	704	23060	20.93	21	0-2
				707.5	23095	20.75	21	0-2
				711	23130	20.8	21	0-2
			25	704	23060	20.61	21	0-2
				707.5	23095	20.46	21	0-2
				711	23130	20.67	21	0-2
			49	704	23060	20.94	21	0-2
				707.5	23095	20.78	21	0-2
				711	23130	20.92	21	0-2
		25 RB	0	704	23060	19.59	20	0-3
				707.5	23095	19.44	20	0-3
				711	23130	19.56	20	0-3
			12	704	23060	19.5	20	0-3
				707.5	23095	19.4	20	0-3
				711	23130	19.5	20	0-3
			25	704	23060	19.55	20	0-3
				707.5	23095	19.48	20	0-3
				711	23130	19.59	20	0-3
		50RB		704	23060	19.52	20	0-3
				707.5	23095	19.5	20	0-3
				711	23130	19.53	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	701.5	23035	22.60	23	0
				707.5	23095	22.44	23	0
				713.5	23155	22.53	23	0
			12	701.5	23035	22.05	23	0
				707.5	23095	22.15	23	0
				713.5	23155	22.18	23	0
			24	701.5	23035	22.48	23	0
				707.5	23095	22.39	23	0
				713.5	23155	22.30	23	0
		12 RB	0	701.5	23035	21.43	22	0-1
				707.5	23095	21.29	22	0-1
				713.5	23155	21.41	22	0-1
			6	701.5	23035	21.44	22	0-1
				707.5	23095	21.23	22	0-1
				713.5	23155	21.43	22	0-1
			13	701.5	23035	21.29	22	0-1
				707.5	23095	21.20	22	0-1
				713.5	23155	21.55	22	0-1
		25RB		701.5	23035	21.49	22	0-1
				707.5	23095	21.41	22	0-1
				713.5	23155	21.48	22	0-1
	16-QAM	1 RB	0	701.5	23035	21.86	22	0-1
				707.5	23095	21.77	22	0-1
				713.5	23155	21.83	22	0-1
			12	701.5	23035	21.70	22	0-1
				707.5	23095	21.52	22	0-1
				713.5	23155	21.65	22	0-1
			24	701.5	23035	21.86	22	0-1
				707.5	23095	21.84	22	0-1
				713.5	23155	21.67	22	0-1
		12 RB	0	701.5	23035	20.41	21	0-2
				707.5	23095	20.23	21	0-2
				713.5	23155	20.39	21	0-2
			6	701.5	23035	20.31	21	0-2
				707.5	23095	20.30	21	0-2
				713.5	23155	20.37	21	0-2
			13	701.5	23035	20.31	21	0-2
				707.5	23095	20.29	21	0-2
				713.5	23155	20.44	21	0-2
		25RB		701.5	23035	20.50	21	0-2
				707.5	23095	20.35	21	0-2
				713.5	23155	20.40	21	0-2
	64-QAM	1 RB	0	701.5	23035	20.85	21	0-2
				707.5	23095	20.52	21	0-2
				713.5	23155	20.62	21	0-2
			12	701.5	23035	20.44	21	0-2
				707.5	23095	20.28	21	0-2
				713.5	23155	20.60	21	0-2
			24	701.5	23035	20.70	21	0-2
				707.5	23095	20.69	21	0-2
				713.5	23155	20.79	21	0-2
		12 RB	0	701.5	23035	19.38	20	0-3
				707.5	23095	19.34	20	0-3
				713.5	23155	19.44	20	0-3
			6	701.5	23035	19.37	20	0-3
				707.5	23095	19.16	20	0-3
				713.5	23155	19.43	20	0-3
			13	701.5	23035	19.40	20	0-3
				707.5	23095	19.42	20	0-3
				713.5	23155	19.45	20	0-3
		25RB		701.5	23035	19.42	20	0-3
				707.5	23095	19.30	20	0-3
				713.5	23155	19.46	20	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	700.5	23025	22.40	23	0
				707.5	23095	22.25	23	0
				714.5	23165	22.32	23	0
			7	700.5	23025	21.91	23	0
				707.5	23095	21.99	23	0
				714.5	23165	22.12	23	0
			14	700.5	23025	22.25	23	0
				707.5	23095	22.33	23	0
				714.5	23165	22.25	23	0
		8 RB	0	700.5	23025	21.24	22	0-1
				707.5	23095	21.23	22	0-1
				714.5	23165	21.35	22	0-1
			4	700.5	23025	21.28	22	0-1
				707.5	23095	21.17	22	0-1
				714.5	23165	21.24	22	0-1
			7	700.5	23025	21.06	22	0-1
				707.5	23095	21.03	22	0-1
				714.5	23165	21.36	22	0-1
		15RB		700.5	23025	21.28	22	0-1
				707.5	23095	21.29	22	0-1
				714.5	23165	21.28	22	0-1
	16-QAM	1 RB	0	700.5	23025	21.63	22	0-1
				707.5	23095	21.66	22	0-1
				714.5	23165	21.68	22	0-1
			7	700.5	23025	21.65	22	0-1
				707.5	23095	21.40	22	0-1
				714.5	23165	21.54	22	0-1
			14	700.5	23025	21.75	22	0-1
				707.5	23095	21.62	22	0-1
				714.5	23165	21.48	22	0-1
		8 RB	0	700.5	23025	20.29	21	0-2
				707.5	23095	20.04	21	0-2
				714.5	23165	20.30	21	0-2
			4	700.5	23025	20.17	21	0-2
				707.5	23095	20.15	21	0-2
				714.5	23165	20.22	21	0-2
			7	700.5	23025	20.20	21	0-2
				707.5	23095	20.11	21	0-2
				714.5	23165	20.30	21	0-2
		15RB		700.5	23025	20.29	21	0-2
				707.5	23095	20.14	21	0-2
				714.5	23165	20.27	21	0-2
	64-QAM	1 RB	0	700.5	23025	20.78	21	0-2
				707.5	23095	20.30	21	0-2
				714.5	23165	20.40	21	0-2
			7	700.5	23025	20.28	21	0-2
				707.5	23095	20.08	21	0-2
				714.5	23165	20.51	21	0-2
			14	700.5	23025	20.62	21	0-2
				707.5	23095	20.58	21	0-2
				714.5	23165	20.57	21	0-2
		8 RB	0	700.5	23025	19.27	20	0-3
				707.5	23095	19.20	20	0-3
				714.5	23165	19.31	20	0-3
			4	700.5	23025	19.32	20	0-3
				707.5	23095	18.94	20	0-3
				714.5	23165	19.19	20	0-3
			7	700.5	23025	19.33	20	0-3
				707.5	23095	19.37	20	0-3
				714.5	23165	19.24	20	0-3
		15RB		700.5	23025	19.32	20	0-3
				707.5	23095	19.25	20	0-3
				714.5	23165	19.33	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	699.7	23017	22.23	23	0
				707.5	23095	22.05	23	0
				715.3	23173	22.27	23	0
			2	699.7	23017	21.68	23	0
				707.5	23095	21.88	23	0
				715.3	23173	21.92	23	0
			5	699.7	23017	22.15	23	0
				707.5	23095	22.18	23	0
				715.3	23173	22.03	23	0
		3 RB	0	699.7	23017	21.16	22	0-1
				707.5	23095	21.18	22	0-1
				715.3	23173	21.21	22	0-1
			2	699.7	23017	21.14	22	0-1
				707.5	23095	20.97	22	0-1
				715.3	23173	21.11	22	0-1
			3	699.7	23017	20.99	22	0-1
				707.5	23095	20.81	22	0-1
				715.3	23173	21.16	22	0-1
		6RB		699.7	23017	21.21	22	0-1
				707.5	23095	21.24	22	0-1
				715.3	23173	21.15	22	0-1
	16-QAM	1 RB	0	699.7	23017	21.53	22	0-1
				707.5	23095	21.52	22	0-1
				715.3	23173	21.46	22	0-1
			2	699.7	23017	21.49	22	0-1
				707.5	23095	21.35	22	0-1
				715.3	23173	21.36	22	0-1
			5	699.7	23017	21.67	22	0-1
				707.5	23095	21.42	22	0-1
				715.3	23173	21.30	22	0-1
		3 RB	0	699.7	23017	20.10	21	0-1
				707.5	23095	19.83	21	0-1
				715.3	23173	20.21	21	0-1
			2	699.7	23017	20.07	21	0-1
				707.5	23095	19.92	21	0-1
				715.3	23173	20.09	21	0-1
			3	699.7	23017	20.09	21	0-1
				707.5	23095	19.90	21	0-1
				715.3	23173	20.18	21	0-1
		6RB		699.7	23017	20.21	21	0-2
				707.5	23095	20.02	21	0-2
				715.3	23173	20.04	21	0-2
	64-QAM	1 RB	0	699.7	23017	20.71	21	0-2
				707.5	23095	20.11	21	0-2
				715.3	23173	20.33	21	0-2
			2	699.7	23017	20.12	21	0-2
				707.5	23095	19.92	21	0-2
				715.3	23173	20.33	21	0-2
			5	699.7	23017	20.47	21	0-2
				707.5	23095	20.53	21	0-2
				715.3	23173	20.49	21	0-2
		3 RB	0	699.7	23017	19.10	21	0-2
				707.5	23095	19.06	21	0-2
				715.3	23173	19.09	21	0-2
			2	699.7	23017	19.08	21	0-2
				707.5	23095	19.15	21	0-2
				715.3	23173	19.14	21	0-2
			3	699.7	23017	19.10	21	0-2
				707.5	23095	19.21	21	0-2
				715.3	23173	19.04	21	0-2
		6RB		699.7	23017	19.13	20	0-3
				707.5	23095	19.02	20	0-3
				715.3	23173	19.18	20	0-3

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LTE Band 13

BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	782	23230	22.75	23	0
			25	782	23230	22.38	23	0
			49	782	23230	22.61	23	0
		25 RB	0	782	23230	21.64	22	0-1
			12	782	23230	21.52	22	0-1
			25	782	23230	21.57	22	0-1
		50RB		782	23230	21.59	22	0-1
	16-QAM	1 RB	0	782	23230	21.97	22	0-1
			25	782	23230	21.59	22	0-1
			49	782	23230	21.92	22	0-1
		25 RB	0	782	23230	20.52	21	0-2
			12	782	23230	20.52	21	0-2
			25	782	23230	20.59	21	0-2
		50RB		782	23230	20.59	21	0-2
	64-QAM	1 RB	0	782	23230	20.93	21	0-2
			25	782	23230	20.58	21	0-2
			49	782	23230	20.84	21	0-2
		25 RB	0	782	23230	19.61	20	0-3
			12	782	23230	19.48	20	0-3
			25	782	23230	19.59	20	0-3
		50RB		782	23230	19.55	20	0-3

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Report No.: T191105W01-SF

BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	779.5	23205	22.57	23	0
				782	23230	22.31	23	0
				784.5	23255	22.55	23	0
			12	779.5	23205	21.58	23	0
				782	23230	21.31	23	0
				784.5	23255	21.38	23	0
			24	779.5	23205	21.52	23	0
				782	23230	21.86	23	0
				784.5	23255	21.51	23	0
		12 RB	0	779.5	23205	21.79	22	0-1
				782	23230	20.34	22	0-1
				784.5	23255	20.34	22	0-1
			6	779.5	23205	20.43	22	0-1
				782	23230	20.50	22	0-1
				784.5	23255	20.73	22	0-1
			13	779.5	23205	20.53	22	0-1
				782	23230	20.65	22	0-1
				784.5	23255	20.43	22	0-1
		25RB		779.5	23205	20.35	22	0-1
				782	23230	20.41	22	0-1
				784.5	23255	20.33	22	0-1
	16-QAM	1 RB	0	779.5	23205	21.86	22	0-1
				782	23230	21.52	22	0-1
				784.5	23255	21.81	22	0-1
			12	779.5	23205	20.97	22	0-1
				782	23230	20.57	22	0-1
				784.5	23255	20.70	22	0-1
			24	779.5	23205	20.83	22	0-1
				782	23230	21.25	22	0-1
				784.5	23255	20.84	22	0-1
		12 RB	0	779.5	23205	21.00	21	0-2
				782	23230	19.59	21	0-2
				784.5	23255	19.65	21	0-2
			6	779.5	23205	19.73	21	0-2
				782	23230	19.83	21	0-2
				784.5	23255	20.10	21	0-2
			13	779.5	23205	19.93	21	0-2
				782	23230	19.87	21	0-2
				784.5	23255	19.73	21	0-2
		25RB		779.5	23205	19.75	21	0-2
				782	23230	19.74	21	0-2
				784.5	23255	19.71	21	0-2
	64-QAM	1 RB	0	779.5	23205	20.12	21	0-2
				782	23230	20.87	21	0-2
				784.5	23255	20.42	21	0-2
			12	779.5	23205	20.27	21	0-2
				782	23230	19.83	21	0-2
				784.5	23255	19.92	21	0-2
			24	779.5	23205	20.20	21	0-2
				782	23230	20.65	21	0-2
				784.5	23255	20.19	21	0-2
		12 RB	0	779.5	23205	19.45	20	0-3
				782	23230	18.97	20	0-3
				784.5	23255	18.98	20	0-3
			6	779.5	23205	18.98	20	0-3
				782	23230	19.15	20	0-3
				784.5	23255	19.42	20	0-3
			13	779.5	23205	19.29	20	0-3
				782	23230	19.20	20	0-3
				784.5	23255	18.94	20	0-3
		25RB		779.5	23205	19.13	20	0-3
				782	23230	19.02	20	0-3
				784.5	23255	19.00	20	0-3

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LTE Band 14

BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	793	23330	22.58	23	0
			25	793	23330	22.35	23	0
			49	793	23330	22.62	23	0
		25 RB	0	793	23330	21.48	22	0-1
			12	793	23330	21.43	22	0-1
			25	793	23330	21.46	22	0-1
		50RB		793	23330	21.36	22	0-1
	16-QAM	1 RB	0	793	23330	21.85	22	0-1
			25	793	23330	21.65	22	0-1
			49	793	23330	21.82	22	0-1
		25 RB	0	793	23330	20.47	21	0-2
			12	793	23330	20.38	21	0-2
			25	793	23330	20.44	21	0-2
		50RB		793	23330	20.48	21	0-2
	64-QAM	1 RB	0	793	23330	20.98	21	0-2
			25	793	23330	20.69	21	0-2
			49	793	23330	20.92	21	0-2
		25 RB	0	793	23330	19.67	20	0-3
			12	793	23330	19.57	20	0-3
			25	793	23330	19.62	20	0-3
		50RB		793	23330	19.6	20	0-3

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Report No.: T191105W01-SF

BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	790.5	23305	22.47	23	0
				793	23330	22.30	23	0
				795.5	23355	22.44	23	0
			12	790.5	23305	21.41	23	0
				793	23330	21.19	23	0
				795.5	23355	21.23	23	0
			24	790.5	23305	21.31	23	0
				793	23330	21.78	23	0
				795.5	23355	21.53	23	0
		12 RB	0	790.5	23305	21.63	22	0-1
				793	23330	20.31	22	0-1
				795.5	23355	20.25	22	0-1
			6	790.5	23305	20.37	22	0-1
				793	23330	20.31	22	0-1
				795.5	23355	20.89	22	0-1
			13	790.5	23305	20.48	22	0-1
				793	23330	20.75	22	0-1
				795.5	23355	21.42	22	0-1
		25RB		790.5	23305	21.41	22	0-1
				793	23330	20.12	22	0-1
				795.5	23355	20.17	22	0-1
	16-QAM	1 RB	0	790.5	23305	21.48	22	0-1
				793	23330	21.45	22	0-1
				795.5	23355	21.55	22	0-1
			12	790.5	23305	21.32	22	0-1
				793	23330	20.97	22	0-1
				795.5	23355	21.01	22	0-1
			24	790.5	23305	21.13	22	0-1
				793	23330	21.69	22	0-1
				795.5	23355	21.29	22	0-1
		12 RB	0	790.5	23305	20.54	21	0-2
				793	23330	20.22	21	0-2
				795.5	23355	20.16	21	0-2
			6	790.5	23305	20.31	21	0-2
				793	23330	20.12	21	0-2
				795.5	23355	20.67	21	0-2
			13	790.5	23305	20.39	21	0-2
				793	23330	20.62	21	0-2
				795.5	23355	20.32	21	0-2
		25RB		790.5	23305	20.26	21	0-2
				793	23330	20.07	21	0-2
				795.5	23355	19.95	21	0-2
	64-QAM	1 RB	0	790.5	23305	20.81	21	0-2
				793	23330	20.73	21	0-2
				795.5	23355	20.81	21	0-2
			12	790.5	23305	20.62	21	0-2
				793	23330	20.26	21	0-2
				795.5	23355	20.47	21	0-2
			24	790.5	23305	20.41	21	0-2
				793	23330	20.89	21	0-2
				795.5	23355	20.59	21	0-2
		12 RB	0	790.5	23305	19.83	20	0-3
				793	23330	19.64	20	0-3
				795.5	23355	19.43	20	0-3
			6	790.5	23305	19.68	20	0-3
				793	23330	19.47	20	0-3
				795.5	23355	19.78	20	0-3
			13	790.5	23305	19.78	20	0-3
				793	23330	19.89	20	0-3
				795.5	23355	19.73	20	0-3
		25RB		790.5	23305	19.54	20	0-3
				793	23330	19.46	20	0-3
				795.5	23355	19.30	20	0-3

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LTE Band 17

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	709	23780	22.64	23	0
				710	23790	22.63	23	0
				711	23800	22.66	23	0
			25	709	23780	22.37	23	0
				710	23790	22.38	23	0
				711	23800	22.47	23	0
			49	709	23780	22.75	23	0
				710	23790	22.77	23	0
				711	23800	22.74	23	0
		25 RB	0	709	23780	21.49	22	0-1
				710	23790	21.49	22	0-1
				711	23800	21.47	22	0-1
			12	709	23780	21.47	22	0-1
				710	23790	21.45	22	0-1
				711	23800	21.54	22	0-1
			25	709	23780	21.51	22	0-1
				710	23790	21.58	22	0-1
				711	23800	21.55	22	0-1
		50RB		709	23780	21.42	22	0-1
				710	23790	21.43	22	0-1
				711	23800	21.52	22	0-1
	16-QAM	1 RB	0	709	23780	21.91	22	0-1
				710	23790	21.91	22	0-1
				711	23800	21.92	22	0-1
			25	709	23780	21.7	22	0-1
				710	23790	21.72	22	0-1
				711	23800	21.72	22	0-1
			49	709	23780	21.92	22	0-1
				710	23790	21.93	22	0-1
				711	23800	21.96	22	0-1
		25 RB	0	709	23780	20.42	21	0-2
				710	23790	20.44	21	0-2
				711	23800	20.47	21	0-2
			12	709	23780	20.43	21	0-2
				710	23790	20.48	21	0-2
				711	23800	20.46	21	0-2
			25	709	23780	20.43	21	0-2
				710	23790	20.43	21	0-2
				711	23800	20.51	21	0-2
		50RB		709	23780	20.5	21	0-2
				710	23790	20.47	21	0-2
				711	23800	20.51	21	0-2
	64-QAM	1 RB	0	709	23780	20.92	21	0-2
				710	23790	20.89	21	0-2
				711	23800	20.81	21	0-2
			25	709	23780	20.63	21	0-2
				710	23790	20.58	21	0-2
				711	23800	20.62	21	0-2
			49	709	23780	20.93	21	0-2
				710	23790	20.95	21	0-2
				711	23800	20.93	21	0-2
		25 RB	0	709	23780	19.48	20	0-3
				710	23790	19.49	20	0-3
				711	23800	19.48	20	0-3
			12	709	23780	19.42	20	0-3
				710	23790	19.49	20	0-3
				711	23800	19.49	20	0-3
			25	709	23780	19.5	20	0-3
				710	23790	19.5	20	0-3
				711	23800	19.56	20	0-3
		50RB		709	23780	19.43	20	0-3
				710	23790	19.43	20	0-3
				711	23800	19.48	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	706.5	23755	22.42	23	0
				710	23790	22.51	23	0
				713.5	23825	22.43	23	0
			12	706.5	23755	22.16	23	0
				710	23790	22.28	23	0
				713.5	23825	22.27	23	0
			24	706.5	23755	22.61	23	0
				710	23790	22.69	23	0
				713.5	23825	22.56	23	0
		12 RB	0	706.5	23755	21.38	22	0-1
				710	23790	21.44	22	0-1
				713.5	23825	21.32	22	0-1
			6	706.5	23755	21.40	22	0-1
				710	23790	21.22	22	0-1
				713.5	23825	21.32	22	0-1
			13	706.5	23755	21.34	22	0-1
				710	23790	21.39	22	0-1
				713.5	23825	21.51	22	0-1
		25RB		706.5	23755	21.37	22	0-1
				710	23790	21.38	22	0-1
				713.5	23825	21.28	22	0-1
	16-QAM	1 RB	0	706.5	23755	21.83	22	0-1
				710	23790	21.69	22	0-1
				713.5	23825	21.84	22	0-1
			12	706.5	23755	21.63	22	0-1
				710	23790	21.55	22	0-1
				713.5	23825	21.52	22	0-1
			24	706.5	23755	21.69	22	0-1
				710	23790	21.86	22	0-1
				713.5	23825	21.81	22	0-1
		12 RB	0	706.5	23755	20.24	21	0-2
				710	23790	20.37	21	0-2
				713.5	23825	20.32	21	0-2
			6	706.5	23755	20.21	21	0-2
				710	23790	20.37	21	0-2
				713.5	23825	20.36	21	0-2
			13	706.5	23755	20.30	21	0-2
				710	23790	20.31	21	0-2
				713.5	23825	20.28	21	0-2
		25RB		706.5	23755	20.26	21	0-2
				710	23790	20.40	21	0-2
				713.5	23825	20.38	21	0-2
	64-QAM	1 RB	0	706.5	23755	20.75	21	0-2
				710	23790	20.74	21	0-2
				713.5	23825	20.70	21	0-2
			12	706.5	23755	20.41	21	0-2
				710	23790	20.44	21	0-2
				713.5	23825	20.44	21	0-2
			24	706.5	23755	20.69	21	0-2
				710	23790	20.80	21	0-2
				713.5	23825	20.76	21	0-2
		12 RB	0	706.5	23755	19.24	20	0-3
				710	23790	19.41	20	0-3
				713.5	23825	19.28	20	0-3
			6	706.5	23755	19.26	20	0-3
				710	23790	19.30	20	0-3
				713.5	23825	19.28	20	0-3
			13	706.5	23755	19.30	20	0-3
				710	23790	19.27	20	0-3
				713.5	23825	19.49	20	0-3
		25RB		706.5	23755	19.22	20	0-3
				710	23790	19.19	20	0-3
				713.5	23825	19.28	20	0-3

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LTE Band 25

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	26140	22.65	23	0	15	QPSK	1 RB	0	1857.5	26115	22.57	23	0
				1882.5	26365	22.72	23	0					1882.5	26365	22.49	23	0
				1905	26590	22.66	23	0					1907.5	26615	22.53	23	0
			49	1860	26140	22.13	23	0				36	1857.5	26115	21.93	23	0
				1882.5	26365	22.24	23	0					1882.5	26365	22.11	23	0
				1905	26590	22.43	23	0					1907.5	26615	22.34	23	0
			99	1860	26140	22.24	23	0				74	1857.5	26115	22.03	23	0
				1882.5	26365	22.26	23	0					1882.5	26365	22.09	23	0
				1905	26590	22.56	23	0					1907.5	26615	22.33	23	0
		50 RB	0	1860	26140	21.36	22	0-1			36 RB	0	1857.5	26115	21.18	22	0-1
				1882.5	26365	21.27	22	0-1					1882.5	26365	21.06	22	0-1
				1905	26590	21.65	22	0-1					1907.5	26615	21.55	22	0-1
			24	1860	26140	21.23	22	0-1				18	1857.5	26115	21.16	22	0-1
				1882.5	26365	21.21	22	0-1					1882.5	26365	21.05	22	0-1
				1905	26590	21.48	22	0-1					1907.5	26615	21.29	22	0-1
			50	1860	26140	21.27	22	0-1				37	1857.5	26115	21.15	22	0-1
				1882.5	26365	21.27	22	0-1					1882.5	26365	21.22	22	0-1
				1905	26590	21.58	22	0-1					1907.5	26615	21.34	22	0-1
		100RB		1860	26140	21.43	22	0-1			75RB		1857.5	26115	21.27	22	0-1
				1882.5	26365	21.34	22	0-1					1882.5	26365	21.20	22	0-1
				1905	26590	21.71	22	0-1					1907.5	26615	21.51	22	0-1
	16-QAM	1 RB	0	1860	26140	21.92	22	0-1		16-QAM	1 RB	0	1857.5	26115	21.79	22	0-1
				1882.5	26365	21.91	22	0-1					1882.5	26365	21.67	22	0-1
				1905	26590	21.92	22	0-1					1907.5	26615	21.71	22	0-1
			49	1860	26140	21.53	22	0-1				36	1857.5	26115	21.40	22	0-1
				1882.5	26365	21.46	22	0-1					1882.5	26365	21.30	22	0-1
				1905	26590	21.68	22	0-1					1907.5	26615	21.50	22	0-1
			99	1860	26140	21.59	22	0-1				74	1857.5	26115	21.39	22	0-1
				1882.5	26365	21.5	22	0-1					1882.5	26365	21.33	22	0-1
				1905	26590	21.6	22	0-1					1907.5	26615	21.38	22	0-1
		50 RB	0	1860	26140	20.29	21	0-2			36 RB	0	1857.5	26115	20.17	21	0-2
				1882.5	26365	20.25	21	0-2					1882.5	26365	20.06	21	0-2
				1905	26590	20.61	21	0-2					1907.5	26615	20.56	21	0-2
			24	1860	26140	20.32	21	0-2				18	1857.5	26115	20.18	21	0-2
				1882.5	26365	20.27	21	0-2					1882.5	26365	20.17	21	0-2
				1905	26590	20.47	21	0-2					1907.5	26615	20.29	21	0-2
			50	1860	26140	20.32	21	0-2				37	1857.5	26115	20.17	21	0-2
				1882.5	26365	20.26	21	0-2					1882.5	26365	20.16	21	0-2
				1905	26590	20.65	21	0-2					1907.5	26615	20.52	21	0-2
		100RB		1860	26140	20.41	21	0-2			75RB		1857.5	26115	20.23	21	0-2
				1882.5	26365	20.33	21	0-2					1882.5	26365	20.25	21	0-2
				1905	26590	20.65	21	0-2					1907.5	26615	20.57	21	0-2
	64-QAM	1 RB	0	1860	26140	20.83	21	0-2		64-QAM	1 RB	0	1857.5	26115	20.75	21	0-2
				1882.5	26365	20.9	21	0-2					1882.5	26365	20.84	21	0-2
				1905	26590	20.95	21	0-2					1907.5	26615	20.75	21	0-2
			49	1860	26140	20.36	21	0-2				36	1857.5	26115	20.13	21	0-2
				1882.5	26365	20.37	21	0-2					1882.5	26365	20.17	21	0-2
				1905	26590	20.67	21	0-2					1907.5	26615	20.44	21	0-2
			99	1860	26140	20.49	21	0-2				74	1857.5	26115	20.41	21	0-2
				1882.5	26365	20.41	21	0-2					1882.5	26365	20.25	21	0-2
				1905	26590	20.57	21	0-2					1907.5	26615	20.45	21	0-2
		50 RB	0	1860	26140	19.34	20	0-3			36 RB	0	1857.5	26115	19.27	20	0-3
				1882.5	26365	19.24	20	0-3					1882.5	26365	19.10	20	0-3
				1905	26590	19.58	20	0-3					1907.5	26615	19.46	20	0-3
			24	1860	26140	19.28	20	0-3				18	1857.5	26115	19.09	20	0-3
				1882.5	26365	19.23	20	0-3					1882.5	26365	19.00	20	0-3
				1905	26590	19.45	20	0-3					1907.5	26615	19.30	20	0-3
			50	1860	26140	19.28	20	0-3				37	1857.5	26115	19.06	20	0-3
				1882.5	26365	19.24	20	0-3					1882.5	26365	19.07	20	0-3
				1905	26590	19.63	20	0-3					1907.5	26615	19.50	20	0-3
		100RB		1860	26140	19.41	20	0-3			75RB		1857.5	26115	19.36	20	0-3
				1882.5	26365	19.32	20	0-3					1882.5	26365	19.11	20	0-3
				1905	26590	19.66	20	0-3					1907.5	26615	19.58	20	0-3

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Report No.: T191105W01-SF

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	26090	22.52	23	0
				1882.5	26365	22.28	23	0
				1910	26640	22.41	23	0
			25	1855	26090	21.71	23	0
				1882.5	26365	22.02	23	0
				1910	26640	22.19	23	0
			49	1855	26090	21.87	23	0
				1882.5	26365	21.99	23	0
				1910	26640	22.27	23	0
		25 RB	0	1855	26090	21.05	22	0-1
				1882.5	26365	20.96	22	0-1
				1910	26640	21.35	22	0-1
			12	1855	26090	21.06	22	0-1
				1882.5	26365	20.85	22	0-1
				1910	26640	21.15	22	0-1
			25	1855	26090	21.10	22	0-1
				1882.5	26365	21.07	22	0-1
				1910	26640	21.11	22	0-1
		50RB		1855	26090	21.14	22	0-1
				1882.5	26365	21.10	22	0-1
				1910	26640	21.27	22	0-1
	16-QAM	1 RB	0	1855	26090	21.60	22	0-1
				1882.5	26365	21.61	22	0-1
				1910	26640	21.66	22	0-1
			25	1855	26090	21.30	22	0-1
				1882.5	26365	21.19	22	0-1
				1910	26640	21.39	22	0-1
			49	1855	26090	21.32	22	0-1
				1882.5	26365	21.13	22	0-1
				1910	26640	21.24	22	0-1
		25 RB	0	1855	26090	20.02	21	0-2
				1882.5	26365	19.93	21	0-2
				1910	26640	20.45	21	0-2
			12	1855	26090	20.01	21	0-2
				1882.5	26365	20.00	21	0-2
				1910	26640	20.18	21	0-2
			25	1855	26090	20.00	21	0-2
				1882.5	26365	20.03	21	0-2
				1910	26640	20.37	21	0-2
		50RB		1855	26090	20.06	21	0-2
				1882.5	26365	20.16	21	0-2
				1910	26640	20.52	21	0-2
	64-QAM	1 RB	0	1855	26090	20.59	21	0-2
				1882.5	26365	20.71	21	0-2
				1910	26640	20.53	21	0-2
			25	1855	26090	19.98	21	0-2
				1882.5	26365	19.93	21	0-2
				1910	26640	20.23	21	0-2
			49	1855	26090	20.29	21	0-2
				1882.5	26365	20.08	21	0-2
				1910	26640	20.33	21	0-2
		25 RB	0	1855	26090	19.17	20	0-3
				1882.5	26365	18.92	20	0-3
				1910	26640	19.40	20	0-3
			12	1855	26090	18.91	20	0-3
				1882.5	26365	18.87	20	0-3
				1910	26640	19.20	20	0-3
			25	1855	26090	18.95	20	0-3
				1882.5	26365	18.98	20	0-3
				1910	26640	19.26	20	0-3
		50RB		1855	26090	19.18	20	0-3
				1882.5	26365	19.04	20	0-3
				1910	26640	19.50	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	26065	22.29	23	0
				1882.5	26365	22.09	23	0
				1912.5	26665	22.20	23	0
			12	1852.5	26065	21.60	23	0
				1882.5	26365	21.83	23	0
				1912.5	26665	22.02	23	0
			24	1852.5	26065	21.79	23	0
				1882.5	26365	21.90	23	0
				1912.5	26665	22.21	23	0
		12 RB	0	1852.5	26065	20.86	22	0-1
				1882.5	26365	20.82	22	0-1
				1912.5	26665	21.24	22	0-1
			6	1852.5	26065	20.93	22	0-1
				1882.5	26365	20.66	22	0-1
				1912.5	26665	21.08	22	0-1
			13	1852.5	26065	20.98	22	0-1
				1882.5	26365	20.84	22	0-1
				1912.5	26665	20.90	22	0-1
		25RB		1852.5	26065	21.08	22	0-1
				1882.5	26365	21.00	22	0-1
				1912.5	26665	21.16	22	0-1
	16-QAM	1 RB	0	1852.5	26065	21.46	22	0-1
				1882.5	26365	21.50	22	0-1
				1912.5	26665	21.51	22	0-1
			12	1852.5	26065	21.17	22	0-1
				1882.5	26365	21.07	22	0-1
				1912.5	26665	21.25	22	0-1
			24	1852.5	26065	21.12	22	0-1
				1882.5	26365	21.05	22	0-1
				1912.5	26665	21.01	22	0-1
		12 RB	0	1852.5	26065	19.89	21	0-2
				1882.5	26365	19.78	21	0-2
				1912.5	26665	20.34	21	0-2
			6	1852.5	26065	19.83	21	0-2
				1882.5	26365	19.80	21	0-2
				1912.5	26665	19.97	21	0-2
			13	1852.5	26065	19.80	21	0-2
				1882.5	26365	19.95	21	0-2
				1912.5	26665	20.21	21	0-2
		25RB		1852.5	26065	20.00	21	0-2
				1882.5	26365	19.95	21	0-2
				1912.5	26665	20.40	21	0-2
	64-QAM	1 RB	0	1852.5	26065	20.43	21	0-2
				1882.5	26365	20.53	21	0-2
				1912.5	26665	20.41	21	0-2
			12	1852.5	26065	19.93	21	0-2
				1882.5	26365	19.76	21	0-2
				1912.5	26665	20.01	21	0-2
			24	1852.5	26065	20.18	21	0-2
				1882.5	26365	19.86	21	0-2
				1912.5	26665	20.15	21	0-2
		12 RB	0	1852.5	26065	19.03	20	0-3
				1882.5	26365	18.78	20	0-3
				1912.5	26665	19.35	20	0-3
			6	1852.5	26065	18.80	20	0-3
				1882.5	26365	18.79	20	0-3
				1912.5	26665	19.14	20	0-3
			13	1852.5	26065	18.80	20	0-3
				1882.5	26365	18.84	20	0-3
				1912.5	26665	19.13	20	0-3
		25RB		1852.5	26065	19.10	20	0-3
				1882.5	26365	18.83	20	0-3
				1912.5	26665	19.38	20	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	26055	22.23	23	0
				1882.5	26365	22.03	23	0
				1913.5	26675	21.97	23	0
			7	1851.5	26055	21.49	23	0
				1882.5	26365	21.78	23	0
				1913.5	26675	21.93	23	0
			14	1851.5	26055	21.55	23	0
				1882.5	26365	21.71	23	0
				1913.5	26675	22.00	23	0
		8 RB	0	1851.5	26055	20.70	22	0-1
				1882.5	26365	20.72	22	0-1
				1913.5	26675	21.14	22	0-1
			4	1851.5	26055	20.87	22	0-1
				1882.5	26365	20.51	22	0-1
				1913.5	26675	20.90	22	0-1
			7	1851.5	26055	20.82	22	0-1
				1882.5	26365	20.64	22	0-1
				1913.5	26675	20.80	22	0-1
		15RB		1851.5	26055	21.02	22	0-1
				1882.5	26365	20.81	22	0-1
				1913.5	26675	21.02	22	0-1
	16-QAM	1 RB	0	1851.5	26055	21.33	22	0-1
				1882.5	26365	21.29	22	0-1
				1913.5	26675	21.36	22	0-1
			7	1851.5	26055	21.01	22	0-1
				1882.5	26365	20.84	22	0-1
				1913.5	26675	21.11	22	0-1
			14	1851.5	26055	20.89	22	0-1
				1882.5	26365	20.96	22	0-1
				1913.5	26675	20.88	22	0-1
		8 RB	0	1851.5	26055	19.67	21	0-2
				1882.5	26365	19.73	21	0-2
				1913.5	26675	20.15	21	0-2
			4	1851.5	26055	19.66	21	0-2
				1882.5	26365	19.72	21	0-2
				1913.5	26675	19.88	21	0-2
			7	1851.5	26055	19.66	21	0-2
				1882.5	26365	19.75	21	0-2
				1913.5	26675	20.12	21	0-2
		15RB		1851.5	26055	19.95	21	0-2
				1882.5	26365	19.88	21	0-2
				1913.5	26675	20.34	21	0-2
	64-QAM	1 RB	0	1851.5	26055	20.38	21	0-2
				1882.5	26365	20.42	21	0-2
				1913.5	26675	20.36	21	0-2
			7	1851.5	26055	19.69	21	0-2
				1882.5	26365	19.55	21	0-2
				1913.5	26675	19.85	21	0-2
			14	1851.5	26055	19.95	21	0-2
				1882.5	26365	19.72	21	0-2
				1913.5	26675	20.06	21	0-2
		8 RB	0	1851.5	26055	18.83	20	0-3
				1882.5	26365	18.67	20	0-3
				1913.5	26675	19.22	20	0-3
			4	1851.5	26055	18.71	20	0-3
				1882.5	26365	18.59	20	0-3
				1913.5	26675	18.90	20	0-3
			7	1851.5	26055	18.75	20	0-3
				1882.5	26365	18.72	20	0-3
				1913.5	26675	19.08	20	0-3
		15RB		1851.5	26055	18.91	20	0-3
				1882.5	26365	18.62	20	0-3
				1913.5	26675	19.29	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	26047	22.04	23	0
				1882.5	26365	21.92	23	0
				1914.3	26683	21.81	23	0
			2	1850.7	26047	21.25	23	0
				1882.5	26365	21.67	23	0
				1914.3	26683	21.70	23	0
			5	1850.7	26047	21.31	23	0
				1882.5	26365	21.62	23	0
				1914.3	26683	21.81	23	0
		3 RB	0	1850.7	26047	21.08	23	0
				1882.5	26365	21.17	23	0
				1914.3	26683	21.62	23	0
			2	1850.7	26047	21.26	23	0
				1882.5	26365	21.17	23	0
				1914.3	26683	21.32	23	0
			3	1850.7	26047	21.23	23	0
				1882.5	26365	21.05	23	0
				1914.3	26683	21.17	23	0
		6RB		1850.7	26047	20.91	22	0-1
				1882.5	26365	20.76	22	0-1
				1914.3	26683	20.89	22	0-1
	16-QAM	1 RB	0	1850.7	26047	21.14	22	0-1
				1882.5	26365	21.16	22	0-1
				1914.3	26683	21.27	22	0-1
			2	1850.7	26047	20.88	22	0-1
				1882.5	26365	20.78	22	0-1
				1914.3	26683	20.94	22	0-1
			5	1850.7	26047	20.71	22	0-1
				1882.5	26365	20.81	22	0-1
				1914.3	26683	20.67	22	0-1
		3 RB	0	1850.7	26047	20.10	22	0-1
				1882.5	26365	20.07	22	0-1
				1914.3	26683	20.56	22	0-1
			2	1850.7	26047	20.08	22	0-1
				1882.5	26365	20.16	22	0-1
				1914.3	26683	20.20	22	0-1
			3	1850.7	26047	20.01	22	0-1
				1882.5	26365	20.12	22	0-1
				1914.3	26683	20.40	22	0-1
		6RB		1850.7	26047	20.25	21	0-2
				1882.5	26365	20.24	21	0-2
				1914.3	26683	20.77	21	0-2
	64-QAM	1 RB	0	1850.7	26047	20.77	21	0-2
				1882.5	26365	20.85	21	0-2
				1914.3	26683	20.79	21	0-2
			2	1850.7	26047	20.09	21	0-2
				1882.5	26365	19.81	21	0-2
				1914.3	26683	20.23	21	0-2
			5	1850.7	26047	20.23	21	0-2
				1882.5	26365	20.01	21	0-2
				1914.3	26683	20.51	21	0-2
		3 RB	0	1850.7	26047	19.20	21	0-2
				1882.5	26365	19.01	21	0-2
				1914.3	26683	19.56	21	0-2
			2	1850.7	26047	19.16	21	0-2
				1882.5	26365	19.04	21	0-2
				1914.3	26683	19.30	21	0-2
			3	1850.7	26047	19.14	21	0-2
				1882.5	26365	19.07	21	0-2
				1914.3	26683	19.43	21	0-2
		6RB		1850.7	26047	19.35	20	0-3
				1882.5	26365	18.93	20	0-3
				1914.3	26683	19.65	20	0-3

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LTE Band 26

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	821.5	26765	23.58	24	0
				831.5	26865	23.88	24	0
				841.5	26965	23.83	24	0
			36	821.5	26765	23.07	24	0
				831.5	26865	23.32	24	0
				841.5	26965	23.5	24	0
			74	821.5	26765	23.48	24	0
				831.5	26865	23.45	24	0
				841.5	26965	23.48	24	0
		36 RB	0	821.5	26765	22.64	23	0-1
				831.5	26865	22.79	23	0-1
				841.5	26965	22.77	23	0-1
			18	821.5	26765	22.29	23	0-1
				831.5	26865	22.47	23	0-1
				841.5	26965	22.77	23	0-1
			37	821.5	26765	22.03	23	0-1
				831.5	26865	22.33	23	0-1
				841.5	26965	22.66	23	0-1
		75RB		821.5	26765	22.24	23	0-1
				831.5	26865	22.46	23	0-1
				841.5	26965	22.45	23	0-1
	16-QAM	1 RB	0	821.5	26765	22.67	23	0-1
				831.5	26865	22.89	23	0-1
				841.5	26965	22.74	23	0-1
			36	821.5	26765	22.17	23	0-1
				831.5	26865	22.6	23	0-1
				841.5	26965	22.7	23	0-1
			74	821.5	26765	22.8	23	0-1
				831.5	26865	22.72	23	0-1
				841.5	26965	22.86	23	0-1
		36 RB	0	821.5	26765	21.53	22	0-2
				831.5	26865	21.69	22	0-2
				841.5	26965	21.85	22	0-2
			18	821.5	26765	21.24	22	0-2
				831.5	26865	21.43	22	0-2
				841.5	26965	21.72	22	0-2
			37	821.5	26765	21.05	22	0-2
				831.5	26865	21.3	22	0-2
				841.5	26965	21.6	22	0-2
		75RB		821.5	26765	21.2	22	0-2
				831.5	26865	21.52	22	0-2
				841.5	26965	21.86	22	0-2
	64-QAM	1 RB	0	821.5	26765	21.6	22	0-2
				831.5	26865	21.85	22	0-2
				841.5	26965	21.82	22	0-2
			36	821.5	26765	21.1	22	0-2
				831.5	26865	21.47	22	0-2
				841.5	26965	21.68	22	0-2
			74	821.5	26765	21.73	22	0-2
				831.5	26865	21.73	22	0-2
				841.5	26965	21.79	22	0-2
		36 RB	0	821.5	26765	20.52	21	0-3
				831.5	26865	20.69	21	0-3
				841.5	26965	20.88	21	0-3
			18	821.5	26765	20.24	21	0-3
				831.5	26865	20.51	21	0-3
				841.5	26965	20.72	21	0-3
			37	821.5	26765	20.05	21	0-3
				831.5	26865	20.22	21	0-3
				841.5	26965	20.53	21	0-3
		75RB		821.5	26765	20.22	21	0-3
				831.5	26865	20.51	21	0-3
				841.5	26965	20.84	21	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	819	26740	23.29	24	0
				831.5	26865	23.73	24	0
				844	26990	23.58	24	0
			25	819	26740	22.74	24	0
				831.5	26865	23.02	24	0
				844	26990	23.23	24	0
			49	819	26740	23.14	24	0
				831.5	26865	23.18	24	0
				844	26990	23.23	24	0
		25 RB	0	819	26740	22.42	23	0-1
				831.5	26865	22.48	23	0-1
				844	26990	22.59	23	0-1
			12	819	26740	22.03	23	0-1
				831.5	26865	22.27	23	0-1
				844	26990	22.57	23	0-1
			25	819	26740	21.71	23	0-1
				831.5	26865	22.16	23	0-1
				844	26990	22.33	23	0-1
		50RB		819	26740	21.92	23	0-1
				831.5	26865	22.17	23	0-1
				844	26990	22.65	23	0-1
	16-QAM	1 RB	0	819	26740	22.37	23	0-1
				831.5	26865	22.74	23	0-1
				844	26990	22.50	23	0-1
			25	819	26740	22.00	23	0-1
				831.5	26865	22.34	23	0-1
				844	26990	22.37	23	0-1
			49	819	26740	22.56	23	0-1
				831.5	26865	22.52	23	0-1
				844	26990	22.58	23	0-1
		25 RB	0	819	26740	21.28	22	0-2
				831.5	26865	21.44	22	0-2
				844	26990	21.61	22	0-2
			12	819	26740	21.09	22	0-2
				831.5	26865	21.21	22	0-2
				844	26990	21.51	22	0-2
			25	819	26740	20.82	22	0-2
				831.5	26865	21.06	22	0-2
				844	26990	21.33	22	0-2
		50RB		819	26740	20.97	22	0-2
				831.5	26865	21.18	22	0-2
				844	26990	21.61	22	0-2
	64-QAM	1 RB	0	819	26740	21.28	22	0-2
				831.5	26865	21.51	22	0-2
				844	26990	21.48	22	0-2
			25	819	26740	20.76	22	0-2
				831.5	26865	21.24	22	0-2
				844	26990	21.34	22	0-2
			49	819	26740	21.45	22	0-2
				831.5	26865	21.57	22	0-2
				844	26990	21.46	22	0-2
		25 RB	0	819	26740	20.31	21	0-3
				831.5	26865	20.43	21	0-3
				844	26990	20.55	21	0-3
			12	819	26740	20.03	21	0-3
				831.5	26865	20.31	21	0-3
				844	26990	20.56	21	0-3
			25	819	26740	19.80	21	0-3
				831.5	26865	20.04	21	0-3
				844	26990	20.36	21	0-3
		50RB		819	26740	19.95	21	0-3
				831.5	26865	20.29	21	0-3
				844	26990	20.65	21	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	816.5	26715	23.12	24	0
				831.5	26865	23.52	24	0
				846.5	27015	23.44	24	0
			12	816.5	26715	22.56	24	0
				831.5	26865	22.89	24	0
				846.5	27015	23.10	24	0
			24	816.5	26715	23.05	24	0
				831.5	26865	23.10	24	0
				846.5	27015	23.01	24	0
		12 RB	0	816.5	26715	22.18	23	0-1
				831.5	26865	22.31	23	0-1
				846.5	27015	22.39	23	0-1
			6	816.5	26715	21.98	23	0-1
				831.5	26865	22.21	23	0-1
				846.5	27015	22.42	23	0-1
			13	816.5	26715	21.65	23	0-1
				831.5	26865	22.01	23	0-1
				846.5	27015	22.20	23	0-1
		25RB		816.5	26715	21.77	23	0-1
				831.5	26865	22.08	23	0-1
				846.5	27015	22.43	23	0-1
	16-QAM	1 RB	0	815.5	26705	22.21	23	0-1
				831.5	26865	22.56	23	0-1
				847.5	27025	22.37	23	0-1
			7	815.5	26705	21.86	23	0-1
				831.5	26865	22.20	23	0-1
				847.5	27025	22.31	23	0-1
			14	815.5	26705	22.42	23	0-1
				831.5	26865	22.41	23	0-1
				847.5	27025	22.51	23	0-1
		8 RB	0	815.5	26705	21.15	22	0-2
				831.5	26865	21.21	22	0-2
				847.5	27025	21.53	22	0-2
			4	815.5	26705	21.00	22	0-2
				831.5	26865	21.03	22	0-2
				847.5	27025	21.31	22	0-2
			7	815.5	26705	20.64	22	0-2
				831.5	26865	20.90	22	0-2
				847.5	27025	21.25	22	0-2
		15RB		815.5	26705	20.77	22	0-2
				831.5	26865	21.05	22	0-2
				847.5	27025	21.41	22	0-2
	64-QAM	1 RB	0	815.5	26705	21.21	22	0-2
				831.5	26865	21.37	22	0-2
				847.5	27025	21.31	22	0-2
			7	815.5	26705	20.71	22	0-2
				831.5	26865	21.11	22	0-2
				847.5	27025	21.20	22	0-2
			14	815.5	26705	21.29	22	0-2
				831.5	26865	21.48	22	0-2
				847.5	27025	21.33	22	0-2
		8 RB	0	815.5	26705	20.23	21	0-3
				831.5	26865	20.29	21	0-3
				847.5	27025	20.39	21	0-3
			4	815.5	26705	19.85	21	0-3
				831.5	26865	20.20	21	0-3
				847.5	27025	20.44	21	0-3
			7	815.5	26705	19.60	21	0-3
				831.5	26865	19.82	21	0-3
				847.5	27025	20.26	21	0-3
		15RB		815.5	26705	19.73	21	0-3
				831.5	26865	20.05	21	0-3
				847.5	27025	20.58	21	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	815.5	26705	22.90	24	0
				831.5	26865	23.36	24	0
				847.5	27025	23.31	24	0
			7	815.5	26705	22.48	24	0
				831.5	26865	22.82	24	0
				847.5	27025	23.02	24	0
			14	815.5	26705	22.85	24	0
				831.5	26865	22.87	24	0
				847.5	27025	22.90	24	0
		8 RB	0	815.5	26705	22.01	23	0-1
				831.5	26865	22.17	23	0-1
				847.5	27025	22.15	23	0-1
			4	815.5	26705	21.93	23	0-1
				831.5	26865	22.07	23	0-1
				847.5	27025	22.33	23	0-1
			7	815.5	26705	21.52	23	0-1
				831.5	26865	21.77	23	0-1
				847.5	27025	22.14	23	0-1
		15RB		815.5	26705	21.56	23	0-1
				831.5	26865	21.92	23	0-1
				847.5	27025	22.23	23	0-1
	16-QAM	1 RB	0	815.5	26705	22.07	23	0-1
				831.5	26865	22.34	23	0-1
				847.5	27025	22.20	23	0-1
			7	815.5	26705	21.62	23	0-1
				831.5	26865	22.10	23	0-1
				847.5	27025	22.16	23	0-1
			14	815.5	26705	22.32	23	0-1
				831.5	26865	22.18	23	0-1
				847.5	27025	22.45	23	0-1
		8 RB	0	815.5	26705	21.07	22	0-2
				831.5	26865	21.02	22	0-2
				847.5	27025	21.44	22	0-2
			4	815.5	26705	20.84	22	0-2
				831.5	26865	20.89	22	0-2
				847.5	27025	21.25	22	0-2
			7	815.5	26705	20.48	22	0-2
				831.5	26865	20.72	22	0-2
				847.5	27025	21.04	22	0-2
		15RB		815.5	26705	20.53	22	0-2
				831.5	26865	21.00	22	0-2
				847.5	27025	21.20	22	0-2
	64-QAM	1 RB	0	815.5	26705	21.13	22	0-2
				831.5	26865	21.30	22	0-2
				847.5	27025	21.15	22	0-2
			7	815.5	26705	20.66	22	0-2
				831.5	26865	21.03	22	0-2
				847.5	27025	21.00	22	0-2
			14	815.5	26705	21.09	22	0-2
				831.5	26865	21.24	22	0-2
				847.5	27025	21.11	22	0-2
		8 RB	0	815.5	26705	20.10	21	0-3
				831.5	26865	20.15	21	0-3
				847.5	27025	20.25	21	0-3
			4	815.5	26705	19.64	21	0-3
				831.5	26865	20.05	21	0-3
				847.5	27025	20.21	21	0-3
			7	815.5	26705	19.46	21	0-3
				831.5	26865	19.64	21	0-3
				847.5	27025	20.08	21	0-3
		15RB		815.5	26705	19.68	21	0-3
				831.5	26865	19.87	21	0-3
				847.5	27025	20.38	21	0-3

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Report No.: T191105W01-SF

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	814.7	26697	22.82	24	0
				831.5	26865	23.30	24	0
				848.3	27033	23.22	24	0
			2	814.7	26697	22.35	24	0
				831.5	26865	22.64	24	0
				848.3	27033	22.96	24	0
			5	814.7	26697	22.67	24	0
				831.5	26865	22.80	24	0
				848.3	27033	22.75	24	0
		3 RB	0	814.7	26697	21.90	23	0-1
				831.5	26865	22.08	23	0-1
				848.3	27033	22.00	23	0-1
			2	814.7	26697	21.81	23	0-1
				831.5	26865	21.90	23	0-1
				848.3	27033	22.27	23	0-1
			3	814.7	26697	21.40	23	0-1
				831.5	26865	21.71	23	0-1
				848.3	27033	21.90	23	0-1
		6RB		814.7	26697	21.48	23	0-1
				831.5	26865	21.80	23	0-1
				848.3	27033	22.15	23	0-1
	16-QAM	1 RB	0	814.7	26697	21.99	23	0-1
				831.5	26865	22.15	23	0-1
				848.3	27033	22.09	23	0-1
			2	814.7	26697	21.48	23	0-1
				831.5	26865	21.92	23	0-1
				848.3	27033	22.09	23	0-1
			5	814.7	26697	22.25	23	0-1
				831.5	26865	22.10	23	0-1
				848.3	27033	22.26	23	0-1
		3 RB	0	814.7	26697	20.97	22	0-1
				831.5	26865	20.87	22	0-1
				848.3	27033	21.23	22	0-1
			2	814.7	26697	20.72	22	0-1
				831.5	26865	20.75	22	0-1
				848.3	27033	21.01	22	0-1
			3	814.7	26697	20.31	22	0-1
				831.5	26865	20.60	22	0-1
				848.3	27033	20.93	22	0-1
		6RB		814.7	26697	20.47	22	0-2
				831.5	26865	20.91	22	0-2
				848.3	27033	21.06	22	0-2
	64-QAM	1 RB	0	814.7	26697	20.91	22	0-2
				831.5	26865	21.07	22	0-2
				848.3	27033	20.93	22	0-2
			2	814.7	26697	20.56	22	0-2
				831.5	26865	20.85	22	0-2
				848.3	27033	20.85	22	0-2
			5	814.7	26697	20.99	22	0-2
				831.5	26865	21.19	22	0-2
				848.3	27033	20.96	22	0-2
		3 RB	0	814.7	26697	20.03	22	0-2
				831.5	26865	20.03	22	0-2
				848.3	27033	20.18	22	0-2
			2	814.7	26697	20.12	22	0-2
				831.5	26865	20.21	22	0-2
				848.3	27033	20.11	22	0-2
			3	814.7	26697	20.26	22	0-2
				831.5	26865	20.45	22	0-2
				848.3	27033	20.22	22	0-2
		6RB		814.7	26697	19.52	21	0-3
				831.5	26865	19.77	21	0-3
				848.3	27033	20.26	21	0-3

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LTE Band 41

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
				2506	39750	23.17	23.5	0					2503.5	39725	22.89	23.5	0
			0	2549.5	40185	23.08	23.5	0				0	2548.3	40173	22.84	23.5	0
				2593	40620	23.22	23.5	0					2593	40620	22.91	23.5	0
				2636.5	41055	23.07	23.5	0					2637.8	41068	22.96	23.5	0
				2680	41490	23.15	23.5	0					2682.5	41515	22.94	23.5	0
				2506	39750	22.70	23.5	0					2503.5	39725	22.48	23.5	0
		1 RB	49	2549.5	40185	22.60	23.5	0					2548.3	40173	22.48	23.5	0
				2593	40620	22.41	23.5	0			1 RB	36	2593	40620	22.35	23.5	0
				2636.5	41055	22.66	23.5	0					2637.8	41068	22.66	23.5	0
				2680	41490	22.57	23.5	0					2682.5	41515	22.51	23.5	0
				2506	39750	22.50	23.5	0					2503.5	39725	22.20	23.5	0
			99	2549.5	40185	22.40	23.5	0					2548.3	40173	22.37	23.5	0
				2593	40620	22.22	23.5	0				74	2593	40620	21.93	23.5	0
				2636.5	41055	22.45	23.5	0					2637.8	41068	22.23	23.5	0
				2680	41490	22.23	23.5	0					2682.5	41515	22.21	23.5	0
				2506	39750	21.80	22.5	0-1					2503.5	39725	21.70	22.5	0-1
				2549.5	40185	21.75	22.5	0-1					2548.3	40173	21.66	22.5	0-1
	QPSK		0	2593	40620	21.83	22.5	0-1		QPSK		0	2593	40620	21.27	22.5	0-1
				2636.5	41055	21.73	22.5	0-1					2637.8	41068	21.56	22.5	0-1
				2680	41490	21.74	22.5	0-1					2682.5	41515	21.67	22.5	0-1
				2506	39750	21.62	22.5	0-1					2503.5	39725	21.61	22.5	0-1
		50 RB	24	2549.5	40185	21.58	22.5	0-1					2548.3	40173	21.47	22.5	0-1
				2593	40620	21.25	22.5	0-1			36 RB	18	2593	40620	21.21	22.5	0-1
				2636.5	41055	21.53	22.5	0-1					2637.8	41068	21.24	22.5	0-1
				2680	41490	21.60	22.5	0-1					2682.5	41515	21.45	22.5	0-1
				2506	39750	21.63	22.5	0-1					2503.5	39725	21.46	22.5	0-1
			50	2549.5	40185	21.58	22.5	0-1					2548.3	40173	21.38	22.5	0-1
				2593	40620	21.63	22.5	0-1				37	2593	40620	21.47	22.5	0-1
				2636.5	41055	21.53	22.5	0-1					2637.8	41068	21.30	22.5	0-1
				2680	41490	21.40	22.5	0-1					2682.5	41515	21.30	22.5	0-1
		100RB		2506	39750	21.67	22.5	0-1			75RB		2503.5	39725	21.47	22.5	0-1
				2549.5	40185	21.62	22.5	0-1					2548.3	40173	21.33	22.5	0-1
				2593	40620	21.68	22.5	0-1					2593	40620	21.45	22.5	0-1
				2636.5	41055	21.59	22.5	0-1					2637.8	41068	21.39	22.5	0-1
				2680	41490	21.42	22.5	0-1					2682.5	41515	21.42	22.5	0-1
				2506	39750	22.33	22.5	0-1					2503.5	39725	22.12	22.5	0-1
				2549.5	40185	22.24	22.5	0-1					2548.3	40173	22.04	22.5	0-1
			0	2593	40620	22.13	22.5	0-1				0	2593	40620	21.89	22.5	0-1
				2636.5	41055	22.27	22.5	0-1					2637.8	41068	22.26	22.5	0-1
				2680	41490	22.33	22.5	0-1					2682.5	41515	22.24	22.5	0-1
				2506	39750	22.00	22.5	0-1					2503.5	39725	22.00	22.5	0-1
		1 RB	49	2549.5	40185	21.99	22.5	0-1					2548.3	40173	21.84	22.5	0-1
				2593	40620	21.79	22.5	0-1			1 RB	36	2593	40620	21.67	22.5	0-1
				2636.5	41055	21.99	22.5	0-1					2637.8	41068	21.82	22.5	0-1
				2680	41490	21.87	22.5	0-1					2682.5	41515	21.59	22.5	0-1
				2506	39750	21.41	22.5	0-1					2503.5	39725	21.31	22.5	0-1
			99	2549.5	40185	21.34	22.5	0-1					2548.3	40173	21.24	22.5	0-1
				2593	40620	21.23	22.5	0-1				74	2593	40620	20.97	22.5	0-1
				2636.5	41055	21.32	22.5	0-1					2637.8	41068	21.06	22.5	0-1
				2680	41490	21.34	22.5	0-1					2682.5	41515	21.22	22.5	0-1
				2506	39750	20.84	21.5	0-2					2503.5	39725	20.58	21.5	0-2
			0	2549.5	40185	20.81	21.5	0-2					2548.3	40173	20.77	21.5	0-2
20	16-QAM			2593	40620	20.68	21.5	0-2	15	16-QAM		0	2593	40620	20.43	21.5	0-2
				2636.5	41055	20.74	21.5	0-2					2637.8	41068	20.53	21.5	0-2
				2680	41490	20.61	21.5	0-2					2682.5	41515	20.33	21.5	0-2
				2506	39750	20.64	21.5	0-2					2503.5	39725	20.54	21.5	0-2
		50 RB	24	2549.5	40185	20.62	21.5	0-2					2548.3	40173	20.38	21.5	0-2
				2593	40620	20.42	21.5	0-2			36 RB	18	2593	40620	20.33	21.5	0-2
				2636.5	41055	20.58	21.5	0-2					2637.8	41068	20.57	21.5	0-2
				2680	41490	20.50	21.5	0-2					2682.5	41515	20.32	21.5	0-2
				2506	39750	20.52	21.5	0-2					2503.5	39725	20.34	21.5	0-2
			50	2549.5	40185	20.50	21.5	0-2					2548.3	40173	20.46	21.5	0-2
				2593	40620	20.47	21.5	0-2				37	2593	40620	20.35	21.5	0-2
				2636.5	41055	20.47	21.5	0-2					2637.8	41068	20.42	21.5	0-2
				2680	41490	20.37	21.5	0-2					2682.5	41515	20.37	21.5	0-2
		100RB		2506	39750	20.75	21.5	0-2			75RB		2503.5	39725	20.48	21.5	0-2
				2549.5	40185	20.67	21.5	0-2					2548.3	40173	20.48	21.5	0-2
				2593	40620	20.45	21.5	0-2					2593	40620	20.34	21.5	0-2
				2636.5	41055	20.72	21.5	0-2					2637.8	41068	20.52	21.5	0-2
				2680	41490	20.66	21.5	0-2					2682.5	41515	20.63	21.5	0-2
				2506	39750	21.50	21.5	0-2					2503.5	39725	21.37	21.5	0-2
			0	2549.5	40185	21.37	21.5	0-2					2548.3	40173	21.36	21.5	0-2
				2593	40620	21.30	21.5	0-2				0	2593	40620	21.06	21.5	0-2
				2636.5	41055	21.32	21.5	0-2					2637.8	41068	21.05	21.5	0-2
				2680	41490	21.16	21.5	0-2					2682.5	41515	21.06	21.5	0-2
				2506	39750	21.40	21.5	0-2					2503.5	39725	21.38	21.5	0-2
		1 RB	49	2549.5	40185	21.31	21.5	0-2					2548.3	40173	21.21	21.5	0-2
				2593	40620	21.15	21.5	0-2			1 RB	36	2593	40620	20.86	21.5	0-2
				2636.5	41055	21.28	21.5	0-2					2637.8	41068	21.15	21.5	0-2
				2680	41490	21.04	21.5	0-2					2682.5	41515	20.89	21.5	0-2
				2506	39750	21.14	21.5	0-2					2503.5	39725	21.02	21.5	0-2
			99	2549.5	40185	21.02	21.5	0-2					2548.3	40173	20.72	21.5	0-2
				2593	40620	21.01	21.5	0-2				74	2593	40620	20.91	21.5	0-2
				2636.5	41055	21.06	21.5	0-2					2637.8	41068	20.81	21.5	0-2
				2680	41490	20.98	21.5	0-2					2682.5	41515	20.76	21.5	0-2
				2506	39750	20.50	20.5	0-3					2503.5	39725	20.42	20.5	0-3
			0	2549.5	40185	20.39	20.5	0-3					2548.3	40173	20.12	20.5	0-3
	64-QAM			2593	40620	20.44	20.5	0-3		64-QAM		0	2593	40620	20.40	20.5	0-3
				2636.5	41055	20.38	20.5	0-3					2637.8	41068	20.32	20.5	0-3
				2680	41490	20.36	20.5	0-3					2682.5	41515	20.25	20.5	0-3
				2506	39750	20.50	20.5	0-3					2503.5	39725	20.47	20.5	0-3
		50 RB	24	2549.5	40185	20.46	20.5	0-3					2548.3	40173	20.26	20.5	0-3
				2593	40620	20.46	20.5	0-3			36 RB	18	2593	40620	20.43	20.5	0-3
				2636.5	41055	20.50	20.5	0-3					2637.8	41068	20.24	20.5	0-3
				2680	41490	20.36	20.5	0-3					2682.5	41515	20.09	20.5	0-3
				2506	39750	20.47	20.5	0-3					2503.5	39725	20.30	20.5	0-3
			50	2549.5	40185	20.39	20.5	0-3					2548.3	40173	20.30	20.5	0-3
				2593	40620	20.33	20.5	0-3				37	2593	40620	20.10	20.5	0-3
				2636.5	41055	20.48	20.5	0-3					2637.8	41068	20.43	20.5	0-3
				2680	41490	20.28	20.5	0-3					2682.5	41515	20.12	20.5	0-3
		100RB		2506	39750	20.35	20.5	0-3			75RB		2503.5	39725	20.12	20.5	0-3
				2549.5	40185	20.29	20.5	0-3					2548.3	40173	20.27	20.5	0-3
				2593	40620	20.25	20.5	0-3					2593	40620	20.05	20.5	0-3
				2636.5	41055	20.23	20.5	0-3					2637.8	41068	20.01	20.5	0-3
				2680	41490	20.20	20.5	0-3					2682.5	41515	20.18	20.5	0-3

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Report No.: T191105W01-SF

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2501	39700	23.02	23.5	0
				2547	40160	23.01	23.5	0
				2593	40620	22.77	23.5	0
				2639	41080	22.80	23.5	0
				2685	41540	22.84	23.5	0
			25	2501	39700	22.40	23.5	0
				2547	40160	22.59	23.5	0
				2593	40620	22.21	23.5	0
				2639	41080	22.52	23.5	0
				2685	41540	22.50	23.5	0
			49	2501	39700	22.34	23.5	0
				2547	40160	22.39	23.5	0
				2593	40620	22.07	23.5	0
				2639	41080	22.43	23.5	0
				2685	41540	21.97	23.5	0
		25 RB	0	2501	39700	21.60	22.5	0-1
				2547	40160	21.60	22.5	0-1
				2593	40620	21.32	22.5	0-1
				2639	41080	21.45	22.5	0-1
				2685	41540	21.48	22.5	0-1
			12	2501	39700	21.60	22.5	0-1
				2547	40160	21.40	22.5	0-1
				2593	40620	20.98	22.5	0-1
				2639	41080	21.25	22.5	0-1
				2685	41540	21.54	22.5	0-1
			25	2501	39700	21.37	22.5	0-1
				2547	40160	21.32	22.5	0-1
				2593	40620	21.44	22.5	0-1
				2639	41080	21.50	22.5	0-1
				2685	41540	21.27	22.5	0-1
		50RB		2501	39700	21.45	22.5	0-1
				2547	40160	21.55	22.5	0-1
				2593	40620	21.36	22.5	0-1
				2639	41080	21.45	22.5	0-1
				2685	41540	21.33	22.5	0-1
	16-QAM	1 RB	0	2501	39700	22.32	22.5	0-1
				2547	40160	21.95	22.5	0-1
				2593	40620	21.88	22.5	0-1
				2639	41080	22.09	22.5	0-1
				2685	41540	22.06	22.5	0-1
			25	2501	39700	21.96	22.5	0-1
				2547	40160	21.97	22.5	0-1
				2593	40620	21.50	22.5	0-1
				2639	41080	21.84	22.5	0-1
				2685	41540	21.68	22.5	0-1
			49	2501	39700	21.12	22.5	0-1
				2547	40160	21.34	22.5	0-1
				2593	40620	20.97	22.5	0-1
				2639	41080	21.32	22.5	0-1
				2685	41540	21.17	22.5	0-1
		25 RB	0	2501	39700	20.78	21.5	0-2
				2547	40160	20.51	21.5	0-2
				2593	40620	20.65	21.5	0-2
				2639	41080	20.74	21.5	0-2
				2685	41540	20.49	21.5	0-2
			12	2501	39700	20.41	21.5	0-2
				2547	40160	20.60	21.5	0-2
				2593	40620	20.39	21.5	0-2
				2639	41080	20.39	21.5	0-2
				2685	41540	20.34	21.5	0-2
			25	2501	39700	20.32	21.5	0-2
				2547	40160	20.27	21.5	0-2
				2593	40620	20.29	21.5	0-2
				2639	41080	20.23	21.5	0-2
				2685	41540	20.26	21.5	0-2
		50RB		2501	39700	20.47	21.5	0-2
				2547	40160	20.50	21.5	0-2
				2593	40620	20.37	21.5	0-2
				2639	41080	20.49	21.5	0-2
				2685	41540	20.62	21.5	0-2
	64-QAM	1 RB	0	2501	39700	21.50	21.5	0-2
				2547	40160	21.35	21.5	0-2
				2593	40620	21.22	21.5	0-2
				2639	41080	21.08	21.5	0-2
				2685	41540	21.16	21.5	0-2
			25	2501	39700	21.36	21.5	0-2
				2547	40160	21.18	21.5	0-2
				2593	40620	21.07	21.5	0-2
				2639	41080	21.22	21.5	0-2
				2685	41540	20.74	21.5	0-2
			49	2501	39700	21.12	21.5	0-2
				2547	40160	20.97	21.5	0-2
				2593	40620	20.81	21.5	0-2
				2639	41080	20.81	21.5	0-2
				2685	41540	20.93	21.5	0-2
		25 RB	0	2501	39700	20.40	20.5	0-3
				2547	40160	20.11	20.5	0-3
				2593	40620	20.33	20.5	0-3
				2639	41080	20.33	20.5	0-3
				2685	41540	20.20	20.5	0-3
			12	2501	39700	20.21	20.5	0-3
				2547	40160	20.35	20.5	0-3
				2593	40620	20.46	20.5	0-3
				2639	41080	20.21	20.5	0-3
				2685	41540	20.26	20.5	0-3
			25	2501	39700	20.20	20.5	0-3
				2547	40160	20.38	20.5	0-3
				2593	40620	20.19	20.5	0-3
				2639	41080	20.28	20.5	0-3
				2685	41540	20.28	20.5	0-3
		50RB		2501	39700	20.10	20.5	0-3
				2547	40160	20.29	20.5	0-3
				2593	40620	20.17	20.5	0-3
				2639	41080	20.15	20.5	0-3
				2685	41540	20.09	20.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2498.5	39675	23.08	23.5	0
				2547.8	40148	22.79	23.5	0
				2593	40620	22.79	23.5	0
				2640.3	41093	22.87	23.5	0
				2687.5	41565	22.87	23.5	0
			12	2498.5	39675	22.48	23.5	0
				2547.8	40148	22.36	23.5	0
				2593	40620	22.20	23.5	0
				2640.3	41093	22.64	23.5	0
				2687.5	41565	22.29	23.5	0
			24	2498.5	39675	22.31	23.5	0
				2547.8	40148	22.13	23.5	0
				2593	40620	22.15	23.5	0
				2640.3	41093	22.20	23.5	0
				2687.5	41565	22.13	23.5	0
		12 RB	0	2498.5	39675	21.52	22.5	0-1
				2547.8	40148	21.50	22.5	0-1
				2593	40620	21.28	22.5	0-1
				2640.3	41093	21.57	22.5	0-1
				2687.5	41565	21.71	22.5	0-1
			6	2498.5	39675	21.43	22.5	0-1
				2547.8	40148	21.45	22.5	0-1
				2593	40620	21.16	22.5	0-1
				2640.3	41093	21.36	22.5	0-1
				2687.5	41565	21.36	22.5	0-1
			13	2498.5	39675	21.62	22.5	0-1
				2547.8	40148	21.49	22.5	0-1
				2593	40620	21.60	22.5	0-1
				2640.3	41093	21.29	22.5	0-1
				2687.5	41565	21.25	22.5	0-1
		25RB		2498.5	39675	21.37	22.5	0-1
				2547.8	40148	21.62	22.5	0-1
				2593	40620	21.28	22.5	0-1
				2640.3	41093	21.45	22.5	0-1
				2687.5	41565	21.26	22.5	0-1
	16-QAM	1 RB	0	2498.5	39675	22.32	22.5	0-1
				2547.8	40148	21.98	22.5	0-1
				2593	40620	21.88	22.5	0-1
				2640.3	41093	21.97	22.5	0-1
				2687.5	41565	22.05	22.5	0-1
			12	2498.5	39675	21.97	22.5	0-1
				2547.8	40148	21.69	22.5	0-1
				2593	40620	21.61	22.5	0-1
				2640.3	41093	21.71	22.5	0-1
				2687.5	41565	21.60	22.5	0-1
			24	2498.5	39675	21.21	22.5	0-1
				2547.8	40148	21.14	22.5	0-1
				2593	40620	21.14	22.5	0-1
				2640.3	41093	21.20	22.5	0-1
				2687.5	41565	21.22	22.5	0-1
		12 RB	0	2498.5	39675	20.73	21.5	0-2
				2547.8	40148	20.79	21.5	0-2
				2593	40620	20.56	21.5	0-2
				2640.3	41093	20.50	21.5	0-2
				2687.5	41565	20.42	21.5	0-2
			6	2498.5	39675	20.60	21.5	0-2
				2547.8	40148	20.55	21.5	0-2
				2593	40620	20.25	21.5	0-2
				2640.3	41093	20.45	21.5	0-2
				2687.5	41565	20.48	21.5	0-2
			13	2498.5	39675	20.47	21.5	0-2
				2547.8	40148	20.21	21.5	0-2
				2593	40620	20.21	21.5	0-2
				2640.3	41093	20.23	21.5	0-2
				2687.5	41565	20.16	21.5	0-2
		25RB		2498.5	39675	20.61	21.5	0-2
				2547.8	40148	20.41	21.5	0-2
				2593	40620	20.23	21.5	0-2
				2640.3	41093	20.42	21.5	0-2
				2687.5	41565	20.65	21.5	0-2
	64-QAM	1 RB	0	2498.5	39675	21.50	21.5	0-2
				2547.8	40148	21.34	21.5	0-2
				2593	40620	21.07	21.5	0-2
				2640.3	41093	21.17	21.5	0-2
				2687.5	41565	21.01	21.5	0-2
			12	2498.5	39675	21.30	21.5	0-2
				2547.8	40148	21.16	21.5	0-2
				2593	40620	21.05	21.5	0-2
				2640.3	41093	21.19	21.5	0-2
				2687.5	41565	20.74	21.5	0-2
			24	2498.5	39675	21.12	21.5	0-2
				2547.8	40148	20.73	21.5	0-2
				2593	40620	20.94	21.5	0-2
				2640.3	41093	20.97	21.5	0-2
				2687.5	41565	20.85	21.5	0-2
		12 RB	0	2498.5	39675	20.33	20.5	0-3
				2547.8	40148	20.12	20.5	0-3
				2593	40620	20.37	20.5	0-3
				2640.3	41093	20.29	20.5	0-3
				2687.5	41565	20.14	20.5	0-3
			6	2498.5	39675	20.49	20.5	0-3
				2547.8	40148	20.39	20.5	0-3
				2593	40620	20.27	20.5	0-3
				2640.3	41093	20.20	20.5	0-3
				2687.5	41565	20.11	20.5	0-3
			13	2498.5	39675	20.18	20.5	0-3
				2547.8	40148	20.28	20.5	0-3
				2593	40620	20.22	20.5	0-3
				2640.3	41093	20.21	20.5	0-3
				2687.5	41565	20.18	20.5	0-3
		25RB		2498.5	39675	20.20	20.5	0-3
				2547.8	40148	20.09	20.5	0-3
				2593	40620	20.10	20.5	0-3
				2640.3	41093	20.01	20.5	0-3
				2687.5	41565	20.04	20.5	0-3

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LTE Band 66

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)	BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	132072	22.71	23	0	15	QPSK	1 RB	0	1717.5	132047	22.54	23	0
				1745	132322	22.68	23	0					1745	132322	22.41	23	0
				1770	132572	22.75	23	0					1772.5	132597	22.64	23	0
			49	1720	132072	22.57	23	0				36	1717.5	132047	22.47	23	0
				1745	132322	22.61	23	0					1745	132322	22.57	23	0
				1770	132572	22.72	23	0					1772.5	132597	22.58	23	0
			99	1720	132072	22.68	23	0				74	1717.5	132047	22.36	23	0
				1745	132322	22.38	23	0					1745	132322	22.13	23	0
				1770	132572	22.47	23	0					1772.5	132597	22.26	23	0
		50 RB	0	1720	132072	21.76	22	0-1			36 RB	0	1717.5	132047	21.67	22	0-1
				1745	132322	21.73	22	0-1					1745	132322	21.60	22	0-1
				1770	132572	21.56	22	0-1					1772.5	132597	21.36	22	0-1
			24	1720	132072	21.51	22	0-1				18	1717.5	132047	21.23	22	0-1
				1745	132322	21.44	22	0-1					1745	132322	21.39	22	0-1
				1770	132572	21.81	22	0-1					1772.5	132597	21.71	22	0-1
			50	1720	132072	21.71	22	0-1				37	1717.5	132047	21.68	22	0-1
				1745	132322	21.44	22	0-1					1745	132322	21.11	22	0-1
				1770	132572	21.46	22	0-1					1772.5	132597	21.28	22	0-1
		100RB		1720	132072	21.53	22	0-1			75RB		1717.5	132047	21.32	22	0-1
				1745	132322	21.61	22	0-1					1745	132322	21.60	22	0-1
				1770	132572	21.67	22	0-1					1772.5	132597	21.33	22	0-1
	16-QAM	1 RB	0	1720	132072	21.80	22	0-1		16-QAM	1 RB	0	1717.5	132047	21.59	22	0-1
				1745	132322	21.53	22	0-1					1745	132322	21.14	22	0-1
				1770	132572	21.61	22	0-1					1772.5	132597	21.43	22	0-1
			49	1720	132072	21.55	22	0-1				36	1717.5	132047	21.48	22	0-1
				1745	132322	21.66	22	0-1					1745	132322	21.39	22	0-1
				1770	132572	21.60	22	0-1					1772.5	132597	21.59	22	0-1
			99	1720	132072	21.61	22	0-1				74	1717.5	132047	21.35	22	0-1
				1745	132322	21.48	22	0-1					1745	132322	21.46	22	0-1
				1770	132572	21.49	22	0-1					1772.5	132597	21.31	22	0-1
		50 RB	0	1720	132072	20.84	21	0-2			36 RB	0	1717.5	132047	20.60	21	0-2
				1745	132322	20.74	21	0-2					1745	132322	20.47	21	0-2
				1770	132572	20.44	21	0-2					1772.5	132597	20.24	21	0-2
			24	1720	132072	20.43	21	0-2				18	1717.5	132047	20.38	21	0-2
				1745	132322	20.45	21	0-2					1745	132322	20.37	21	0-2
				1770	132572	20.75	21	0-2					1772.5	132597	20.64	21	0-2
			50	1720	132072	20.60	21	0-2				37	1717.5	132047	20.44	21	0-2
				1745	132322	20.50	21	0-2					1745	132322	20.23	21	0-2
				1770	132572	20.43	21	0-2					1772.5	132597	20.08	21	0-2
		100RB		1720	132072	20.40	21	0-2			75RB		1717.5	132047	20.29	21	0-2
				1745	132322	20.70	21	0-2					1745	132322	20.65	21	0-2
				1770	132572	20.53	21	0-2					1772.5	132597	20.20	21	0-2
	64-QAM	1 RB	0	1720	132072	21.59	22	0-1		64-QAM	1 RB	0	1717.5	132047	21.49	22	0-1
				1745	132322	21.56	22	0-1					1745	132322	21.35	22	0-1
				1770	132572	21.57	22	0-1					1772.5	132597	21.38	22	0-1
			49	1720	132072	21.55	22	0-1				36	1717.5	132047	21.23	22	0-1
				1745	132322	21.48	22	0-1					1745	132322	21.10	22	0-1
				1770	132572	21.64	22	0-1					1772.5	132597	21.46	22	0-1
			99	1720	132072	21.61	22	0-1				74	1717.5	132047	21.39	22	0-1
				1745	132322	21.42	22	0-1					1745	132322	21.13	22	0-1
				1770	132572	21.44	22	0-1					1772.5	132597	21.19	22	0-1
		50 RB	0	1720	132072	20.77	21	0-2			36 RB	0	1717.5	132047	20.69	21	0-2
				1745	132322	20.69	21	0-2					1745	132322	20.66	21	0-2
				1770	132572	20.57	21	0-2					1772.5	132597	20.22	21	0-2
			24	1720	132072	20.31	21	0-2				18	1717.5	132047	20.06	21	0-2
				1745	132322	20.34	21	0-2					1745	132322	20.15	21	0-2
				1770	132572	20.63	21	0-2					1772.5	132597	20.32	21	0-2
			50	1720	132072	20.57	21	0-2				37	1717.5	132047	20.30	21	0-2
				1745	132322	20.36	21	0-2					1745	132322	20.09	21	0-2
				1770	132572	20.54	21	0-2					1772.5	132597	20.16	21	0-2
		100RB		1720	132072	20.37	21	0-2			75RB		1717.5	132047	20.09	21	0-2
				1745	132322	20.41	21	0-2					1745	132322	20.01	21	0-2
				1770	132572	20.68	21	0-2					1772.5	132597	20.56	21	0-2

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	132022	22.62	23	0
				1745	132322	22.31	23	0
				1775	132622	22.54	23	0
			25	1715	132022	22.41	23	0
				1745	132322	22.52	23	0
				1775	132622	22.65	23	0
			49	1715	132022	22.52	23	0
				1745	132322	21.98	23	0
				1775	132622	22.26	23	0
		25 RB	0	1715	132022	21.49	22	0-1
				1745	132322	21.35	22	0-1
				1775	132622	21.31	22	0-1
			12	1715	132022	21.50	22	0-1
				1745	132322	21.42	22	0-1
				1775	132622	21.54	22	0-1
			25	1715	132022	21.69	22	0-1
				1745	132322	21.04	22	0-1
				1775	132622	21.37	22	0-1
		50RB		1715	132022	21.26	22	0-1
				1745	132322	21.31	22	0-1
				1775	132622	21.32	22	0-1
	16-QAM	1 RB	0	1715	132022	21.69	22	0-1
				1745	132322	21.28	22	0-1
				1775	132622	21.46	22	0-1
			25	1715	132022	21.38	22	0-1
				1745	132322	21.65	22	0-1
				1775	132622	21.26	22	0-1
			49	1715	132022	21.49	22	0-1
				1745	132322	21.15	22	0-1
				1775	132622	21.12	22	0-1
		25 RB	0	1715	132022	20.72	21	0-2
				1745	132322	20.60	21	0-2
				1775	132622	20.21	21	0-2
			12	1715	132022	20.35	21	0-2
				1745	132322	20.37	21	0-2
				1775	132622	20.48	21	0-2
			25	1715	132022	20.28	21	0-2
				1745	132322	20.40	21	0-2
				1775	132622	20.22	21	0-2
		50RB		1715	132022	20.34	21	0-2
				1745	132322	20.41	21	0-2
				1775	132622	20.40	21	0-2
	64-QAM	1 RB	0	1715	132022	21.59	22	0-1
				1745	132322	21.34	22	0-1
				1775	132622	21.56	22	0-1
			25	1715	132022	21.39	22	0-1
				1745	132322	21.18	22	0-1
				1775	132622	21.58	22	0-1
			49	1715	132022	21.26	22	0-1
				1745	132322	21.09	22	0-1
				1775	132622	21.22	22	0-1
		25 RB	0	1715	132022	20.68	21	0-2
				1745	132322	20.53	21	0-2
				1775	132622	20.30	21	0-2
			12	1715	132022	20.27	21	0-2
				1745	132322	20.20	21	0-2
				1775	132622	20.27	21	0-2
			25	1715	132022	20.42	21	0-2
				1745	132322	20.09	21	0-2
				1775	132622	20.50	21	0-2
		50RB		1715	132022	20.30	21	0-2
				1745	132322	20.02	21	0-2
				1775	132622	20.56	21	0-2

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	131997	22.48	23	0
				1745	132322	22.31	23	0
				1777.5	132647	22.68	23	0
			12	1712.5	131997	22.43	23	0
				1745	132322	22.36	23	0
				1777.5	132647	22.39	23	0
			24	1712.5	131997	22.65	23	0
				1745	132322	22.30	23	0
				1777.5	132647	22.34	23	0
		12 RB	0	1712.5	131997	21.71	22	0-1
				1745	132322	21.55	22	0-1
				1777.5	132647	21.35	22	0-1
			6	1712.5	131997	21.16	22	0-1
				1745	132322	21.35	22	0-1
				1777.5	132647	21.77	22	0-1
			13	1712.5	131997	21.60	22	0-1
				1745	132322	21.07	22	0-1
				1777.5	132647	21.42	22	0-1
		25RB		1712.5	131997	21.49	22	0-1
				1745	132322	21.33	22	0-1
				1777.5	132647	21.49	22	0-1
	16-QAM	1 RB	0	1712.5	131997	21.44	22	0-1
				1745	132322	21.45	22	0-1
				1777.5	132647	21.58	22	0-1
			12	1712.5	131997	21.51	22	0-1
				1745	132322	21.38	22	0-1
				1777.5	132647	21.20	22	0-1
			24	1712.5	131997	21.23	22	0-1
				1745	132322	21.29	22	0-1
				1777.5	132647	21.22	22	0-1
		12 RB	0	1712.5	131997	20.73	21	0-2
				1745	132322	20.66	21	0-2
				1777.5	132647	20.34	21	0-2
			6	1712.5	131997	20.37	21	0-2
				1745	132322	20.12	21	0-2
				1777.5	132647	20.38	21	0-2
			13	1712.5	131997	20.36	21	0-2
				1745	132322	20.42	21	0-2
				1777.5	132647	20.40	21	0-2
		25RB		1712.5	131997	20.37	21	0-2
				1745	132322	20.58	21	0-2
				1777.5	132647	20.24	21	0-2
	64-QAM	1 RB	0	1712.5	131997	21.35	22	0-1
				1745	132322	21.32	22	0-1
				1777.5	132647	21.52	22	0-1
			12	1712.5	131997	21.42	22	0-1
				1745	132322	21.32	22	0-1
				1777.5	132647	21.41	22	0-1
			24	1712.5	131997	21.31	22	0-1
				1745	132322	21.31	22	0-1
				1777.5	132647	21.35	22	0-1
		12 RB	0	1712.5	131997	20.52	21	0-2
				1745	132322	20.66	21	0-2
				1777.5	132647	20.25	21	0-2
			6	1712.5	131997	20.28	21	0-2
				1745	132322	19.97	21	0-2
				1777.5	132647	20.53	21	0-2
			13	1712.5	131997	20.44	21	0-2
				1745	132322	20.33	21	0-2
				1777.5	132647	20.50	21	0-2
		25RB		1712.5	131997	20.31	21	0-2
				1745	132322	20.12	21	0-2
				1777.5	132647	20.50	21	0-2

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	131987	22.59	23	0
				1745	132322	22.31	23	0
				1778.5	132657	22.69	23	0
			7	1711.5	131987	22.40	23	0
				1745	132322	22.51	23	0
				1778.5	132657	22.59	23	0
			14	1711.5	131987	22.39	23	0
				1745	132322	22.00	23	0
				1778.5	132657	22.23	23	0
		8 RB	0	1711.5	131987	21.39	22	0-1
				1745	132322	21.59	22	0-1
				1778.5	132657	21.34	22	0-1
			4	1711.5	131987	21.18	22	0-1
				1745	132322	21.30	22	0-1
				1778.5	132657	21.54	22	0-1
			7	1711.5	131987	21.70	22	0-1
				1745	132322	21.44	22	0-1
				1778.5	132657	21.36	22	0-1
		15RB		1711.5	131987	21.53	22	0-1
				1745	132322	21.38	22	0-1
				1778.5	132657	21.57	22	0-1
	16-QAM	1 RB	0	1711.5	131987	21.47	22	0-1
				1745	132322	21.32	22	0-1
				1778.5	132657	21.48	22	0-1
			7	1711.5	131987	21.34	22	0-1
				1745	132322	21.46	22	0-1
				1778.5	132657	21.59	22	0-1
			14	1711.5	131987	21.40	22	0-1
				1745	132322	21.29	22	0-1
				1778.5	132657	21.18	22	0-1
		8 RB	0	1711.5	131987	20.46	21	0-2
				1745	132322	20.64	21	0-2
				1778.5	132657	20.07	21	0-2
			4	1711.5	131987	20.04	21	0-2
				1745	132322	20.25	21	0-2
				1778.5	132657	20.65	21	0-2
			7	1711.5	131987	20.44	21	0-2
				1745	132322	20.27	21	0-2
				1778.5	132657	20.19	21	0-2
		15RB		1711.5	131987	20.39	21	0-2
				1745	132322	20.33	21	0-2
				1778.5	132657	20.15	21	0-2
	64-QAM	1 RB	0	1711.5	131987	21.47	22	0-1
				1745	132322	21.23	22	0-1
				1778.5	132657	21.23	22	0-1
			7	1711.5	131987	21.48	22	0-1
				1745	132322	21.35	22	0-1
				1778.5	132657	21.30	22	0-1
			14	1711.5	131987	21.52	22	0-1
				1745	132322	21.10	22	0-1
				1778.5	132657	21.06	22	0-1
		8 RB	0	1711.5	131987	20.52	21	0-2
				1745	132322	20.30	21	0-2
				1778.5	132657	20.47	21	0-2
			4	1711.5	131987	20.27	21	0-2
				1745	132322	19.99	21	0-2
				1778.5	132657	20.50	21	0-2
			7	1711.5	131987	20.40	21	0-2
				1745	132322	20.21	21	0-2
				1778.5	132657	20.43	21	0-2
		15RB		1711.5	131987	20.08	21	0-2
				1745	132322	20.40	21	0-2
				1778.5	132657	20.57	21	0-2

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	131979	22.35	23	0
				1745	132322	22.55	23	0
				1779.3	132665	22.60	23	0
			2	1710.7	131979	22.29	23	0
				1745	132322	22.50	23	0
				1779.3	132665	22.59	23	0
			5	1710.7	131979	22.49	23	0
				1745	132322	22.21	23	0
				1779.3	132665	22.29	23	0
		3 RB	0	1710.7	131979	21.67	22	0-1
				1745	132322	21.59	22	0-1
				1779.3	132665	21.19	22	0-1
			2	1710.7	131979	21.19	22	0-1
				1745	132322	21.11	22	0-1
				1779.3	132665	21.76	22	0-1
			3	1710.7	131979	21.35	22	0-1
				1745	132322	21.35	22	0-1
				1779.3	132665	21.10	22	0-1
		6RB		1710.7	131979	21.29	22	0-1
				1745	132322	21.53	22	0-1
				1779.3	132665	21.31	22	0-1
	16-QAM	1 RB	0	1710.7	131979	21.50	22	0-1
				1745	132322	21.19	22	0-1
				1779.3	132665	21.30	22	0-1
			2	1710.7	131979	21.44	22	0-1
				1745	132322	21.26	22	0-1
				1779.3	132665	21.57	22	0-1
			5	1710.7	131979	21.22	22	0-1
				1745	132322	21.35	22	0-1
				1779.3	132665	21.31	22	0-1
		3 RB	0	1710.7	131979	20.74	21	0-2
				1745	132322	20.62	21	0-2
				1779.3	132665	20.06	21	0-2
			2	1710.7	131979	20.12	21	0-2
				1745	132322	20.19	21	0-2
				1779.3	132665	20.73	21	0-2
			3	1710.7	131979	20.60	21	0-2
				1745	132322	20.32	21	0-2
				1779.3	132665	20.23	21	0-2
		6RB		1710.7	131979	20.30	21	0-2
				1745	132322	20.30	21	0-2
				1779.3	132665	20.46	21	0-2
	64-QAM	1 RB	0	1710.7	131979	21.58	22	0-1
				1745	132322	21.46	22	0-1
				1779.3	132665	21.51	22	0-1
			2	1710.7	131979	21.31	22	0-1
				1745	132322	21.08	22	0-1
				1779.3	132665	21.47	22	0-1
			5	1710.7	131979	21.38	22	0-1
				1745	132322	21.03	22	0-1
				1779.3	132665	21.27	22	0-1
		3 RB	0	1710.7	131979	20.70	21	0-2
				1745	132322	20.35	21	0-2
				1779.3	132665	20.19	21	0-2
			2	1710.7	131979	20.30	21	0-2
				1745	132322	20.30	21	0-2
				1779.3	132665	20.29	21	0-2
			3	1710.7	131979	20.29	21	0-2
				1745	132322	20.22	21	0-2
				1779.3	132665	20.23	21	0-2
		6RB		1710.7	131979	20.01	21	0-2
				1745	132322	20.29	21	0-2
				1779.3	132665	20.45	21	0-2

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LTE Band 71

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	673	133222	22.96	23	0
				683	133322	22.71	23	0
				688	133372	22.61	23	0
			49	673	133222	22.52	23	0
				683	133322	22.58	23	0
				688	133372	22.51	23	0
			99	673	133222	22.66	23	0
				683	133322	22.51	23	0
				688	133372	22.53	23	0
		50 RB	0	673	133222	21.89	22	0-1
				683	133322	21.58	22	0-1
				688	133372	21.5	22	0-1
			24	673	133222	21.46	22	0-1
				683	133322	21.38	22	0-1
				688	133372	21.47	22	0-1
			50	673	133222	21.51	22	0-1
				683	133322	21.32	22	0-1
				688	133372	21.53	22	0-1
		100RB		673	133222	21.77	22	0-1
				683	133322	21.68	22	0-1
				688	133372	21.47	22	0-1
	16-QAM	1 RB	0	673	133222	21.94	22	0-1
				683	133322	21.68	22	0-1
				688	133372	21.59	22	0-1
			49	673	133222	21.5	22	0-1
				683	133322	21.55	22	0-1
				688	133372	21.41	22	0-1
			99	673	133222	21.61	22	0-1
				683	133322	21.43	22	0-1
				688	133372	21.44	22	0-1
		50 RB	0	673	133222	20.81	21	0-2
				683	133322	20.57	21	0-2
				688	133372	20.49	21	0-2
			24	673	133222	20.39	21	0-2
				683	133322	20.28	21	0-2
				688	133372	20.41	21	0-2
			50	673	133222	20.44	21	0-2
				683	133322	20.24	21	0-2
				688	133372	20.43	21	0-2
		100RB		673	133222	20.73	21	0-2
				683	133322	20.59	21	0-2
				688	133372	20.37	21	0-2
	64-QAM	1 RB	0	673	133222	20.96	21	0-2
				683	133322	20.65	21	0-2
				688	133372	20.54	21	0-2
			49	673	133222	20.42	21	0-2
				683	133322	20.56	21	0-2
				688	133372	20.44	21	0-2
			99	673	133222	20.63	21	0-2
				683	133322	20.46	21	0-2
				688	133372	20.43	21	0-2
		50 RB	0	673	133222	19.86	20	0-3
				683	133322	19.58	20	0-3
				688	133372	19.49	20	0-3
			24	673	133222	19.39	20	0-3
				683	133322	19.31	20	0-3
				688	133372	19.37	20	0-3
			50	673	133222	19.51	20	0-3
				683	133322	19.25	20	0-3
				688	133372	19.48	20	0-3
		100RB		673	133222	19.69	20	0-3
				683	133322	19.58	20	0-3
				688	133372	19.38	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	670.5	133197	22.82	23	0
				680.5	133297	22.46	23	0
				690.5	133397	22.29	23	0
			37	670.5	133197	22.47	23	0
				680.5	133297	22.25	23	0
				690.5	133397	22.35	23	0
			74	670.5	133197	22.66	23	0
				680.5	133297	22.14	23	0
				690.5	133397	22.19	23	0
		12 RB	0	670.5	133197	21.5	22	0-1
				680.5	133297	21.58	22	0-1
				690.5	133397	21.44	22	0-1
			20	670.5	133197	21.38	22	0-1
				680.5	133297	21.25	22	0-1
				690.5	133397	21.08	22	0-1
			39	670.5	133197	21.31	22	0-1
				680.5	133297	21.27	22	0-1
				690.5	133397	21.47	22	0-1
		75RB		670.5	133197	21.67	22	0-1
				680.5	133297	21.54	22	0-1
				690.5	133397	21.32	22	0-1
	16-QAM	1 RB	0	670.5	133197	21.87	22	0-1
				680.5	133297	21.56	22	0-1
				690.5	133397	21.21	22	0-1
			37	670.5	133197	21.4	22	0-1
				680.5	133297	21.17	22	0-1
				690.5	133397	21.39	22	0-1
			74	670.5	133197	21.52	22	0-1
				680.5	133297	21.16	22	0-1
				690.5	133397	21.3	22	0-1
		12 RB	0	670.5	133197	20.49	21	0-2
				680.5	133297	20.3	21	0-2
				690.5	133397	20.33	21	0-2
			20	670.5	133197	20.3	21	0-2
				680.5	133297	20.18	21	0-2
				690.5	133397	20.08	21	0-2
			39	670.5	133197	20.18	21	0-2
				680.5	133297	20.01	21	0-2
				690.5	133397	20.14	21	0-2
		75RB		670.5	133197	20.68	21	0-2
				680.5	133297	20.28	21	0-2
				690.5	133397	20.34	21	0-2
	64-QAM	1 RB	0	670.5	133197	20.94	21	0-2
				680.5	133297	20.55	21	0-2
				690.5	133397	20.51	21	0-2
			37	670.5	133197	20.25	21	0-2
				680.5	133297	20.34	21	0-2
				690.5	133397	20.35	21	0-2
			74	670.5	133197	20.59	21	0-2
				680.5	133297	20.26	21	0-2
				690.5	133397	20.13	21	0-2
		12 RB	0	670.5	133197	19.67	20	0-3
				680.5	133297	19.21	20	0-3
				690.5	133397	19.33	20	0-3
			20	670.5	133197	19.33	20	0-3
				680.5	133297	19.23	20	0-3
				690.5	133397	19.06	20	0-3
			39	670.5	133197	19.39	20	0-3
				680.5	133297	19.12	20	0-3
				690.5	133397	19.42	20	0-3
		75RB		670.5	133197	19.56	20	0-3
				680.5	133297	19.28	20	0-3
				690.5	133397	19.19	20	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	668	133172	22.8	23	0
				678	133272	22.44	23	0
				693	133422	22.44	23	0
			25	668	133172	22.28	23	0
				678	133272	22.3	23	0
				693	133422	22.39	23	0
			49	668	133172	22.63	23	0
				678	133272	22.4	23	0
				693	133422	22.13	23	0
		25 RB	0	668	133172	21.49	22	0-1
				678	133272	21.25	22	0-1
				693	133422	21.37	22	0-1
			12	668	133172	21.38	22	0-1
				678	133272	20.99	22	0-1
				693	133422	21.47	22	0-1
			25	668	133172	21.2	22	0-1
				678	133272	21.18	22	0-1
				693	133422	21.44	22	0-1
		50RB		668	133172	21.59	22	0-1
				678	133272	21.47	22	0-1
				693	133422	21.42	22	0-1
	16-QAM	1 RB	0	668	133172	21.93	22	0-1
				678	133272	21.49	22	0-1
				693	133422	21.35	22	0-1
			25	668	133172	21.28	22	0-1
				678	133272	21.55	22	0-1
				693	133422	21.25	22	0-1
			49	668	133172	21.47	22	0-1
				678	133272	21.35	22	0-1
				693	133422	21.33	22	0-1
		25 RB	0	668	133172	20.81	21	0-2
				678	133272	20.55	21	0-2
				693	133422	20.09	21	0-2
			12	668	133172	20.39	21	0-2
				678	133272	20.1	21	0-2
				693	133422	20.03	21	0-2
			25	668	133172	20.31	21	0-2
				678	133272	20.07	21	0-2
				693	133422	20.38	21	0-2
		50RB		668	133172	20.69	21	0-2
				678	133272	20.35	21	0-2
				693	133422	20.17	21	0-2
	64-QAM	1 RB	0	668	133172	20.77	21	0-2
				678	133272	20.51	21	0-2
				693	133422	20.21	21	0-2
			25	668	133172	20.4	21	0-2
				678	133272	20.2	21	0-2
				693	133422	20.17	21	0-2
			49	668	133172	20.37	21	0-2
				678	133272	20.22	21	0-2
				693	133422	20.24	21	0-2
		25 RB	0	668	133172	19.68	20	0-3
				678	133272	19.36	20	0-3
				693	133422	19.29	20	0-3
			12	668	133172	19.28	20	0-3
				678	133272	19.17	20	0-3
				693	133422	19.12	20	0-3
			25	668	133172	19.33	20	0-3
				678	133272	19.01	20	0-3
				693	133422	19.2	20	0-3
		50RB		668	133172	19.33	20	0-3
				678	133272	19.47	20	0-3
				693	133422	19.15	20	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	665.5	133147	22.68	23	0
				675.5	133247	22.54	23	0
				695.5	133447	22.48	23	0
			12	665.5	133147	22.43	23	0
				675.5	133247	22.31	23	0
				695.5	133447	22.48	23	0
			24	665.5	133147	22.54	23	0
				675.5	133247	22.30	23	0
				695.5	133447	22.31	23	0
		12 RB	0	665.5	133147	21.60	22	0-1
				675.5	133247	21.41	22	0-1
				695.5	133447	21.25	22	0-1
			7	665.5	133147	21.25	22	0-1
				675.5	133247	21.03	22	0-1
				695.5	133447	21.47	22	0-1
			13	665.5	133147	21.40	22	0-1
				675.5	133247	20.96	22	0-1
				695.5	133447	21.26	22	0-1
		25RB		665.5	133147	21.44	22	0-1
				675.5	133247	21.43	22	0-1
				695.5	133447	21.11	22	0-1
	16-QAM	1 RB	0	665.5	133147	21.72	22	0-1
				675.5	133247	21.46	22	0-1
				695.5	133447	21.34	22	0-1
			12	665.5	133147	21.50	22	0-1
				675.5	133247	21.46	22	0-1
				695.5	133447	21.39	22	0-1
			24	665.5	133147	21.32	22	0-1
				675.5	133247	21.34	22	0-1
				695.5	133447	21.34	22	0-1
		12 RB	0	665.5	133147	20.56	21	0-1
				675.5	133247	20.28	21	0-1
				695.5	133447	20.20	21	0-1
			7	665.5	133147	20.27	21	0-1
				675.5	133247	20.08	21	0-1
				695.5	133447	20.36	21	0-1
			13	665.5	133147	20.40	21	0-1
				675.5	133247	20.10	21	0-1
				695.5	133447	20.09	21	0-1
		25RB		665.5	133147	20.43	21	0-2
				675.5	133247	20.28	21	0-2
				695.5	133447	20.09	21	0-2
	64-QAM	1 RB	0	665.5	133147	20.78	21	0-2
				675.5	133247	20.60	21	0-2
				695.5	133447	20.46	21	0-2
			12	665.5	133147	20.03	21	0-2
				675.5	133247	20.34	21	0-2
				695.5	133447	20.31	21	0-2
			24	665.5	133147	20.48	21	0-2
				675.5	133247	20.29	21	0-2
				695.5	133447	20.30	21	0-2
		12 RB	0	665.5	133147	19.50	21	0-2
				675.5	133247	19.22	21	0-2
				695.5	133447	19.23	21	0-2
			7	665.5	133147	19.15	21	0-2
				675.5	133247	19.21	21	0-2
				695.5	133447	19.32	21	0-2
			13	665.5	133147	19.23	21	0-2
				675.5	133247	19.22	21	0-2
				695.5	133447	19.30	21	0-2
		25RB		665.5	133147	19.58	20	0-3
				675.5	133247	19.39	20	0-3
				695.5	133447	19.11	20	0-3

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Report No.: T191105W01-SF

Reduced Output Power table

LTE Band 2

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	18700	18.07	18.5	0
				1880	18900	18.26	18.5	0
				1900	19100	18.31	18.5	0
			49	1860	18700	17.26	18.5	0
				1880	18900	17.1	18.5	0
				1900	19100	17.24	18.5	0
			99	1860	18700	17.36	18.5	0
				1880	18900	17.68	18.5	0
				1900	19100	18.24	18.5	0
		50 RB	0	1860	18700	17.22	17.5	0-1
				1880	18900	16.43	17.5	0-1
				1900	19100	17.49	17.5	0-1
			24	1860	18700	16.08	17.5	0-1
				1880	18900	16.3	17.5	0-1
				1900	19100	17.04	17.5	0-1
			50	1860	18700	17.48	17.5	0-1
				1880	18900	17.24	17.5	0-1
				1900	19100	16.21	17.5	0-1
		100RB		1860	18700	16.07	17.5	0-1
				1880	18900	16.15	17.5	0-1
				1900	19100	16.84	17.5	0-1
	16-QAM	1 RB	0	1860	18700	16.72	17.5	0-1
				1880	18900	17	17.5	0-1
				1900	19100	17.43	17.5	0-1
			49	1860	18700	17.16	17.5	0-1
				1880	18900	16.86	17.5	0-1
				1900	19100	17.04	17.5	0-1
			99	1860	18700	17.1	17.5	0-1
				1880	18900	17.11	17.5	0-1
				1900	19100	17.09	17.5	0-1
		50 RB	0	1860	18700	16.04	16.5	0-2
				1880	18900	16.1	16.5	0-2
				1900	19100	15.95	16.5	0-2
			24	1860	18700	16.07	16.5	0-2
				1880	18900	16.05	16.5	0-2
				1900	19100	16.21	16.5	0-2
			50	1860	18700	15.65	16.5	0-2
				1880	18900	15.36	16.5	0-2
				1900	19100	16.05	16.5	0-2
		100RB		1860	18700	15.92	16.5	0-2
				1880	18900	16.11	16.5	0-2
				1900	19100	16.08	16.5	0-2
	64-QAM	1 RB	0	1860	18700	16.42	16.5	0-2
				1880	18900	16.02	16.5	0-2
				1900	19100	15.59	16.5	0-2
			49	1860	18700	15.22	16.5	0-2
				1880	18900	15.11	16.5	0-2
				1900	19100	15.1	16.5	0-2
			99	1860	18700	15.29	16.5	0-2
				1880	18900	15.71	16.5	0-2
				1900	19100	15.25	16.5	0-2
		50 RB	0	1860	18700	14.68	15.5	0-3
				1880	18900	14.11	15.5	0-3
				1900	19100	14.14	15.5	0-3
			24	1860	18700	14.13	15.5	0-3
				1880	18900	14.21	15.5	0-3
				1900	19100	14.57	15.5	0-3
			50	1860	18700	15.14	15.5	0-3
				1880	18900	14.72	15.5	0-3
				1900	19100	14.09	15.5	0-3
		100RB		1860	18700	14.12	15.5	0-3
				1880	18900	14.08	15.5	0-3
				1900	19100	14.16	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	18675	18.04	18.5	0
				1880	18900	18.10	18.5	0
				1902.5	19125	18.24	18.5	0
			36	1857.5	18675	17.24	18.5	0
				1880	18900	17.02	18.5	0
				1902.5	19125	17.23	18.5	0
			74	1857.5	18675	17.25	18.5	0
				1880	18900	17.58	18.5	0
				1902.5	19125	18.06	18.5	0
		36 RB	0	1857.5	18675	17.11	17.5	0-1
				1880	18900	16.42	17.5	0-1
				1902.5	19125	17.35	17.5	0-1
			18	1857.5	18675	15.93	17.5	0-1
				1880	18900	16.13	17.5	0-1
				1902.5	19125	17.00	17.5	0-1
			37	1857.5	18675	17.47	17.5	0-1
				1880	18900	17.04	17.5	0-1
				1902.5	19125	16.14	17.5	0-1
		75RB		1857.5	18675	15.96	17.5	0-1
				1880	18900	16.04	17.5	0-1
				1902.5	19125	16.72	17.5	0-1
	16-QAM	1 RB	0	1857.5	18675	16.61	17.5	0-1
				1880	18900	16.84	17.5	0-1
				1902.5	19125	17.40	17.5	0-1
			36	1857.5	18675	17.16	17.5	0-1
				1880	18900	16.80	17.5	0-1
				1902.5	19125	17.03	17.5	0-1
			74	1857.5	18675	17.08	17.5	0-1
				1880	18900	17.04	17.5	0-1
				1902.5	19125	16.92	17.5	0-1
		36 RB	0	1857.5	18675	15.98	16.5	0-2
				1880	18900	15.97	16.5	0-2
				1902.5	19125	15.91	16.5	0-2
			18	1857.5	18675	15.92	16.5	0-2
				1880	18900	15.99	16.5	0-2
				1902.5	19125	16.15	16.5	0-2
			37	1857.5	18675	15.51	16.5	0-2
				1880	18900	15.23	16.5	0-2
				1902.5	19125	15.91	16.5	0-2
		75RB		1857.5	18675	15.73	16.5	0-2
				1880	18900	15.92	16.5	0-2
				1902.5	19125	15.88	16.5	0-2
	64-QAM	1 RB	0	1857.5	18675	16.23	16.5	0-2
				1880	18900	15.92	16.5	0-2
				1902.5	19125	15.59	16.5	0-2
			36	1857.5	18675	15.14	16.5	0-2
				1880	18900	14.99	16.5	0-2
				1902.5	19125	14.93	16.5	0-2
			74	1857.5	18675	15.14	16.5	0-2
				1880	18900	15.69	16.5	0-2
				1902.5	19125	15.08	16.5	0-2
		36 RB	0	1857.5	18675	14.59	15.5	0-3
				1880	18900	14.01	15.5	0-3
				1902.5	19125	14.11	15.5	0-3
			18	1857.5	18675	14.09	15.5	0-3
				1880	18900	14.19	15.5	0-3
				1902.5	19125	14.38	15.5	0-3
			37	1857.5	18675	15.05	15.5	0-3
				1880	18900	14.59	15.5	0-3
				1902.5	19125	14.00	15.5	0-3
		75RB		1857.5	18675	13.93	15.5	0-3
				1880	18900	13.98	15.5	0-3
				1902.5	19125	14.14	15.5	0-3

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Report No.: T191105W01-SF

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	18650	17.87	18.5	0
				1880	18900	18.26	18.5	0
				1905	19150	18.20	18.5	0
			25	1855	18650	17.14	18.5	0
				1880	18900	17.03	18.5	0
				1905	19150	17.13	18.5	0
			49	1855	18650	17.24	18.5	0
				1880	18900	17.48	18.5	0
				1905	19150	18.16	18.5	0
		25 RB	0	1855	18650	17.20	17.5	0-1
				1880	18900	16.23	17.5	0-1
				1905	19150	17.33	17.5	0-1
			12	1855	18650	15.93	17.5	0-1
				1880	18900	16.18	17.5	0-1
				1905	19150	16.98	17.5	0-1
			25	1855	18650	17.38	17.5	0-1
				1880	18900	17.14	17.5	0-1
				1905	19150	16.02	17.5	0-1
		50RB		1855	18650	15.93	17.5	0-1
				1880	18900	16.09	17.5	0-1
				1905	19150	16.75	17.5	0-1
	16-QAM	1 RB	0	1855	18650	16.58	17.5	0-1
				1880	18900	16.93	17.5	0-1
				1905	19150	17.32	17.5	0-1
			25	1855	18650	17.00	17.5	0-1
				1880	18900	16.73	17.5	0-1
				1905	19150	16.88	17.5	0-1
			49	1855	18650	17.03	17.5	0-1
				1880	18900	16.91	17.5	0-1
				1905	19150	17.02	17.5	0-1
		25 RB	0	1855	18650	15.89	16.5	0-2
				1880	18900	16.10	16.5	0-2
				1905	19150	15.93	16.5	0-2
			12	1855	18650	15.92	16.5	0-2
				1880	18900	15.91	16.5	0-2
				1905	19150	16.08	16.5	0-2
			25	1855	18650	15.62	16.5	0-2
				1880	18900	15.32	16.5	0-2
				1905	19150	15.98	16.5	0-2
		50RB		1855	18650	15.74	16.5	0-2
				1880	18900	15.95	16.5	0-2
				1905	19150	15.94	16.5	0-2
	64-QAM	1 RB	0	1855	18650	16.27	16.5	0-2
				1880	18900	15.83	16.5	0-2
				1905	19150	15.45	16.5	0-2
			25	1855	18650	15.13	16.5	0-2
				1880	18900	15.03	16.5	0-2
				1905	19150	15.05	16.5	0-2
			49	1855	18650	15.24	16.5	0-2
				1880	18900	15.55	16.5	0-2
				1905	19150	15.07	16.5	0-2
		25 RB	0	1855	18650	14.59	15.5	0-3
				1880	18900	13.95	15.5	0-3
				1905	19150	14.09	15.5	0-3
			12	1855	18650	14.04	15.5	0-3
				1880	18900	14.03	15.5	0-3
				1905	19150	14.45	15.5	0-3
			25	1855	18650	15.02	15.5	0-3
				1880	18900	14.72	15.5	0-3
				1905	19150	14.01	15.5	0-3
		50RB		1855	18650	13.98	15.5	0-3
				1880	18900	14.03	15.5	0-3
				1905	19150	14.13	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	18625	17.91	18.5	0
				1880	18900	18.24	18.5	0
				1907.5	19175	18.21	18.5	0
			12	1852.5	18625	17.13	18.5	0
				1880	18900	16.90	18.5	0
				1907.5	19175	17.07	18.5	0
			24	1852.5	18625	17.34	18.5	0
				1880	18900	17.66	18.5	0
				1907.5	19175	18.17	18.5	0
		12 RB	0	1852.5	18625	17.17	17.5	0-1
				1880	18900	16.39	17.5	0-1
				1907.5	19175	17.34	17.5	0-1
			6	1852.5	18625	16.08	17.5	0-1
				1880	18900	16.10	17.5	0-1
				1907.5	19175	16.92	17.5	0-1
			13	1852.5	18625	17.44	17.5	0-1
				1880	18900	17.23	17.5	0-1
				1907.5	19175	16.17	17.5	0-1
		25RB		1852.5	18625	15.98	17.5	0-1
				1880	18900	16.13	17.5	0-1
				1907.5	19175	16.70	17.5	0-1
	16-QAM	1 RB	0	1852.5	18625	16.68	17.5	0-1
				1880	18900	16.81	17.5	0-1
				1907.5	19175	17.23	17.5	0-1
			12	1852.5	18625	17.01	17.5	0-1
				1880	18900	16.69	17.5	0-1
				1907.5	19175	16.91	17.5	0-1
			24	1852.5	18625	17.05	17.5	0-1
				1880	18900	16.93	17.5	0-1
				1907.5	19175	17.06	17.5	0-1
		12 RB	0	1852.5	18625	15.86	16.5	0-2
				1880	18900	16.10	16.5	0-2
				1907.5	19175	15.92	16.5	0-2
			6	1852.5	18625	15.87	16.5	0-2
				1880	18900	15.99	16.5	0-2
				1907.5	19175	16.05	16.5	0-2
			13	1852.5	18625	15.63	16.5	0-2
				1880	18900	15.29	16.5	0-2
				1907.5	19175	15.87	16.5	0-2
		25RB		1852.5	18625	15.91	16.5	0-2
				1880	18900	16.04	16.5	0-2
				1907.5	19175	15.98	16.5	0-2
	64-QAM	1 RB	0	1852.5	18625	16.23	16.5	0-2
				1880	18900	15.94	16.5	0-2
				1907.5	19175	15.51	16.5	0-2
			12	1852.5	18625	15.22	16.5	0-2
				1880	18900	15.05	16.5	0-2
				1907.5	19175	14.97	16.5	0-2
			24	1852.5	18625	15.09	16.5	0-2
				1880	18900	15.62	16.5	0-2
				1907.5	19175	15.14	16.5	0-2
		12 RB	0	1852.5	18625	14.54	15.5	0-3
				1880	18900	13.92	15.5	0-3
				1907.5	19175	14.14	15.5	0-3
			6	1852.5	18625	13.93	15.5	0-3
				1880	18900	14.03	15.5	0-3
				1907.5	19175	14.40	15.5	0-3
			13	1852.5	18625	15.02	15.5	0-3
				1880	18900	14.54	15.5	0-3
				1907.5	19175	13.96	15.5	0-3
		25RB		1852.5	18625	13.97	15.5	0-3
				1880	18900	14.02	15.5	0-3
				1907.5	19175	14.12	15.5	0-3

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Report No.: T191105W01-SF

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	18615	17.99	18.5	0
				1880	18900	18.09	18.5	0
				1908.5	19185	18.24	18.5	0
			7	1851.5	18615	17.09	18.5	0
				1880	18900	17.09	18.5	0
				1908.5	19185	17.22	18.5	0
			14	1851.5	18615	17.28	18.5	0
				1880	18900	17.51	18.5	0
				1908.5	19185	18.24	18.5	0
		8 RB	0	1851.5	18615	17.16	17.5	0-1
				1880	18900	16.32	17.5	0-1
				1908.5	19185	17.35	17.5	0-1
			4	1851.5	18615	15.93	17.5	0-1
				1880	18900	16.21	17.5	0-1
				1908.5	19185	16.98	17.5	0-1
			7	1851.5	18615	17.44	17.5	0-1
				1880	18900	17.09	17.5	0-1
				1908.5	19185	16.02	17.5	0-1
		15RB		1851.5	18615	15.87	17.5	0-1
				1880	18900	16.03	17.5	0-1
				1908.5	19185	16.77	17.5	0-1
	16-QAM	1 RB	0	1851.5	18615	16.63	17.5	0-1
				1880	18900	16.84	17.5	0-1
				1908.5	19185	17.37	17.5	0-1
			7	1851.5	18615	17.11	17.5	0-1
				1880	18900	16.75	17.5	0-1
				1908.5	19185	17.03	17.5	0-1
			14	1851.5	18615	17.01	17.5	0-1
				1880	18900	16.96	17.5	0-1
				1908.5	19185	16.91	17.5	0-1
		8 RB	0	1851.5	18615	16.02	16.5	0-2
				1880	18900	16.02	16.5	0-2
				1908.5	19185	15.75	16.5	0-2
			4	1851.5	18615	15.88	16.5	0-2
				1880	18900	15.89	16.5	0-2
				1908.5	19185	16.02	16.5	0-2
			7	1851.5	18615	15.46	16.5	0-2
				1880	18900	15.22	16.5	0-2
				1908.5	19185	15.86	16.5	0-2
		15RB		1851.5	18615	15.77	16.5	0-2
				1880	18900	15.93	16.5	0-2
				1908.5	19185	15.99	16.5	0-2
	64-QAM	1 RB	0	1851.5	18615	16.32	16.5	0-2
				1880	18900	15.96	16.5	0-2
				1908.5	19185	15.49	16.5	0-2
			7	1851.5	18615	15.06	16.5	0-2
				1880	18900	15.06	16.5	0-2
				1908.5	19185	14.90	16.5	0-2
			14	1851.5	18615	15.25	16.5	0-2
				1880	18900	15.69	16.5	0-2
				1908.5	19185	15.07	16.5	0-2
		8 RB	0	1851.5	18615	14.50	15.5	0-3
				1880	18900	14.03	15.5	0-3
				1908.5	19185	14.00	15.5	0-3
			4	1851.5	18615	13.98	15.5	0-3
				1880	18900	14.19	15.5	0-3
				1908.5	19185	14.44	15.5	0-3
			7	1851.5	18615	15.04	15.5	0-3
				1880	18900	14.60	15.5	0-3
				1908.5	19185	14.05	15.5	0-3
		15RB		1851.5	18615	14.03	15.5	0-3
				1880	18900	13.96	15.5	0-3
				1908.5	19185	13.99	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	18607	18.04	18.5	0
				1880	18900	18.13	18.5	0
				1909.3	19193	18.18	18.5	0
			2	1850.7	18607	17.21	18.5	0
				1880	18900	17.06	18.5	0
				1909.3	19193	17.21	18.5	0
			5	1850.7	18607	17.22	18.5	0
				1880	18900	17.54	18.5	0
				1909.3	19193	18.23	18.5	0
		3 RB	0	1850.7	18607	17.09	17.5	0-1
				1880	18900	16.33	17.5	0-1
				1909.3	19193	17.46	17.5	0-1
			2	1850.7	18607	15.89	17.5	0-1
				1880	18900	16.13	17.5	0-1
				1909.3	19193	17.01	17.5	0-1
			3	1850.7	18607	17.39	17.5	0-1
				1880	18900	17.15	17.5	0-1
				1909.3	19193	16.17	17.5	0-1
		6RB		1850.7	18607	16.00	17.5	0-1
				1880	18900	16.07	17.5	0-1
				1909.3	19193	16.74	17.5	0-1
	16-QAM	1 RB	0	1850.7	18607	16.68	17.5	0-1
				1880	18900	16.85	17.5	0-1
				1909.3	19193	17.40	17.5	0-1
			2	1850.7	18607	17.11	17.5	0-1
				1880	18900	16.71	17.5	0-1
				1909.3	19193	17.00	17.5	0-1
			5	1850.7	18607	17.05	17.5	0-1
				1880	18900	17.09	17.5	0-1
				1909.3	19193	17.09	17.5	0-1
		3 RB	0	1850.7	18607	15.94	17.5	0-1
				1880	18900	16.09	17.5	0-1
				1909.3	19193	15.82	17.5	0-1
			2	1850.7	18607	15.87	17.5	0-1
				1880	18900	15.99	17.5	0-1
				1909.3	19193	16.08	18	0-1
			3	1850.7	18607	15.61	17.5	0-1
				1880	18900	15.66	17.5	0-1
				1909.3	19193	16.01	17.5	0-1
		6RB		1850.7	18607	15.90	16.5	0-2
				1880	18900	16.03	16.5	0-2
				1909.3	19193	15.99	16.5	0-2
	64-QAM	1 RB	0	1850.7	18607	16.25	16.5	0-2
				1880	18900	15.99	16.5	0-2
				1909.3	19193	15.43	16.5	0-2
			2	1850.7	18607	15.05	16.5	0-2
				1880	18900	14.96	16.5	0-2
				1909.3	19193	14.90	16.5	0-2
			5	1850.7	18607	15.15	16.5	0-2
				1880	18900	15.69	16.5	0-2
				1909.3	19193	15.06	16.5	0-2
		3 RB	0	1850.7	18607	15.48	16.5	0-2
				1880	18900	15.09	16.5	0-2
				1909.3	19193	15.04	16.5	0-2
			2	1850.7	18607	15.95	16.5	0-2
				1880	18900	15.06	16.5	0-2
				1909.3	19193	15.37	16.5	0-2
			3	1850.7	18607	15.11	16.5	0-2
				1880	18900	14.59	16.5	0-2
				1909.3	19193	14.67	16.5	0-2
		6RB		1850.7	18607	14.08	15.5	0-3
				1880	18900	13.96	15.5	0-3
				1909.3	19193	14.03	15.5	0-3

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Report No.: T191105W01-SF

LTE Band 4

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	20050	19.43	20	0
				1732.5	20175	19.63	20	0
				1745	20300	19.54	20	0
			49	1720	20050	18.32	20	0
				1732.5	20175	18.28	20	0
				1745	20300	18.27	20	0
			99	1720	20050	18.4	20	0
				1732.5	20175	18.63	20	0
				1745	20300	19.39	20	0
		50 RB	0	1720	20050	18.61	19	0-1
				1732.5	20175	18.77	19	0-1
				1745	20300	18.56	19	0-1
			24	1720	20050	18.39	19	0-1
				1732.5	20175	18.43	19	0-1
				1745	20300	18.71	19	0-1
			50	1720	20050	18.42	19	0-1
				1732.5	20175	18.66	19	0-1
				1745	20300	18.36	19	0-1
		100RB		1720	20050	17.84	19	0-1
				1732.5	20175	17.99	19	0-1
				1745	20300	17.94	19	0-1
	16-QAM	1 RB	0	1720	20050	18.63	19	0-1
				1732.5	20175	18.47	19	0-1
				1745	20300	18.83	19	0-1
			49	1720	20050	18.41	19	0-1
				1732.5	20175	18.36	19	0-1
				1745	20300	18.35	19	0-1
			99	1720	20050	18.47	19	0-1
				1732.5	20175	18.84	19	0-1
				1745	20300	18.54	19	0-1
		50 RB	0	1720	20050	17.8	18	0-2
				1732.5	20175	17.51	18	0-2
				1745	20300	17.44	18	0-2
			24	1720	20050	17.37	18	0-2
				1732.5	20175	17.48	18	0-2
				1745	20300	17.77	18	0-2
			50	1720	20050	17.31	18	0-2
				1732.5	20175	17.81	18	0-2
				1745	20300	17.45	18	0-2
		100RB		1720	20050	17.37	18	0-2
				1732.5	20175	17.37	18	0-2
				1745	20300	17.43	18	0-2
	64-QAM	1 RB	0	1720	20050	17.74	18	0-2
				1732.5	20175	17.52	18	0-2
				1745	20300	17.53	18	0-2
			49	1720	20050	17.49	18	0-2
				1732.5	20175	17.3	18	0-2
				1745	20300	17.31	18	0-2
			99	1720	20050	17.48	18	0-2
				1732.5	20175	17.1	18	0-2
				1745	20300	17.54	18	0-2
		50 RB	0	1720	20050	16.85	17	0-3
				1732.5	20175	16.55	17	0-3
				1745	20300	16.37	17	0-3
			24	1720	20050	16.52	17	0-3
				1732.5	20175	16.37	17	0-3
				1745	20300	16.65	17	0-3
			50	1720	20050	16.58	17	0-3
				1732.5	20175	16.71	17	0-3
				1745	20300	16.52	17	0-3
		100RB		1720	20050	16.34	17	0-3
				1732.5	20175	16.36	17	0-3
				1745	20300	16.52	17	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	20025	19.19	20	0
				1732.5	20175	19.57	20	0
				1747.5	20325	19.34	20	0
			36	1717.5	20025	18.16	20	0
				1732.5	20175	18.07	20	0
				1747.5	20325	18.23	20	0
			74	1717.5	20025	18.01	20	0
				1732.5	20175	18.39	20	0
				1747.5	20325	19.00	20	0
		36 RB	0	1717.5	20025	18.60	19	0-1
				1732.5	20175	18.51	19	0-1
				1747.5	20325	18.29	19	0-1
			18	1717.5	20025	18.14	19	0-1
				1732.5	20175	18.15	19	0-1
				1747.5	20325	18.41	19	0-1
			37	1717.5	20025	18.30	19	0-1
				1732.5	20175	18.65	19	0-1
				1747.5	20325	18.13	19	0-1
		75RB		1717.5	20025	17.68	19	0-1
				1732.5	20175	17.66	19	0-1
				1747.5	20325	17.84	19	0-1
	16-QAM	1 RB	0	1717.5	20025	18.33	19	0-1
				1732.5	20175	18.12	19	0-1
				1747.5	20325	18.56	19	0-1
			36	1717.5	20025	18.19	19	0-1
				1732.5	20175	18.35	19	0-1
				1747.5	20325	18.25	19	0-1
			74	1717.5	20025	18.13	19	0-1
				1732.5	20175	18.53	19	0-1
				1747.5	20325	18.30	19	0-1
		36 RB	0	1717.5	20025	17.52	18	0-2
				1732.5	20175	17.25	18	0-2
				1747.5	20325	17.30	18	0-2
			18	1717.5	20025	16.98	18	0-2
				1732.5	20175	17.42	18	0-2
				1747.5	20325	17.69	18	0-2
			37	1717.5	20025	17.29	18	0-2
				1732.5	20175	17.56	18	0-2
				1747.5	20325	17.37	18	0-2
		75RB		1717.5	20025	17.30	18	0-2
				1732.5	20175	17.21	18	0-2
				1747.5	20325	17.21	18	0-2
	64-QAM	1 RB	0	1717.5	20025	17.44	18	0-2
				1732.5	20175	17.17	18	0-2
				1747.5	20325	17.32	18	0-2
			36	1717.5	20025	17.49	18	0-2
				1732.5	20175	17.09	18	0-2
				1747.5	20325	17.27	18	0-2
			74	1717.5	20025	17.28	18	0-2
				1732.5	20175	17.03	18	0-2
				1747.5	20325	17.45	18	0-2
		36 RB	0	1717.5	20025	16.77	17	0-3
				1732.5	20175	16.20	17	0-3
				1747.5	20325	16.28	17	0-3
			18	1717.5	20025	16.34	17	0-3
				1732.5	20175	16.22	17	0-3
				1747.5	20325	16.31	17	0-3
			37	1717.5	20025	16.32	17	0-3
				1732.5	20175	16.45	17	0-3
				1747.5	20325	16.51	17	0-3
		75RB		1717.5	20025	16.20	17	0-3
				1732.5	20175	16.09	17	0-3
				1747.5	20325	16.31	17	0-3

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Report No.: T191105W01-SF

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	20000	19.16	20	0
				1732.5	20175	19.35	20	0
				1750	20350	19.33	20	0
			25	1715	20000	18.21	20	0
				1732.5	20175	18.11	20	0
				1750	20350	18.19	20	0
			49	1715	20000	18.37	20	0
				1732.5	20175	18.42	20	0
				1750	20350	19.00	20	0
		25 RB	0	1715	20000	18.39	19	0-1
				1732.5	20175	18.52	19	0-1
				1750	20350	18.33	19	0-1
			12	1715	20000	18.23	19	0-1
				1732.5	20175	18.40	19	0-1
				1750	20350	18.34	19	0-1
			25	1715	20000	18.30	19	0-1
				1732.5	20175	18.29	19	0-1
				1750	20350	18.23	19	0-1
		50RB		1715	20000	17.78	19	0-1
				1732.5	20175	17.86	19	0-1
				1750	20350	17.80	19	0-1
	16-QAM	1 RB	0	1715	20000	18.25	19	0-1
				1732.5	20175	18.42	19	0-1
				1750	20350	18.79	19	0-1
			25	1715	20000	18.04	19	0-1
				1732.5	20175	18.01	19	0-1
				1750	20350	18.14	19	0-1
			49	1715	20000	18.37	19	0-1
				1732.5	20175	18.69	19	0-1
				1750	20350	18.16	19	0-1
		25 RB	0	1715	20000	17.55	18	0-2
				1732.5	20175	17.32	18	0-2
				1750	20350	17.31	18	0-2
			12	1715	20000	17.18	18	0-2
				1732.5	20175	17.22	18	0-2
				1750	20350	17.55	18	0-2
			25	1715	20000	17.10	18	0-2
				1732.5	20175	17.47	18	0-2
				1750	20350	17.25	18	0-2
		50RB		1715	20000	17.24	18	0-2
				1732.5	20175	17.05	18	0-2
				1750	20350	17.21	18	0-2
	64-QAM	1 RB	0	1715	20000	17.52	18	0-2
				1732.5	20175	17.39	18	0-2
				1750	20350	17.13	18	0-2
			25	1715	20000	17.35	18	0-2
				1732.5	20175	17.01	18	0-2
				1750	20350	17.18	18	0-2
			49	1715	20000	17.15	18	0-2
				1732.5	20175	17.09	18	0-2
				1750	20350	17.15	18	0-2
		25 RB	0	1715	20000	16.48	17	0-3
				1732.5	20175	16.32	17	0-3
				1750	20350	16.26	17	0-3
			12	1715	20000	16.32	17	0-3
				1732.5	20175	16.35	17	0-3
				1750	20350	16.58	17	0-3
			25	1715	20000	16.31	17	0-3
				1732.5	20175	16.46	17	0-3
				1750	20350	16.15	17	0-3
		50RB		1715	20000	16.08	17	0-3
				1732.5	20175	16.05	17	0-3
				1750	20350	16.14	17	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	19975	19.43	20	0
				1732.5	20175	19.25	20	0
				1752.5	20375	19.16	20	0
			12	1712.5	19975	18.28	20	0
				1732.5	20175	18.03	20	0
				1752.5	20375	18.03	20	0
			24	1712.5	19975	18.30	20	0
				1732.5	20175	18.58	20	0
				1752.5	20375	19.00	20	0
		12 RB	0	1712.5	19975	18.43	19	0-1
				1732.5	20175	18.77	19	0-1
				1752.5	20375	18.45	19	0-1
			6	1712.5	19975	18.17	19	0-1
				1732.5	20175	18.31	19	0-1
				1752.5	20375	18.42	19	0-1
			13	1712.5	19975	18.17	19	0-1
				1732.5	20175	18.34	19	0-1
				1752.5	20375	18.35	19	0-1
		25RB		1712.5	19975	17.76	19	0-1
				1732.5	20175	17.66	19	0-1
				1752.5	20375	17.84	19	0-1
	16-QAM	1 RB	0	1712.5	19975	18.23	19	0-1
				1732.5	20175	18.23	19	0-1
				1752.5	20375	18.63	19	0-1
			12	1712.5	19975	18.13	19	0-1
				1732.5	20175	18.33	19	0-1
				1752.5	20375	18.10	19	0-1
			24	1712.5	19975	18.20	19	0-1
				1732.5	20175	18.54	19	0-1
				1752.5	20375	18.43	19	0-1
		12 RB	0	1712.5	19975	17.75	18	0-2
				1732.5	20175	17.50	18	0-2
				1752.5	20375	17.37	18	0-2
			6	1712.5	19975	17.36	18	0-2
				1732.5	20175	17.23	18	0-2
				1752.5	20375	17.43	18	0-2
			13	1712.5	19975	17.27	18	0-2
				1732.5	20175	17.54	18	0-2
				1752.5	20375	17.15	18	0-2
		25RB		1712.5	19975	17.06	18	0-2
				1732.5	20175	17.31	18	0-2
				1752.5	20375	17.15	18	0-2
	64-QAM	1 RB	0	1712.5	19975	17.50	18	0-2
				1732.5	20175	17.47	18	0-2
				1752.5	20375	17.19	18	0-2
			12	1712.5	19975	17.30	18	0-2
				1732.5	20175	17.17	18	0-2
				1752.5	20375	16.94	18	0-2
			24	1712.5	19975	17.12	18	0-2
				1732.5	20175	16.89	18	0-2
				1752.5	20375	17.27	18	0-2
		12 RB	0	1712.5	19975	16.57	17	0-3
				1732.5	20175	16.52	17	0-3
				1752.5	20375	16.13	17	0-3
			6	1712.5	19975	16.22	17	0-3
				1732.5	20175	16.24	17	0-3
				1752.5	20375	16.61	17	0-3
			13	1712.5	19975	16.41	17	0-3
				1732.5	20175	16.67	17	0-3
				1752.5	20375	16.31	17	0-3
		25RB		1712.5	19975	16.03	17	0-3
				1732.5	20175	16.13	17	0-3
				1752.5	20375	16.50	17	0-3

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Report No.: T191105W01-SF

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	#VALUE!	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	19965	19.04	20	0
				1732.5	20175	19.25	20	0
				1753.5	20385	19.51	20	0
			7	1711.5	19965	18.03	20	0
				1732.5	20175	18.22	20	0
				1753.5	20385	18.18	20	0
			14	1711.5	19965	18.10	20	0
				1732.5	20175	18.34	20	0
				1753.5	20385	19.27	20	0
		8 RB	0	1711.5	19965	18.45	19	0-1
				1732.5	20175	18.58	19	0-1
				1753.5	20385	18.38	19	0-1
			4	1711.5	19965	18.39	19	0-1
				1732.5	20175	18.40	19	0-1
				1753.5	20385	18.41	19	0-1
			7	1711.5	19965	18.02	19	0-1
				1732.5	20175	18.44	19	0-1
				1753.5	20385	18.00	19	0-1
		15RB		1711.5	19965	17.80	19	0-1
				1732.5	20175	17.63	19	0-1
				1753.5	20385	17.74	19	0-1
	16-QAM	1 RB	0	1711.5	19965	18.41	19	0-1
				1732.5	20175	18.44	19	0-1
				1753.5	20385	18.82	19	0-1
			7	1711.5	19965	18.14	19	0-1
				1732.5	20175	17.97	19	0-1
				1753.5	20385	18.30	19	0-1
			14	1711.5	19965	18.16	19	0-1
				1732.5	20175	18.45	19	0-1
				1753.5	20385	18.35	19	0-1
		8 RB	0	1711.5	19965	17.48	18	0-2
				1732.5	20175	17.51	18	0-2
				1753.5	20385	17.14	18	0-2
			4	1711.5	19965	17.37	18	0-2
				1732.5	20175	17.15	18	0-2
				1753.5	20385	17.47	18	0-2
			7	1711.5	19965	17.05	18	0-2
				1732.5	20175	17.79	18	0-2
				1753.5	20385	17.24	18	0-2
		15RB		1711.5	19965	17.20	18	0-2
				1732.5	20175	17.18	18	0-2
				1753.5	20385	17.41	18	0-2
	64-QAM	1 RB	0	1711.5	19965	17.56	18	0-2
				1732.5	20175	17.15	18	0-2
				1753.5	20385	17.37	18	0-2
			7	1711.5	19965	17.18	18	0-2
				1732.5	20175	17.00	18	0-2
				1753.5	20385	16.95	18	0-2
			14	1711.5	19965	17.10	18	0-2
				1732.5	20175	16.97	18	0-2
				1753.5	20385	17.52	18	0-2
		8 RB	0	1711.5	19965	16.69	17	0-3
				1732.5	20175	16.55	17	0-3
				1753.5	20385	16.22	17	0-3
			4	1711.5	19965	16.38	17	0-3
				1732.5	20175	16.19	17	0-3
				1753.5	20385	16.31	17	0-3
			7	1711.5	19965	16.29	17	0-3
				1732.5	20175	16.52	17	0-3
				1753.5	20385	16.34	17	0-3
		15RB		1711.5	19965	16.09	17	0-3
				1732.5	20175	16.13	17	0-3
				1753.5	20385	16.45	17	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	19957	19.35	20	0
				1732.5	20175	19.54	20	0
				1754.3	20393	19.14	20	0
			2	1710.7	19957	18.05	20	0
				1732.5	20175	18.27	20	0
				1754.3	20393	18.09	20	0
			5	1710.7	19957	18.00	20	0
				1732.5	20175	18.41	20	0
				1754.3	20393	19.14	20	0
		3 RB	0	1710.7	19957	18.57	19	0-1
				1732.5	20175	18.66	19	0-1
				1754.3	20393	18.25	19	0-1
			2	1710.7	19957	18.33	19	0-1
				1732.5	20175	18.43	19	0-1
				1754.3	20393	18.50	19	0-1
			3	1710.7	19957	18.11	19	0-1
				1732.5	20175	18.51	19	0-1
				1754.3	20393	18.11	19	0-1
		6RB		1710.7	19957	17.56	19	0-1
				1732.5	20175	17.70	19	0-1
				1754.3	20393	17.84	19	0-1
	16-QAM	1 RB	0	1710.7	19957	18.28	19	0-1
				1732.5	20175	18.10	19	0-1
				1754.3	20393	18.50	19	0-1
			2	1710.7	19957	18.25	19	0-1
				1732.5	20175	18.13	19	0-1
				1754.3	20393	18.06	19	0-1
			5	1710.7	19957	18.43	19	0-1
				1732.5	20175	18.51	19	0-1
				1754.3	20393	18.14	19	0-1
		3 RB	0	1710.7	19957	17.76	19	0-1
				1732.5	20175	17.13	19	0-1
				1754.3	20393	17.23	19	0-1
			2	1710.7	19957	17.01	19	0-1
				1732.5	20175	17.08	19	0-1
				1754.3	20393	17.43	19	0-1
			3	1710.7	19957	17.17	19	0-1
				1732.5	20175	17.44	19	0-1
				1754.3	20393	17.40	19	0-1
		6RB		1710.7	19957	17.31	18	0-2
				1732.5	20175	17.00	18	0-2
				1754.3	20393	17.19	18	0-2
	64-QAM	1 RB	0	1710.7	19957	17.44	18	0-2
				1732.5	20175	17.39	18	0-2
				1754.3	20393	17.51	18	0-2
			2	1710.7	19957	17.21	18	0-2
				1732.5	20175	16.98	18	0-2
				1754.3	20393	17.06	18	0-2
			5	1710.7	19957	17.28	18	0-2
				1732.5	20175	17.07	18	0-2
				1754.3	20393	17.27	18	0-2
		3 RB	0	1710.7	19957	16.53	18	0-2
				1732.5	20175	16.50	18	0-2
				1754.3	20393	16.37	18	0-2
			2	1710.7	19957	16.12	18	0-2
				1732.5	20175	16.10	18	0-2
				1754.3	20393	16.61	18	0-2
			3	1710.7	19957	16.47	18	0-2
				1732.5	20175	16.42	18	0-2
				1754.3	20393	16.35	18	0-2
		6RB		1710.7	19957	16.34	17	0-3
				1732.5	20175	15.99	17	0-3
				1754.3	20393	16.18	17	0-3

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LTE Band 7

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2510	20850	18.47	18.5	0
				2535	21100	18.44	18.5	0
				2560	21350	18.45	18.5	0
			49	2510	20850	18.33	18.5	0
				2535	21100	18.31	18.5	0
				2560	21350	18.22	18.5	0
			99	2510	20850	18.21	18.5	0
				2535	21100	18.2	18.5	0
				2560	21350	18.21	18.5	0
		50 RB	0	2510	20850	17.44	17.5	0-1
				2535	21100	17	17.5	0-1
				2560	21350	16.93	17.5	0-1
			24	2510	20850	16.92	17.5	0-1
				2535	21100	17.16	17.5	0-1
				2560	21350	17.16	17.5	0-1
			50	2510	20850	17.32	17.5	0-1
				2535	21100	17.11	17.5	0-1
				2560	21350	17	17.5	0-1
		100RB		2510	20850	16.86	17.5	0-1
				2535	21100	16.84	17.5	0-1
				2560	21350	16.3	17.5	0-1
	16-QAM	1 RB	0	2510	20850	17.17	17.5	0-1
				2535	21100	16.77	17.5	0-1
				2560	21350	16.88	17.5	0-1
			49	2510	20850	15.96	17.5	0-1
				2535	21100	15.93	17.5	0-1
				2560	21350	15.84	17.5	0-1
			99	2510	20850	16.03	17.5	0-1
				2535	21100	16.36	17.5	0-1
				2560	21350	15.89	17.5	0-1
		50 RB	0	2510	20850	16.09	16.5	0-2
				2535	21100	14.87	16.5	0-2
				2560	21350	14.85	16.5	0-2
			24	2510	20850	14.87	16.5	0-2
				2535	21100	14.97	16.5	0-2
				2560	21350	16.31	16.5	0-2
			50	2510	20850	15.8	16.5	0-2
				2535	21100	16.09	16.5	0-2
				2560	21350	14.87	16.5	0-2
		100RB		2510	20850	14.85	16.5	0-2
				2535	21100	14.76	16.5	0-2
				2560	21350	15.03	16.5	0-2
	64-QAM	1 RB	0	2510	20850	16.11	16.5	0-2
				2535	21100	16	16.5	0-2
				2560	21350	16.02	16.5	0-2
			49	2510	20850	16.05	16.5	0-2
				2535	21100	15.96	16.5	0-2
				2560	21350	16.05	16.5	0-2
			99	2510	20850	16.08	16.5	0-2
				2535	21100	16.39	16.5	0-2
				2560	21350	16	16.5	0-2
		50 RB	0	2510	20850	15.15	15.5	0-3
				2535	21100	15.12	15.5	0-3
				2560	21350	14.95	15.5	0-3
			24	2510	20850	15.03	15.5	0-3
				2535	21100	15.01	15.5	0-3
				2560	21350	15.38	15.5	0-3
			50	2510	20850	15.39	15.5	0-3
				2535	21100	15.05	15.5	0-3
				2560	21350	15.1	15.5	0-3
		100RB		2510	20850	15.02	15.5	0-3
				2535	21100	14.99	15.5	0-3
				2560	21350	15.02	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2507.5	20825	18.43	18.5	0
				2535	21100	18.42	18.5	0
				2562.5	21375	18.27	18.5	0
			36	2507.5	20825	18.17	18.5	0
				2535	21100	18.31	18.5	0
				2562.5	21375	18.20	18.5	0
			74	2507.5	20825	18.17	18.5	0
				2535	21100	18.16	18.5	0
				2562.5	21375	18.19	18.5	0
		36 RB	0	2507.5	20825	17.39	17.5	0-1
				2535	21100	16.88	17.5	0-1
				2562.5	21375	16.75	17.5	0-1
			18	2507.5	20825	16.82	17.5	0-1
				2535	21100	17.14	17.5	0-1
				2562.5	21375	16.99	17.5	0-1
			37	2507.5	20825	17.27	17.5	0-1
				2535	21100	17.06	17.5	0-1
				2562.5	21375	16.91	17.5	0-1
		75RB		2507.5	20825	16.72	17.5	0-1
				2535	21100	16.65	17.5	0-1
				2562.5	21375	16.10	17.5	0-1
	16-QAM	1 RB	0	2507.5	20825	17.15	17.5	0-1
				2535	21100	16.65	17.5	0-1
				2562.5	21375	16.75	17.5	0-1
			36	2507.5	20825	15.78	17.5	0-1
				2535	21100	15.85	17.5	0-1
				2562.5	21375	15.71	17.5	0-1
			74	2507.5	20825	15.98	17.5	0-1
				2535	21100	16.36	17.5	0-1
				2562.5	21375	15.76	17.5	0-1
		36 RB	0	2507.5	20825	15.95	16.5	0-2
				2535	21100	14.80	16.5	0-2
				2562.5	21375	14.83	16.5	0-2
			18	2507.5	20825	14.69	16.5	0-2
				2535	21100	14.80	16.5	0-2
				2562.5	21375	16.18	16.5	0-2
			37	2507.5	20825	15.71	16.5	0-2
				2535	21100	16.04	16.5	0-2
				2562.5	21375	14.77	16.5	0-2
		75RB		2507.5	20825	14.70	16.5	0-2
				2535	21100	14.73	16.5	0-2
				2562.5	21375	15.03	16.5	0-2
	64-QAM	1 RB	0	2507.5	20825	16.10	16.5	0-2
				2535	21100	15.90	16.5	0-2
				2562.5	21375	16.01	16.5	0-2
			36	2507.5	20825	15.94	16.5	0-2
				2535	21100	15.76	16.5	0-2
				2562.5	21375	15.93	16.5	0-2
			74	2507.5	20825	16.05	16.5	0-2
				2535	21100	16.28	16.5	0-2
				2562.5	21375	15.84	16.5	0-2
		36 RB	0	2507.5	20825	15.02	15.5	0-3
				2535	21100	15.09	15.5	0-3
				2562.5	21375	14.82	15.5	0-3
			18	2507.5	20825	14.85	15.5	0-3
				2535	21100	14.83	15.5	0-3
				2562.5	21375	15.38	15.5	0-3
			37	2507.5	20825	15.38	15.5	0-3
				2535	21100	14.86	15.5	0-3
				2562.5	21375	15.05	15.5	0-3
		75RB		2507.5	20825	14.92	15.5	0-3
				2535	21100	14.92	15.5	0-3
				2562.5	21375	14.96	15.5	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2505	20800	18.29	18.5	0
				2535	21100	18.34	18.5	0
				2565	21400	18.39	18.5	0
			25	2505	20800	18.33	18.5	0
				2535	21100	18.19	18.5	0
				2565	21400	18.08	18.5	0
			49	2505	20800	18.06	18.5	0
				2535	21100	18.17	18.5	0
				2565	21400	18.03	18.5	0
		25 RB	0	2505	20800	17.33	17.5	0-1
				2535	21100	16.93	17.5	0-1
				2565	21400	16.79	17.5	0-1
			12	2505	20800	16.83	17.5	0-1
				2535	21100	17.15	17.5	0-1
				2565	21400	17.16	17.5	0-1
			25	2505	20800	17.18	17.5	0-1
				2535	21100	17.09	17.5	0-1
				2565	21400	16.89	17.5	0-1
		50RB		2505	20800	16.71	17.5	0-1
				2535	21100	16.73	17.5	0-1
				2565	21400	16.15	17.5	0-1
	16-QAM	1 RB	0	2505	20800	17.05	17.5	0-1
				2535	21100	16.64	17.5	0-1
				2565	21400	16.77	17.5	0-1
			25	2505	20800	15.86	17.5	0-1
				2535	21100	15.74	17.5	0-1
				2565	21400	15.72	17.5	0-1
			49	2505	20800	15.89	17.5	0-1
				2535	21100	16.31	17.5	0-1
				2565	21400	15.89	17.5	0-1
		25 RB	0	2505	20800	15.93	16.5	0-2
				2535	21100	14.84	16.5	0-2
				2565	21400	14.72	16.5	0-2
			12	2505	20800	14.70	16.5	0-2
				2535	21100	14.79	16.5	0-2
				2565	21400	16.28	16.5	0-2
			25	2505	20800	15.68	16.5	0-2
				2535	21100	15.92	16.5	0-2
				2565	21400	14.71	16.5	0-2
		50RB		2505	20800	14.70	16.5	0-2
				2535	21100	14.66	16.5	0-2
				2565	21400	14.98	16.5	0-2
	64-QAM	1 RB	0	2505	20800	15.97	16.5	0-2
				2535	21100	15.94	16.5	0-2
				2565	21400	15.83	16.5	0-2
			25	2505	20800	15.95	16.5	0-2
				2535	21100	15.93	16.5	0-2
				2565	21400	15.85	16.5	0-2
			49	2505	20800	16.06	16.5	0-2
				2535	21100	16.19	16.5	0-2
				2565	21400	15.93	16.5	0-2
		25 RB	0	2505	20800	14.95	15.5	0-3
				2535	21100	14.98	15.5	0-3
				2565	21400	14.88	15.5	0-3
			12	2505	20800	14.89	15.5	0-3
				2535	21100	14.94	15.5	0-3
				2565	21400	15.24	15.5	0-3
			25	2505	20800	15.34	15.5	0-3
				2535	21100	14.97	15.5	0-3
				2565	21400	14.98	15.5	0-3
		50RB		2505	20800	14.94	15.5	0-3
				2535	21100	14.92	15.5	0-3
				2565	21400	14.88	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2502.5	20775	18.46	18.5	0
				2535	21100	18.28	18.5	0
				2567.5	21425	18.35	18.5	0
			12	2502.5	20775	18.24	18.5	0
				2535	21100	18.25	18.5	0
				2567.5	21425	18.16	18.5	0
			24	2502.5	20775	18.09	18.5	0
				2535	21100	18.19	18.5	0
				2567.5	21425	18.11	18.5	0
		12 RB	0	2502.5	20775	17.24	17.5	0-1
				2535	21100	17.00	17.5	0-1
				2567.5	21425	16.76	17.5	0-1
			6	2502.5	20775	16.73	17.5	0-1
				2535	21100	17.07	17.5	0-1
				2567.5	21425	17.08	17.5	0-1
			13	2502.5	20775	17.14	17.5	0-1
				2535	21100	17.01	17.5	0-1
				2567.5	21425	16.99	17.5	0-1
		25RB		2502.5	20775	16.80	17.5	0-1
				2535	21100	16.71	17.5	0-1
				2567.5	21425	16.23	17.5	0-1
	16-QAM	1 RB	0	2502.5	20775	17.09	17.5	0-1
				2535	21100	16.73	17.5	0-1
				2567.5	21425	16.71	17.5	0-1
			12	2502.5	20775	15.89	17.5	0-1
				2535	21100	15.75	17.5	0-1
				2567.5	21425	15.67	17.5	0-1
			24	2502.5	20775	15.90	17.5	0-1
				2535	21100	16.22	17.5	0-1
				2567.5	21425	15.76	17.5	0-1
		12 RB	0	2502.5	20775	16.03	16.5	0-2
				2535	21100	14.71	16.5	0-2
				2567.5	21425	14.69	16.5	0-2
			6	2502.5	20775	14.69	16.5	0-2
				2535	21100	14.87	16.5	0-2
				2567.5	21425	16.20	16.5	0-2
			13	2502.5	20775	15.72	16.5	0-2
				2535	21100	16.01	16.5	0-2
				2567.5	21425	14.67	16.5	0-2
		25RB		2502.5	20775	14.85	16.5	0-2
				2535	21100	14.70	16.5	0-2
				2567.5	21425	14.98	16.5	0-2
	64-QAM	1 RB	0	2502.5	20775	15.97	16.5	0-2
				2535	21100	15.99	16.5	0-2
				2567.5	21425	15.99	16.5	0-2
			12	2502.5	20775	15.94	16.5	0-2
				2535	21100	15.77	16.5	0-2
				2567.5	21425	15.92	16.5	0-2
			24	2502.5	20775	16.02	16.5	0-2
				2535	21100	16.28	16.5	0-2
				2567.5	21425	15.97	16.5	0-2
		12 RB	0	2502.5	20775	14.95	15.5	0-3
				2535	21100	14.99	15.5	0-3
				2567.5	21425	14.84	15.5	0-3
			6	2502.5	20775	14.89	15.5	0-3
				2535	21100	14.86	15.5	0-3
				2567.5	21425	15.21	15.5	0-3
			13	2502.5	20775	15.19	15.5	0-3
				2535	21100	15.05	15.5	0-3
				2567.5	21425	14.90	15.5	0-3
		25RB		2502.5	20775	14.97	15.5	0-3
				2535	21100	14.97	15.5	0-3
				2567.5	21425	14.86	15.5	0-3

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Report No.: T191105W01-SF

LTE Band 25

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	26140	18.21	18.5	0
				1882.5	26365	18.33	18.5	0
				1905	26590	18.09	18.5	0
			49	1860	26140	17.07	18.5	0
				1882.5	26365	16.91	18.5	0
				1905	26590	16.9	18.5	0
			99	1860	26140	17.16	18.5	0
				1882.5	26365	17.28	18.5	0
				1905	26590	17.32	18.5	0
		50 RB	0	1860	26140	17.44	17.5	0-1
				1882.5	26365	17.36	17.5	0-1
				1905	26590	17.48	17.5	0-1
			24	1860	26140	16.01	17.5	0-1
				1882.5	26365	16.03	17.5	0-1
				1905	26590	17.06	17.5	0-1
			50	1860	26140	17.12	17.5	0-1
				1882.5	26365	17.15	17.5	0-1
				1905	26590	15.98	17.5	0-1
		100RB		1860	26140	16.91	17.5	0-1
				1882.5	26365	16.83	17.5	0-1
				1905	26590	16.94	17.5	0-1
	16-QAM	1 RB	0	1860	26140	17.41	17.5	0-1
				1882.5	26365	17.03	17.5	0-1
				1905	26590	17.08	17.5	0-1
			49	1860	26140	16.92	17.5	0-1
				1882.5	26365	16.9	17.5	0-1
				1905	26590	16.97	17.5	0-1
			99	1860	26140	17.06	17.5	0-1
				1882.5	26365	17	17.5	0-1
				1905	26590	17.44	17.5	0-1
		50 RB	0	1860	26140	16	16.5	0-2
				1882.5	26365	15.91	16.5	0-2
				1905	26590	15.96	16.5	0-2
			24	1860	26140	15.95	16.5	0-2
				1882.5	26365	16.05	16.5	0-2
				1905	26590	15.85	16.5	0-2
			50	1860	26140	15.62	16.5	0-2
				1882.5	26365	15.51	16.5	0-2
				1905	26590	15.92	16.5	0-2
		100RB		1860	26140	15.87	16.5	0-2
				1882.5	26365	15.94	16.5	0-2
				1905	26590	16.08	16.5	0-2
	64-QAM	1 RB	0	1860	26140	16.21	16.5	0-2
				1882.5	26365	15.53	16.5	0-2
				1905	26590	15.47	16.5	0-2
			49	1860	26140	15.04	16.5	0-2
				1882.5	26365	14.83	16.5	0-2
				1905	26590	15.14	16.5	0-2
			99	1860	26140	15.1	16.5	0-2
				1882.5	26365	15.68	16.5	0-2
				1905	26590	14.77	16.5	0-2
		50 RB	0	1860	26140	14.57	15.5	0-3
				1882.5	26365	14.1	15.5	0-3
				1905	26590	13.83	15.5	0-3
			24	1860	26140	14.09	15.5	0-3
				1882.5	26365	14.1	15.5	0-3
				1905	26590	15.31	15.5	0-3
			50	1860	26140	14.86	15.5	0-3
				1882.5	26365	14.38	15.5	0-3
				1905	26590	13.94	15.5	0-3
		100RB		1860	26140	13.97	15.5	0-3
				1882.5	26365	14.06	15.5	0-3
				1905	26590	14.12	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	26115	18.16	18.5	0
				1882.5	26365	18.25	18.5	0
				1907.5	26615	18.01	18.5	0
			36	1857.5	26115	16.84	18.5	0
				1882.5	26365	16.80	18.5	0
				1907.5	26615	16.66	18.5	0
			74	1857.5	26115	16.78	18.5	0
				1882.5	26365	17.23	18.5	0
				1907.5	26615	17.30	18.5	0
		36 RB	0	1857.5	26115	17.26	17.5	0-1
				1882.5	26365	17.30	17.5	0-1
				1907.5	26615	17.39	17.5	0-1
			18	1857.5	26115	15.72	17.5	0-1
				1882.5	26365	15.72	17.5	0-1
				1907.5	26615	16.91	17.5	0-1
			37	1857.5	26115	17.06	17.5	0-1
				1882.5	26365	16.76	17.5	0-1
				1907.5	26615	15.87	17.5	0-1
		75RB		1857.5	26115	16.51	17.5	0-1
				1882.5	26365	16.83	17.5	0-1
				1907.5	26615	16.58	17.5	0-1
	16-QAM	1 RB	0	1857.5	26115	17.38	17.5	0-1
				1882.5	26365	16.85	17.5	0-1
				1907.5	26615	16.80	17.5	0-1
			36	1857.5	26115	16.65	17.5	0-1
				1882.5	26365	16.69	17.5	0-1
				1907.5	26615	16.62	17.5	0-1
			74	1857.5	26115	16.81	17.5	0-1
				1882.5	26365	16.60	17.5	0-1
				1907.5	26615	17.37	17.5	0-1
		36 RB	0	1857.5	26115	15.78	16.5	0-2
				1882.5	26365	15.70	16.5	0-2
				1907.5	26615	15.61	16.5	0-2
			18	1857.5	26115	15.76	16.5	0-2
				1882.5	26365	15.72	16.5	0-2
				1907.5	26615	15.52	16.5	0-2
			37	1857.5	26115	15.62	16.5	0-2
				1882.5	26365	15.47	16.5	0-2
				1907.5	26615	15.74	16.5	0-2
		75RB		1857.5	26115	15.53	16.5	0-2
				1882.5	26365	15.80	16.5	0-2
				1907.5	26615	15.97	16.5	0-2
	64-QAM	1 RB	0	1857.5	26115	15.86	16.5	0-2
				1882.5	26365	15.15	16.5	0-2
				1907.5	26615	15.26	16.5	0-2
			36	1857.5	26115	14.95	16.5	0-2
				1882.5	26365	14.80	16.5	0-2
				1907.5	26615	15.07	16.5	0-2
			74	1857.5	26115	14.93	16.5	0-2
				1882.5	26365	15.65	16.5	0-2
				1907.5	26615	14.53	16.5	0-2
		36 RB	0	1857.5	26115	14.27	15.5	0-3
				1882.5	26365	13.75	15.5	0-3
				1907.5	26615	13.79	15.5	0-3
			18	1857.5	26115	13.98	15.5	0-3
				1882.5	26365	13.80	15.5	0-3
				1907.5	26615	15.28	15.5	0-3
			37	1857.5	26115	14.83	15.5	0-3
				1882.5	26365	14.24	15.5	0-3
				1907.5	26615	13.54	15.5	0-3
		75RB		1857.5	26115	13.63	15.5	0-3
				1882.5	26365	13.73	15.5	0-3
				1907.5	26615	13.83	15.5	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	26090	17.83	18.5	0
				1882.5	26365	18.07	18.5	0
				1910	26640	17.76	18.5	0
			25	1855	26090	17.01	18.5	0
				1882.5	26365	16.57	18.5	0
				1910	26640	16.84	18.5	0
			49	1855	26090	16.89	18.5	0
				1882.5	26365	16.94	18.5	0
				1910	26640	17.30	18.5	0
		25 RB	0	1855	26090	17.35	17.5	0-1
				1882.5	26365	17.05	17.5	0-1
				1910	26640	17.33	17.5	0-1
			12	1855	26090	15.67	17.5	0-1
				1882.5	26365	15.70	17.5	0-1
				1910	26640	16.73	17.5	0-1
			25	1855	26090	16.95	17.5	0-1
				1882.5	26365	16.91	17.5	0-1
				1910	26640	15.81	17.5	0-1
		50RB		1855	26090	16.58	17.5	0-1
				1882.5	26365	16.49	17.5	0-1
				1910	26640	16.79	17.5	0-1
	16-QAM	1 RB	0	1855	26090	17.40	17.5	0-1
				1882.5	26365	16.69	17.5	0-1
				1910	26640	16.76	17.5	0-1
			25	1855	26090	16.79	17.5	0-1
				1882.5	26365	16.55	17.5	0-1
				1910	26640	16.65	17.5	0-1
			49	1855	26090	16.76	17.5	0-1
				1882.5	26365	16.97	17.5	0-1
				1910	26640	17.13	17.5	0-1
		25 RB	0	1855	26090	15.88	16.5	0-2
				1882.5	26365	15.86	16.5	0-2
				1910	26640	15.88	16.5	0-2
			12	1855	26090	15.60	16.5	0-2
				1882.5	26365	15.79	16.5	0-2
				1910	26640	15.74	16.5	0-2
			25	1855	26090	15.48	16.5	0-2
				1882.5	26365	15.22	16.5	0-2
				1910	26640	15.74	16.5	0-2
		50RB		1855	26090	15.74	16.5	0-2
				1882.5	26365	15.82	16.5	0-2
				1910	26640	15.79	16.5	0-2
	64-QAM	1 RB	0	1855	26090	15.97	16.5	0-2
				1882.5	26365	15.47	16.5	0-2
				1910	26640	15.18	16.5	0-2
			25	1855	26090	14.73	16.5	0-2
				1882.5	26365	14.52	16.5	0-2
				1910	26640	14.75	16.5	0-2
			49	1855	26090	15.02	16.5	0-2
				1882.5	26365	15.57	16.5	0-2
				1910	26640	14.77	16.5	0-2
		25 RB	0	1855	26090	14.43	15.5	0-3
				1882.5	26365	13.80	15.5	0-3
				1910	26640	13.55	15.5	0-3
			12	1855	26090	13.93	15.5	0-3
				1882.5	26365	13.87	15.5	0-3
				1910	26640	15.06	15.5	0-3
			25	1855	26090	14.58	15.5	0-3
				1882.5	26365	14.30	15.5	0-3
				1910	26640	13.54	15.5	0-3
		50RB		1855	26090	13.60	15.5	0-3
				1882.5	26365	13.96	15.5	0-3
				1910	26640	13.76	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	26065	18.00	18.5	0
				1882.5	26365	18.12	18.5	0
				1912.5	26665	17.81	18.5	0
			12	1852.5	26065	16.72	18.5	0
				1882.5	26365	16.53	18.5	0
				1912.5	26665	16.55	18.5	0
			24	1852.5	26065	17.13	18.5	0
				1882.5	26365	17.06	18.5	0
				1912.5	26665	17.22	18.5	0
		12 RB	0	1852.5	26065	17.11	17.5	0-1
				1882.5	26365	17.02	17.5	0-1
				1912.5	26665	17.36	17.5	0-1
			6	1852.5	26065	15.65	17.5	0-1
				1882.5	26365	15.77	17.5	0-1
				1912.5	26665	16.76	17.5	0-1
			13	1852.5	26065	17.01	17.5	0-1
				1882.5	26365	17.06	17.5	0-1
				1912.5	26665	15.80	17.5	0-1
		25RB		1852.5	26065	16.67	17.5	0-1
				1882.5	26365	16.46	17.5	0-1
				1912.5	26665	16.84	17.5	0-1
	16-QAM	1 RB	0	1852.5	26065	17.27	17.5	0-1
				1882.5	26365	16.69	17.5	0-1
				1912.5	26665	16.77	17.5	0-1
			12	1852.5	26065	16.89	17.5	0-1
				1882.5	26365	16.60	17.5	0-1
				1912.5	26665	16.84	17.5	0-1
			24	1852.5	26065	16.68	17.5	0-1
				1882.5	26365	16.92	17.5	0-1
				1912.5	26665	17.23	17.5	0-1
		12 RB	0	1852.5	26065	15.85	16.5	0-2
				1882.5	26365	15.73	16.5	0-2
				1912.5	26665	15.75	16.5	0-2
			6	1852.5	26065	15.66	16.5	0-2
				1882.5	26365	15.80	16.5	0-2
				1912.5	26665	15.45	16.5	0-2
			13	1852.5	26065	15.43	16.5	0-2
				1882.5	26365	15.36	16.5	0-2
				1912.5	26665	15.83	16.5	0-2
		25RB		1852.5	26065	15.78	16.5	0-2
				1882.5	26365	15.65	16.5	0-2
				1912.5	26665	16.03	16.5	0-2
	64-QAM	1 RB	0	1852.5	26065	16.17	16.5	0-2
				1882.5	26365	15.50	16.5	0-2
				1912.5	26665	15.38	16.5	0-2
			12	1852.5	26065	14.65	16.5	0-2
				1882.5	26365	14.72	16.5	0-2
				1912.5	26665	14.92	16.5	0-2
			24	1852.5	26065	14.91	16.5	0-2
				1882.5	26365	15.51	16.5	0-2
				1912.5	26665	14.75	16.5	0-2
		12 RB	0	1852.5	26065	14.24	15.5	0-3
				1882.5	26365	13.87	15.5	0-3
				1912.5	26665	13.52	15.5	0-3
			6	1852.5	26065	13.73	15.5	0-3
				1882.5	26365	13.87	15.5	0-3
				1912.5	26665	15.21	15.5	0-3
			13	1852.5	26065	14.74	15.5	0-3
				1882.5	26365	14.38	15.5	0-3
				1912.5	26665	13.60	15.5	0-3
		25RB		1852.5	26065	13.87	15.5	0-3
				1882.5	26365	13.67	15.5	0-3
				1912.5	26665	13.97	15.5	0-3

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	26055	18.12	18.5	0
				1882.5	26365	17.99	18.5	0
				1913.5	26675	18.03	18.5	0
			7	1851.5	26055	16.70	18.5	0
				1882.5	26365	16.78	18.5	0
				1913.5	26675	16.75	18.5	0
			14	1851.5	26055	17.06	18.5	0
				1882.5	26365	17.21	18.5	0
				1913.5	26675	16.97	18.5	0
		8 RB	0	1851.5	26055	17.35	17.5	0-1
				1882.5	26365	17.19	17.5	0-1
				1913.5	26675	17.21	17.5	0-1
			4	1851.5	26055	15.65	17.5	0-1
				1882.5	26365	15.70	17.5	0-1
				1913.5	26675	16.87	17.5	0-1
			7	1851.5	26055	16.88	17.5	0-1
				1882.5	26365	17.11	17.5	0-1
				1913.5	26675	15.88	17.5	0-1
		15RB		1851.5	26055	16.52	17.5	0-1
				1882.5	26365	16.58	17.5	0-1
				1913.5	26675	16.89	17.5	0-1
	16-QAM	1 RB	0	1851.5	26055	17.10	17.5	0-1
				1882.5	26365	16.78	17.5	0-1
				1913.5	26675	17.05	17.5	0-1
			7	1851.5	26055	16.65	17.5	0-1
				1882.5	26365	16.88	17.5	0-1
				1913.5	26675	16.82	17.5	0-1
			14	1851.5	26055	16.90	17.5	0-1
				1882.5	26365	16.88	17.5	0-1
				1913.5	26675	17.28	17.5	0-1
		8 RB	0	1851.5	26055	15.84	16.5	0-2
				1882.5	26365	15.86	16.5	0-2
				1913.5	26675	15.81	16.5	0-2
			4	1851.5	26055	15.82	16.5	0-2
				1882.5	26365	15.76	16.5	0-2
				1913.5	26675	15.56	16.5	0-2
			7	1851.5	26055	15.59	16.5	0-2
				1882.5	26365	15.50	16.5	0-2
				1913.5	26675	15.71	16.5	0-2
		15RB		1851.5	26055	15.61	16.5	0-2
				1882.5	26365	15.65	16.5	0-2
				1913.5	26675	15.97	16.5	0-2
	64-QAM	1 RB	0	1851.5	26055	16.18	16.5	0-2
				1882.5	26365	15.19	16.5	0-2
				1913.5	26675	15.40	16.5	0-2
			7	1851.5	26055	14.74	16.5	0-2
				1882.5	26365	14.71	16.5	0-2
				1913.5	26675	15.02	16.5	0-2
			14	1851.5	26055	14.86	16.5	0-2
				1882.5	26365	15.50	16.5	0-2
				1913.5	26675	14.72	16.5	0-2
		8 RB	0	1851.5	26055	14.30	15.5	0-3
				1882.5	26365	14.05	15.5	0-3
				1913.5	26675	13.62	15.5	0-3
			4	1851.5	26055	13.74	15.5	0-3
				1882.5	26365	13.83	15.5	0-3
				1913.5	26675	15.17	15.5	0-3
			7	1851.5	26055	14.75	15.5	0-3
				1882.5	26365	14.16	15.5	0-3
				1913.5	26675	13.91	15.5	0-3
		15RB		1851.5	26055	13.74	15.5	0-3
				1882.5	26365	14.00	15.5	0-3
				1913.5	26675	13.88	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	26047	17.95	18.5	0
				1882.5	26365	18.24	18.5	0
				1914.3	26683	17.75	18.5	0
			2	1850.7	26047	17.01	18.5	0
				1882.5	26365	16.91	18.5	0
				1914.3	26683	16.84	18.5	0
			5	1850.7	26047	16.89	18.5	0
				1882.5	26365	17.12	18.5	0
				1914.3	26683	17.02	18.5	0
		3 RB	0	1850.7	26047	17.31	18.5	0
				1882.5	26365	17.27	18.5	0
				1914.3	26683	17.18	18.5	0
			2	1850.7	26047	16.87	18.5	0
				1882.5	26365	16.68	18.5	0
				1914.3	26683	16.73	18.5	0
			3	1850.7	26047	16.96	18.5	0
				1882.5	26365	17.03	18.5	0
				1914.3	26683	16.79	18.5	0
		6RB		1850.7	26047	16.88	17.5	0-1
				1882.5	26365	16.71	17.5	0-1
				1914.3	26683	16.76	17.5	0-1
	16-QAM	1 RB	0	1850.7	26047	17.16	17.5	0-1
				1882.5	26365	17.02	17.5	0-1
				1914.3	26683	16.86	17.5	0-1
			2	1850.7	26047	16.83	17.5	0-1
				1882.5	26365	16.83	17.5	0-1
				1914.3	26683	16.96	17.5	0-1
			5	1850.7	26047	16.95	17.5	0-1
				1882.5	26365	16.94	17.5	0-1
				1914.3	26683	17.13	17.5	0-1
		3 RB	0	1850.7	26047	15.78	17.5	0-1
				1882.5	26365	15.71	17.5	0-1
				1914.3	26683	15.74	17.5	0-1
			2	1850.7	26047	15.82	17.5	0-1
				1882.5	26365	15.65	17.5	0-1
				1914.3	26683	15.50	17.5	0-1
			3	1850.7	26047	16.26	17.5	0-1
				1882.5	26365	16.20	17.5	0-1
				1914.3	26683	15.66	17.5	0-1
		6RB		1850.7	26047	15.64	16.5	0-2
				1882.5	26365	15.83	16.5	0-2
				1914.3	26683	15.97	16.5	0-2
	64-QAM	1 RB	0	1850.7	26047	16.10	16.5	0-2
				1882.5	26365	15.53	16.5	0-2
				1914.3	26683	15.30	16.5	0-2
			2	1850.7	26047	14.99	16.5	0-2
				1882.5	26365	14.61	16.5	0-2
				1914.3	26683	15.09	16.5	0-2
			5	1850.7	26047	15.03	16.5	0-2
				1882.5	26365	15.59	16.5	0-2
				1914.3	26683	14.57	16.5	0-2
		3 RB	0	1850.7	26047	14.77	16.5	0-2
				1882.5	26365	14.95	16.5	0-2
				1914.3	26683	14.76	16.5	0-2
			2	1850.7	26047	14.90	16.5	0-2
				1882.5	26365	14.90	16.5	0-2
				1914.3	26683	15.00	16.5	0-2
			3	1850.7	26047	14.73	16.5	0-2
				1882.5	26365	14.90	16.5	0-2
				1914.3	26683	14.76	16.5	0-2
		6RB		1850.7	26047	13.68	15.5	0-3
				1882.5	26365	14.01	15.5	0-3
				1914.3	26683	13.72	15.5	0-3

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LTE Band 41

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2506	39750	18.39	18.5	0
				2549.5	40185	18.44	18.5	0
				2593	40620	18.48	18.5	0
				2636.5	41055	18.36	18.5	0
				2680	41490	18.47	18.5	0
			49	2506	39750	18.30	18.5	0
				2549.5	40185	18.32	18.5	0
				2593	40620	18.45	18.5	0
				2636.5	41055	18.21	18.5	0
				2680	41490	18.44	18.5	0
			99	2506	39750	18.33	18.5	0
				2549.5	40185	18.10	18.5	0
				2593	40620	18.28	18.5	0
				2636.5	41055	18.32	18.5	0
				2680	41490	18.21	18.5	0
		50 RB	0	2506	39750	17.27	17.5	0-1
				2549.5	40185	17.12	17.5	0-1
				2593	40620	17.47	17.5	0-1
				2636.5	41055	17.38	17.5	0-1
				2680	41490	17.39	17.5	0-1
			24	2506	39750	17.23	17.5	0-1
				2549.5	40185	17.19	17.5	0-1
				2593	40620	17.26	17.5	0-1
				2636.5	41055	17.18	17.5	0-1
				2680	41490	17.26	17.5	0-1
			50	2506	39750	16.93	17.5	0-1
				2549.5	40185	17.04	17.5	0-1
				2593	40620	17.14	17.5	0-1
				2636.5	41055	17.06	17.5	0-1
				2680	41490	17.06	17.5	0-1
		100RB		2506	39750	17.00	17.5	0-1
				2549.5	40185	17.12	17.5	0-1
				2593	40620	17.24	17.5	0-1
				2636.5	41055	17.14	17.5	0-1
				2680	41490	17.16	17.5	0-1
	16-QAM	1 RB	0	2506	39750	17.50	17.5	0-1
				2549.5	40185	17.39	17.5	0-1
				2593	40620	17.27	17.5	0-1
				2636.5	41055	17.11	17.5	0-1
				2680	41490	17.14	17.5	0-1
			49	2506	39750	17.18	17.5	0-1
				2549.5	40185	17.13	17.5	0-1
				2593	40620	17.47	17.5	0-1
				2636.5	41055	17.29	17.5	0-1
				2680	41490	17.34	17.5	0-1
			99	2506	39750	17.35	17.5	0-1
				2549.5	40185	17.25	17.5	0-1
				2593	40620	17.28	17.5	0-1
				2636.5	41055	17.28	17.5	0-1
				2680	41490	17.13	17.5	0-1
		50 RB	0	2506	39750	16.12	16.5	0-2
				2549.5	40185	16.19	16.5	0-2
				2593	40620	16.21	16.5	0-2
				2636.5	41055	16.33	16.5	0-2
				2680	41490	16.26	16.5	0-2
			24	2506	39750	16.11	16.5	0-2
				2549.5	40185	16.13	16.5	0-2
				2593	40620	16.45	16.5	0-2
				2636.5	41055	16.10	16.5	0-2
				2680	41490	16.19	16.5	0-2
			50	2506	39750	16.37	16.5	0-2
				2549.5	40185	16.45	16.5	0-2
				2593	40620	16.37	16.5	0-2
				2636.5	41055	16.13	16.5	0-2
				2680	41490	16.30	16.5	0-2
		100RB		2506	39750	16.41	16.5	0-2
				2549.5	40185	16.13	16.5	0-2
				2593	40620	16.30	16.5	0-2
				2636.5	41055	16.30	16.5	0-2
				2680	41490	16.18	16.5	0-2
	64-QAM	1 RB	0	2506	39750	16.49	16.5	0-2
				2549.5	40185	16.33	16.5	0-2
				2593	40620	16.31	16.5	0-2
				2636.5	41055	16.22	16.5	0-2
				2680	41490	16.30	16.5	0-2
			49	2506	39750	16.29	16.5	0-2
				2549.5	40185	16.30	16.5	0-2
				2593	40620	16.34	16.5	0-2
				2636.5	41055	16.33	16.5	0-2
				2680	41490	16.27	16.5	0-2
			99	2506	39750	16.37	16.5	0-2
				2549.5	40185	16.17	16.5	0-2
				2593	40620	16.19	16.5	0-2
				2636.5	41055	16.27	16.5	0-2
				2680	41490	16.10	16.5	0-2
		50 RB	0	2506	39750	15.10	15.5	0-3
				2549.5	40185	15.49	15.5	0-3
				2593	40620	15.38	15.5	0-3
				2636.5	41055	15.18	15.5	0-3
				2680	41490	15.37	15.5	0-3
			24	2506	39750	15.38	15.5	0-3
				2549.5	40185	15.10	15.5	0-3
				2593	40620	15.24	15.5	0-3
				2636.5	41055	15.21	15.5	0-3
				2680	41490	15.44	15.5	0-3
			50	2506	39750	15.35	15.5	0-3
				2549.5	40185	15.20	15.5	0-3
				2593	40620	15.17	15.5	0-3
				2636.5	41055	15.22	15.5	0-3
				2680	41490	15.32	15.5	0-3
		100RB		2506	39750	15.35	15.5	0-3
				2549.5	40185	15.39	15.5	0-3
				2593	40620	15.27	15.5	0-3
				2636.5	41055	15.45	15.5	0-3
				2680	41490	15.26	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2503.5	39725	18.16	18.5	0
				2548.3	40173	18.19	18.5	0
				2593	40620	18.48	18.5	0
				2637.8	41068	18.34	18.5	0
				2682.5	41515	18.26	18.5	0
			36	2503.5	39725	18.27	18.5	0
				2548.3	40173	18.19	18.5	0
				2593	40620	18.40	18.5	0
				2637.8	41068	18.01	18.5	0
				2682.5	41515	18.27	18.5	0
			74	2503.5	39725	18.14	18.5	0
				2548.3	40173	17.80	18.5	0
				2593	40620	18.28	18.5	0
				2637.8	41068	18.09	18.5	0
				2682.5	41515	18.08	18.5	0
		36 RB	0	2503.5	39725	17.19	17.5	0-1
				2548.3	40173	16.83	17.5	0-1
				2593	40620	17.24	17.5	0-1
				2637.8	41068	17.12	17.5	0-1
				2682.5	41515	17.14	17.5	0-1
			18	2503.5	39725	17.18	17.5	0-1
				2548.3	40173	17.06	17.5	0-1
				2593	40620	17.11	17.5	0-1
				2637.8	41068	16.98	17.5	0-1
				2682.5	41515	17.14	17.5	0-1
			37	2503.5	39725	16.90	17.5	0-1
				2548.3	40173	16.83	17.5	0-1
				2593	40620	16.97	17.5	0-1
				2637.8	41068	16.88	17.5	0-1
				2682.5	41515	16.88	17.5	0-1
		75RB		2503.5	39725	16.82	17.5	0-1
				2548.3	40173	16.90	17.5	0-1
				2593	40620	17.19	17.5	0-1
				2637.8	41068	16.98	17.5	0-1
				2682.5	41515	16.88	17.5	0-1
	16-QAM	1 RB	0	2503.5	39725	17.35	17.5	0-1
				2548.3	40173	17.21	17.5	0-1
				2593	40620	17.10	17.5	0-1
				2637.8	41068	16.90	17.5	0-1
				2682.5	41515	16.88	17.5	0-1
			36	2503.5	39725	17.05	17.5	0-1
				2548.3	40173	17.11	17.5	0-1
				2593	40620	17.30	17.5	0-1
				2637.8	41068	17.27	17.5	0-1
				2682.5	41515	17.12	17.5	0-1
			74	2503.5	39725	17.31	17.5	0-1
				2548.3	40173	17.22	17.5	0-1
				2593	40620	17.25	17.5	0-1
				2637.8	41068	17.25	17.5	0-1
				2682.5	41515	17.09	17.5	0-1
		36 RB	0	2503.5	39725	16.01	16.5	0-2
				2548.3	40173	15.96	16.5	0-2
				2593	40620	15.92	16.5	0-2
				2637.8	41068	16.16	16.5	0-2
				2682.5	41515	15.96	16.5	0-2
			18	2503.5	39725	15.98	16.5	0-2
				2548.3	40173	16.01	16.5	0-2
				2593	40620	16.29	16.5	0-2
				2637.8	41068	16.07	16.5	0-2
				2682.5	41515	16.01	16.5	0-2
			37	2503.5	39725	16.18	16.5	0-2
				2548.3	40173	16.39	16.5	0-2
				2593	40620	16.35	16.5	0-2
				2637.8	41068	15.83	16.5	0-2
				2682.5	41515	16.03	16.5	0-2
		75RB		2503.5	39725	16.26	16.5	0-2
				2548.3	40173	16.06	16.5	0-2
				2593	40620	16.14	16.5	0-2
				2637.8	41068	16.28	16.5	0-2
				2682.5	41515	16.01	16.5	0-2
	64-QAM	1 RB	0	2503.5	39725	16.48	16.5	0-2
				2548.3	40173	16.33	16.5	0-2
				2593	40620	16.23	16.5	0-2
				2637.8	41068	15.94	16.5	0-2
				2682.5	41515	16.26	16.5	0-2
			36	2503.5	39725	16.24	16.5	0-2
				2548.3	40173	16.19	16.5	0-2
				2593	40620	16.14	16.5	0-2
				2637.8	41068	16.05	16.5	0-2
				2682.5	41515	16.14	16.5	0-2
			74	2503.5	39725	16.10	16.5	0-2
				2548.3	40173	16.02	16.5	0-2
				2593	40620	16.01	16.5	0-2
				2637.8	41068	16.13	16.5	0-2
				2682.5	41515	15.87	16.5	0-2
		36 RB	0	2503.5	39725	14.87	15.5	0-3
				2548.3	40173	15.34	15.5	0-3
				2593	40620	15.12	15.5	0-3
				2637.8	41068	14.90	15.5	0-3
				2682.5	41515	15.24	15.5	0-3
			18	2503.5	39725	15.22	15.5	0-3
				2548.3	40173	15.10	15.5	0-3
				2593	40620	15.00	15.5	0-3
				2637.8	41068	14.96	15.5	0-3
				2682.5	41515	15.42	15.5	0-3
			37	2503.5	39725	15.21	15.5	0-3
				2548.3	40173	15.07	15.5	0-3
				2593	40620	15.08	15.5	0-3
				2637.8	41068	14.94	15.5	0-3
				2682.5	41515	15.26	15.5	0-3
		75RB		2503.5	39725	15.32	15.5	0-3
				2548.3	40173	15.39	15.5	0-3
				2593	40620	15.22	15.5	0-3
				2637.8	41068	15.24	15.5	0-3
				2682.5	41515	15.05	15.5	0-3

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Report No.: T191105W01-SF

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2501	39700	18.27	18.5	0
				2547	40160	18.27	18.5	0
				2593	40620	18.27	18.5	0
				2639	41080	18.17	18.5	0
				2685	41540	18.20	18.5	0
			25	2501	39700	18.12	18.5	0
				2547	40160	18.26	18.5	0
				2593	40620	18.18	18.5	0
				2639	41080	18.15	18.5	0
				2685	41540	18.28	18.5	0
			49	2501	39700	18.14	18.5	0
				2547	40160	17.96	18.5	0
				2593	40620	18.19	18.5	0
				2639	41080	18.02	18.5	0
				2685	41540	18.03	18.5	0
		25 RB	0	2501	39700	17.22	17.5	0-1
				2547	40160	16.99	17.5	0-1
				2593	40620	17.23	17.5	0-1
				2639	41080	17.24	17.5	0-1
				2685	41540	17.33	17.5	0-1
			12	2501	39700	17.08	17.5	0-1
				2547	40160	17.06	17.5	0-1
				2593	40620	17.08	17.5	0-1
				2639	41080	16.97	17.5	0-1
				2685	41540	17.19	17.5	0-1
			25	2501	39700	16.81	17.5	0-1
				2547	40160	16.91	17.5	0-1
				2593	40620	16.84	17.5	0-1
				2639	41080	16.89	17.5	0-1
				2685	41540	16.97	17.5	0-1
		50RB		2501	39700	16.89	17.5	0-1
				2547	40160	17.09	17.5	0-1
				2593	40620	17.20	17.5	0-1
				2639	41080	17.11	17.5	0-1
				2685	41540	17.13	17.5	0-1
	16-QAM	1 RB	0	2501	39700	17.39	17.5	0-1
				2547	40160	17.32	17.5	0-1
				2593	40620	17.22	17.5	0-1
				2639	41080	17.11	17.5	0-1
				2685	41540	17.01	17.5	0-1
			25	2501	39700	17.02	17.5	0-1
				2547	40160	17.05	17.5	0-1
				2593	40620	17.26	17.5	0-1
				2639	41080	17.28	17.5	0-1
				2685	41540	17.29	17.5	0-1
			49	2501	39700	17.08	17.5	0-1
				2547	40160	17.03	17.5	0-1
				2593	40620	17.22	17.5	0-1
				2639	41080	17.22	17.5	0-1
				2685	41540	16.99	17.5	0-1
		25 RB	0	2501	39700	15.98	16.5	0-2
				2547	40160	16.08	16.5	0-2
				2593	40620	16.17	16.5	0-2
				2639	41080	16.12	16.5	0-2
				2685	41540	16.11	16.5	0-2
			12	2501	39700	15.93	16.5	0-2
				2547	40160	15.94	16.5	0-2
				2593	40620	16.35	16.5	0-2
				2639	41080	15.84	16.5	0-2
				2685	41540	16.08	16.5	0-2
			25	2501	39700	16.18	16.5	0-2
				2547	40160	16.16	16.5	0-2
				2593	40620	16.28	16.5	0-2
				2639	41080	16.10	16.5	0-2
				2685	41540	16.01	16.5	0-2
		50RB		2501	39700	16.25	16.5	0-2
				2547	40160	15.88	16.5	0-2
				2593	40620	16.29	16.5	0-2
				2639	41080	16.24	16.5	0-2
				2685	41540	16.11	16.5	0-2
	64-QAM	1 RB	0	2501	39700	16.30	16.5	0-2
				2547	40160	16.25	16.5	0-2
				2593	40620	16.11	16.5	0-2
				2639	41080	16.08	16.5	0-2
				2685	41540	16.09	16.5	0-2
			25	2501	39700	16.11	16.5	0-2
				2547	40160	16.05	16.5	0-2
				2593	40620	16.05	16.5	0-2
				2639	41080	16.23	16.5	0-2
				2685	41540	16.16	16.5	0-2
			49	2501	39700	16.09	16.5	0-2
				2547	40160	15.94	16.5	0-2
				2593	40620	15.99	16.5	0-2
				2639	41080	16.10	16.5	0-2
				2685	41540	16.01	16.5	0-2
		25 RB	0	2501	39700	14.87	15.5	0-3
				2547	40160	15.42	15.5	0-3
				2593	40620	15.15	15.5	0-3
				2639	41080	15.15	15.5	0-3
				2685	41540	15.09	15.5	0-3
			12	2501	39700	15.18	15.5	0-3
				2547	40160	14.88	15.5	0-3
				2593	40620	14.97	15.5	0-3
				2639	41080	15.01	15.5	0-3
				2685	41540	15.18	15.5	0-3
			25	2501	39700	15.18	15.5	0-3
				2547	40160	14.98	15.5	0-3
				2593	40620	14.97	15.5	0-3
				2639	41080	14.99	15.5	0-3
				2685	41540	15.08	15.5	0-3
		50RB		2501	39700	15.33	15.5	0-3
				2547	40160	15.23	15.5	0-3
				2593	40620	15.15	15.5	0-3
				2639	41080	15.43	15.5	0-3
				2685	41540	14.97	15.5	0-3

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2498.5	39675	18.23	18.5	0
				2547.8	40148	18.16	18.5	0
				2593	40620	18.46	18.5	0
				2640.3	41093	18.34	18.5	0
				2687.5	41565	18.47	18.5	0
			12	2498.5	39675	18.16	18.5	0
				2547.8	40148	18.15	18.5	0
				2593	40620	18.29	18.5	0
				2640.3	41093	18.13	18.5	0
				2687.5	41565	18.30	18.5	0
			24	2498.5	39675	18.18	18.5	0
				2547.8	40148	18.00	18.5	0
				2593	40620	18.12	18.5	0
				2640.3	41093	18.12	18.5	0
				2687.5	41565	18.13	18.5	0
		12 RB	0	2498.5	39675	16.99	17.5	0-1
				2547.8	40148	17.10	17.5	0-1
				2593	40620	17.17	17.5	0-1
				2640.3	41093	17.19	17.5	0-1
				2687.5	41565	17.35	17.5	0-1
			6	2498.5	39675	16.99	17.5	0-1
				2547.8	40148	17.18	17.5	0-1
				2593	40620	17.06	17.5	0-1
				2640.3	41093	16.94	17.5	0-1
				2687.5	41565	17.19	17.5	0-1
			13	2498.5	39675	16.84	17.5	0-1
				2547.8	40148	16.93	17.5	0-1
				2593	40620	17.01	17.5	0-1
				2640.3	41093	16.78	17.5	0-1
				2687.5	41565	16.87	17.5	0-1
		25RB		2498.5	39675	16.82	17.5	0-1
				2547.8	40148	17.02	17.5	0-1
				2593	40620	17.00	17.5	0-1
				2640.3	41093	16.98	17.5	0-1
				2687.5	41565	16.97	17.5	0-1
	16-QAM	1 RB	0	2498.5	39675	17.32	17.5	0-1
				2547.8	40148	17.09	17.5	0-1
				2593	40620	16.99	17.5	0-1
				2640.3	41093	16.87	17.5	0-1
				2687.5	41565	16.90	17.5	0-1
			12	2498.5	39675	17.04	17.5	0-1
				2547.8	40148	16.94	17.5	0-1
				2593	40620	17.30	17.5	0-1
				2640.3	41093	17.15	17.5	0-1
				2687.5	41565	17.05	17.5	0-1
			24	2498.5	39675	17.22	17.5	0-1
				2547.8	40148	17.19	17.5	0-1
				2593	40620	16.98	17.5	0-1
				2640.3	41093	17.28	17.5	0-1
				2687.5	41565	16.98	17.5	0-1
		12 RB	0	2498.5	39675	16.01	16.5	0-2
				2547.8	40148	16.06	16.5	0-2
				2593	40620	15.94	16.5	0-2
				2640.3	41093	16.17	16.5	0-2
				2687.5	41565	16.25	16.5	0-2
			6	2498.5	39675	16.03	16.5	0-2
				2547.8	40148	16.08	16.5	0-2
				2593	40620	16.32	16.5	0-2
				2640.3	41093	16.05	16.5	0-2
				2687.5	41565	15.91	16.5	0-2
			13	2498.5	39675	16.37	16.5	0-2
				2547.8	40148	16.40	16.5	0-2
				2593	40620	16.12	16.5	0-2
				2640.3	41093	16.12	16.5	0-2
				2687.5	41565	16.23	16.5	0-2
		25RB		2498.5	39675	16.22	16.5	0-2
				2547.8	40148	15.95	16.5	0-2
				2593	40620	16.02	16.5	0-2
				2640.3	41093	16.01	16.5	0-2
				2687.5	41565	15.99	16.5	0-2
	64-QAM	1 RB	0	2498.5	39675	16.33	16.5	0-2
				2547.8	40148	16.33	16.5	0-2
				2593	40620	16.23	16.5	0-2
				2640.3	41093	16.06	16.5	0-2
				2687.5	41565	16.15	16.5	0-2
			12	2498.5	39675	16.23	16.5	0-2
				2547.8	40148	16.21	16.5	0-2
				2593	40620	16.32	16.5	0-2
				2640.3	41093	16.26	16.5	0-2
				2687.5	41565	16.03	16.5	0-2
			24	2498.5	39675	16.36	16.5	0-2
				2547.8	40148	16.04	16.5	0-2
				2593	40620	15.91	16.5	0-2
				2640.3	41093	16.24	16.5	0-2
				2687.5	41565	16.10	16.5	0-2
		12 RB	0	2498.5	39675	15.00	15.5	0-3
				2547.8	40148	15.29	15.5	0-3
				2593	40620	15.31	15.5	0-3
				2640.3	41093	14.93	15.5	0-3
				2687.5	41565	15.24	15.5	0-3
			6	2498.5	39675	15.36	15.5	0-3
				2547.8	40148	15.08	15.5	0-3
				2593	40620	15.17	15.5	0-3
				2640.3	41093	15.06	15.5	0-3
				2687.5	41565	15.36	15.5	0-3
			13	2498.5	39675	15.06	15.5	0-3
				2547.8	40148	15.04	15.5	0-3
				2593	40620	15.16	15.5	0-3
				2640.3	41093	15.10	15.5	0-3
				2687.5	41565	15.32	15.5	0-3
		25RB		2498.5	39675	15.27	15.5	0-3
				2547.8	40148	15.27	15.5	0-3
				2593	40620	14.99	15.5	0-3
				2640.3	41093	15.28	15.5	0-3
				2687.5	41565	15.08	15.5	0-3

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LTE Band 66

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	132072	19.79	20	0
				1745	132322	19.88	20	0
				1770	132572	19.67	20	0
			49	1720	132072	19.62	20	0
				1745	132322	19.49	20	0
				1770	132572	19.33	20	0
			99	1720	132072	19.56	20	0
				1745	132322	19.44	20	0
				1770	132572	19.35	20	0
		50 RB	0	1720	132072	18.58	19	0-1
				1745	132322	18.61	19	0-1
				1770	132572	18.74	19	0-1
			24	1720	132072	18.68	19	0-1
				1745	132322	18.84	19	0-1
				1770	132572	18.89	19	0-1
			50	1720	132072	18.63	19	0-1
				1745	132322	18.57	19	0-1
				1770	132572	18.77	19	0-1
		100RB		1720	132072	18.50	19	0-1
				1745	132322	18.58	19	0-1
				1770	132572	18.68	19	0-1
	16-QAM	1 RB	0	1720	132072	18.84	19	0-1
				1745	132322	18.33	19	0-1
				1770	132572	18.84	19	0-1
			49	1720	132072	18.43	19	0-1
				1745	132322	18.80	19	0-1
				1770	132572	18.48	19	0-1
			99	1720	132072	18.89	19	0-1
				1745	132322	18.96	19	0-1
				1770	132572	18.89	19	0-1
		50 RB	0	1720	132072	17.42	18	0-2
				1745	132322	17.59	18	0-2
				1770	132572	17.99	18	0-2
			24	1720	132072	17.30	18	0-2
				1745	132322	17.53	18	0-2
				1770	132572	17.87	18	0-2
			50	1720	132072	17.72	18	0-2
				1745	132322	17.98	18	0-2
				1770	132572	17.64	18	0-2
		100RB		1720	132072	17.95	18	0-2
				1745	132322	17.96	18	0-2
				1770	132572	17.56	18	0-2
	64-QAM	1 RB	0	1720	132072	18.93	19	0-1
				1745	132322	18.93	19	0-1
				1770	132572	18.52	19	0-1
			49	1720	132072	18.55	19	0-1
				1745	132322	18.61	19	0-1
				1770	132572	18.63	19	0-1
			99	1720	132072	18.98	19	0-1
				1745	132322	18.88	19	0-1
				1770	132572	18.39	19	0-1
		50 RB	0	1720	132072	17.96	18	0-2
				1745	132322	17.81	18	0-2
				1770	132572	17.86	18	0-2
			24	1720	132072	17.66	18	0-2
				1745	132322	17.95	18	0-2
				1770	132572	17.56	18	0-2
			50	1720	132072	17.39	18	0-2
				1745	132322	17.61	18	0-2
				1770	132572	17.59	18	0-2
		100RB		1720	132072	17.44	18	0-2
				1745	132322	17.66	18	0-2
				1770	132572	17.69	18	0-2

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	132047	19.75	20	0
				1745	132322	19.83	20	0
				1772.5	132597	19.40	20	0
			36	1717.5	132047	19.57	20	0
				1745	132322	19.41	20	0
				1772.5	132597	19.08	20	0
			74	1717.5	132047	19.32	20	0
				1745	132322	19.17	20	0
				1772.5	132597	19.21	20	0
		36 RB	0	1717.5	132047	18.42	19	0-1
				1745	132322	18.59	19	0-1
				1772.5	132597	18.73	19	0-1
			18	1717.5	132047	18.55	19	0-1
				1745	132322	18.56	19	0-1
				1772.5	132597	18.78	19	0-1
			37	1717.5	132047	18.41	19	0-1
				1745	132322	18.49	19	0-1
				1772.5	132597	18.47	19	0-1
		75RB		1717.5	132047	18.21	19	0-1
				1745	132322	18.28	19	0-1
				1772.5	132597	18.68	19	0-1
	16-QAM	1 RB	0	1717.5	132047	18.58	19	0-1
				1745	132322	18.05	19	0-1
				1772.5	132597	18.72	19	0-1
			36	1717.5	132047	18.23	19	0-1
				1745	132322	18.68	19	0-1
				1772.5	132597	18.29	19	0-1
			74	1717.5	132047	18.63	19	0-1
				1745	132322	18.88	19	0-1
				1772.5	132597	18.87	19	0-1
		36 RB	0	1717.5	132047	17.26	18	0-2
				1745	132322	17.37	18	0-2
				1772.5	132597	17.86	18	0-2
			18	1717.5	132047	17.09	18	0-2
				1745	132322	17.41	18	0-2
				1772.5	132597	17.61	18	0-2
			37	1717.5	132047	17.66	18	0-2
				1745	132322	17.75	18	0-2
				1772.5	132597	17.35	18	0-2
		75RB		1717.5	132047	17.70	18	0-2
				1745	132322	17.81	18	0-2
				1772.5	132597	17.49	18	0-2
	64-QAM	1 RB	0	1717.5	132047	18.92	19	0-1
				1745	132322	18.68	19	0-1
				1772.5	132597	18.47	19	0-1
			36	1717.5	132047	18.54	19	0-1
				1745	132322	18.57	19	0-1
				1772.5	132597	18.60	19	0-1
			74	1717.5	132047	18.86	19	0-1
				1745	132322	18.75	19	0-1
				1772.5	132597	18.34	19	0-1
		36 RB	0	1717.5	132047	17.82	18	0-2
				1745	132322	17.59	18	0-2
				1772.5	132597	17.75	18	0-2
			18	1717.5	132047	17.36	18	0-2
				1745	132322	17.94	18	0-2
				1772.5	132597	17.37	18	0-2
			37	1717.5	132047	17.27	18	0-2
				1745	132322	17.51	18	0-2
				1772.5	132597	17.33	18	0-2
		75RB		1717.5	132047	17.26	18	0-2
				1745	132322	17.47	18	0-2
				1772.5	132597	17.69	18	0-2

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BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	132022	19.77	20	0
				1745	132322	19.80	20	0
				1775	132622	19.57	20	0
			25	1715	132022	19.34	20	0
				1745	132322	19.27	20	0
				1775	132622	19.12	20	0
			49	1715	132022	19.31	20	0
				1745	132322	19.38	20	0
				1775	132622	19.27	20	0
		25 RB	0	1715	132022	18.34	19	0-1
				1745	132322	18.36	19	0-1
				1775	132622	18.58	19	0-1
			12	1715	132022	18.61	19	0-1
				1745	132322	18.69	19	0-1
				1775	132622	18.73	19	0-1
			25	1715	132022	18.50	19	0-1
				1745	132322	18.38	19	0-1
				1775	132622	18.47	19	0-1
		50RB		1715	132022	18.34	19	0-1
				1745	132322	18.48	19	0-1
				1775	132622	18.43	19	0-1
	16-QAM	1 RB	0	1715	132022	18.71	19	0-1
				1745	132322	18.30	19	0-1
				1775	132622	18.62	19	0-1
			25	1715	132022	18.27	19	0-1
				1745	132322	18.51	19	0-1
				1775	132622	18.48	19	0-1
			49	1715	132022	18.89	19	0-1
				1745	132322	18.74	19	0-1
				1775	132622	18.64	19	0-1
		25 RB	0	1715	132022	17.33	18	0-2
				1745	132322	17.52	18	0-2
				1775	132622	17.71	18	0-2
			12	1715	132022	17.11	18	0-2
				1745	132322	17.53	18	0-2
				1775	132622	17.74	18	0-2
			25	1715	132022	17.50	18	0-2
				1745	132322	17.75	18	0-2
				1775	132622	17.39	18	0-2
		50RB		1715	132022	17.85	18	0-2
				1745	132322	17.68	18	0-2
				1775	132622	17.48	18	0-2
	64-QAM	1 RB	0	1715	132022	18.79	19	0-1
				1745	132322	18.67	19	0-1
				1775	132622	18.45	19	0-1
			25	1715	132022	18.25	19	0-1
				1745	132322	18.37	19	0-1
				1775	132622	18.54	19	0-1
			49	1715	132022	18.68	19	0-1
				1745	132322	18.77	19	0-1
				1775	132622	18.36	19	0-1
		25 RB	0	1715	132022	17.76	18	0-2
				1745	132322	17.80	18	0-2
				1775	132622	17.67	18	0-2
			12	1715	132022	17.37	18	0-2
				1745	132322	17.65	18	0-2
				1775	132622	17.38	18	0-2
			25	1715	132022	17.29	18	0-2
				1745	132322	17.37	18	0-2
				1775	132622	17.30	18	0-2
		50RB		1715	132022	17.31	18	0-2
				1745	132322	17.46	18	0-2
				1775	132622	17.57	18	0-2

BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	131997	19.55	20	0
				1745	132322	19.61	20	0
				1777.5	132647	19.50	20	0
			12	1712.5	131997	19.33	20	0
				1745	132322	19.33	20	0
				1777.5	132647	19.32	20	0
			24	1712.5	131997	19.51	20	0
				1745	132322	19.17	20	0
				1777.5	132647	19.20	20	0
		12 RB	0	1712.5	131997	18.45	19	0-1
				1745	132322	18.43	19	0-1
				1777.5	132647	18.63	19	0-1
			6	1712.5	131997	18.51	19	0-1
				1745	132322	18.62	19	0-1
				1777.5	132647	18.62	19	0-1
			13	1712.5	131997	18.52	19	0-1
				1745	132322	18.52	19	0-1
				1777.5	132647	18.76	19	0-1
		25RB		1712.5	131997	18.45	19	0-1
				1745	132322	18.33	19	0-1
				1777.5	132647	18.52	19	0-1
	16-QAM	1 RB	0	1712.5	131997	18.56	19	0-1
				1745	132322	18.03	19	0-1
				1777.5	132647	18.62	19	0-1
			12	1712.5	131997	18.20	19	0-1
				1745	132322	18.74	19	0-1
				1777.5	132647	18.34	19	0-1
			24	1712.5	131997	18.85	19	0-1
				1745	132322	18.92	19	0-1
				1777.5	132647	18.84	19	0-1
		12 RB	0	1712.5	131997	17.24	18	0-2
				1745	132322	17.38	18	0-2
				1777.5	132647	17.77	18	0-2
			6	1712.5	131997	17.19	18	0-2
				1745	132322	17.28	18	0-2
				1777.5	132647	17.58	18	0-2
			13	1712.5	131997	17.44	18	0-2
				1745	132322	17.73	18	0-2
				1777.5	132647	17.54	18	0-2
		25RB		1712.5	131997	17.71	18	0-2
				1745	132322	17.68	18	0-2
				1777.5	132647	17.47	18	0-2
	64-QAM	1 RB	0	1712.5	131997	18.93	19	0-1
				1745	132322	18.83	19	0-1
				1777.5	132647	18.48	19	0-1
			12	1712.5	131997	18.47	19	0-1
				1745	132322	18.57	19	0-1
				1777.5	132647	18.60	19	0-1
			24	1712.5	131997	18.85	19	0-1
				1745	132322	18.58	19	0-1
				1777.5	132647	18.36	19	0-1
		12 RB	0	1712.5	131997	17.91	18	0-2
				1745	132322	17.70	18	0-2
				1777.5	132647	17.62	18	0-2
			6	1712.5	131997	17.53	18	0-2
				1745	132322	17.90	18	0-2
				1777.5	132647	17.50	18	0-2
			13	1712.5	131997	17.12	18	0-2
				1745	132322	17.55	18	0-2
				1777.5	132647	17.32	18	0-2
		25RB		1712.5	131997	17.40	18	0-2
				1745	132322	17.39	18	0-2
				1777.5	132647	17.63	18	0-2

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14.3 Wi-Fi Output Power

According to KDB248227 D01 802.11 Wi-Fi SAR v02r02 section 4, the default power measurement procedures are:

1) Power must be measured at each transmit antenna port according to the DSSS and OFDM transmission configurations in each standalone and aggregated frequency band.

2) Power measurement is required for the transmission mode configuration with the highest maximum output power specified for production units.

a) When the same highest maximum output power specification applies to multiple transmission modes, the largest channel bandwidth configuration with the lowest order modulation and lowest data rate is measured.

b) When the same highest maximum output power is specified for multiple largest channel bandwidth configurations with the same lowest order modulation or lowest order modulation and lowest data rate, power measurement is required for all equivalent 802.11 configurations with the same maximum output power.

3) For each transmission mode configuration, power must be measured for the highest and lowest channels; and at the mid-band channel(s) when there are at least 3 channels. For configurations with multiple mid-band channels, due to an even number of channels, both channels should be measured.

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14.4 Wi-Fi (2.4GHz Band)

Band	Channel No.	Frequency (MHz)	Average power(dBm)	Tune up power(dBm)
802.11b	1	2412	16.25	16.5
	6	2437	16.22	16.5
	11	2462	16.09	16.5
802.11g	1	2412	14.4	15.5
	6	2437	14.21	15.5
	11	2462	14.14	15.5
802.11n HT20	1	2412	14.46	15.5
	6	2437	14.26	15.5
	11	2462	14.22	15.5
802.11n HT40	3	2422	14.56	15.5
	6	2442	14.37	15.5
	9	2462	14.61	15.5

Note(s):

1. Output Power and SAR is not required for 802.11 g/n HT20/n HT40 channels when 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.

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14.5 Wi-Fi (5GHz Band)

5.2GHz WLAN				
Band	Channel No.	Frequency (MHz)	Average power(dBm)	Tune up power(dBm)
802.11a	36	5180	11.51	12.00
	40	5200	11.79	12.00
	44	5220	11.49	12.00
	48	5240	11.74	12.00
802.11n HT20	36	5180	11.77	12.00
	40	5200	11.63	12.00
	44	5220	11.76	12.00
	48	5240	11.57	12.00
802.11n HT40	38	5190	11.56	12.00
	46	5230	11.76	12.00
802.11ac VHT20	36	5180	11.70	12.00
	40	5200	11.69	12.00
	44	5220	11.71	12.00
	48	5240	11.75	12.00
802.11ac VHT40	38	5190	11.80	12.00
	46	5230	11.74	12.00
802.11ac VHT80	42	5210	10.97	11.00

5.3GHz WLAN				
Band	Channel No.	Frequency (MHz)	Average power(dBm)	Tune up power(dBm)
802.11a	52	5260	11.53	12.00
	56	5280	11.74	12.00
	60	5300	11.55	12.00
	64	5320	11.54	12.00
802.11n HT20	52	5260	11.56	12.00
	56	5280	11.66	12.00
	60	5300	11.53	12.00
	64	5320	11.41	12.00
802.11n HT40	54	5270	11.75	12.00
	62	5310	11.64	12.00
802.11ac VHT20	52	5260	11.75	12.00
	56	5280	11.47	12.00
	60	5300	11.81	12.00
	64	5320	11.52	12.00
802.11ac VHT40	54	5270	11.82	12.00
	62	5310	11.74	12.00
802.11ac VHT80	58	5290	10.82	11.00

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Note(s):

1. When the specified maximum output power is the same for both UNII band I and UNII band 2A, begin SAR measurement in UNII band 2A; and if the highest reported SAR for UNII band 2A is
   1.1 ≤ 1.2 W/kg, SAR is not required for UNII band I.
   1.2 > 1.2 W/kg, both bands should be tested independently for SAR.
2. Output Power and SAR measurement is not required for 802.11a / n HT20/n HT40/802.11ac20/802.11ac80 channels when the specified maximum tune-up powers are less or same with 802.11ac 40 .

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5.5GHz WLAN				
Band	Channel No.	Frequency (MHz)	Average power(dBm)	Tune up power(dBm)
802.11a	100	5500	10.81	11.00
	116	5580	10.68	11.00
	124	5620	10.53	11.00
	132	5660	10.66	11.00
	140	5700	10.79	11.00
	144	5720	10.84	11.00
802.11n HT20	100	5500	10.82	11.00
	116	5580	10.74	11.00
	124	5620	10.60	11.00
	132	5660	10.67	11.00
	140	5700	10.76	11.00
	144	5720	10.85	11.00
802.11n HT40	102	5510	10.72	11.00
	110	5550	10.62	11.00
	126	5630	10.70	11.00
	134	5670	10.77	11.00
	142	5710	10.87	11.00
802.11ac VHT20	100	5500	10.62	11.00
	116	5580	10.88	11.00
	124	5620	10.55	11.00
	132	5660	10.45	11.00
	140	5700	10.56	11.00
	144	5720	10.58	11.00
802.11ac VHT40	102	5510	10.64	11.00
	110	5550	10.89	11.00
	126	5630	10.82	11.00
	134	5670	10.85	11.00
	142	5710	10.85	11.00
802.11ac VHT80	106	5530	9.79	10.00
	122	5610	9.85	10.00
	138	5690	9.75	10.00

Note(s):

1. Output Power and SAR measurement is not required for 802.11a / n HT20/n HT40/802.11ac20/802.11ac80 channels when the specified maximum tune-up powers are less or same with 802.11ac 40 .

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5.8GHz WLAN				
Band	Channel No.	Frequency (MHz)	Average power(dBm)	Tune up power(dBm)
802.11a	149	5745	11.00	11.50
	157	5785	11.46	11.50
	165	5825	11.44	11.50
802.11n HT20	149	5745	10.92	11.50
	157	5785	10.98	11.50
	165	5825	11.32	11.50
	151	5755	11.12	11.50
	159	5795	11.34	11.50
802.11ac VHT20	149	5745	11.42	11.50
	157	5785	11.25	11.50
	165	5825	11.14	11.50
802.11ac VHT40	151	5755	11.41	11.50
	159	5795	11.47	11.50
802.11ac VHT80	155	5775	10.24	10.50

Note(s):

1. Output Power and SAR measurement is not required for 802.11a / n HT20/n HT40/802.11ac20/802.11ac80 channels when the specified maximum tune-up powers are less or same with 802.11ac 40 .

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14.6 Bluetooth

2.4 GHz Bluetooth				
Band	Channel No.	Frequency (MHz)	Average power(dBm)	Tune up power(dBm)
BT 1Mbps	0	2402	8.3	10
	19	2440	9.57	10
	39	2480	8.12	10
BT EDR 3Mbps	0	2402	6.31	8
	19	2440	7.46	8
	39	2480	6.1	8
BLE	0	2402	-0.21	1
	19	2440	0.67	1
	39	2480	-0.61	1

Per exclusion calculations in Section 9, SAR testing for Bluetooth is not required.

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15 SAR Measurements Results

15.1 WWAN

Test Mode	Band	Mode	Dist. (mm)	Test Position	Ch#	Freq. (MHz)	Power (dBm)		Zoom Scan 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Sensor	Plot No.
							Tune up limit	Meas.				
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Back	9262	1852.4	18.50	18.44	0.890	0.902	On	
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Back	9400	1880	18.50	18.40	1.140	1.167	On	1
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Back	9538	1907.6	18.50	18.42	1.110	1.131	On	
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Edge 3	9262	1852.4	18.50	18.44	0.413	0.419	On	
FCC & IC	WCDMA Band II	RMC 12.2kbps	10	Back	9262	1852.4	23.00	22.24	0.882	1.051	Off	
FCC & IC	WCDMA Band II	RMC 12.2kbps	10	Back	9400	1880	23.00	22.24	0.826	0.984	Off	
FCC & IC	WCDMA Band II	RMC 12.2kbps	10	Back	9538	1907.6	23.00	22.24	0.749	0.892	Off	
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Edge 1	9262	1852.4	23.00	22.24	0.144	0.172	Off	
FCC & IC	WCDMA Band II	RMC 12.2kbps	5	Edge 3	9262	1852.4	23.00	22.24	0.655	0.780	Off	
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Edge 4	9262	1852.4	23.00	22.24	0.703	0.837	Off	
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Edge 4	9400	1880	23.00	22.08	0.609	0.753	Off	
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Edge 4	9538	1907.6	23.00	22.06	0.566	0.703	Off	
FCC & IC	WCDMA Band IV	RMC 12.2kbps	0	Back	1412	1732.4	20.00	19.54	0.868	0.965	On	
FCC & IC	WCDMA Band IV	RMC 12.2kbps	0	Back	1312	1712.4	20.00	19.35	0.854	0.992	On	2
FCC & IC	WCDMA Band IV	RMC 12.2kbps	0	Back	1513	1752.6	20.00	19.44	0.865	0.984	On	
FCC & IC	WCDMA Band IV	RMC 12.2kbps	10	Back	1412	1732.4	23.00	22.13	0.635	0.776	Off	
FCC & IC	WCDMA Band IV	RMC 12.2kbps	0	Edge 1	1412	1732.4	23.00	22.13	0.014	0.017	Off	
FCC & IC	WCDMA Band IV	RMC 12.2kbps	0	Edge 3	1412	1732.4	23.00	22.13	0.456	0.557	Off	
FCC & IC	WCDMA Band IV	RMC 12.2kbps	0	Edge 4	1412	1732.4	23.00	22.13	0.607	0.742	Off	
FCC & IC	WCDMA Band V	RMC 12.2kbps	0	Back	4183	836.6	24.00	23.96	0.700	0.706	Off	
FCC & IC	WCDMA Band V	RMC 12.2kbps	0	Edge 1	4183	836.6	24.00	23.96	0.117	0.118	Off	
FCC & IC	WCDMA Band V	RMC 12.2kbps	0	Edge 2	4183	836.6	24.00	23.96	0.054	0.055	Off	
FCC & IC	WCDMA Band V	RMC 12.2kbps	0	Edge 3	4183	836.6	24.00	23.96	0.183	0.185	Off	
FCC & IC	WCDMA Band V	RMC 12.2kbps	0	Edge 4	4183	836.6	24.00	23.96	0.720	0.727	Off	3

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Test Mode	Band	Mode	Dist. (mm)	Test Position	Ch#	Freq. (MHz)	Power (dBm)		Zoom Scan 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Sensor	Plot No.
							Tune up limit	Meas.				
FCC & IC	LTE Band 2	QPSK 20M	0	Back	19100	1900	18.50	18.31	0.851	0.889	On	
FCC & IC	LTE Band 2	QPSK 20M	0	Back	18700	1860	18.50	18.07	0.690	0.762	On	
FCC & IC	LTE Band 2	QPSK 20M	0	Back	18900	1880	18.50	18.26	0.817	0.863	On	
FCC & IC	LTE Band 2	QPSK 20M	0	Back	19100	1900	17.50	17.49	0.620	0.621	On	
FCC & IC	LTE Band 2	QPSK 20M	0	Back	19100	1900	17.50	16.84	0.635	0.739	On	
FCC & IC	LTE Band 2	QPSK 20M	0	Edge 3	19100	1900	18.50	18.31	0.447	0.467	On	
FCC & IC	LTE Band 2	QPSK 20M	0	Edge 3	19100	1900	17.50	17.49	0.325	0.326	On	
FCC & IC	LTE Band 2	QPSK 20M	10	Back	19100	1900	23.00	22.92	0.954	0.972	On	
FCC & IC	LTE Band 2	QPSK 20M	10	Back	18700	1860	23.00	22.84	0.870	0.903	On	
FCC & IC	LTE Band 2	QPSK 20M	10	Back	18900	1880	23.00	22.85	0.953	0.986	On	4
FCC & IC	LTE Band 2	QPSK 20M	10	Back	19100	1900	22.00	21.46	0.746	0.845	Off	
FCC & IC	LTE Band 2	QPSK 20M	10	Back	18700	1860	22.00	21.44	0.621	0.706	Off	
FCC & IC	LTE Band 2	QPSK 20M	10	Back	18900	1880	22.00	21.34	0.660	0.768	Off	
FCC & IC	LTE Band 2	QPSK 20M	10	Back	19100	1900	22.00	21.59	0.771	0.847	Off	
FCC & IC	LTE Band 2	QPSK 20M	0	Edge 1	19100	1900	23.00	22.92	0.078	0.079	Off	
FCC & IC	LTE Band 2	QPSK 20M	0	Edge 1	19100	1900	22.00	21.46	0.060	0.068	Off	
FCC & IC	LTE Band 2	QPSK 20M	5	Edge 3	19100	1900	23.00	22.92	0.494	0.503	Off	
FCC & IC	LTE Band 2	QPSK 20M	5	Edge 3	19100	1900	22.00	21.46	0.375	0.425	Off	
FCC & IC	LTE Band 2	QPSK 20M	0	Edge 4	19100	1900	23.00	22.92	0.725	0.738	Off	
FCC & IC	LTE Band 2	QPSK 20M	0	Edge 4	19100	1900	22.00	21.46	0.542	0.614	Off	
FCC & IC	LTE Band 4	QPSK 20M	0	Back	20175	1732.5	20.00	19.63	0.802	0.873	On	5
FCC & IC	LTE Band 4	QPSK 20M	0	Back	20175	1732.5	19.00	18.77	0.578	0.609	On	
FCC & IC	LTE Band 4	QPSK 20M	0	Back	20175	1732.5	19.00	17.99	0.585	0.738	On	
FCC & IC	LTE Band 4	QPSK 20M	10	Back	20175	1732.5	23.00	22.31	0.387	0.454	Off	
FCC & IC	LTE Band 4	QPSK 20M	10	Back	20175	1732.5	22.00	21.24	0.313	0.373	Off	
FCC & IC	LTE Band 4	QPSK 20M	0	Edge 1	20175	1732.5	23.00	22.31	0.03	0.035	Off	
FCC & IC	LTE Band 4	QPSK 20M	0	Edge 1	20175	1732.5	22.00	21.24	0.02	0.028	Off	
FCC & IC	LTE Band 4	QPSK 20M	0	Edge 3	20175	1732.5	23.00	22.31	0.612	0.717	Off	
FCC & IC	LTE Band 4	QPSK 20M	0	Edge 3	20175	1732.5	22.00	21.24	0.508	0.605	Off	
FCC & IC	LTE Band 4	QPSK 20M	0	Edge 4	20175	1732.5	23.00	22.31	0.511	0.599	Off	
FCC & IC	LTE Band 4	QPSK 20M	0	Edge 4	20175	1732.5	22.00	21.24	0.422	0.503	Off	
FCC & IC	LTE Band 5	QPSK 10M	0	Back	20525	836.5	24.00	23.74	0.748	0.794	Off	
FCC & IC	LTE Band 5	QPSK 10M	0	Back	20525	836.5	23.00	22.77	0.592	0.624	Off	
FCC & IC	LTE Band 5	QPSK 10M	0	Edge 1	20525	836.5	24.00	23.74	0.130	0.138	Off	
FCC & IC	LTE Band 5	QPSK 10M	0	Edge 1	20525	836.5	23.00	22.77	0.060	0.064	Off	
FCC & IC	LTE Band 5	QPSK 10M	0	Edge 3	20525	836.5	24.00	23.74	0.191	0.203	Off	
FCC & IC	LTE Band 5	QPSK 10M	0	Edge 3	20525	836.5	23.00	22.77	0.150	0.158	Off	
FCC & IC	LTE Band 5	QPSK 10M	0	Edge 4	20525	836.5	24.00	23.74	1.060	1.125	Off	6
FCC & IC	LTE Band 5	QPSK 10M	0	Edge 4	20525	836.5	23.00	22.77	0.901	0.950	Off	
FCC & IC	LTE Band 5	QPSK 10M	0	Edge 4	20525	836.5	23.00	22.67	0.856	0.924	Off	

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Test Mode	Band	Mode	Dist. (mm)	Test Position	Ch#	Freq. (MHz)	Power (dBm)		Zoom Scan 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Sensor	Plot No.
							Tune up limit	Meas.				
FCC & IC	LTE Band 7	QPSK 20M	0	Back	20850	2510	18.50	18.47	0.288	0.290	On	
FCC & IC	LTE Band 7	QPSK 20M	0	Back	20850	2510	17.50	17.44	0.319	0.323	On	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 4	20850	2510	18.50	18.47	0.869	0.875	On	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 4	21100	2535	18.50	18.44	0.802	0.813	On	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 4	21350	2560	18.50	18.45	0.730	0.738	On	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 4	20850	2510	17.50	17.44	0.866	0.878	On	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 4	21100	2535	17.50	17.00	0.562	0.631	On	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 4	21350	2560	17.50	16.93	0.679	0.774	On	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 4	20850	2510	17.50	16.86	0.809	0.937	On	
FCC & IC	LTE Band 7	QPSK 20M	10	Back	20850	2510	23.50	23.49	0.354	0.355	Off	
FCC & IC	LTE Band 7	QPSK 20M	10	Back	20850	2510	22.50	22.46	0.283	0.286	Off	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 1	20850	2510	23.50	23.49	0.034	0.034	Off	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 1	20850	2510	22.50	22.46	0.026	0.027	Off	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 3	20850	2510	23.50	23.49	0.533	0.534	Off	
FCC & IC	LTE Band 7	QPSK 20M	0	Edge 3	20850	2510	22.50	22.46	0.432	0.436	Off	
FCC & IC	LTE Band 7	QPSK 20M	5	Edge 4	20850	2510	23.50	23.49	0.921	0.923	Off	
FCC & IC	LTE Band 7	QPSK 20M	5	Edge 4	21100	2535	23.50	23.44	0.945	0.958	Off	
FCC & IC	LTE Band 7	QPSK 20M	5	Edge 4	21350	2560	23.50	23.47	1.110	1.118	Off	7
FCC & IC	LTE Band 7	QPSK 20M	5	Edge 4	20850	2510	22.50	22.46	0.762	0.769	Off	
FCC & IC	LTE Band 7	QPSK 20M	5	Edge 4	20850	2510	22.50	22.49	0.751	0.753	Off	
FCC & IC	LTE Band 12	QPSK 10M	0	Back	23095	707.5	23.00	22.77	0.417	0.440	Off	
FCC & IC	LTE Band 12	QPSK 10M	0	Back	23095	707.5	22.00	21.64	0.313	0.340	Off	
FCC & IC	LTE Band 12	QPSK 10M	0	Edge 1	23095	707.5	23.00	22.77	0.035	0.037	Off	
FCC & IC	LTE Band 12	QPSK 10M	0	Edge 1	23095	707.5	22.00	21.64	0.028	0.031	Off	
FCC & IC	LTE Band 12	QPSK 10M	0	Edge 3	23095	707.5	23.00	22.77	0.082	0.086	Off	
FCC & IC	LTE Band 12	QPSK 10M	0	Edge 3	23095	707.5	22.00	21.64	0.064	0.070	Off	
FCC & IC	LTE Band 12	QPSK 10M	0	Edge 4	23095	707.5	23.00	22.77	0.472	0.498	Off	8
FCC & IC	LTE Band 12	QPSK 10M	0	Edge 4	23095	707.5	22.00	21.64	0.405	0.440	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Back	23230	782	23.00	22.75	0.964	1.021	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Back	23230	782	22.00	21.64	0.737	0.801	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Back	23230	782	22.00	21.59	0.639	0.702	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 1	23230	782	23.00	22.75	0.171	0.181	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 1	23230	782	22.00	21.64	0.113	0.123	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 3	23230	782	23.00	22.75	0.137	0.145	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 3	23230	782	22.00	21.64	0.109	0.118	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 4	23230	782	23.00	22.75	1.060	1.123	Off	9
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 4	23230	782	22.00	21.64	0.936	1.017	Off	
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 4	23230	782	22.00	21.59	0.800	0.879	Off	

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Test Mode	Band	Mode	Dist. (mm)	Test Position	Ch#	Freq. (MHz)	Power (dBm)		Zoom Scan 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Sensor	Plot No.
							Tune up limit	Meas.				
FCC & IC	LTE Band 14	QPSK 10M	0	Back	23330	793	23.00	22.62	0.876	0.956	Off	
FCC & IC	LTE Band 14	QPSK 10M	0	Back	23330	793	22.00	21.48	0.674	0.760	Off	
FCC & IC	LTE Band 14	QPSK 10M	0	Back	23330	793	22.00	21.36	0.676	0.783	Off	
FCC & IC	LTE Band 14	QPSK 10M	0	Edge 1	23330	793	23.00	22.62	0.191	0.208	Off	
FCC & IC	LTE Band 14	QPSK 10M	0	Edge 1	23330	793	22.00	21.48	0.132	0.149	Off	
FCC & IC	LTE Band 14	QPSK 10M	0	Edge 3	23330	793	23.00	22.62	0.205	0.224	Off	
FCC & IC	LTE Band 14	QPSK 10M	0	Edge 3	23330	793	22.00	21.48	0.129	0.145	Off	
FCC & IC	LTE Band 14	QPSK 10M	0	Edge 4	23330	793	23.00	22.62	0.972	1.061	Off	10
FCC & IC	LTE Band 14	QPSK 10M	0	Edge 4	23330	793	22.00	21.48	0.787	0.887	Off	
FCC & IC	LTE Band 14	QPSK 10M	0	Edge 4	23330	793	22.00	21.36	0.746	0.864	Off	
FCC & IC	LTE Band 17	QPSK 10M	0	Back	23790	710	23.00	22.77	0.503	0.530	Off	
FCC & IC	LTE Band 17	QPSK 10M	0	Back	23790	710	22.00	21.58	0.374	0.412	Off	
FCC & IC	LTE Band 17	QPSK 10M	0	Edge 1	23790	710	23.00	22.77	0.040	0.042	Off	
FCC & IC	LTE Band 17	QPSK 10M	0	Edge 1	23790	710	22.00	21.58	0.060	0.067	Off	
FCC & IC	LTE Band 17	QPSK 10M	0	Edge 3	23790	710	23.00	22.77	0.039	0.042	Off	
FCC & IC	LTE Band 17	QPSK 10M	0	Edge 3	23790	710	22.00	21.58	0.030	0.033	Off	
FCC & IC	LTE Band 17	QPSK 10M	0	Edge 4	23790	710	23.00	22.77	0.709	0.748	Off	11
FCC & IC	LTE Band 17	QPSK 10M	0	Edge 4	23790	710	22.00	21.58	0.527	0.581	Off	
FCC & IC	LTE Band 25	QPSK 20M	0	Back	26365	1882.5	18.50	18.33	0.895	0.931	On	
FCC & IC	LTE Band 25	QPSK 20M	0	Back	26140	1860	18.50	18.21	0.762	0.815	On	
FCC & IC	LTE Band 25	QPSK 20M	0	Back	26590	1905	18.50	18.09	0.972	1.068	On	12
FCC & IC	LTE Band 25	QPSK 20M	0	Back	26590	1905	17.50	17.48	0.659	0.662	On	
FCC & IC	LTE Band 25	QPSK 20M	0	Back	26590	1905	17.50	16.94	0.678	0.771	On	
FCC & IC	LTE Band 25	QPSK 20M	0	Edge 3	26365	1882.5	18.50	18.33	0.485	0.504	On	
FCC & IC	LTE Band 25	QPSK 20M	0	Edge 3	26590	1905	17.50	17.48	0.356	0.358	On	
FCC & IC	LTE Band 25	QPSK 20M	10	Back	26365	1882.5	23.00	22.72	0.878	0.936	Off	
FCC & IC	LTE Band 25	QPSK 20M	10	Back	26140	1860	23.00	22.65	0.762	0.826	Off	
FCC & IC	LTE Band 25	QPSK 20M	10	Back	26590	1905	23.00	22.66	0.972	1.051	Off	
FCC & IC	LTE Band 25	QPSK 20M	10	Back	26590	1905	22.00	21.65	0.718	0.778	Off	
FCC & IC	LTE Band 25	QPSK 20M	10	Back	26590	1905	22.00	21.71	0.668	0.714	Off	
FCC & IC	LTE Band 25	QPSK 20M	0	Edge 1	26365	1882.5	23.00	22.72	0.075	0.080	Off	
FCC & IC	LTE Band 25	QPSK 20M	0	Edge 1	26590	1905	22.00	21.65	0.068	0.074	Off	
FCC & IC	LTE Band 25	QPSK 20M	5	Edge 3	26365	1882.5	23.00	22.72	0.490	0.523	Off	
FCC & IC	LTE Band 25	QPSK 20M	5	Edge 3	26590	1905	22.00	21.65	0.527	0.571	Off	
FCC & IC	LTE Band 25	QPSK 20M	0	Edge 4	26365	1882.5	23.00	22.72	0.740	0.789	Off	
FCC & IC	LTE Band 25	QPSK 20M	0	Edge 4	26590	1905	22.00	21.65	0.548	0.594	Off	

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Test Mode	Band	Mode	Dist. (mm)	Test Position	Ch#	Freq. (MHz)	Power (dBm)		Zoom Scan 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Sensor	Plot No.
							Tune up limit	Meas.				
FCC & IC	LTE Band 26	QPSK 15M	0	Back	26865	831.5	24.00	23.88	0.924	0.950	Off	
FCC & IC	LTE Band 26	QPSK 15M	0	Back	26865	831.5	23.00	22.79	0.688	0.722	Off	
FCC & IC	LTE Band 26	QPSK 15M	0	Back	26865	831.5	23.00	22.46	0.699	0.792	Off	
FCC & IC	LTE Band 26	QPSK 15M	0	Edge 1	26865	831.5	24.00	23.88	0.214	0.220	Off	
FCC & IC	LTE Band 26	QPSK 15M	0	Edge 1	26865	831.5	23.00	22.79	0.136	0.143	Off	
FCC & IC	LTE Band 26	QPSK 15M	0	Edge 3	26865	831.5	24.00	23.88	0.222	0.228	Off	
FCC & IC	LTE Band 26	QPSK 15M	0	Edge 3	26865	831.5	23.00	22.79	0.190	0.199	Off	
FCC & IC	LTE Band 26	QPSK 15M	0	Edge 4	26865	831.5	24.00	23.88	1.140	1.172	Off	13
FCC & IC	LTE Band 26	QPSK 15M	0	Edge 4	26865	831.5	23.00	22.79	0.905	0.950	Off	
FCC & IC	LTE Band 26	QPSK 15M	0	Edge 4	26865	831.5	23.00	22.46	0.852	0.965	Off	
FCC & IC	LTE Band 41	QPSK 20M	0	Back	40620	2593	18.50	18.48	0.112	0.113	On	
FCC & IC	LTE Band 41	QPSK 20M	0	Back	40620	2593	17.50	17.47	0.092	0.092	On	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 4	40620	2593	18.50	18.48	0.28	0.280	On	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 4	40620	2593	17.50	17.47	0.22	0.222	On	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 4	39750	2506	18.50	18.39	0.33	0.334	On	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 4	40185	2549.5	18.50	18.17	0.274	0.296	On	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 4	41055	2636.5	18.50	18.36	0.322	0.333	On	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 4	41490	2680	18.50	18.47	0.346	0.348	On	
FCC & IC	LTE Band 41	QPSK 20M	10	Back	40620	2593	23.50	23.22	0.135	0.144	Off	
FCC & IC	LTE Band 41	QPSK 20M	10	Back	40620	2593	22.50	23.22	0.122	0.103	Off	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 1	40620	2593	23.50	23.22	0.017	0.018	Off	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 1	40620	2593	22.50	23.22	0.012	0.010	Off	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 3	40620	2593	23.50	23.22	0.188	0.201	Off	
FCC & IC	LTE Band 41	QPSK 20M	0	Edge 3	40620	2593	22.50	23.22	0.150	0.127	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	40620	2593	23.50	23.22	0.33	0.353	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	40620	2593	22.50	23.22	0.30	0.251	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	39750	2506	23.50	23.17	0.26	0.282	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	39750	2506	22.50	21.08	0.24	0.326	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	40185	2549.5	23.50	23.08	0.22	0.237	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	40185	2549.5	22.50	21.75	0.18	0.209	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	41055	2636.5	23.50	23.07	0.70	0.775	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	41055	2636.5	22.50	21.73	0.59	0.706	Off	
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	41490	2680	23.50	23.15	1.08	1.171	Off	14
FCC & IC	LTE Band 41	QPSK 20M	5	Edge 4	41490	2680	22.50	21.74	0.83	0.989	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Back	132572	1770	20.00	19.88	0.706	0.726	On	
FCC & IC	LTE Band 66	QPSK 20M	0	Back	132572	1770	19.00	18.89	0.549	0.563	On	
FCC & IC	LTE Band 66	QPSK 20M	10	Back	132572	1770	23.00	22.75	0.382	0.405	Off	
FCC & IC	LTE Band 66	QPSK 20M	10	Back	132572	1770	22.00	21.81	0.320	0.334	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 1	132572	1770	23.00	22.75	0.072	0.077	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 1	132572	1770	22.00	21.81	0.061	0.064	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 3	132572	1770	23.00	22.75	0.877	0.929	Off	15
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 3	132572	1770	22.00	21.81	0.732	0.765	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 3	132572	1770	22.00	21.67	0.792	0.855	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 3	132072	1720	23.00	22.71	0.650	0.695	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 3	132322	1745	23.00	22.68	0.708	0.762	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 4	132572	1770	23.00	22.75	0.578	0.612	Off	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 4	132572	1770	22.00	21.81	0.483	0.505	Off	
FCC & IC	LTE Band 71	QPSK 20M	0	Back	133222	673	23.00	22.96	0.065	0.066	Off	
FCC & IC	LTE Band 71	QPSK 20M	0	Back	133222	673	22.00	21.89	0.043	0.044	Off	
FCC & IC	LTE Band 71	QPSK 20M	0	Edge 1	133222	673	23.00	22.96	0.052	0.052	Off	
FCC & IC	LTE Band 71	QPSK 20M	0	Edge 1	133222	673	22.00	21.89	0.039	0.040	Off	
FCC & IC	LTE Band 71	QPSK 20M	0	Edge 3	133222	673	23.00	22.96	0.065	0.066	Off	
FCC & IC	LTE Band 71	QPSK 20M	0	Edge 3	133222	673	22.00	21.89	0.032	0.033	Off	
FCC & IC	LTE Band 71	QPSK 20M	0	Edge 4	133222	673	23.00	22.96	0.507	0.512	Off	16
FCC & IC	LTE Band 71	QPSK 20M	0	Edge 4	133222	673	22.00	21.89	0.451	0.463	Off	

Note(s):

1. Accoeding to KDB 941225 D05v02r05, For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing; therefore, the requirement for H, M, and L channels may not fully apply

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15.2 WLAN

Test Mode	Band	Mode	Dist. (mm)	Test Position	Ch#	Freq. (MHz)	Power (dBm)		Duty Cycle (%)	Zoom Scan 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.
							Tune up limit	Meas.				
FCC & IC	WLAN2.4GHz	IEEE 802.11b 1Mbps	0	Back	1	2412	16.50	16.25	100.00	0.325	0.344	
FCC & IC	WLAN2.4GHz	IEEE 802.11b 1Mbps	0	Edge 1	1	2412	16.50	16.25	100.00	1.030	1.091	17
FCC & IC	WLAN2.4GHz	IEEE 802.11b 1Mbps	0	Edge 1	6	2437	16.50	16.22	100.00	0.835	0.891	
FCC & IC	WLAN2.4GHz	IEEE 802.11b 1Mbps	0	Edge 1	11	2462	16.50	16.09	100.00	0.691	0.759	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Back	54	5270	12.00	11.82	100.00	0.271	0.282	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	54	5270	12.00	11.82	100.00	0.796	0.830	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	62	5310	12.00	11.74	100.00	0.935	0.993	18
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Back	110	5550	11.00	10.89	100.00	0.161	0.165	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	110	5550	11.00	10.89	100.00	0.866	0.888	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	102	5510	11.00	10.64	100.00	0.800	0.869	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	126	5630	11.00	10.82	100.00	0.851	0.887	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	134	5670	11.00	10.85	100.00	0.899	0.931	19
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	142	5710	11.00	10.85	100.00	0.816	0.845	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Back	159	5795	11.50	11.47	100.00	0.162	0.163	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	159	5795	11.50	11.47	100.00	0.955	0.962	20
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	151	5755	11.50	11.41	100.00	0.913	0.932	
FCC & IC	Bluetooth		0	Back	39	2441	10.00	9.57	100.00	0.000	0.000	
FCC & IC	Bluetooth		0	Edge 1	39	2441	10.00	9.57	100.00	0.002	0.002	
FCC & IC	Bluetooth		0	Edge 1	0	2402	10.00	8.30	100.00	0.001	0.001	
FCC & IC	Bluetooth		0	Edge 1	78	2480	10.00	8.12	100.00	0.002	0.003	21

Note(s):

2. Highest reported SAR is > 0.8 W/kg. Added second highest power channel for this test position

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Report No.: T191105W01-SF

15.3 REPEATED SAR

WWAN

Test Mode	Band	Mode	Dist. (mm)	Test Position	Ch#	Freq. (MHz)	Power (dBm)		Zoom Scan 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Sensor	Plot No.	Ratio
							Tune up limit	Meas.					
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Back	9400	1880	18.50	18.40	1.140	1.167	On	Original	0.02
FCC & IC	WCDMA Band II	RMC 12.2kbps	0	Back	9400	1880	18.50	18.40	1.120	1.146	On	Repeat	
FCC & IC	LTE Band 26	QPSK 15M	0	Edge 4	26865	831.5	24.00	23.88	1.140	1.172	Off	Original	0.03
FCC & IC	LTE Band 26	QPSK 10M	0	Edge 4	26865	831.5	24.00	23.88	1.110	1.141	Off	Repeat	
FCC & IC	LTE Band 7	QPSK 20M	5	Edge 4	21350	2560	23.50	23.47	1.110	1.118	Off	Original	0.03
FCC & IC	LTE Band 7	QPSK 20M	5	Edge 4	21350	2560	23.50	23.47	1.080	1.087	Off	Repeat	
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 4	23230	782	23.00	22.75	1.060	1.123	Off	Original	0.00
FCC & IC	LTE Band 13	QPSK 10M	0	Edge 4	23230	782	23.00	22.75	1.060	1.123	Off	Repeat	
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 3	132572	1770	23.00	22.75	0.877	0.929	Off	Original	0.01
FCC & IC	LTE Band 66	QPSK 20M	0	Edge 3	132572	1770	23.00	22.75	0.866	0.917	Off	Repeat	

WLAN

Test Mode	Band	Mode	Dist. (mm)	Test Position	Ch#	Freq. (MHz)	Power (dBm)		Zoom Scan 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Ratio
							Tune up limit	Meas.				
FCC & IC	WLAN2.4GHz	IEEE 802.11b 1Mbps	0	Edge 1	1	2412	16.50	16.25	1.030	1.091	Original	0.03
FCC & IC	WLAN2.4GHz	IEEE 802.11b 1Mbps	0	Edge 1	1	2412	16.50	16.25	1.000	1.059	Repeat	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	62	5310	16.50	16.25	0.935	0.990	Original	0.04
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	62	5310	12.00	11.74	0.899	0.954	Repeat	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	134	5670	11.00	10.85	0.899	0.931	Original	0.02
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	134	5670	11.00	10.85	0.877	0.908	Repeat	
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	159	5795	11.50	11.47	0.955	0.962	Original	0.07
FCC & IC	WLAN5GHz	IEEE 802.11ac VHT40 MCS0	0	Edge 1	159	5795	11.50	11.47	0.891	0.897	Repeat	

Note(s):

1. Repeated measurements are required only when the measured SAR is ≥0.80 W/kg. If the measured SAR values are < 1.45 W/kg with ≤20% variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns. (Per KDB 865664 D01 SAR measurement 100 MHz to 6 GHz v01r04)
   1.1 Repeat SAR < 1.45 W/kg only one repeated measurement is required
   1.2 SAR variation < 20%

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16 Simultaneous Transmission SAR Analysis

KDB 447498 D01 General RF Exposure Guidance v06, introduces a new formula for calculating the SAR to Peak Location Ratio (SPLSR) between pairs of simultaneously transmitting antennas:

$$SPLSR = (SAR_1 + SAR_2)^{1.5} / R_i$$

Where:

SAR₁ is the highest Reported or estimated SAR for the first of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition

SAR₂ is the highest Reported or estimated SAR for the second of a pair of simultaneous transmitting antennas, in the same test operating mode and exposure condition as the first

Rᵢ is the separation distance between the pair of simultaneous transmitting antennas. When the SAR is measured, for both antennas in the pair, it is determined by the actual x, y and z coordinates in the 1-g SAR for each SAR peak location, based on the extrapolated and interpolated result in the zoom scan measurement, using the formula of $[(x_1-x_2)^2 + (y_1-y_2)^2 + (z_1-z_2)^2]$

A new threshold of 0.04 is also introduced in the KDB. Thus, in order for a pair of simultaneous transmitting antennas with the sum of 1-g SAR > 1.6 W/kg to qualify for exemption from Simultaneous Transmission SAR measurements, it has to satisfy the condition of:

$$(SAR_1 + SAR_2)^{1.5} / R_i \leq 0.04$$

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16.1 Simultaneous Transmission Analysis

16.1.1 Sum of the SAR

Per KDB 447498 D01 section 4.3.2, the simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion.

Band	Test Position	Simulataneous Transmission Scenario				1+2 Summed 1g SAR(W/kg)	1+3 Summed 1g SAR(W/kg)	1+4 Summed 1g SAR(W/kg)	2+4 Summed 1g SAR(W/kg)	3+4 Summed 1g SAR(W/kg)	1+2+4 Summed 1g SAR(W/kg)	1+3+4 Summed 1g SAR(W/kg)
		1.WWAN 1g SAR (W/kg)	2.Wi-Fi 2.4 GHz 1g SAR (W/kg)	3.Wi-Fi 5 GHz 1g SAR (W/kg)	4.Bluetooth 1g SAR (W/kg)							
WCDMA Band II	Back 10mm	1.051	0.344	0.282	0.000	1.395	1.333	1.05	0.34	0.282	1.39	1.33
	Edge 3 5mm	0.780	NA	NA	NA	0.780	0.780	0.78	NA	NA	0.78	0.78
	Back 0mm	1.167	0.344	0.282	0.000	1.511	1.449	1.17	0.34	0.283	1.51	1.45
	Edge 1 0mm	0.172	1.091	0.993	0.003	1.263	1.164	0.17	1.09	0.996	1.27	1.17
	Edge 3 0mm	0.419	NA	NA	NA	0.419	0.419	0.42	NA	NA	0.42	0.42
	Edge 4 0mm	0.837	NA	NA	NA	0.837	0.837	0.84	NA	NA	0.84	0.84
WCDMA Band IV	Back 10mm	0.776	0.344	0.282	0.000	1.120	1.058	0.78	0.34	0.282	1.12	1.06
	Back 0mm	0.992	0.344	0.282	0.000	1.336	1.274	0.99	0.34	0.283	1.34	1.27
	Edge 1 0mm	0.017	1.091	0.993	0.003	1.108	1.010	0.02	1.09	0.996	1.11	1.01
	Edge 3 0mm	0.557	NA	NA	NA	0.557	0.557	0.56	NA	NA	0.56	0.56
	Edge 4 0mm	0.742	NA	NA	NA	0.742	0.742	0.74	NA	NA	0.74	0.74
WCDMA Band V	Back 0mm	0.706	0.344	0.282	0.000	1.051	0.989	0.71	0.34	0.283	1.05	0.99
	Edge 1 0mm	0.118	1.091	0.993	0.003	1.209	1.111	0.12	1.09	0.996	1.21	1.11
	Edge 3 0mm	0.185	NA	NA	NA	0.185	0.185	0.18	NA	NA	0.18	0.18
	Edge 4 0mm	0.727	NA	NA	NA	0.727	0.727	0.73	NA	NA	0.73	0.73
LTE Band 2	Back 10mm	0.986	0.344	0.282	0.000	1.331	1.269	0.99	0.34	0.282	1.33	1.27
	Edge 3 5mm	0.503	NA	NA	NA	0.503	0.503	0.50	NA	NA	0.50	0.50
	Back 0mm	0.889	0.344	0.282	0.000	1.233	1.172	0.89	0.34	0.283	1.23	1.17
	Edge 1 0mm	0.079	1.091	0.993	0.003	1.170	1.072	0.08	1.09	0.996	1.17	1.07
	Edge 3 0mm	0.467	NA	NA	NA	0.467	0.467	0.47	NA	NA	0.47	0.47
	Edge 4 0mm	0.738	NA	NA	NA	0.738	0.738	0.74	NA	NA	0.74	0.74
LTE Band 4	Back 10mm	0.454	0.344	0.282	0.000	0.798	0.736	0.45	0.34	0.282	0.80	0.74
	Back 0mm	0.873	0.344	0.282	0.000	1.218	1.156	0.87	0.34	0.283	1.22	1.16
	Edge 1 0mm	0.035	1.091	0.993	0.003	1.126	1.028	0.04	1.09	0.996	1.13	1.03
	Edge 3 0mm	0.717	NA	NA	NA	0.717	0.717	0.72	NA	NA	0.72	0.72
	Edge 4 0mm	0.599	NA	NA	NA	0.599	0.599	0.60	NA	NA	0.60	0.60
LTE Band 5	Back 0mm	0.794	0.344	0.282	0.000	1.138	1.077	0.79	0.34	0.283	1.14	1.08
	Edge 1 0mm	0.138	1.091	0.993	0.003	1.229	1.131	0.14	1.09	0.996	1.23	1.13
	Edge 3 0mm	0.203	NA	NA	NA	0.203	0.203	0.20	NA	NA	0.20	0.20
	Edge 4 0mm	1.125	NA	NA	NA	1.125	1.125	1.13	NA	NA	1.13	1.13
LTE Band 7	Back 10mm	0.355	0.344	0.282	0.000	0.699	0.637	0.35	0.34	0.282	0.70	0.64
	Edge 4 5mm	1.118	NA	NA	NA	1.118	1.118	1.12	NA	NA	1.12	1.12
	Back 0mm	0.323	0.344	0.282	0.000	0.668	0.606	0.32	0.34	0.283	0.67	0.61
	Edge 1 0mm	0.034	1.091	0.993	0.003	1.126	1.027	0.04	1.09	0.996	1.13	1.03
	Edge 3 0mm	0.534	NA	NA	NA	0.534	0.534	0.53	NA	NA	0.53	0.53
	Edge 4 0mm	0.937	NA	NA	NA	0.937	0.937	0.94	NA	NA	0.94	0.94
LTE Band 12	Back 0mm	0.440	0.344	0.282	0.000	0.784	0.722	0.44	0.34	0.283	0.78	0.72
	Edge 1 0mm	0.037	1.091	0.993	0.003	1.128	1.029	0.04	1.09	0.996	1.13	1.03
	Edge 3 0mm	0.086	NA	NA	NA	0.086	0.086	0.09	NA	NA	0.09	0.09
	Edge 4 0mm	0.498	NA	NA	NA	0.498	0.498	0.50	NA	NA	0.50	0.50

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Band	Test Position	Simulataneous Transmission Scenario				1+2 Summed 1g SAR(W/kg)	1+3 Summed 1g SAR(W/kg)	1+4 Summed 1g SAR(W/kg)	2+4 Summed 1g SAR(W/kg)	3+4 Summed 1g SAR(W/kg)	1+2+4 Summed 1g SAR(W/kg)	1+3+4 Summed 1g SAR(W/kg)
		1.WWAN 1g SAR (W/kg)	2.Wi-Fi 2.4 GHz 1g SAR (W/kg)	3.Wi-Fi 5 GHz 1g SAR (W/kg)	4.Bluetooth 1g SAR (W/kg)							
LTE Band 13	Back 0mm	1.021	0.344	0.282	0.000	1.365	1.304	1.02	0.34	0.283	1.37	1.30
	Edge 1 0mm	0.181	1.091	0.993	0.003	1.272	1.174	0.18	1.09	0.996	1.28	1.18
	Edge 3 0mm	0.145	NA	NA	NA	0.145	0.145	0.15	NA	NA	0.15	0.15
	Edge 4 0mm	1.123	NA	NA	NA	1.123	1.123	1.12	NA	NA	1.12	1.12
LTE Band 14	Back 0mm	0.956	0.344	0.282	0.000	1.300	1.239	0.96	0.34	0.283	1.30	1.24
	Edge 1 0mm	0.208	1.091	0.993	0.003	1.299	1.201	0.21	1.09	0.996	1.30	1.20
	Edge 3 0mm	0.224	NA	NA	NA	0.224	0.224	0.22	NA	NA	0.22	0.22
	Edge 4 0mm	1.061	NA	NA	NA	1.061	1.061	1.06	NA	NA	1.06	1.06
LTE Band 17	Back 0mm	0.530	0.344	0.282	0.000	0.875	0.813	0.53	0.34	0.283	0.87	0.81
	Edge 1 0mm	0.067	1.091	0.993	0.003	1.158	1.059	0.07	1.09	0.996	1.16	1.06
	Edge 3 0mm	0.042	NA	NA	NA	0.042	0.042	0.04	NA	NA	0.04	0.04
	Edge 4 0mm	0.748	NA	NA	NA	0.748	0.748	0.75	NA	NA	0.75	0.75
LTE Band 25	Back 10mm	1.051	0.344	0.282	0.000	1.395	1.334	1.05	0.34	0.282	1.40	1.33
	Edge 3 5mm	0.571	NA	NA	NA	0.571	0.571	0.57	NA	NA	0.57	0.57
	Back 0mm	1.068	0.344	0.282	0.000	1.412	1.351	1.07	0.34	0.283	1.41	1.35
	Edge 1 0mm	0.080	1.091	0.993	0.003	1.171	1.073	0.08	1.09	0.996	1.17	1.08
	Edge 3 0mm	0.504	NA	NA	NA	0.504	0.504	0.50	NA	NA	0.50	0.50
	Edge 4 0mm	0.789	NA	NA	NA	0.789	0.789	0.79	NA	NA	0.79	0.79
LTE Band 26	Back 0mm	0.950	0.344	0.282	0.000	1.294	1.232	0.95	0.34	0.283	1.29	1.23
	Edge 1 0mm	0.220	1.091	0.993	0.003	1.311	1.213	0.22	1.09	0.996	1.31	1.22
	Edge 2 0mm	0.042	0.000	0.000	0.000	0.042	0.042	0.04	0.00	0.000	0.04	0.04
	Edge 3 0mm	0.228	NA	NA	NA	0.228	0.228	0.23	NA	NA	0.23	0.23
	Edge 4 0mm	1.172	NA	NA	NA	1.172	1.172	1.17	NA	NA	1.17	1.17
LTE Band 41	Back 10mm	0.144	0.344	0.282	0.000	0.488	0.426	0.14	0.34	0.282	0.49	0.43
	Edge 4 5mm	1.171	NA	NA	NA	1.171	1.171	1.17	NA	NA	1.17	1.17
	Back 0mm	0.113	0.344	0.282	0.000	0.457	0.395	0.11	0.34	0.283	0.46	0.40
	Edge 1 0mm	0.018	1.091	0.993	0.003	1.109	1.011	0.02	1.09	0.996	1.11	1.01
	Edge 3 0mm	0.201	NA	NA	NA	0.201	0.201	0.20	NA	NA	0.20	0.20
	Edge 4 0mm	0.348	NA	NA	NA	0.348	0.348	0.35	NA	NA	0.35	0.35
LTE Band 66	Back 10mm	0.405	0.344	0.282	0.000	0.749	0.687	0.40	0.34	0.282	0.75	0.69
	Back 0mm	0.726	0.344	0.282	0.000	1.070	1.008	0.73	0.34	0.283	1.07	1.01
	Edge 1 0mm	0.077	1.091	0.993	0.003	1.168	1.069	0.08	1.09	0.996	1.17	1.07
	Edge 3 0mm	0.929	NA	NA	NA	0.929	0.929	0.93	NA	NA	0.93	0.93
	Edge 4 0mm	0.612	NA	NA	NA	0.612	0.612	0.61	NA	NA	0.61	0.61
LTE Band 71	Back 0mm	0.066	0.344	0.282	0.000	0.410	0.348	0.07	0.34	0.283	0.41	0.35
	Edge 1 0mm	0.052	1.091	0.993	0.003	1.143	1.045	0.05	1.09	0.996	1.15	1.05
	Edge 3 0mm	0.066	NA	NA	NA	0.066	0.066	0.07	NA	NA	0.07	0.07
	Edge 4 0mm	0.512	NA	NA	NA	0.512	0.512	0.51	NA	NA	0.51	0.51

Note(s):

As the Sum of the SAR is less than 1.6W/Kg, so SPLSR is not required.

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17 Equipment List & Calibration Status

Name of Equipment	Manufacturer	Type/Model	Serial Number	Calibration Cycle(year)	Calibration Due
Radio Communication Analyzer	Anritsu	MT8820C	6201465317	1	2020/1/15
WIDEBAND RADIO COMMUNICATION TESTER	R&S	CMW500	101582	1	2020/1/1
UNIVERSAL RADIO COMMUNICATION TESTER	R&S	CMU200	7280-103772	1	2010/10/10
Signal Grenerator	Agilent	N5181A	MY50141235	1	2020/4/21
S-Parameter Network Analyzer	Agilent	E5071C	MY46107530	1	2020/2/22
Dielectric parameter probes	SPEAG	DAKS-3.5	1053	1	2020/1/28
Power Meter	Agilent	E4417A	MY51410006	1	2020/2/18
Power Sensor	Agilent	E9301H	MY51470001	1	2020/2/18
Power Meter	Anritsu	ML2496A	1337004	1	2020/9/3
Power Sensor	Anritsu	MA2411B	1306052	1	2020/9/3
Data Acquisition Electronics (DAE)	SPEAG	DAE4	558	1	2020/10/10
Dosimetric E-Field Probe	SPEAG	EX3DV4	3770	1	2020/4/28
750 MHz System Validation Dipole	SPEAG	D750V3	1015	1	2020/8/22
835 MHz System Validation Dipole	SPEAG	D835V2	4d063	1	2020/8/22
1750 MHz System Validation Dipole	SPEAG	D1750V2	1008	1	2020/8/22
1900 MHz System Validation Dipole	SPEAG	D1900V2	5d173	1	2020/4/22
2450 MHz System Validation Dipole	SPEAG	D2450V2	727	1	2020/4/23
2600 MHz System Validation Dipole	SPEAG	D2600V2	1005	1	2020/1/27
5GHz System Validation Dipole	SPEAG	D5GHzV2	1023	1	2020/01/29
Robot	Staubli	RX90L	F02/5T69A1/A/01	N/A	N/A
Amplifier	Mini-Circuit	ZVE-8G	665500309	N/A	N/A
Amplifier	Mini-Circuit	ZHL-1724HLN	D072602#2	N/A	N/A
Thermometer	Changzhou Xinwang	PT1	EC14011603	1	2020/7/30

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18 Facilities

All measurement facilities used to collect the measurement data are located at

☐ No. 81-1, Lane 210, Bade Rd. 2, Luchu Hsiang, Taoyuan Hsien, Taiwan, R.O.C.

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.)

☐ No. 199, Chunghsen Road, Hsintien City, Taipei Hsien, Taiwan, R.O.C.

19 Reference

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20 Attachments

Exhibit	Content
1	System Performance Check Plots
2	SAR Test Data Plots
3	SAR Equipment calibration report
4	T191105W01-SF PHOTOs

END OF REPORT

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