RF TEST REPORT

Applicant	Dspread Technology (Beijing) Inc
FCC ID	2AGQ6-D70
Product Type	Smart POS
Model	D70
Report No.	R2411A1678-R1
Issue Date	January 24, 2025

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2023) / FCC CFR 47 Part 22H (2023) / FCC CFR 47 Part 24E (2023) / FCC CFR47 Part 27C (2023) / FCC CFR 47 Part 90S (2023)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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Summary of Measurement Results

Number	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Isotropic Radiated Power	2.1046 22.913(a)(5) / 24.232(c) 27.50(d)(4) / 27.50(c)(10) / 27.50(h)(2) 90.635(b)	PASS
2	Occupied Bandwidth	2.1049 / 90.209	PASS
3	Band Edge Compliance	2.1051 22.917(a) / 24.238(a) 27.53(h) /27.53(g) /27.53(m) 90.691	PASS
4	Peak-to-Average Power Ratio	22.913(d) / 24.232(d) / 27.50(d)(5) KDB971168 D01(5.7)	PASS
5	Frequency Stability	2.1055 22.355 / 24.235 / 27.54 / 90.213	PASS
6	Spurious Emissions at Antenna Terminals	2.1051 22.917(a) / 24.238(a) 27.53(h) /27.53(g) /27.53(m) 90.691	PASS
7	Radiated Spurious Emission	2.1053 22.917(a) / 24.238(a) 27.53(h) /27.53(g) /27.53(m) 90.691	PASS
Date of Testing: November 18, 2024 ~ November 25, 2024 and December 2, 2024 ~ December 6, 2024 and January 14, 2025 ~ January 16, 2025 Date of Sample Received: November 7, 2024			
Note: PASS: The EUT complies with the essential requirements in the standard. FAIL: The EUT does not comply with the essential requirements in the standard. All indications of Pass/Fail in this report are opinions expressed by Eurofins TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

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1 Test Laboratory

1.1 Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **Eurofins TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2. Test Facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

1.3 Testing Location

Company:	Eurofins TA Technology (Shanghai) Co., Ltd.
Address:	Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
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2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

Applicant	Dspread Technology (Beijing) Inc
Applicant address	Rm.407, B12C, #10 (Universal Business Park), Jiuxianqiao Road, Chaoyang District, Beijing, China,100015
Manufacturer	Dspread Technology (Beijing) Inc
Manufacturer address	Rm.407, B12C, #10 (Universal Business Park), Jiuxianqiao Road, Chaoyang District, Beijing, China,100015

2.2 General information

EUT Description				
Model	D70			
Lab internal SN	R2411A1678/S01			
Hardware Version	1.1.0			
Software Version	1.1.0			
Power Supply	Battery			
Antenna Type	Internal Antenna			
Rated Power Supply Voltage	3.8V			
Operating Voltage	Minimum: 3.3V Maximum: 4.35V			
Operating Temperature	Lowest: -10°C Highest: +50°C			
Testing Temperature	Lowest: -30°C Highest: +50°C			
Operating Band(s)	Mode	Tx (MHz)	Rx (MHz)	Antenna Gain (dBi)
	GSM850	824 ~ 849	869 ~ 894	2.33
	GSM1900	1850 ~ 1910	1930 ~ 1990	1.88
	WCDMA Band II	1850 ~ 1910	1930 ~ 1990	1.88
	WCDMA Band IV	1710 ~ 1755	2110 ~ 2155	1.48
	WCDMA Band V	824 ~ 849	869 ~ 894	2.33
	LTE Band 2	1850 ~ 1910	1930 ~ 1990	1.88
	LTE Band 4	1710 ~ 1755	2110 ~ 2155	1.48
	LTE Band 5	824 ~ 849	869 ~ 894	2.33
	LTE Band 7	2500 ~ 2570	2620 ~ 2690	2.33
	LTE Band 12	699 ~ 716	729 ~ 746	1.69
	LTE Band 17	704 ~ 716	734 ~ 746	1.69
	LTE Band 25	1850 ~ 1915	1930 ~ 1995	1.88
	LTE Band 26	814 ~ 824	859 ~ 869	2.33

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	(814 ~ 824)			
	LTE Band 26 (824 ~ 849)	824 ~ 849	869 ~ 894	2.33
	LTE Band 38	2570 ~ 2620	2570 ~ 2620	1.92
	LTE Band 41	2535 ~ 2654.9	2535 ~ 2654.9	2.04
Test Modulation	(GSM/GPRS)GMSK, (EGPRS) GMSK; (WCDMA) QPSK; (LTE) QPSK, 16QAM, 64QAM			
GPRS Multislot Class	12			
EGPRS Multislot Class	12			
HSDPA UE Category	24			
HSUPA UE Category	7			
LTE Category	4			
Maximum E.I.R.P./ E.R.P.	GSM850	32.16 dBm		
	GSM1900	31.45 dBm		
	WCDMA Band II	23.04 dBm		
	WCDMA Band IV	22.52 dBm		
	WCDMA Band V	21.92 dBm		
	LTE Band 2	25.40 dBm		
	LTE Band 4	25.43 dBm		
	LTE Band 5	23.30 dBm		
	LTE Band 7	24.83 dBm		
	LTE Band 12	22.84 dBm		
	LTE Band 17	22.81 dBm		
	LTE Band 25	25.35 dBm		
	LTE Band 26 (814 ~ 824)	23.26 dBm		
	LTE Band 26 (824 ~ 849)	23.44 dBm		
	LTE Band 38	25.81 dBm		
	LTE Band 41	25.89 dBm		
EUT Accessory				
Battery	Manufacturer: Guangdong Fenghua New Energy Co.,Ltd. Model: F50109MA			
USB Cable	Manufacturer: ShenZhen FKY-QY Hardware&Electronics.,Ltd. Model: XC04W1000100 100cm Cable, Shielded			

Note:
1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.

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3 Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards:

FCC CFR 47 Part 22H (2023)

FCC CFR 47 Part 24E (2023)

FCC CFR47 Part 27C (2023)

FCC CFR 47 Part 90S (2023)

FCC CFR47 Part 2 (2023)

Reference standard:

ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

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4 Test Configuration

There is more than one SIM card slot, each one should be applied throughout the compliance test respectively, and however, only the worst case (SIM 1) will be recorded in this report

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes. EUT stand-up position (Z axis), lie-down position (X, Y axis). Receiver antenna polarization (horizontal and vertical), the worst emission was found in position (Z axis, horizontal polarization for GSM/WCDMA; Y axis, horizontal polarization for LTE) and the worst case was recorded.

All mode and data rates and positions and RB size and modulations were investigated.
Subsequently, only the worst case emissions are reported.
The following testing in GSM/WCDMA/LTE is set based on the maximum RF Output Power.
The following testing in different Bandwidth is set to detailin the following table:
Test modes are chosen to be reported as the worst case configuration below:

Test items	Modes/Modulation	
	GSM 850	GSM 1900
RF Power Output and Effective Radiated power	GSM / GPRS / EGPRS	GSM / GPRS / EGPRS
Occupied Bandwidth	GSM /GPRS (1Tx slot) / EGPRS (1Tx slot)	GSM /GPRS (1Tx slot) / EGPRS (1Tx slot)
Band Edge Compliance	GSM /GPRS (1Tx slot) / EGPRS (1Tx slot)	GSM /GPRS (1Tx slot) / EGPRS (1Tx slot)
Peak-to-Average Power Ratio	GSM /GPRS (1Tx slot) / EGPRS (1Tx slot)	GSM /GPRS (1Tx slot) / EGPRS (1Tx slot)
Frequency Stability	GSM /GPRS (1Tx slot) / EGPRS (1Tx slot)	GSM /GPRS (1Tx slot) / EGPRS (1Tx slot)
Spurious Emissions at Antenna Terminals	GSM	GSM
Radiated Spurious Emission	GSM	GSM

Test items	Modes/Modulation		
	WCDMA Band II	WCDMA Band IV	WCDMA Band V
RF Power Output and Effective Isotropic Radiated Power	RMC HSDPA/HSUPA	RMC HSDPA/HSUPA	RMC HSDPA/HSUPA
Occupied Bandwidth	RMC	RMC	RMC
Band Edge Compliance	RMC	RMC	RMC
Peak-to-Average Power Ratio	RMC	RMC	RMC
Frequency Stability	RMC	RMC	RMC
Spurious Emissions at Antenna Terminals	RMC	RMC	RMC
Radiated Spurious Emission	RMC	RMC	RMC

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Test modes are chosen to be reported as the worst case configuration below for LTE Band:

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM / 64QAM	1	50%	100%	L	M	H
RF Power Output and Effective Isotropic Radiated Power	LTE 2	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 5	O	O	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 25	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	O	O	O	O	O	O	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	LTE 2	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 5	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 25	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	O	-	-	O	O	O	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	LTE 2	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 4	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 5	O	O	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 7	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 12	O	O	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 17	-	-	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 25	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	O	O	-	O	O	-	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 38	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 41	-	-	O	O	O	O	O	O	O	-	O	O	-	O
Peak-to-Average Power Ratio	LTE 2	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 5	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	-	-	O	O	O	O

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	LTE 25	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	O	-	-	O	O	O	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
Frequency Stability	LTE 2	O	O	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 4	O	O	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 5	O	O	O	O	-	-	O	-	-	-	O	O	-	O
	LTE 7	-	-	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 12	O	O	O	O	-	-	O	-	-	-	O	O	-	O
	LTE 17	-	-	O	O	-	-	O	-	-	-	O	O	-	O
	LTE 25	O	O	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	-	-	-	O	O	-	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	-	-	-	O	O	-	O
	LTE 38	-	-	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 41	-	-	O	O	O	O	O	-	-	-	O	O	-	O
Spurious Emissions at Antenna Terminals	LTE 2	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 4	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 5	O	O	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 7	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 12	O	O	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 25	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	-	O	-	-	O	O	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 38	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 41	-	-	O	O	O	O	O	-	O	-	-	O	O	O
Radiated Spurious Emission	LTE 2	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 4	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 5	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 7	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 12	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 25	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 26 (824 ~ 849)	O	-	O	-	O	-	O	-	O	-	-	-	O	-
	LTE 26 (814 ~ 824)	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 38	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 41	-	-	O	-	-	O	O	-	O	-	-	-	O	-
Note	1. The mark “O” means that this configuration is chosen for testing. 2. The mark “-” means that this configuration is not testing.														

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5 Test Case

5.1 RF Power Output and Effective Isotropic Radiated Power

Ambient condition

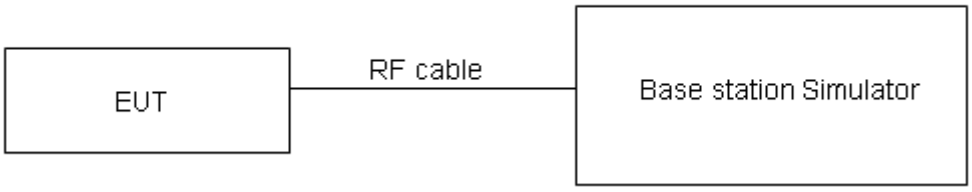
Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:
EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)
EIRP (dBm) = ERP (dBm) + 2.15 (dB.)

Test Setup



Limits

No specific RF power output requirements in part 2.1046.

Rule Part 22.913(a)(5) specifies that "Mobile/portable stations are limited to 7 watts ERP".

Rule Part 24.232(c) Mobile and portable stations are limited to 2 watts EIRP.

Rule Part 24.232(e) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

Rule Part 27.50(d) (4) specifies that "Fixed, mobile and portable (hand-held) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP"

Rule Part 27.50(c) (10) specifies that "Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP"

Rule Part 27.50(h) (2) specifies that "Mobile and other user stations. Mobile stations are limited to 2.0

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watts EIRP. All user stations are limited to 2.0 watts transmitter output power."

Part 90.635 (b) the maximum output power of the transmitter for mobile stations is 100 watts.

Rule Part 90.635(b) specifies that "The maximum output power of the transmitter for mobile stations is 100 watts".

Part 22.913(a)(5) Limit	⩽ 7 W (38.45 dBm)
Rule Part 24.232(c)(e) Limit	⩽ 2 W (33 dBm)
Part 27.50(d)(4) Limit	⩽ 1 W (30 dBm)
Part 27.50(c)(10)Limit	⩽ 3 W (34.77 dBm)
Part 27.50(h)(2) Limit	⩽ 2 W (33 dBm)
Part 90.635(b) Limit	⩽ 100 W (50 dBm)

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U=0.4 dB for RF power output, k = 2, U= 1.19 dB for ERP/EIRP.

Test Results

Refer to the section 6.1 of this report for test data.

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5.2 Occupied Bandwidth

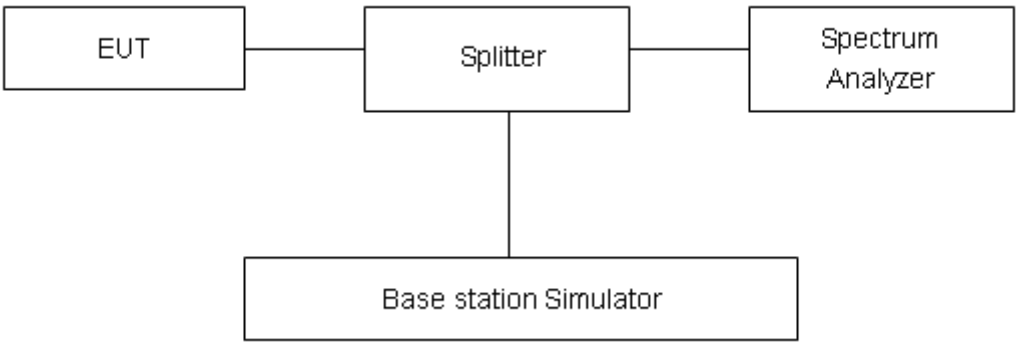
Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The occupied bandwidth is measured using spectrum analyzer.
RBW is set to ⩾1%EBW, VBW is set to 3x RBW.
99% power and -26dBc occupied bandwidths are recorded. Spectrum analyzer plots are included on the following pages.

Test Setup



Limits

No specific occupied bandwidth requirements in part 2.1049.

Part 90.209 (a) Each authorization issued to a station licensed under this part will show an emission designator representing the class of emission authorized. The designator will be prefixed by a specified necessary bandwidth. This number does not necessarily indicate the bandwidth occupied by the emission at any instant. In those cases where part 2.202 of this chapter does not provide a formula for the computation of necessary bandwidth, the occupied bandwidth, as defined in part 2 of this chapter, may be used in lieu of the necessary bandwidth.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U=624Hz.

Test Results

Refer to the section 6.2 of this report for test data.

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5.3 Band Edge Compliance

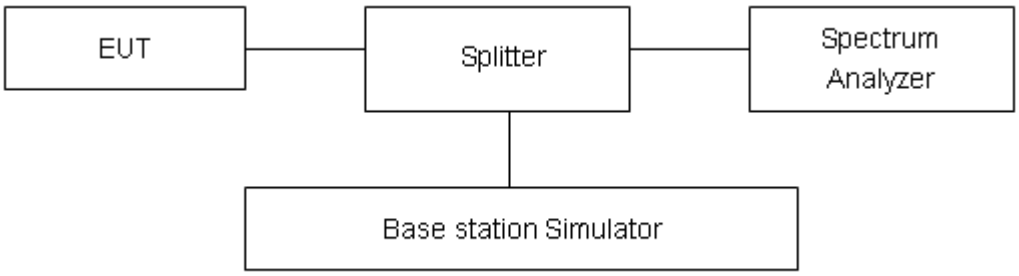
Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The band edge of the lowest and highest channels were measured.
The testing follows KDB 971168 D01 v03r01 Section 6.0
The EUT was connected to spectrum analyzer and system simulator via a power divider.
The band edges of low and high channels for the highest RF powers were measured.
For Band 7/38 set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
For Band 41 the middle channel, high channel set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used; Low channel set RBW >= 2% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
For other bands, RBW is set to ⩾1%EBW, VBW is set to 3x RBW on spectrum analyzer.
Set spectrum analyzer with RMS detector.
The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
Checked that all the results comply with the emission limit line.

Test Setup



Limits

Rule Part 22.917(a) specifies that “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.”
Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log10 (P) dB.”
Rule Part 27.53(h) specifies that “ for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be

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attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$ (P) dB”
Rule Part 27.53(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.
Rule Part 27.53(m) (4) specifies that “for BRS and EBS stations. For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(4) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.
Example:
The limit line is derived from 43 + 10log (P) dB below the transmitter power P(Watts)
= P(W)- [43 + 10log(P)] (dB)
= [30 + 10log (P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.
Rule Part 90.691(a) specifies that “ For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log_{10}(f/6.1) decibels or 50 + 10 Log_{10}(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.”

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor *k* = 1.96, *U*=0.684dB.

Test Results

Refer to the section 6.3 of this report for test data.

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5.4 Peak-to-Average Power Ratio (PAPR)

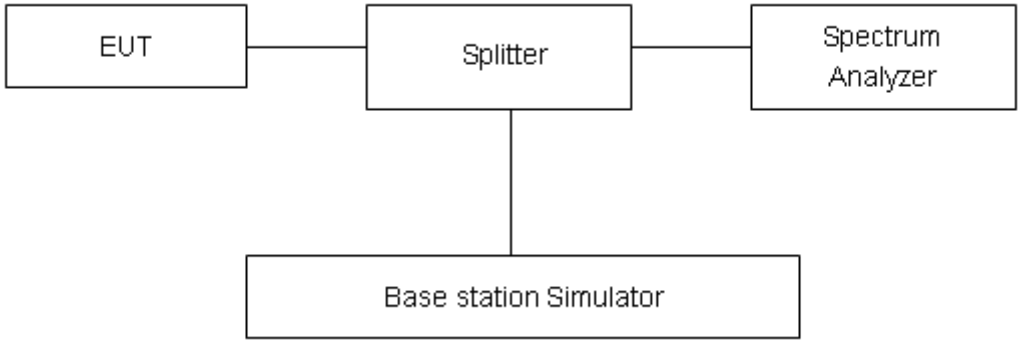
Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

Measure the total peak power and record as PPk. And measure the total average power and record as PAvg. Both the peak and average power levels must be expressed in the same logarithmic units (*e.g.*, dBm). Determine the PAPR from:
PAPR (dB) = PPk (dBm) - PAvg (dBm).

Test Setup



Limits

Rule Part 22.913(d), the peak-to-average ratio (PAR) of the transmission must not exceed 13 dB.

Rule Part 24.232(d), in measuring transmissions in this band using an average power technique, the peakto-average ratio (PAR) of the transmission may not exceed 13 dB.

Rule Part 27.50(d)(5) Equipment employed must be authorized in accordance with the provisions of 24.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for thenormal distribution is with the coverage factor k = 2, U= 0.4 dB.

Test Results

Refer to the section 6.4 of this report for test data.

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5.5 Frequency Stability

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

Frequency Stability (Temperature Variation)

The temperature inside the climate chamber is varied from -30°C to +50°C in 10°C step size.

(1)With all power removed, the temperature was decreased to -10°C and permitted to stabilize for three hours.

(2)Measure the carrier frequency with the test equipment in a “call mode”. These measurements should be made within 1 minute of powering up the mobile station, to prevent significant self warming.

(3) Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, un-powered, before making measurements.

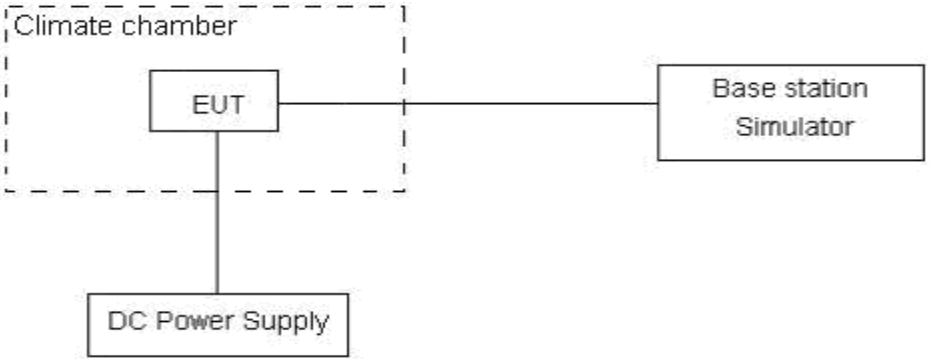
Frequency Stability (Voltage Variation)

The frequency stability shall be measured with variation of primary supply voltage as follows:

Primary Supply Voltage: The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

This transceiver is specified to operate with an input voltage of between 3.45 V and 4.48 V, with a nominal voltage of 3.89V.

Test setup



Limits

For Rule Part 22.355, the frequency stability of the carrier shall be accurate to within 2.5 ppm of the received frequency for mobile stations.

For Rule Part 24, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

For Rule Part 27, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

For Rule Part 90.213.(a) Unless noted elsewhere, transmitters used in the services governed by this part must have a minimum frequency stability as specified in the following table.

Minimum Frequency Stability

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[Parts per million (ppm)]

Frequency range (MHz)	Fixed and base stations	Mobile stations	
		Over 2 watts output power	2 watts or less output power
814 ~ 824	1.5	2.5	2.5

Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75％ confidence level for the normal distribution is with the coverage factor k = 3,U=0.01ppm.

Test Results

Refer to the section 6.5 of this report for test data.

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5.6 Spurious Emissions at Antenna Terminals

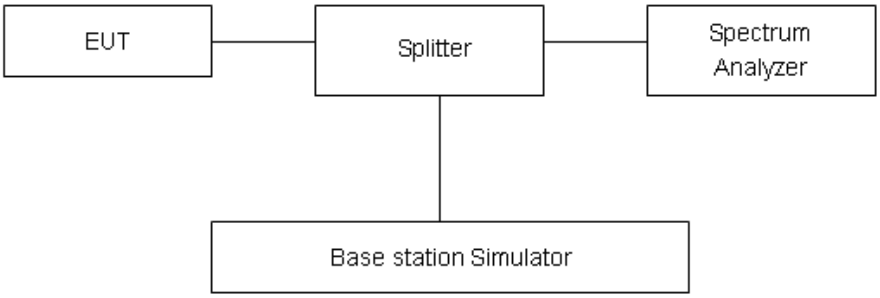
Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The measurement is carried out using a spectrum analyzer. The spectrum analyzer scans from 9kHz to the 10th harmonic of the carrier. The peak detector is used.
RBW is set to 1 kHz (0.009MHz~ 0.15 MHz),
RBW is set to 10 kHz (0.15 MHz~ 30 MHz)
RBW is set to 100 kHz (30MHz~1000 MHz)
RBW is set to 1000 kHz (above 1000MHz)
Sweep is set to AUTO.
Of those disturbances below (limit – 20 dB), the mark is not required for the EUT.
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup



Limits

Rule Part 22.917(a) specifies that “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.”
Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log10 (P) dB.”
Rule Part 27.53(h) specifies that “for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB..”
Rule Part 27.53 (g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10

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log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.
Rule Part 27.53(m) 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(4) of this section.
Part 27.53 (c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:
(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;
(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;
Rule Part 90.691 specifies that “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.”

Part 22.917(a) Limit	-13 dBm
Part 24.238(a) Limit	-13 dBm
Part 27.53(h)/(g) Limit	-13 dBm
Part 27.53(m) Limit	-25 dBm
Part 90.691 Limit	-13 dBm

Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75％ confidence level for the normal distribution is with the coverage factor *k* = 1.96.

Frequency	Uncertainty
9kHz-1GHz	0.684 dB
1GHz-40GHz	1.407 dB

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Test Results

Refer to the section 6.6 of this report for test data.

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5.7 Radiated Spurious Emission

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.8 and ANSI C63.26-2015.
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
3. A loop antenna, A log-periodic antenna or horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
4. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=100kHz, VBW=300kHz for 30MHz to 1GHz and RBW=1MHz, VBW=3MHz for above 1GHz, and the maximum value of the receiver should be recorded as (Pr).
5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
7. The measurement results are obtained as described below:
Power(EIRP)=PMea- PAg - Pcl + Ga
The measurement results are amend as described below:
Power(EIRP)=PMea- Pcl + Ga
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dB.

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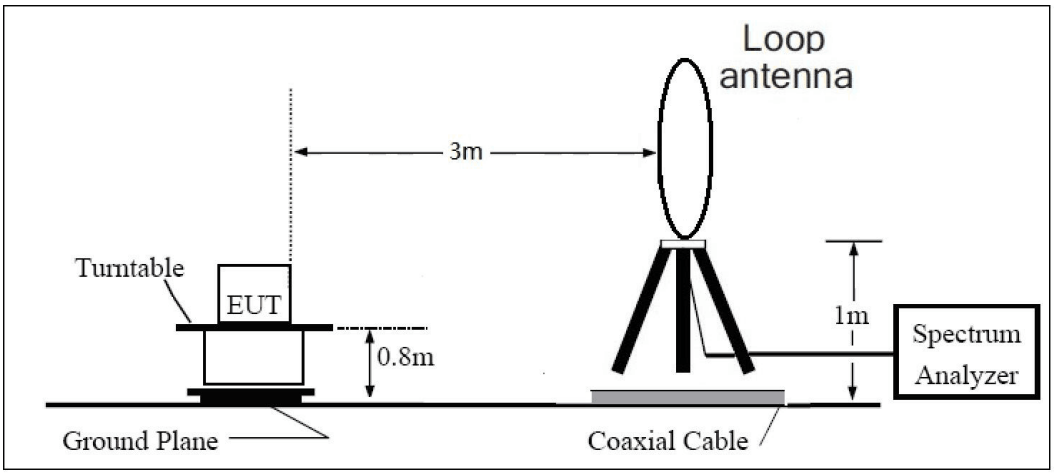
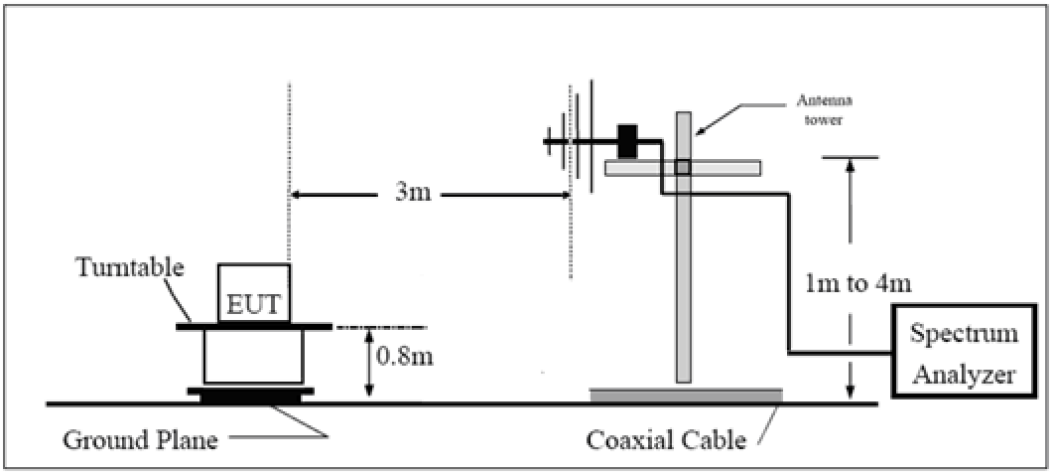
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

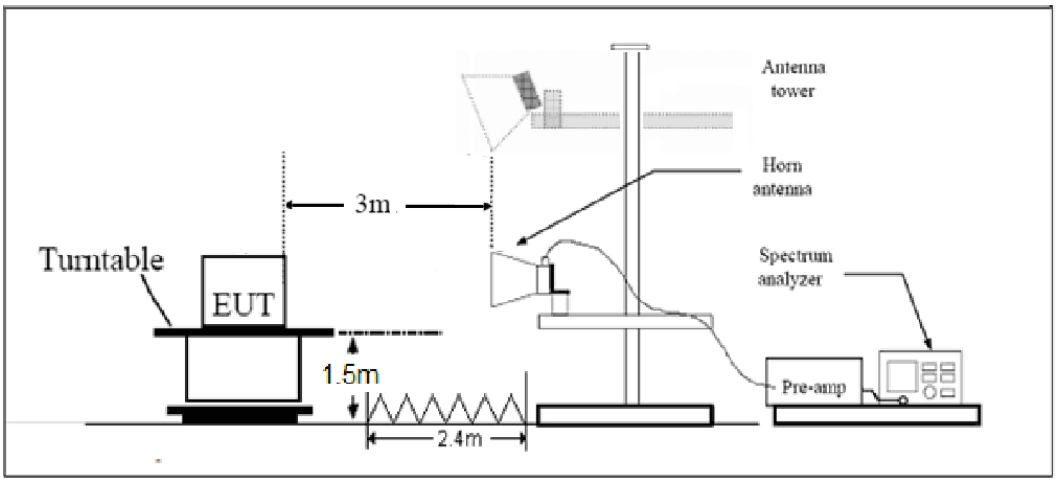
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side:2.4mX3.6m

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Limits

Rule Part 22.917(a) specifies that “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) Db.”
Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log10 (P) dB.”
Rule Part 27.53(h) specifies that “for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB..”
Rule Part 27.53 (g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.
Rule Part 27.53(m) 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(4) of this section.
Part 27.53 (c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:
(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;
(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;
Rule Part 90.691 specifies that “The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.”

Part 22.917(a) Limit	-13 dBm
Part 24.238(a) Limit	-13 dBm
Part 27.53(h)/(g) Limit	-13 dBm

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Part 27.53(m) Limit	-25 dBm
Part 90.691 Limit	-13 dBm

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95％ confidence level for the normal distribution is with the coverage factor *k* = ±1.96, *U*= ±3.55 dB.

Test Results

Refer to the section 6.7 of this report for test data.

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6 Test Results

6.1. RF Power Output and Effective Isotropic Radiated Power

GSM 850		Maximum Output Power (dBm)			ERP (dBm)		
		Channel 128	Channel 190	Channel 251	Channel 128	Channel 190	Channel 251
		824.2 (MHz)	836.6 (MHz)	848.8 (MHz)	824.2 (MHz)	836.6 (MHz)	848.8 (MHz)
GSM(GMSK)	Results	31.97	31.90	31.78	32.15	32.08	31.96
GPRS (GMSK)	1Txslot	31.98	31.86	31.76	32.16	32.04	31.94
	2Txslots	31.47	31.37	31.29	31.65	31.55	31.47
	3Txslots	29.96	29.90	29.85	30.14	30.08	30.03
	4Txslots	28.84	28.84	28.80	29.02	29.02	28.98
EGPRS	1Txslot	31.94	31.89	31.76	32.12	32.07	31.94
	2Txslots	31.46	31.42	31.28	31.64	31.60	31.46
	3Txslots	29.94	29.95	29.85	30.12	30.13	30.03
	4Txslots	28.84	28.86	28.81	29.02	29.04	28.99

GSM 1900		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 512	Channel 661	Channel 810	Channel 512	Channel 661	Channel 810
		1850.2 (MHz)	1880 (MHz)	1909.8 (MHz)	1850.2 (MHz)	1880 (MHz)	1909.8 (MHz)
GSM(GMSK)	Results	29.56	29.52	29.17	31.44	31.40	31.05
GPRS (GMSK)	1Txslot	29.57	29.46	29.13	31.45	31.34	31.01
	2Txslots	28.94	28.85	28.55	30.82	30.73	30.43
	3Txslots	27.36	27.28	27.02	29.24	29.16	28.90
	4Txslots	26.27	26.23	25.97	28.15	28.11	27.85
EGPRS	1Txslot	29.56	29.51	29.21	31.44	31.39	31.09
	2Txslots	28.94	28.89	28.61	30.82	30.77	30.49
	3Txslots	27.32	27.33	27.09	29.20	29.21	28.97
	4Txslots	26.27	26.27	26.04	28.15	28.15	27.92

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WCDMA Band II		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 9262	Channel 9400	Channel 9538	Channel 9262	Channel 9400	Channel 9538
		1852.4 (MHz)	1880 (MHz)	1907.6 (MHz)	1852.4 (MHz)	1880 (MHz)	1907.6 (MHz)
RMC		21.16	20.91	20.67	23.04	22.79	22.55
HSDPA	Sub - Test 1	20.58	20.33	20.09	22.46	22.21	21.97
	Sub - Test 2	20.57	20.32	20.08	22.45	22.20	21.96
	Sub - Test 3	20.06	19.81	19.57	21.94	21.69	21.45
	Sub - Test 4	20.05	19.80	19.56	21.93	21.68	21.44
HSUPA	Sub - Test 1	19.54	19.29	19.05	21.42	21.17	20.93
	Sub - Test 2	17.53	17.28	17.04	19.41	19.16	18.92
	Sub - Test 3	18.51	18.27	18.03	20.39	20.15	19.91
	Sub - Test 4	17.50	17.26	17.02	19.38	19.14	18.90
	Sub - Test 5	20.99	20.75	20.51	22.87	22.63	22.39

WCDMA Band IV		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 1312	Channel 1413	Channel 1513	Channel 1312	Channel 1413	Channel 1513
		1712.4 (MHz)	1732.6 (MHz)	1752.6 (MHz)	1712.4 (MHz)	1732.6 (MHz)	1752.6 (MHz)
RMC		20.98	21.02	21.04	22.46	22.50	22.52
HSDPA	Sub - Test 1	20.40	20.44	20.46	21.88	21.92	21.94
	Sub - Test 2	20.39	20.43	20.45	21.87	21.91	21.93
	Sub - Test 3	19.88	19.92	19.94	21.36	21.40	21.42
	Sub - Test 4	19.87	19.91	19.93	21.35	21.39	21.41
HSUPA	Sub - Test 1	19.36	19.40	19.42	20.84	20.88	20.90
	Sub - Test 2	17.35	17.39	17.41	18.83	18.87	18.89
	Sub - Test 3	18.33	18.38	18.40	19.81	19.86	19.88
	Sub - Test 4	17.32	17.37	17.39	18.80	18.85	18.87
	Sub - Test 5	20.81	20.86	20.88	22.29	22.34	22.36

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WCDMA Band V		Maximum Output Power (dBm)			ERP (dBm)		
		Channel 4132	Channel 4183	Channel 4233	Channel 4132	Channel 4183	Channel 4233
		826.4 (MHz)	836.6 (MHz)	846.6 (MHz)	826.4 (MHz)	836.6 (MHz)	846.6 (MHz)
RMC		21.73	21.74	21.67	21.91	21.92	21.85
HSDPA	Sub - Test 1	21.15	21.16	21.09	21.33	21.34	21.27
	Sub - Test 2	21.14	21.15	21.08	21.32	21.33	21.26
	Sub - Test 3	20.63	20.64	20.57	20.81	20.82	20.75
	Sub - Test 4	20.62	20.63	20.56	20.80	20.81	20.74
HSUPA	Sub - Test 1	20.11	20.12	20.05	20.29	20.30	20.23
	Sub - Test 2	18.10	18.11	18.04	18.28	18.29	18.22
	Sub - Test 3	19.08	19.10	19.03	19.26	19.28	19.21
	Sub - Test 4	18.07	18.09	18.02	18.25	18.27	18.20
	Sub - Test 5	21.56	21.58	21.51	21.74	21.76	21.69

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band2	1.4	18607	1	#0	QPSK	23.29	25.17
LTE Band2	1.4	18607	1	#Mid	QPSK	23.52	25.40
LTE Band2	1.4	18607	1	#Max	QPSK	23.28	25.16
LTE Band2	1.4	18607	3	#0	QPSK	23.35	25.23
LTE Band2	1.4	18607	3	#Mid	QPSK	23.34	25.22
LTE Band2	1.4	18607	3	#Max	QPSK	23.32	25.20
LTE Band2	1.4	18607	6	#0	QPSK	22.24	24.12
LTE Band2	1.4	18607	1	#0	16QAM	22.26	24.14
LTE Band2	1.4	18607	1	#Mid	16QAM	22.48	24.36
LTE Band2	1.4	18607	1	#Max	16QAM	22.27	24.15
LTE Band2	1.4	18607	3	#0	16QAM	22.46	24.34
LTE Band2	1.4	18607	3	#Mid	16QAM	22.49	24.37
LTE Band2	1.4	18607	3	#Max	16QAM	22.50	24.38
LTE Band2	1.4	18607	6	#0	16QAM	21.29	23.17
LTE Band2	1.4	18900	1	#0	QPSK	22.90	24.78
LTE Band2	1.4	18900	1	#Mid	QPSK	23.25	25.13
LTE Band2	1.4	18900	1	#Max	QPSK	22.92	24.80
LTE Band2	1.4	18900	3	#0	QPSK	23.05	24.93
LTE Band2	1.4	18900	3	#Mid	QPSK	23.03	24.91
LTE Band2	1.4	18900	3	#Max	QPSK	23.03	24.91
LTE Band2	1.4	18900	6	#0	QPSK	21.98	23.86
LTE Band2	1.4	18900	1	#0	16QAM	22.13	24.01
LTE Band2	1.4	18900	1	#Mid	16QAM	22.29	24.17

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LTE Band2	1.4	18900	1	#Max	16QAM	22.10	23.98
LTE Band2	1.4	18900	3	#0	16QAM	22.05	23.93
LTE Band2	1.4	18900	3	#Mid	16QAM	22.05	23.93
LTE Band2	1.4	18900	3	#Max	16QAM	22.09	23.97
LTE Band2	1.4	18900	6	#0	16QAM	20.95	22.83
LTE Band2	1.4	19193	1	#0	QPSK	23.08	24.96
LTE Band2	1.4	19193	1	#Mid	QPSK	23.28	25.16
LTE Band2	1.4	19193	1	#Max	QPSK	23.10	24.98
LTE Band2	1.4	19193	3	#0	QPSK	23.15	25.03
LTE Band2	1.4	19193	3	#Mid	QPSK	23.13	25.01
LTE Band2	1.4	19193	3	#Max	QPSK	23.11	24.99
LTE Band2	1.4	19193	6	#0	QPSK	22.11	23.99
LTE Band2	1.4	19193	1	#0	16QAM	21.91	23.79
LTE Band2	1.4	19193	1	#Mid	16QAM	22.08	23.96
LTE Band2	1.4	19193	1	#Max	16QAM	21.91	23.79
LTE Band2	1.4	19193	3	#0	16QAM	22.06	23.94
LTE Band2	1.4	19193	3	#Mid	16QAM	22.04	23.92
LTE Band2	1.4	19193	3	#Max	16QAM	22.06	23.94
LTE Band2	1.4	19193	6	#0	16QAM	21.08	22.96
LTE Band2	3	18615	1	#0	QPSK	23.26	25.14
LTE Band2	3	18615	1	#Mid	QPSK	23.26	25.14
LTE Band2	3	18615	1	#Max	QPSK	23.20	25.08
LTE Band2	3	18615	8	#0	QPSK	22.31	24.19
LTE Band2	3	18615	8	#Mid	QPSK	22.30	24.18
LTE Band2	3	18615	8	#Max	QPSK	22.29	24.17
LTE Band2	3	18615	15	#0	QPSK	22.30	24.18
LTE Band2	3	18615	1	#0	16QAM	22.60	24.48
LTE Band2	3	18615	1	#Mid	16QAM	22.57	24.45
LTE Band2	3	18615	1	#Max	16QAM	22.57	24.45
LTE Band2	3	18615	8	#0	16QAM	21.34	23.22
LTE Band2	3	18615	8	#Mid	16QAM	21.33	23.21
LTE Band2	3	18615	8	#Max	16QAM	21.32	23.20
LTE Band2	3	18615	15	#0	16QAM	21.28	23.16
LTE Band2	3	18900	1	#0	QPSK	23.01	24.89
LTE Band2	3	18900	1	#Mid	QPSK	22.99	24.87
LTE Band2	3	18900	1	#Max	QPSK	23.07	24.95
LTE Band2	3	18900	8	#0	QPSK	22.01	23.89
LTE Band2	3	18900	8	#Mid	QPSK	22.02	23.90
LTE Band2	3	18900	8	#Max	QPSK	22.06	23.94
LTE Band2	3	18900	15	#0	QPSK	22.01	23.89
LTE Band2	3	18900	1	#0	16QAM	22.24	24.12
LTE Band2	3	18900	1	#Mid	16QAM	22.24	24.12
LTE Band2	3	18900	1	#Max	16QAM	22.22	24.10

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LTE Band2	3	18900	8	#0	16QAM	21.04	22.92
LTE Band2	3	18900	8	#Mid	16QAM	21.02	22.90
LTE Band2	3	18900	8	#Max	16QAM	21.03	22.91
LTE Band2	3	18900	15	#0	16QAM	20.91	22.79
LTE Band2	3	19185	1	#0	QPSK	23.12	25.00
LTE Band2	3	19185	1	#Mid	QPSK	23.20	25.08
LTE Band2	3	19185	1	#Max	QPSK	23.21	25.09
LTE Band2	3	19185	8	#0	QPSK	22.08	23.96
LTE Band2	3	19185	8	#Mid	QPSK	22.10	23.98
LTE Band2	3	19185	8	#Max	QPSK	22.13	24.01
LTE Band2	3	19185	15	#0	QPSK	22.07	23.95
LTE Band2	3	19185	1	#0	16QAM	21.93	23.81
LTE Band2	3	19185	1	#Mid	16QAM	21.99	23.87
LTE Band2	3	19185	1	#Max	16QAM	21.96	23.84
LTE Band2	3	19185	8	#0	16QAM	21.06	22.94
LTE Band2	3	19185	8	#Mid	16QAM	21.08	22.96
LTE Band2	3	19185	8	#Max	16QAM	21.12	23.00
LTE Band2	3	19185	15	#0	16QAM	21.10	22.98
LTE Band2	5	18625	1	#0	QPSK	23.24	25.12
LTE Band2	5	18625	1	#Mid	QPSK	23.30	25.18
LTE Band2	5	18625	1	#Max	QPSK	23.19	25.07
LTE Band2	5	18625	12	#0	QPSK	22.34	24.22
LTE Band2	5	18625	12	#Mid	QPSK	22.32	24.20
LTE Band2	5	18625	12	#Max	QPSK	22.30	24.18
LTE Band2	5	18625	25	#0	QPSK	22.33	24.21
LTE Band2	5	18625	1	#0	16QAM	22.47	24.35
LTE Band2	5	18625	1	#Mid	16QAM	22.57	24.45
LTE Band2	5	18625	1	#Max	16QAM	22.43	24.31
LTE Band2	5	18625	12	#0	16QAM	21.31	23.19
LTE Band2	5	18625	12	#Mid	16QAM	21.34	23.22
LTE Band2	5	18625	12	#Max	16QAM	21.26	23.14
LTE Band2	5	18625	25	#0	16QAM	21.37	23.25
LTE Band2	5	18900	1	#0	QPSK	22.99	24.87
LTE Band2	5	18900	1	#Mid	QPSK	23.06	24.94
LTE Band2	5	18900	1	#Max	QPSK	22.94	24.82
LTE Band2	5	18900	12	#0	QPSK	22.09	23.97
LTE Band2	5	18900	12	#Mid	QPSK	22.06	23.94
LTE Band2	5	18900	12	#Max	QPSK	22.09	23.97
LTE Band2	5	18900	25	#0	QPSK	22.08	23.96
LTE Band2	5	18900	1	#0	16QAM	22.17	24.05
LTE Band2	5	18900	1	#Mid	16QAM	22.23	24.11
LTE Band2	5	18900	1	#Max	16QAM	22.15	24.03
LTE Band2	5	18900	12	#0	16QAM	20.99	22.87

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LTE Band2	5	18900	12	#Mid	16QAM	21.03	22.91
LTE Band2	5	18900	12	#Max	16QAM	21.05	22.93
LTE Band2	5	18900	25	#0	16QAM	21.05	22.93
LTE Band2	5	19175	1	#0	QPSK	22.92	24.80
LTE Band2	5	19175	1	#Mid	QPSK	23.05	24.93
LTE Band2	5	19175	1	#Max	QPSK	22.97	24.85
LTE Band2	5	19175	12	#0	QPSK	22.02	23.90
LTE Band2	5	19175	12	#Mid	QPSK	22.01	23.89
LTE Band2	5	19175	12	#Max	QPSK	22.12	24.00
LTE Band2	5	19175	25	#0	QPSK	22.07	23.95
LTE Band2	5	19175	1	#0	16QAM	22.20	24.08
LTE Band2	5	19175	1	#Mid	16QAM	22.29	24.17
LTE Band2	5	19175	1	#Max	16QAM	22.23	24.11
LTE Band2	5	19175	12	#0	16QAM	21.03	22.91
LTE Band2	5	19175	12	#Mid	16QAM	21.03	22.91
LTE Band2	5	19175	12	#Max	16QAM	21.13	23.01
LTE Band2	5	19175	25	#0	16QAM	21.09	22.97
LTE Band2	10	18650	1	#0	QPSK	23.36	25.24
LTE Band2	10	18650	1	#Mid	QPSK	23.45	25.33
LTE Band2	10	18650	1	#Max	QPSK	23.26	25.14
LTE Band2	10	18650	25	#0	QPSK	22.33	24.21
LTE Band2	10	18650	25	#Mid	QPSK	22.38	24.26
LTE Band2	10	18650	25	#Max	QPSK	22.33	24.21
LTE Band2	10	18650	50	#0	QPSK	22.36	24.24
LTE Band2	10	18650	1	#0	16QAM	22.16	24.04
LTE Band2	10	18650	1	#Mid	16QAM	22.33	24.21
LTE Band2	10	18650	1	#Max	16QAM	22.05	23.93
LTE Band2	10	18650	25	#0	16QAM	21.36	23.24
LTE Band2	10	18650	25	#Mid	16QAM	21.37	23.25
LTE Band2	10	18650	25	#Max	16QAM	21.30	23.18
LTE Band2	10	18650	50	#0	16QAM	21.37	23.25
LTE Band2	10	18900	1	#0	QPSK	23.02	24.90
LTE Band2	10	18900	1	#Mid	QPSK	23.20	25.08
LTE Band2	10	18900	1	#Max	QPSK	22.98	24.86
LTE Band2	10	18900	25	#0	QPSK	22.09	23.97
LTE Band2	10	18900	25	#Mid	QPSK	22.12	24.00
LTE Band2	10	18900	25	#Max	QPSK	22.10	23.98
LTE Band2	10	18900	50	#0	QPSK	22.08	23.96
LTE Band2	10	18900	1	#0	16QAM	22.32	24.20
LTE Band2	10	18900	1	#Mid	16QAM	22.48	24.36
LTE Band2	10	18900	1	#Max	16QAM	22.26	24.14
LTE Band2	10	18900	25	#0	16QAM	21.20	23.08
LTE Band2	10	18900	25	#Mid	16QAM	21.20	23.08

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LTE Band2	10	18900	25	#Max	16QAM	21.22	23.10
LTE Band2	10	18900	50	#0	16QAM	21.12	23.00
LTE Band2	10	19150	1	#0	QPSK	23.03	24.91
LTE Band2	10	19150	1	#Mid	QPSK	23.18	25.06
LTE Band2	10	19150	1	#Max	QPSK	23.07	24.95
LTE Band2	10	19150	25	#0	QPSK	22.09	23.97
LTE Band2	10	19150	25	#Mid	QPSK	22.08	23.96
LTE Band2	10	19150	25	#Max	QPSK	22.18	24.06
LTE Band2	10	19150	50	#0	QPSK	22.13	24.01
LTE Band2	10	19150	1	#0	16QAM	22.18	24.06
LTE Band2	10	19150	1	#Mid	16QAM	22.28	24.16
LTE Band2	10	19150	1	#Max	16QAM	22.21	24.09
LTE Band2	10	19150	25	#0	16QAM	21.10	22.98
LTE Band2	10	19150	25	#Mid	16QAM	21.12	23.00
LTE Band2	10	19150	25	#Max	16QAM	21.23	23.11
LTE Band2	10	19150	50	#0	16QAM	21.09	22.97
LTE Band2	15	18675	1	#0	QPSK	23.23	25.11
LTE Band2	15	18675	1	#Mid	QPSK	23.25	25.13
LTE Band2	15	18675	1	#Max	QPSK	23.02	24.90
LTE Band2	15	18675	36	#0	QPSK	22.35	24.23
LTE Band2	15	18675	36	#Mid	QPSK	22.34	24.22
LTE Band2	15	18675	36	#Max	QPSK	22.28	24.16
LTE Band2	15	18675	75	#0	QPSK	22.31	24.19
LTE Band2	15	18675	1	#0	16QAM	22.48	24.36
LTE Band2	15	18675	1	#Mid	16QAM	22.58	24.46
LTE Band2	15	18675	1	#Max	16QAM	22.30	24.18
LTE Band2	15	18675	36	#0	16QAM	21.35	23.23
LTE Band2	15	18675	36	#Mid	16QAM	21.34	23.22
LTE Band2	15	18675	36	#Max	16QAM	21.25	23.13
LTE Band2	15	18675	75	#0	16QAM	21.34	23.22
LTE Band2	15	18900	1	#0	QPSK	23.00	24.88
LTE Band2	15	18900	1	#Mid	QPSK	23.06	24.94
LTE Band2	15	18900	1	#Max	QPSK	22.89	24.77
LTE Band2	15	18900	36	#0	QPSK	22.08	23.96
LTE Band2	15	18900	36	#Mid	QPSK	22.10	23.98
LTE Band2	15	18900	36	#Max	QPSK	22.10	23.98
LTE Band2	15	18900	75	#0	QPSK	22.10	23.98
LTE Band2	15	18900	1	#0	16QAM	22.19	24.07
LTE Band2	15	18900	1	#Mid	16QAM	22.25	24.13
LTE Band2	15	18900	1	#Max	16QAM	22.09	23.97
LTE Band2	15	18900	36	#0	16QAM	21.09	22.97
LTE Band2	15	18900	36	#Mid	16QAM	21.11	22.99
LTE Band2	15	18900	36	#Max	16QAM	21.07	22.95

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LTE Band2	15	18900	75	#0	16QAM	21.11	22.99
LTE Band2	15	19125	1	#0	QPSK	23.03	24.91
LTE Band2	15	19125	1	#Mid	QPSK	23.13	25.01
LTE Band2	15	19125	1	#Max	QPSK	23.04	24.92
LTE Band2	15	19125	36	#0	QPSK	22.12	24.00
LTE Band2	15	19125	36	#Mid	QPSK	22.11	23.99
LTE Band2	15	19125	36	#Max	QPSK	22.24	24.12
LTE Band2	15	19125	75	#0	QPSK	22.18	24.06
LTE Band2	15	19125	1	#0	16QAM	22.04	23.92
LTE Band2	15	19125	1	#Mid	16QAM	22.10	23.98
LTE Band2	15	19125	1	#Max	16QAM	21.99	23.87
LTE Band2	15	19125	36	#0	16QAM	21.09	22.97
LTE Band2	15	19125	36	#Mid	16QAM	21.08	22.96
LTE Band2	15	19125	36	#Max	16QAM	21.16	23.04
LTE Band2	15	19125	75	#0	16QAM	21.16	23.04
LTE Band2	20	18700	1	#0	QPSK	23.10	24.98
LTE Band2	20	18700	1	#Mid	QPSK	23.36	25.24
LTE Band2	20	18700	1	#Max	QPSK	22.88	24.76
LTE Band2	20	18700	50	#0	QPSK	22.29	24.17
LTE Band2	20	18700	50	#Mid	QPSK	22.27	24.15
LTE Band2	20	18700	50	#Max	QPSK	22.21	24.09
LTE Band2	20	18700	100	#0	QPSK	22.26	24.14
LTE Band2	20	18700	1	#0	16QAM	21.91	23.79
LTE Band2	20	18700	1	#Mid	16QAM	22.17	24.05
LTE Band2	20	18700	1	#Max	16QAM	21.71	23.59
LTE Band2	20	18700	50	#0	16QAM	21.38	23.26
LTE Band2	20	18700	50	#Mid	16QAM	21.37	23.25
LTE Band2	20	18700	50	#Max	16QAM	21.29	23.17
LTE Band2	20	18700	100	#0	16QAM	21.29	23.17
LTE Band2	20	18900	1	#0	QPSK	22.84	24.72
LTE Band2	20	18900	1	#Mid	QPSK	23.21	25.09
LTE Band2	20	18900	1	#Max	QPSK	22.77	24.65
LTE Band2	20	18900	50	#0	QPSK	22.03	23.91
LTE Band2	20	18900	50	#Mid	QPSK	22.07	23.95
LTE Band2	20	18900	50	#Max	QPSK	22.01	23.89
LTE Band2	20	18900	100	#0	QPSK	22.05	23.93
LTE Band2	20	18900	1	#0	16QAM	22.06	23.94
LTE Band2	20	18900	1	#Mid	16QAM	22.42	24.30
LTE Band2	20	18900	1	#Max	16QAM	21.95	23.83
LTE Band2	20	18900	50	#0	16QAM	21.09	22.97
LTE Band2	20	18900	50	#Mid	16QAM	21.09	22.97
LTE Band2	20	18900	50	#Max	16QAM	21.04	22.92
LTE Band2	20	18900	100	#0	16QAM	21.05	22.93

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LTE Band2	20	19100	1	#0	QPSK	22.87	24.75
LTE Band2	20	19100	1	#Mid	QPSK	23.29	25.17
LTE Band2	20	19100	1	#Max	QPSK	22.89	24.77
LTE Band2	20	19100	50	#0	QPSK	22.08	23.96
LTE Band2	20	19100	50	#Mid	QPSK	22.15	24.03
LTE Band2	20	19100	50	#Max	QPSK	22.18	24.06
LTE Band2	20	19100	100	#0	QPSK	22.15	24.03
LTE Band2	20	19100	1	#0	16QAM	21.73	23.61
LTE Band2	20	19100	1	#Mid	16QAM	22.06	23.94
LTE Band2	20	19100	1	#Max	16QAM	21.68	23.56
LTE Band2	20	19100	50	#0	16QAM	21.12	23.00
LTE Band2	20	19100	50	#Mid	16QAM	21.10	22.98
LTE Band2	20	19100	50	#Max	16QAM	21.17	23.05
LTE Band2	20	19100	100	#0	16QAM	21.20	23.08
LTE Band2	1.4	18607	1	#0	64QAM	20.55	22.43
LTE Band2	1.4	18607	1	#Mid	64QAM	20.64	22.52
LTE Band2	1.4	18607	1	#Max	64QAM	20.56	22.44
LTE Band2	1.4	18607	3	#0	64QAM	20.64	22.52
LTE Band2	1.4	18607	3	#Mid	64QAM	20.64	22.52
LTE Band2	1.4	18607	3	#Max	64QAM	20.65	22.53
LTE Band2	1.4	18607	6	#0	64QAM	19.54	21.42
LTE Band2	1.4	18900	1	#0	64QAM	20.39	22.27
LTE Band2	1.4	18900	1	#Mid	64QAM	20.55	22.43
LTE Band2	1.4	18900	1	#Max	64QAM	20.46	22.34
LTE Band2	1.4	18900	3	#0	64QAM	20.48	22.36
LTE Band2	1.4	18900	3	#Mid	64QAM	20.44	22.32
LTE Band2	1.4	18900	3	#Max	64QAM	20.46	22.34
LTE Band2	1.4	18900	6	#0	64QAM	19.39	21.27
LTE Band2	1.4	19193	1	#0	64QAM	20.34	22.22
LTE Band2	1.4	19193	1	#Mid	64QAM	20.46	22.34
LTE Band2	1.4	19193	1	#Max	64QAM	20.35	22.23
LTE Band2	1.4	19193	3	#0	64QAM	20.39	22.27
LTE Band2	1.4	19193	3	#Mid	64QAM	20.38	22.26
LTE Band2	1.4	19193	3	#Max	64QAM	20.39	22.27
LTE Band2	1.4	19193	6	#0	64QAM	19.30	21.18
LTE Band2	3	18615	1	#0	64QAM	20.71	22.59
LTE Band2	3	18615	1	#Mid	64QAM	20.69	22.57
LTE Band2	3	18615	1	#Max	64QAM	20.66	22.54
LTE Band2	3	18615	8	#0	64QAM	19.57	21.45
LTE Band2	3	18615	8	#Mid	64QAM	19.62	21.50
LTE Band2	3	18615	8	#Max	64QAM	19.59	21.47
LTE Band2	3	18615	15	#0	64QAM	19.55	21.43
LTE Band2	3	18900	1	#0	64QAM	20.46	22.34

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LTE Band2	3	18900	1	#Mid	64QAM	20.52	22.40
LTE Band2	3	18900	1	#Max	64QAM	20.56	22.44
LTE Band2	3	18900	8	#0	64QAM	19.39	21.27
LTE Band2	3	18900	8	#Mid	64QAM	19.45	21.33
LTE Band2	3	18900	8	#Max	64QAM	19.43	21.31
LTE Band2	3	18900	15	#0	64QAM	19.39	21.27
LTE Band2	3	19185	1	#0	64QAM	20.32	22.20
LTE Band2	3	19185	1	#Mid	64QAM	20.38	22.26
LTE Band2	3	19185	1	#Max	64QAM	20.46	22.34
LTE Band2	3	19185	8	#0	64QAM	19.34	21.22
LTE Band2	3	19185	8	#Mid	64QAM	19.39	21.27
LTE Band2	3	19185	8	#Max	64QAM	19.32	21.20
LTE Band2	3	19185	15	#0	64QAM	19.32	21.20
LTE Band2	5	18625	1	#0	64QAM	20.60	22.48
LTE Band2	5	18625	1	#Mid	64QAM	20.65	22.53
LTE Band2	5	18625	1	#Max	64QAM	20.52	22.40
LTE Band2	5	18625	12	#0	64QAM	19.57	21.45
LTE Band2	5	18625	12	#Mid	64QAM	19.59	21.47
LTE Band2	5	18625	12	#Max	64QAM	19.54	21.42
LTE Band2	5	18625	25	#0	64QAM	19.53	21.41
LTE Band2	5	18900	1	#0	64QAM	20.41	22.29
LTE Band2	5	18900	1	#Mid	64QAM	20.52	22.40
LTE Band2	5	18900	1	#Max	64QAM	20.48	22.36
LTE Band2	5	18900	12	#0	64QAM	19.37	21.25
LTE Band2	5	18900	12	#Mid	64QAM	19.45	21.33
LTE Band2	5	18900	12	#Max	64QAM	19.41	21.29
LTE Band2	5	18900	25	#0	64QAM	19.36	21.24
LTE Band2	5	19175	1	#0	64QAM	20.34	22.22
LTE Band2	5	19175	1	#Mid	64QAM	20.37	22.25
LTE Band2	5	19175	1	#Max	64QAM	20.32	22.20
LTE Band2	5	19175	12	#0	64QAM	19.26	21.14
LTE Band2	5	19175	12	#Mid	64QAM	19.39	21.27
LTE Band2	5	19175	12	#Max	64QAM	19.30	21.18
LTE Band2	5	19175	25	#0	64QAM	19.26	21.14
LTE Band2	10	18650	1	#0	64QAM	20.70	22.58
LTE Band2	10	18650	1	#Mid	64QAM	20.76	22.64
LTE Band2	10	18650	1	#Max	64QAM	20.55	22.43
LTE Band2	10	18650	25	#0	64QAM	19.52	21.40
LTE Band2	10	18650	25	#Mid	64QAM	19.52	21.40
LTE Band2	10	18650	25	#Max	64QAM	19.50	21.38
LTE Band2	10	18650	50	#0	64QAM	19.55	21.43
LTE Band2	10	18900	1	#0	64QAM	20.38	22.26
LTE Band2	10	18900	1	#Mid	64QAM	20.65	22.53

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LTE Band2	10	18900	1	#Max	64QAM	20.57	22.45
LTE Band2	10	18900	25	#0	64QAM	19.35	21.23
LTE Band2	10	18900	25	#Mid	64QAM	19.44	21.32
LTE Band2	10	18900	25	#Max	64QAM	19.42	21.30
LTE Band2	10	18900	50	#0	64QAM	19.38	21.26
LTE Band2	10	19150	1	#0	64QAM	20.39	22.27
LTE Band2	10	19150	1	#Mid	64QAM	20.45	22.33
LTE Band2	10	19150	1	#Max	64QAM	20.43	22.31
LTE Band2	10	19150	25	#0	64QAM	19.25	21.13
LTE Band2	10	19150	25	#Mid	64QAM	19.35	21.23
LTE Band2	10	19150	25	#Max	64QAM	19.38	21.26
LTE Band2	10	19150	50	#0	64QAM	19.30	21.18
LTE Band2	15	18675	1	#0	64QAM	20.64	22.52
LTE Band2	15	18675	1	#Mid	64QAM	20.65	22.53
LTE Band2	15	18675	1	#Max	64QAM	20.42	22.30
LTE Band2	15	18675	36	#0	64QAM	19.54	21.42
LTE Band2	15	18675	36	#Mid	64QAM	19.51	21.39
LTE Band2	15	18675	36	#Max	64QAM	19.39	21.27
LTE Band2	15	18675	75	#0	64QAM	19.46	21.34
LTE Band2	15	18900	1	#0	64QAM	20.46	22.34
LTE Band2	15	18900	1	#Mid	64QAM	20.61	22.49
LTE Band2	15	18900	1	#Max	64QAM	20.47	22.35
LTE Band2	15	18900	36	#0	64QAM	19.32	21.20
LTE Band2	15	18900	36	#Mid	64QAM	19.43	21.31
LTE Band2	15	18900	36	#Max	64QAM	19.42	21.30
LTE Band2	15	18900	75	#0	64QAM	19.37	21.25
LTE Band2	15	19125	1	#0	64QAM	20.51	22.39
LTE Band2	15	19125	1	#Mid	64QAM	20.50	22.38
LTE Band2	15	19125	1	#Max	64QAM	20.39	22.27
LTE Band2	15	19125	36	#0	64QAM	19.34	21.22
LTE Band2	15	19125	36	#Mid	64QAM	19.36	21.24
LTE Band2	15	19125	36	#Max	64QAM	19.37	21.25
LTE Band2	15	19125	75	#0	64QAM	19.35	21.23
LTE Band2	20	18700	1	#0	64QAM	20.37	22.25
LTE Band2	20	18700	1	#Mid	64QAM	20.65	22.53
LTE Band2	20	18700	1	#Max	64QAM	20.23	22.11
LTE Band2	20	18700	50	#0	64QAM	19.48	21.36
LTE Band2	20	18700	50	#Mid	64QAM	19.41	21.29
LTE Band2	20	18700	50	#Max	64QAM	19.35	21.23
LTE Band2	20	18700	100	#0	64QAM	19.43	21.31
LTE Band2	20	18900	1	#0	64QAM	20.23	22.11
LTE Band2	20	18900	1	#Mid	64QAM	20.59	22.47
LTE Band2	20	18900	1	#Max	64QAM	20.37	22.25

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LTE Band2	20	18900	50	#0	64QAM	19.29	21.17
LTE Band2	20	18900	50	#Mid	64QAM	19.45	21.33
LTE Band2	20	18900	50	#Max	64QAM	19.32	21.20
LTE Band2	20	18900	100	#0	64QAM	19.32	21.20
LTE Band2	20	19100	1	#0	64QAM	20.39	22.27
LTE Band2	20	19100	1	#Mid	64QAM	20.51	22.39
LTE Band2	20	19100	1	#Max	64QAM	20.12	22.00
LTE Band2	20	19100	50	#0	64QAM	19.48	21.36
LTE Band2	20	19100	50	#Mid	64QAM	19.39	21.27
LTE Band2	20	19100	50	#Max	64QAM	19.47	21.35
LTE Band2	20	19100	100	#0	64QAM	19.48	21.36

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band4	1.4	19957	1	#0	QPSK	23.46	24.94
LTE Band4	1.4	19957	1	#Mid	QPSK	23.77	25.25
LTE Band4	1.4	19957	1	#Max	QPSK	23.52	25.00
LTE Band4	1.4	19957	3	#0	QPSK	23.68	25.16
LTE Band4	1.4	19957	3	#Mid	QPSK	23.67	25.15
LTE Band4	1.4	19957	3	#Max	QPSK	23.64	25.12
LTE Band4	1.4	19957	6	#0	QPSK	22.54	24.02
LTE Band4	1.4	19957	1	#0	16QAM	22.42	23.90
LTE Band4	1.4	19957	1	#Mid	16QAM	22.70	24.18
LTE Band4	1.4	19957	1	#Max	16QAM	22.41	23.89
LTE Band4	1.4	19957	3	#0	16QAM	22.62	24.10
LTE Band4	1.4	19957	3	#Mid	16QAM	22.62	24.10
LTE Band4	1.4	19957	3	#Max	16QAM	22.61	24.09
LTE Band4	1.4	19957	6	#0	16QAM	21.56	23.04
LTE Band4	1.4	20175	1	#0	QPSK	23.62	25.10
LTE Band4	1.4	20175	1	#Mid	QPSK	23.82	25.30
LTE Band4	1.4	20175	1	#Max	QPSK	23.63	25.11
LTE Band4	1.4	20175	3	#0	QPSK	23.65	25.13
LTE Band4	1.4	20175	3	#Mid	QPSK	23.65	25.13
LTE Band4	1.4	20175	3	#Max	QPSK	23.67	25.15
LTE Band4	1.4	20175	6	#0	QPSK	22.54	24.02
LTE Band4	1.4	20175	1	#0	16QAM	22.68	24.16
LTE Band4	1.4	20175	1	#Mid	16QAM	22.96	24.44
LTE Band4	1.4	20175	1	#Max	16QAM	22.63	24.11
LTE Band4	1.4	20175	3	#0	16QAM	22.84	24.32
LTE Band4	1.4	20175	3	#Mid	16QAM	22.82	24.30
LTE Band4	1.4	20175	3	#Max	16QAM	22.85	24.33
LTE Band4	1.4	20175	6	#0	16QAM	21.63	23.11
LTE Band4	1.4	20393	1	#0	QPSK	23.57	25.05

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LTE Band4	1.4	20393	1	#Mid	QPSK	23.88	25.36
LTE Band4	1.4	20393	1	#Max	QPSK	23.65	25.13
LTE Band4	1.4	20393	3	#0	QPSK	23.77	25.25
LTE Band4	1.4	20393	3	#Mid	QPSK	23.75	25.23
LTE Band4	1.4	20393	3	#Max	QPSK	23.70	25.18
LTE Band4	1.4	20393	6	#0	QPSK	22.68	24.16
LTE Band4	1.4	20393	1	#0	16QAM	22.82	24.30
LTE Band4	1.4	20393	1	#Mid	16QAM	23.07	24.55
LTE Band4	1.4	20393	1	#Max	16QAM	22.79	24.27
LTE Band4	1.4	20393	3	#0	16QAM	22.77	24.25
LTE Band4	1.4	20393	3	#Mid	16QAM	22.78	24.26
LTE Band4	1.4	20393	3	#Max	16QAM	22.76	24.24
LTE Band4	1.4	20393	6	#0	16QAM	21.65	23.13
LTE Band4	3	19965	1	#0	QPSK	23.61	25.09
LTE Band4	3	19965	1	#Mid	QPSK	23.68	25.16
LTE Band4	3	19965	1	#Max	QPSK	23.69	25.17
LTE Band4	3	19965	8	#0	QPSK	22.60	24.08
LTE Band4	3	19965	8	#Mid	QPSK	22.58	24.06
LTE Band4	3	19965	8	#Max	QPSK	22.58	24.06
LTE Band4	3	19965	15	#0	QPSK	22.58	24.06
LTE Band4	3	19965	1	#0	16QAM	22.51	23.99
LTE Band4	3	19965	1	#Mid	16QAM	22.53	24.01
LTE Band4	3	19965	1	#Max	16QAM	22.54	24.02
LTE Band4	3	19965	8	#0	16QAM	21.66	23.14
LTE Band4	3	19965	8	#Mid	16QAM	21.64	23.12
LTE Band4	3	19965	8	#Max	16QAM	21.65	23.13
LTE Band4	3	19965	15	#0	16QAM	21.65	23.13
LTE Band4	3	20175	1	#0	QPSK	23.60	25.08
LTE Band4	3	20175	1	#Mid	QPSK	23.60	25.08
LTE Band4	3	20175	1	#Max	QPSK	23.57	25.05
LTE Band4	3	20175	8	#0	QPSK	22.62	24.10
LTE Band4	3	20175	8	#Mid	QPSK	22.62	24.10
LTE Band4	3	20175	8	#Max	QPSK	22.60	24.08
LTE Band4	3	20175	15	#0	QPSK	22.60	24.08
LTE Band4	3	20175	1	#0	16QAM	22.95	24.43
LTE Band4	3	20175	1	#Mid	16QAM	22.91	24.39
LTE Band4	3	20175	1	#Max	16QAM	22.93	24.41
LTE Band4	3	20175	8	#0	16QAM	21.71	23.19
LTE Band4	3	20175	8	#Mid	16QAM	21.70	23.18
LTE Band4	3	20175	8	#Max	16QAM	21.70	23.18
LTE Band4	3	20175	15	#0	16QAM	21.62	23.10
LTE Band4	3	20385	1	#0	QPSK	23.66	25.14
LTE Band4	3	20385	1	#Mid	QPSK	23.70	25.18

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LTE Band4	3	20385	1	#Max	QPSK	23.73	25.21
LTE Band4	3	20385	8	#0	QPSK	22.68	24.16
LTE Band4	3	20385	8	#Mid	QPSK	22.70	24.18
LTE Band4	3	20385	8	#Max	QPSK	22.72	24.20
LTE Band4	3	20385	15	#0	QPSK	22.67	24.15
LTE Band4	3	20385	1	#0	16QAM	22.83	24.31
LTE Band4	3	20385	1	#Mid	16QAM	22.86	24.34
LTE Band4	3	20385	1	#Max	16QAM	22.85	24.33
LTE Band4	3	20385	8	#0	16QAM	21.72	23.20
LTE Band4	3	20385	8	#Mid	16QAM	21.73	23.21
LTE Band4	3	20385	8	#Max	16QAM	21.73	23.21
LTE Band4	3	20385	15	#0	16QAM	21.59	23.07
LTE Band4	5	19975	1	#0	QPSK	23.41	24.89
LTE Band4	5	19975	1	#Mid	QPSK	23.56	25.04
LTE Band4	5	19975	1	#Max	QPSK	23.46	24.94
LTE Band4	5	19975	12	#0	QPSK	22.58	24.06
LTE Band4	5	19975	12	#Mid	QPSK	22.58	24.06
LTE Band4	5	19975	12	#Max	QPSK	22.63	24.11
LTE Band4	5	19975	25	#0	QPSK	22.61	24.09
LTE Band4	5	19975	1	#0	16QAM	22.82	24.30
LTE Band4	5	19975	1	#Mid	16QAM	22.89	24.37
LTE Band4	5	19975	1	#Max	16QAM	22.85	24.33
LTE Band4	5	19975	12	#0	16QAM	21.62	23.10
LTE Band4	5	19975	12	#Mid	16QAM	21.66	23.14
LTE Band4	5	19975	12	#Max	16QAM	21.71	23.19
LTE Band4	5	19975	25	#0	16QAM	21.68	23.16
LTE Band4	5	20175	1	#0	QPSK	23.48	24.96
LTE Band4	5	20175	1	#Mid	QPSK	23.61	25.09
LTE Band4	5	20175	1	#Max	QPSK	23.50	24.98
LTE Band4	5	20175	12	#0	QPSK	22.69	24.17
LTE Band4	5	20175	12	#Mid	QPSK	22.71	24.19
LTE Band4	5	20175	12	#Max	QPSK	22.66	24.14
LTE Band4	5	20175	25	#0	QPSK	22.70	24.18
LTE Band4	5	20175	1	#0	16QAM	22.87	24.35
LTE Band4	5	20175	1	#Mid	16QAM	22.97	24.45
LTE Band4	5	20175	1	#Max	16QAM	22.85	24.33
LTE Band4	5	20175	12	#0	16QAM	21.66	23.14
LTE Band4	5	20175	12	#Mid	16QAM	21.66	23.14
LTE Band4	5	20175	12	#Max	16QAM	21.62	23.10
LTE Band4	5	20175	25	#0	16QAM	21.75	23.23
LTE Band4	5	20375	1	#0	QPSK	23.60	25.08
LTE Band4	5	20375	1	#Mid	QPSK	23.67	25.15
LTE Band4	5	20375	1	#Max	QPSK	23.67	25.15

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LTE Band4	5	20375	12	#0	QPSK	22.71	24.19
LTE Band4	5	20375	12	#Mid	QPSK	22.72	24.20
LTE Band4	5	20375	12	#Max	QPSK	22.73	24.21
LTE Band4	5	20375	25	#0	QPSK	22.72	24.20
LTE Band4	5	20375	1	#0	16QAM	22.81	24.29
LTE Band4	5	20375	1	#Mid	16QAM	22.89	24.37
LTE Band4	5	20375	1	#Max	16QAM	22.85	24.33
LTE Band4	5	20375	12	#0	16QAM	21.69	23.17
LTE Band4	5	20375	12	#Mid	16QAM	21.68	23.16
LTE Band4	5	20375	12	#Max	16QAM	21.70	23.18
LTE Band4	5	20375	25	#0	16QAM	21.72	23.20
LTE Band4	10	20000	1	#0	QPSK	23.61	25.09
LTE Band4	10	20000	1	#Mid	QPSK	23.86	25.34
LTE Band4	10	20000	1	#Max	QPSK	23.69	25.17
LTE Band4	10	20000	25	#0	QPSK	22.59	24.07
LTE Band4	10	20000	25	#Mid	QPSK	22.60	24.08
LTE Band4	10	20000	25	#Max	QPSK	22.70	24.18
LTE Band4	10	20000	50	#0	QPSK	22.65	24.13
LTE Band4	10	20000	1	#0	16QAM	22.45	23.93
LTE Band4	10	20000	1	#Mid	16QAM	22.64	24.12
LTE Band4	10	20000	1	#Max	16QAM	22.49	23.97
LTE Band4	10	20000	25	#0	16QAM	21.69	23.17
LTE Band4	10	20000	25	#Mid	16QAM	21.66	23.14
LTE Band4	10	20000	25	#Max	16QAM	21.78	23.26
LTE Band4	10	20000	50	#0	16QAM	21.73	23.21
LTE Band4	10	20175	1	#0	QPSK	23.60	25.08
LTE Band4	10	20175	1	#Mid	QPSK	23.76	25.24
LTE Band4	10	20175	1	#Max	QPSK	23.55	25.03
LTE Band4	10	20175	25	#0	QPSK	22.71	24.19
LTE Band4	10	20175	25	#Mid	QPSK	22.71	24.19
LTE Band4	10	20175	25	#Max	QPSK	22.68	24.16
LTE Band4	10	20175	50	#0	QPSK	22.73	24.21
LTE Band4	10	20175	1	#0	16QAM	22.91	24.39
LTE Band4	10	20175	1	#Mid	16QAM	23.06	24.54
LTE Band4	10	20175	1	#Max	16QAM	22.90	24.38
LTE Band4	10	20175	25	#0	16QAM	21.86	23.34
LTE Band4	10	20175	25	#Mid	16QAM	21.85	23.33
LTE Band4	10	20175	25	#Max	16QAM	21.82	23.30
LTE Band4	10	20175	50	#0	16QAM	21.79	23.27
LTE Band4	10	20350	1	#0	QPSK	23.66	25.14
LTE Band4	10	20350	1	#Mid	QPSK	23.76	25.24
LTE Band4	10	20350	1	#Max	QPSK	23.63	25.11
LTE Band4	10	20350	25	#0	QPSK	22.72	24.20

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LTE Band4	10	20350	25	#Mid	QPSK	22.71	24.19
LTE Band4	10	20350	25	#Max	QPSK	22.70	24.18
LTE Band4	10	20350	50	#0	QPSK	22.76	24.24
LTE Band4	10	20350	1	#0	16QAM	22.17	23.65
LTE Band4	10	20350	1	#Mid	16QAM	23.01	24.49
LTE Band4	10	20350	1	#Max	16QAM	22.84	24.32
LTE Band4	10	20350	25	#0	16QAM	21.79	23.27
LTE Band4	10	20350	25	#Mid	16QAM	21.75	23.23
LTE Band4	10	20350	25	#Max	16QAM	21.77	23.25
LTE Band4	10	20350	50	#0	16QAM	21.74	23.22
LTE Band4	15	20025	1	#0	QPSK	23.52	25.00
LTE Band4	15	20025	1	#Mid	QPSK	23.62	25.10
LTE Band4	15	20025	1	#Max	QPSK	23.50	24.98
LTE Band4	15	20025	36	#0	QPSK	22.68	24.16
LTE Band4	15	20025	36	#Mid	QPSK	22.68	24.16
LTE Band4	15	20025	36	#Max	QPSK	22.68	24.16
LTE Band4	15	20025	75	#0	QPSK	22.68	24.16
LTE Band4	15	20025	1	#0	16QAM	22.68	24.16
LTE Band4	15	20025	1	#Mid	16QAM	22.85	24.33
LTE Band4	15	20025	1	#Max	16QAM	22.64	24.12
LTE Band4	15	20025	36	#0	16QAM	21.67	23.15
LTE Band4	15	20025	36	#Mid	16QAM	21.65	23.13
LTE Band4	15	20025	36	#Max	16QAM	21.66	23.14
LTE Band4	15	20025	75	#0	16QAM	21.71	23.19
LTE Band4	15	20175	1	#0	QPSK	23.57	25.05
LTE Band4	15	20175	1	#Mid	QPSK	23.67	25.15
LTE Band4	15	20175	1	#Max	QPSK	23.47	24.95
LTE Band4	15	20175	36	#0	QPSK	22.66	24.14
LTE Band4	15	20175	36	#Mid	QPSK	22.66	24.14
LTE Band4	15	20175	36	#Max	QPSK	22.65	24.13
LTE Band4	15	20175	75	#0	QPSK	22.67	24.15
LTE Band4	15	20175	1	#0	16QAM	22.59	24.07
LTE Band4	15	20175	1	#Mid	16QAM	22.71	24.19
LTE Band4	15	20175	1	#Max	16QAM	22.55	24.03
LTE Band4	15	20175	36	#0	16QAM	21.68	23.16
LTE Band4	15	20175	36	#Mid	16QAM	21.65	23.13
LTE Band4	15	20175	36	#Max	16QAM	21.63	23.11
LTE Band4	15	20175	75	#0	16QAM	21.74	23.22
LTE Band4	15	20325	1	#0	QPSK	23.57	25.05
LTE Band4	15	20325	1	#Mid	QPSK	23.68	25.16
LTE Band4	15	20325	1	#Max	QPSK	23.52	25.00
LTE Band4	15	20325	36	#0	QPSK	22.71	24.19
LTE Band4	15	20325	36	#Mid	QPSK	22.71	24.19

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LTE Band4	15	20325	36	#Max	QPSK	22.68	24.16
LTE Band4	15	20325	75	#0	QPSK	22.69	24.17
LTE Band4	15	20325	1	#0	16QAM	22.88	24.36
LTE Band4	15	20325	1	#Mid	16QAM	23.00	24.48
LTE Band4	15	20325	1	#Max	16QAM	22.82	24.30
LTE Band4	15	20325	36	#0	16QAM	21.74	23.22
LTE Band4	15	20325	36	#Mid	16QAM	21.71	23.19
LTE Band4	15	20325	36	#Max	16QAM	21.68	23.16
LTE Band4	15	20325	75	#0	16QAM	21.72	23.20
LTE Band4	20	20050	1	#0	QPSK	23.28	24.76
LTE Band4	20	20050	1	#Mid	QPSK	23.79	25.27
LTE Band4	20	20050	1	#Max	QPSK	23.43	24.91
LTE Band4	20	20050	50	#0	QPSK	22.64	24.12
LTE Band4	20	20050	50	#Mid	QPSK	22.62	24.10
LTE Band4	20	20050	50	#Max	QPSK	22.55	24.03
LTE Band4	20	20050	100	#0	QPSK	22.63	24.11
LTE Band4	20	20050	1	#0	16QAM	22.09	23.57
LTE Band4	20	20050	1	#Mid	16QAM	22.64	24.12
LTE Band4	20	20050	1	#Max	16QAM	22.26	23.74
LTE Band4	20	20050	50	#0	16QAM	21.71	23.19
LTE Band4	20	20050	50	#Mid	16QAM	21.71	23.19
LTE Band4	20	20050	50	#Max	16QAM	21.65	23.13
LTE Band4	20	20050	100	#0	16QAM	21.66	23.14
LTE Band4	20	20175	1	#0	QPSK	23.29	24.77
LTE Band4	20	20175	1	#Mid	QPSK	23.80	25.28
LTE Band4	20	20175	1	#Max	QPSK	23.33	24.81
LTE Band4	20	20175	50	#0	QPSK	22.71	24.19
LTE Band4	20	20175	50	#Mid	QPSK	22.69	24.17
LTE Band4	20	20175	50	#Max	QPSK	22.62	24.10
LTE Band4	20	20175	100	#0	QPSK	22.73	24.21
LTE Band4	20	20175	1	#0	16QAM	22.55	24.03
LTE Band4	20	20175	1	#Mid	16QAM	23.04	24.52
LTE Band4	20	20175	1	#Max	16QAM	22.55	24.03
LTE Band4	20	20175	50	#0	16QAM	21.75	23.23
LTE Band4	20	20175	50	#Mid	16QAM	21.76	23.24
LTE Band4	20	20175	50	#Max	16QAM	21.70	23.18
LTE Band4	20	20175	100	#0	16QAM	21.75	23.23
LTE Band4	20	20300	1	#0	QPSK	23.43	24.91
LTE Band4	20	20300	1	#Mid	QPSK	23.95	25.43
LTE Band4	20	20300	1	#Max	QPSK	23.42	24.90
LTE Band4	20	20300	50	#0	QPSK	22.66	24.14
LTE Band4	20	20300	50	#Mid	QPSK	22.65	24.13
LTE Band4	20	20300	50	#Max	QPSK	22.61	24.09

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LTE Band4	20	20300	100	#0	QPSK	22.67	24.15
LTE Band4	20	20300	1	#0	16QAM	22.30	23.78
LTE Band4	20	20300	1	#Mid	16QAM	22.75	24.23
LTE Band4	20	20300	1	#Max	16QAM	22.26	23.74
LTE Band4	20	20300	50	#0	16QAM	21.68	23.16
LTE Band4	20	20300	50	#Mid	16QAM	21.67	23.15
LTE Band4	20	20300	50	#Max	16QAM	21.60	23.08
LTE Band4	20	20300	100	#0	16QAM	21.73	23.21
LTE Band4	1.4	19957	1	#0	64QAM	20.83	22.31
LTE Band4	1.4	19957	1	#Mid	64QAM	20.97	22.45
LTE Band4	1.4	19957	1	#Max	64QAM	20.89	22.37
LTE Band4	1.4	19957	3	#0	64QAM	20.82	22.30
LTE Band4	1.4	19957	3	#Mid	64QAM	20.82	22.30
LTE Band4	1.4	19957	3	#Max	64QAM	20.84	22.32
LTE Band4	1.4	19957	6	#0	64QAM	19.73	21.21
LTE Band4	1.4	20175	1	#0	64QAM	20.97	22.45
LTE Band4	1.4	20175	1	#Mid	64QAM	21.15	22.63
LTE Band4	1.4	20175	1	#Max	64QAM	21.01	22.49
LTE Band4	1.4	20175	3	#0	64QAM	20.94	22.42
LTE Band4	1.4	20175	3	#Mid	64QAM	20.98	22.46
LTE Band4	1.4	20175	3	#Max	64QAM	20.95	22.43
LTE Band4	1.4	20175	6	#0	64QAM	19.88	21.36
LTE Band4	1.4	20393	1	#0	64QAM	21.12	22.60
LTE Band4	1.4	20393	1	#Mid	64QAM	21.26	22.74
LTE Band4	1.4	20393	1	#Max	64QAM	21.09	22.57
LTE Band4	1.4	20393	3	#0	64QAM	21.10	22.58
LTE Band4	1.4	20393	3	#Mid	64QAM	21.13	22.61
LTE Band4	1.4	20393	3	#Max	64QAM	21.12	22.60
LTE Band4	1.4	20393	6	#0	64QAM	20.02	21.50
LTE Band4	3	19965	1	#0	64QAM	20.92	22.40
LTE Band4	3	19965	1	#Mid	64QAM	21.00	22.48
LTE Band4	3	19965	1	#Max	64QAM	21.06	22.54
LTE Band4	3	19965	8	#0	64QAM	19.79	21.27
LTE Band4	3	19965	8	#Mid	64QAM	19.82	21.30
LTE Band4	3	19965	8	#Max	64QAM	19.82	21.30
LTE Band4	3	19965	15	#0	64QAM	19.76	21.24
LTE Band4	3	20175	1	#0	64QAM	21.10	22.58
LTE Band4	3	20175	1	#Mid	64QAM	21.09	22.57
LTE Band4	3	20175	1	#Max	64QAM	21.11	22.59
LTE Band4	3	20175	8	#0	64QAM	19.95	21.43
LTE Band4	3	20175	8	#Mid	64QAM	20.00	21.48
LTE Band4	3	20175	8	#Max	64QAM	19.95	21.43
LTE Band4	3	20175	15	#0	64QAM	19.87	21.35

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LTE Band4	3	20385	1	#0	64QAM	21.14	22.62
LTE Band4	3	20385	1	#Mid	64QAM	21.16	22.64
LTE Band4	3	20385	1	#Max	64QAM	21.25	22.73
LTE Band4	3	20385	8	#0	64QAM	20.05	21.53
LTE Band4	3	20385	8	#Mid	64QAM	20.14	21.62
LTE Band4	3	20385	8	#Max	64QAM	20.10	21.58
LTE Band4	3	20385	15	#0	64QAM	20.01	21.49
LTE Band4	5	19975	1	#0	64QAM	20.81	22.29
LTE Band4	5	19975	1	#Mid	64QAM	20.93	22.41
LTE Band4	5	19975	1	#Max	64QAM	20.87	22.35
LTE Band4	5	19975	12	#0	64QAM	19.77	21.25
LTE Band4	5	19975	12	#Mid	64QAM	19.84	21.32
LTE Band4	5	19975	12	#Max	64QAM	19.86	21.34
LTE Band4	5	19975	25	#0	64QAM	19.79	21.27
LTE Band4	5	20175	1	#0	64QAM	21.02	22.50
LTE Band4	5	20175	1	#Mid	64QAM	21.14	22.62
LTE Band4	5	20175	1	#Max	64QAM	20.99	22.47
LTE Band4	5	20175	12	#0	64QAM	19.94	21.42
LTE Band4	5	20175	12	#Mid	64QAM	19.98	21.46
LTE Band4	5	20175	12	#Max	64QAM	19.92	21.40
LTE Band4	5	20175	25	#0	64QAM	19.93	21.41
LTE Band4	5	20375	1	#0	64QAM	21.03	22.51
LTE Band4	5	20375	1	#Mid	64QAM	21.18	22.66
LTE Band4	5	20375	1	#Max	64QAM	21.11	22.59
LTE Band4	5	20375	12	#0	64QAM	20.04	21.52
LTE Band4	5	20375	12	#Mid	64QAM	20.13	21.61
LTE Band4	5	20375	12	#Max	64QAM	20.09	21.57
LTE Band4	5	20375	25	#0	64QAM	20.04	21.52
LTE Band4	10	20000	1	#0	64QAM	20.86	22.34
LTE Band4	10	20000	1	#Mid	64QAM	21.06	22.54
LTE Band4	10	20000	1	#Max	64QAM	21.05	22.53
LTE Band4	10	20000	25	#0	64QAM	19.80	21.28
LTE Band4	10	20000	25	#Mid	64QAM	19.87	21.35
LTE Band4	10	20000	25	#Max	64QAM	19.95	21.43
LTE Band4	10	20000	50	#0	64QAM	19.88	21.36
LTE Band4	10	20175	1	#0	64QAM	21.01	22.49
LTE Band4	10	20175	1	#Mid	64QAM	21.20	22.68
LTE Band4	10	20175	1	#Max	64QAM	21.07	22.55
LTE Band4	10	20175	25	#0	64QAM	19.98	21.46
LTE Band4	10	20175	25	#Mid	64QAM	19.95	21.43
LTE Band4	10	20175	25	#Max	64QAM	19.96	21.44
LTE Band4	10	20175	50	#0	64QAM	19.98	21.46
LTE Band4	10	20350	1	#0	64QAM	21.15	22.63

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LTE Band4	10	20350	1	#Mid	64QAM	21.25	22.73
LTE Band4	10	20350	1	#Max	64QAM	21.23	22.71
LTE Band4	10	20350	25	#0	64QAM	20.05	21.53
LTE Band4	10	20350	25	#Mid	64QAM	20.05	21.53
LTE Band4	10	20350	25	#Max	64QAM	20.09	21.57
LTE Band4	10	20350	50	#0	64QAM	20.05	21.53
LTE Band4	15	20025	1	#0	64QAM	20.80	22.28
LTE Band4	15	20025	1	#Mid	64QAM	21.10	22.58
LTE Band4	15	20025	1	#Max	64QAM	20.98	22.46
LTE Band4	15	20025	36	#0	64QAM	19.85	21.33
LTE Band4	15	20025	36	#Mid	64QAM	19.92	21.40
LTE Band4	15	20025	36	#Max	64QAM	19.95	21.43
LTE Band4	15	20025	75	#0	64QAM	19.88	21.36
LTE Band4	15	20175	1	#0	64QAM	21.02	22.50
LTE Band4	15	20175	1	#Mid	64QAM	21.05	22.53
LTE Band4	15	20175	1	#Max	64QAM	20.98	22.46
LTE Band4	15	20175	36	#0	64QAM	19.96	21.44
LTE Band4	15	20175	36	#Mid	64QAM	19.98	21.46
LTE Band4	15	20175	36	#Max	64QAM	19.96	21.44
LTE Band4	15	20175	75	#0	64QAM	19.95	21.43
LTE Band4	15	20325	1	#0	64QAM	21.04	22.52
LTE Band4	15	20325	1	#Mid	64QAM	21.14	22.62
LTE Band4	15	20325	1	#Max	64QAM	21.18	22.66
LTE Band4	15	20325	36	#0	64QAM	20.03	21.51
LTE Band4	15	20325	36	#Mid	64QAM	20.07	21.55
LTE Band4	15	20325	36	#Max	64QAM	20.05	21.53
LTE Band4	15	20325	75	#0	64QAM	20.03	21.51
LTE Band4	20	20050	1	#0	64QAM	20.68	22.16
LTE Band4	20	20050	1	#Mid	64QAM	21.13	22.61
LTE Band4	20	20050	1	#Max	64QAM	20.93	22.41
LTE Band4	20	20050	50	#0	64QAM	19.85	21.33
LTE Band4	20	20050	50	#Mid	64QAM	19.93	21.41
LTE Band4	20	20050	50	#Max	64QAM	19.93	21.41
LTE Band4	20	20050	100	#0	64QAM	19.87	21.35
LTE Band4	20	20175	1	#0	64QAM	20.84	22.32
LTE Band4	20	20175	1	#Mid	64QAM	21.23	22.71
LTE Band4	20	20175	1	#Max	64QAM	20.85	22.33
LTE Band4	20	20175	50	#0	64QAM	19.98	21.46
LTE Band4	20	20175	50	#Mid	64QAM	19.96	21.44
LTE Band4	20	20175	50	#Max	64QAM	19.97	21.45
LTE Band4	20	20175	100	#0	64QAM	19.98	21.46
LTE Band4	20	20300	1	#0	64QAM	20.79	22.27
LTE Band4	20	20300	1	#Mid	64QAM	21.29	22.77

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LTE Band4	20	20300	1	#Max	64QAM	20.93	22.41
LTE Band4	20	20300	50	#0	64QAM	19.95	21.43
LTE Band4	20	20300	50	#Mid	64QAM	20.07	21.55
LTE Band4	20	20300	50	#Max	64QAM	20.05	21.53
LTE Band4	20	20300	100	#0	64QAM	20.00	21.48

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band5	1.4	20407	1	#0	QPSK	22.79	22.97
LTE Band5	1.4	20407	1	#Mid	QPSK	23.01	23.19
LTE Band5	1.4	20407	1	#Max	QPSK	22.78	22.96
LTE Band5	1.4	20407	3	#0	QPSK	22.85	23.03
LTE Band5	1.4	20407	3	#Mid	QPSK	22.83	23.01
LTE Band5	1.4	20407	3	#Max	QPSK	22.83	23.01
LTE Band5	1.4	20407	6	#0	QPSK	21.77	21.95
LTE Band5	1.4	20407	1	#0	16QAM	21.77	21.95
LTE Band5	1.4	20407	1	#Mid	16QAM	22.09	22.27
LTE Band5	1.4	20407	1	#Max	16QAM	21.78	21.96
LTE Band5	1.4	20407	3	#0	16QAM	22.02	22.20
LTE Band5	1.4	20407	3	#Mid	16QAM	22.02	22.20
LTE Band5	1.4	20407	3	#Max	16QAM	22.06	22.24
LTE Band5	1.4	20407	6	#0	16QAM	20.77	20.95
LTE Band5	1.4	20525	1	#0	QPSK	22.79	22.97
LTE Band5	1.4	20525	1	#Mid	QPSK	23.01	23.19
LTE Band5	1.4	20525	1	#Max	QPSK	22.79	22.97
LTE Band5	1.4	20525	3	#0	QPSK	22.90	23.08
LTE Band5	1.4	20525	3	#Mid	QPSK	22.93	23.11
LTE Band5	1.4	20525	3	#Max	QPSK	22.89	23.07
LTE Band5	1.4	20525	6	#0	QPSK	21.83	22.01
LTE Band5	1.4	20525	1	#0	16QAM	22.02	22.20
LTE Band5	1.4	20525	1	#Mid	16QAM	22.23	22.41
LTE Band5	1.4	20525	1	#Max	16QAM	22.02	22.20
LTE Band5	1.4	20525	3	#0	16QAM	21.96	22.14
LTE Band5	1.4	20525	3	#Mid	16QAM	21.93	22.11
LTE Band5	1.4	20525	3	#Max	16QAM	21.96	22.14
LTE Band5	1.4	20525	6	#0	16QAM	20.76	20.94
LTE Band5	1.4	20643	1	#0	QPSK	22.86	23.04
LTE Band5	1.4	20643	1	#Mid	QPSK	23.03	23.21
LTE Band5	1.4	20643	1	#Max	QPSK	22.84	23.02
LTE Band5	1.4	20643	3	#0	QPSK	22.90	23.08
LTE Band5	1.4	20643	3	#Mid	QPSK	22.93	23.11
LTE Band5	1.4	20643	3	#Max	QPSK	22.88	23.06
LTE Band5	1.4	20643	6	#0	QPSK	21.83	22.01

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LTE Band5	1.4	20643	1	#0	16QAM	21.74	21.92
LTE Band5	1.4	20643	1	#Mid	16QAM	21.92	22.10
LTE Band5	1.4	20643	1	#Max	16QAM	21.73	21.91
LTE Band5	1.4	20643	3	#0	16QAM	21.87	22.05
LTE Band5	1.4	20643	3	#Mid	16QAM	21.89	22.07
LTE Band5	1.4	20643	3	#Max	16QAM	21.86	22.04
LTE Band5	1.4	20643	6	#0	16QAM	20.79	20.97
LTE Band5	3	20415	1	#0	QPSK	22.81	22.99
LTE Band5	3	20415	1	#Mid	QPSK	22.82	23.00
LTE Band5	3	20415	1	#Max	QPSK	22.86	23.04
LTE Band5	3	20415	8	#0	QPSK	21.75	21.93
LTE Band5	3	20415	8	#Mid	QPSK	21.75	21.93
LTE Band5	3	20415	8	#Max	QPSK	21.75	21.93
LTE Band5	3	20415	15	#0	QPSK	21.74	21.92
LTE Band5	3	20415	1	#0	16QAM	21.68	21.86
LTE Band5	3	20415	1	#Mid	16QAM	21.67	21.85
LTE Band5	3	20415	1	#Max	16QAM	21.68	21.86
LTE Band5	3	20415	8	#0	16QAM	20.79	20.97
LTE Band5	3	20415	8	#Mid	16QAM	20.81	20.99
LTE Band5	3	20415	8	#Max	16QAM	20.80	20.98
LTE Band5	3	20415	15	#0	16QAM	20.74	20.92
LTE Band5	3	20525	1	#0	QPSK	22.83	23.01
LTE Band5	3	20525	1	#Mid	QPSK	22.78	22.96
LTE Band5	3	20525	1	#Max	QPSK	22.78	22.96
LTE Band5	3	20525	8	#0	QPSK	21.82	22.00
LTE Band5	3	20525	8	#Mid	QPSK	21.83	22.01
LTE Band5	3	20525	8	#Max	QPSK	21.81	21.99
LTE Band5	3	20525	15	#0	QPSK	21.82	22.00
LTE Band5	3	20525	1	#0	16QAM	22.13	22.31
LTE Band5	3	20525	1	#Mid	16QAM	22.15	22.33
LTE Band5	3	20525	1	#Max	16QAM	22.14	22.32
LTE Band5	3	20525	8	#0	16QAM	20.89	21.07
LTE Band5	3	20525	8	#Mid	16QAM	20.90	21.08
LTE Band5	3	20525	8	#Max	16QAM	20.89	21.07
LTE Band5	3	20525	15	#0	16QAM	20.76	20.94
LTE Band5	3	20635	1	#0	QPSK	22.86	23.04
LTE Band5	3	20635	1	#Mid	QPSK	22.79	22.97
LTE Band5	3	20635	1	#Max	QPSK	22.82	23.00
LTE Band5	3	20635	8	#0	QPSK	21.86	22.04
LTE Band5	3	20635	8	#Mid	QPSK	21.89	22.07
LTE Band5	3	20635	8	#Max	QPSK	21.83	22.01
LTE Band5	3	20635	15	#0	QPSK	21.84	22.02
LTE Band5	3	20635	1	#0	16QAM	22.10	22.28

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LTE Band5	3	20635	1	#Mid	16QAM	22.04	22.22
LTE Band5	3	20635	1	#Max	16QAM	22.00	22.18
LTE Band5	3	20635	8	#0	16QAM	20.88	21.06
LTE Band5	3	20635	8	#Mid	16QAM	20.90	21.08
LTE Band5	3	20635	8	#Max	16QAM	20.83	21.01
LTE Band5	3	20635	15	#0	16QAM	20.70	20.88
LTE Band5	5	20425	1	#0	QPSK	22.63	22.81
LTE Band5	5	20425	1	#Mid	QPSK	22.73	22.91
LTE Band5	5	20425	1	#Max	QPSK	22.63	22.81
LTE Band5	5	20425	12	#0	QPSK	21.73	21.91
LTE Band5	5	20425	12	#Mid	QPSK	21.73	21.91
LTE Band5	5	20425	12	#Max	QPSK	21.80	21.98
LTE Band5	5	20425	25	#0	QPSK	21.77	21.95
LTE Band5	5	20425	1	#0	16QAM	21.97	22.15
LTE Band5	5	20425	1	#Mid	16QAM	22.11	22.29
LTE Band5	5	20425	1	#Max	16QAM	21.98	22.16
LTE Band5	5	20425	12	#0	16QAM	20.79	20.97
LTE Band5	5	20425	12	#Mid	16QAM	20.80	20.98
LTE Band5	5	20425	12	#Max	16QAM	20.87	21.05
LTE Band5	5	20425	25	#0	16QAM	20.79	20.97
LTE Band5	5	20525	1	#0	QPSK	22.78	22.96
LTE Band5	5	20525	1	#Mid	QPSK	22.90	23.08
LTE Band5	5	20525	1	#Max	QPSK	22.76	22.94
LTE Band5	5	20525	12	#0	QPSK	21.86	22.04
LTE Band5	5	20525	12	#Mid	QPSK	21.89	22.07
LTE Band5	5	20525	12	#Max	QPSK	21.81	21.99
LTE Band5	5	20525	25	#0	QPSK	21.91	22.09
LTE Band5	5	20525	1	#0	16QAM	22.11	22.29
LTE Band5	5	20525	1	#Mid	16QAM	22.20	22.38
LTE Band5	5	20525	1	#Max	16QAM	22.10	22.28
LTE Band5	5	20525	12	#0	16QAM	20.89	21.07
LTE Band5	5	20525	12	#Mid	16QAM	20.89	21.07
LTE Band5	5	20525	12	#Max	16QAM	20.82	21.00
LTE Band5	5	20525	25	#0	16QAM	20.88	21.06
LTE Band5	5	20625	1	#0	QPSK	22.76	22.94
LTE Band5	5	20625	1	#Mid	QPSK	22.87	23.05
LTE Band5	5	20625	1	#Max	QPSK	22.74	22.92
LTE Band5	5	20625	12	#0	QPSK	21.94	22.12
LTE Band5	5	20625	12	#Mid	QPSK	21.95	22.13
LTE Band5	5	20625	12	#Max	QPSK	21.86	22.04
LTE Band5	5	20625	25	#0	QPSK	21.91	22.09
LTE Band5	5	20625	1	#0	16QAM	22.04	22.22
LTE Band5	5	20625	1	#Mid	16QAM	22.13	22.31

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LTE Band5	5	20625	1	#Max	16QAM	21.97	22.15
LTE Band5	5	20625	12	#0	16QAM	20.89	21.07
LTE Band5	5	20625	12	#Mid	16QAM	20.91	21.09
LTE Band5	5	20625	12	#Max	16QAM	20.78	20.96
LTE Band5	5	20625	25	#0	16QAM	20.84	21.02
LTE Band5	10	20450	1	#0	QPSK	22.85	23.03
LTE Band5	10	20450	1	#Mid	QPSK	23.03	23.21
LTE Band5	10	20450	1	#Max	QPSK	22.86	23.04
LTE Band5	10	20450	25	#0	QPSK	21.87	22.05
LTE Band5	10	20450	25	#Mid	QPSK	21.85	22.03
LTE Band5	10	20450	25	#Max	QPSK	21.78	21.96
LTE Band5	10	20450	50	#0	QPSK	21.87	22.05
LTE Band5	10	20450	1	#0	16QAM	21.71	21.89
LTE Band5	10	20450	1	#Mid	16QAM	21.91	22.09
LTE Band5	10	20450	1	#Max	16QAM	21.73	21.91
LTE Band5	10	20450	25	#0	16QAM	20.88	21.06
LTE Band5	10	20450	25	#Mid	16QAM	20.89	21.07
LTE Band5	10	20450	25	#Max	16QAM	20.81	20.99
LTE Band5	10	20450	50	#0	16QAM	20.82	21.00
LTE Band5	10	20525	1	#0	QPSK	22.83	23.01
LTE Band5	10	20525	1	#Mid	QPSK	23.12	23.30
LTE Band5	10	20525	1	#Max	QPSK	22.78	22.96
LTE Band5	10	20525	25	#0	QPSK	21.93	22.11
LTE Band5	10	20525	25	#Mid	QPSK	21.94	22.12
LTE Band5	10	20525	25	#Max	QPSK	21.98	22.16
LTE Band5	10	20525	50	#0	QPSK	21.98	22.16
LTE Band5	10	20525	1	#0	16QAM	22.14	22.32
LTE Band5	10	20525	1	#Mid	16QAM	22.28	22.46
LTE Band5	10	20525	1	#Max	16QAM	22.15	22.33
LTE Band5	10	20525	25	#0	16QAM	21.03	21.21
LTE Band5	10	20525	25	#Mid	16QAM	21.05	21.23
LTE Band5	10	20525	25	#Max	16QAM	21.06	21.24
LTE Band5	10	20525	50	#0	16QAM	20.97	21.15
LTE Band5	10	20600	1	#0	QPSK	22.88	23.06
LTE Band5	10	20600	1	#Mid	QPSK	23.05	23.23
LTE Band5	10	20600	1	#Max	QPSK	22.84	23.02
LTE Band5	10	20600	25	#0	QPSK	21.91	22.09
LTE Band5	10	20600	25	#Mid	QPSK	21.90	22.08
LTE Band5	10	20600	25	#Max	QPSK	21.88	22.06
LTE Band5	10	20600	50	#0	QPSK	21.92	22.10
LTE Band5	10	20600	1	#0	16QAM	22.06	22.24
LTE Band5	10	20600	1	#Mid	16QAM	22.20	22.38
LTE Band5	10	20600	1	#Max	16QAM	22.05	22.23

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LTE Band5	10	20600	25	#0	16QAM	21.00	21.18
LTE Band5	10	20600	25	#Mid	16QAM	20.95	21.13
LTE Band5	10	20600	25	#Max	16QAM	20.95	21.13
LTE Band5	10	20600	50	#0	16QAM	20.87	21.05
LTE Band5	1.4	20407	1	#0	64QAM	20.49	20.67
LTE Band5	1.4	20407	1	#Mid	64QAM	20.55	20.73
LTE Band5	1.4	20407	1	#Max	64QAM	20.42	20.60
LTE Band5	1.4	20407	3	#0	64QAM	20.49	20.67
LTE Band5	1.4	20407	3	#Mid	64QAM	20.47	20.65
LTE Band5	1.4	20407	3	#Max	64QAM	20.45	20.63
LTE Band5	1.4	20407	6	#0	64QAM	19.34	19.52
LTE Band5	1.4	20525	1	#0	64QAM	20.59	20.77
LTE Band5	1.4	20525	1	#Mid	64QAM	20.71	20.89
LTE Band5	1.4	20525	1	#Max	64QAM	20.49	20.67
LTE Band5	1.4	20525	3	#0	64QAM	20.51	20.69
LTE Band5	1.4	20525	3	#Mid	64QAM	20.54	20.72
LTE Band5	1.4	20525	3	#Max	64QAM	20.51	20.69
LTE Band5	1.4	20525	6	#0	64QAM	19.43	19.61
LTE Band5	1.4	20643	1	#0	64QAM	20.43	20.61
LTE Band5	1.4	20643	1	#Mid	64QAM	20.43	20.61
LTE Band5	1.4	20643	1	#Max	64QAM	20.39	20.57
LTE Band5	1.4	20643	3	#0	64QAM	20.39	20.57
LTE Band5	1.4	20643	3	#Mid	64QAM	20.41	20.59
LTE Band5	1.4	20643	3	#Max	64QAM	20.38	20.56
LTE Band5	1.4	20643	6	#0	64QAM	19.29	19.47
LTE Band5	3	20415	1	#0	64QAM	20.54	20.72
LTE Band5	3	20415	1	#Mid	64QAM	20.54	20.72
LTE Band5	3	20415	1	#Max	64QAM	20.60	20.78
LTE Band5	3	20415	8	#0	64QAM	19.41	19.59
LTE Band5	3	20415	8	#Mid	64QAM	19.46	19.64
LTE Band5	3	20415	8	#Max	64QAM	19.41	19.59
LTE Band5	3	20415	15	#0	64QAM	19.34	19.52
LTE Band5	3	20525	1	#0	64QAM	20.62	20.80
LTE Band5	3	20525	1	#Mid	64QAM	20.56	20.74
LTE Band5	3	20525	1	#Max	64QAM	20.58	20.76
LTE Band5	3	20525	8	#0	64QAM	19.48	19.66
LTE Band5	3	20525	8	#Mid	64QAM	19.48	19.66
LTE Band5	3	20525	8	#Max	64QAM	19.46	19.64
LTE Band5	3	20525	15	#0	64QAM	19.43	19.61
LTE Band5	3	20635	1	#0	64QAM	20.43	20.61
LTE Band5	3	20635	1	#Mid	64QAM	20.44	20.62
LTE Band5	3	20635	1	#Max	64QAM	20.46	20.64
LTE Band5	3	20635	8	#0	64QAM	19.36	19.54

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LTE Band5	3	20635	8	#Mid	64QAM	19.35	19.53
LTE Band5	3	20635	8	#Max	64QAM	19.32	19.50
LTE Band5	3	20635	15	#0	64QAM	19.28	19.46
LTE Band5	5	20425	1	#0	64QAM	20.41	20.59
LTE Band5	5	20425	1	#Mid	64QAM	20.59	20.77
LTE Band5	5	20425	1	#Max	64QAM	20.59	20.77
LTE Band5	5	20425	12	#0	64QAM	19.32	19.50
LTE Band5	5	20425	12	#Mid	64QAM	19.47	19.65
LTE Band5	5	20425	12	#Max	64QAM	19.39	19.57
LTE Band5	5	20425	25	#0	64QAM	19.34	19.52
LTE Band5	5	20525	1	#0	64QAM	20.52	20.70
LTE Band5	5	20525	1	#Mid	64QAM	20.68	20.86
LTE Band5	5	20525	1	#Max	64QAM	20.51	20.69
LTE Band5	5	20525	12	#0	64QAM	19.45	19.63
LTE Band5	5	20525	12	#Mid	64QAM	19.48	19.66
LTE Band5	5	20525	12	#Max	64QAM	19.44	19.62
LTE Band5	5	20525	25	#0	64QAM	19.43	19.61
LTE Band5	5	20625	1	#0	64QAM	20.48	20.66
LTE Band5	5	20625	1	#Mid	64QAM	20.48	20.66
LTE Band5	5	20625	1	#Max	64QAM	20.37	20.55
LTE Band5	5	20625	12	#0	64QAM	19.37	19.55
LTE Band5	5	20625	12	#Mid	64QAM	19.36	19.54
LTE Band5	5	20625	12	#Max	64QAM	19.26	19.44
LTE Band5	5	20625	25	#0	64QAM	19.30	19.48
LTE Band5	10	20450	1	#0	64QAM	20.59	20.77
LTE Band5	10	20450	1	#Mid	64QAM	20.80	20.98
LTE Band5	10	20450	1	#Max	64QAM	20.66	20.84
LTE Band5	10	20450	25	#0	64QAM	19.45	19.63
LTE Band5	10	20450	25	#Mid	64QAM	19.50	19.68
LTE Band5	10	20450	25	#Max	64QAM	19.46	19.64
LTE Band5	10	20450	50	#0	64QAM	19.48	19.66
LTE Band5	10	20525	1	#0	64QAM	20.57	20.75
LTE Band5	10	20525	1	#Mid	64QAM	20.80	20.98
LTE Band5	10	20525	1	#Max	64QAM	20.55	20.73
LTE Band5	10	20525	25	#0	64QAM	19.54	19.72
LTE Band5	10	20525	25	#Mid	64QAM	19.48	19.66
LTE Band5	10	20525	25	#Max	64QAM	19.51	19.69
LTE Band5	10	20525	50	#0	64QAM	19.52	19.70
LTE Band5	10	20600	1	#0	64QAM	20.59	20.77
LTE Band5	10	20600	1	#Mid	64QAM	20.70	20.88
LTE Band5	10	20600	1	#Max	64QAM	20.41	20.59
LTE Band5	10	20600	25	#0	64QAM	19.39	19.57
LTE Band5	10	20600	25	#Mid	64QAM	19.39	19.57

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LTE Band5	10	20600	25	#Max	64QAM	19.35	19.53
LTE Band5	10	20600	50	#0	64QAM	19.35	19.53

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band7	5	20775	1	#0	QPSK	21.68	24.01
LTE Band7	5	20775	1	#Mid	QPSK	21.63	23.96
LTE Band7	5	20775	1	#Max	QPSK	21.42	23.75
LTE Band7	5	20775	12	#0	QPSK	20.71	23.04
LTE Band7	5	20775	12	#Mid	QPSK	20.74	23.07
LTE Band7	5	20775	12	#Max	QPSK	20.66	22.99
LTE Band7	5	20775	25	#0	QPSK	20.69	23.02
LTE Band7	5	20775	1	#0	16QAM	20.94	23.27
LTE Band7	5	20775	1	#Mid	16QAM	20.83	23.16
LTE Band7	5	20775	1	#Max	16QAM	20.63	22.96
LTE Band7	5	20775	12	#0	16QAM	19.71	22.04
LTE Band7	5	20775	12	#Mid	16QAM	19.70	22.03
LTE Band7	5	20775	12	#Max	16QAM	19.57	21.90
LTE Band7	5	20775	25	#0	16QAM	19.62	21.95
LTE Band7	5	21100	1	#0	QPSK	22.16	24.49
LTE Band7	5	21100	1	#Mid	QPSK	22.11	24.44
LTE Band7	5	21100	1	#Max	QPSK	21.97	24.30
LTE Band7	5	21100	12	#0	QPSK	21.29	23.62
LTE Band7	5	21100	12	#Mid	QPSK	21.24	23.57
LTE Band7	5	21100	12	#Max	QPSK	21.05	23.38
LTE Band7	5	21100	25	#0	QPSK	21.18	23.51
LTE Band7	5	21100	1	#0	16QAM	21.39	23.72
LTE Band7	5	21100	1	#Mid	16QAM	21.50	23.83
LTE Band7	5	21100	1	#Max	16QAM	21.24	23.57
LTE Band7	5	21100	12	#0	16QAM	20.28	22.61
LTE Band7	5	21100	12	#Mid	16QAM	20.31	22.64
LTE Band7	5	21100	12	#Max	16QAM	20.14	22.47
LTE Band7	5	21100	25	#0	16QAM	20.25	22.58
LTE Band7	5	21425	1	#0	QPSK	21.58	23.91
LTE Band7	5	21425	1	#Mid	QPSK	21.70	24.03
LTE Band7	5	21425	1	#Max	QPSK	21.67	24.00
LTE Band7	5	21425	12	#0	QPSK	20.70	23.03
LTE Band7	5	21425	12	#Mid	QPSK	20.71	23.04
LTE Band7	5	21425	12	#Max	QPSK	20.68	23.01
LTE Band7	5	21425	25	#0	QPSK	20.70	23.03
LTE Band7	5	21425	1	#0	16QAM	20.92	23.25
LTE Band7	5	21425	1	#Mid	16QAM	21.05	23.38
LTE Band7	5	21425	1	#Max	16QAM	21.01	23.34

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LTE Band7	5	21425	12	#0	16QAM	19.71	22.04
LTE Band7	5	21425	12	#Mid	16QAM	19.64	21.97
LTE Band7	5	21425	12	#Max	16QAM	19.59	21.92
LTE Band7	5	21425	25	#0	16QAM	19.76	22.09
LTE Band7	10	20800	1	#0	QPSK	21.72	24.05
LTE Band7	10	20800	1	#Mid	QPSK	21.62	23.95
LTE Band7	10	20800	1	#Max	QPSK	21.43	23.76
LTE Band7	10	20800	25	#0	QPSK	20.63	22.96
LTE Band7	10	20800	25	#Mid	QPSK	20.59	22.92
LTE Band7	10	20800	25	#Max	QPSK	20.73	23.06
LTE Band7	10	20800	50	#0	QPSK	20.78	23.11
LTE Band7	10	20800	1	#0	16QAM	21.03	23.36
LTE Band7	10	20800	1	#Mid	16QAM	20.97	23.30
LTE Band7	10	20800	1	#Max	16QAM	20.74	23.07
LTE Band7	10	20800	25	#0	16QAM	19.74	22.07
LTE Band7	10	20800	25	#Mid	16QAM	19.76	22.09
LTE Band7	10	20800	25	#Max	16QAM	19.76	22.09
LTE Band7	10	20800	50	#0	16QAM	19.64	21.97
LTE Band7	10	21100	1	#0	QPSK	22.25	24.58
LTE Band7	10	21100	1	#Mid	QPSK	22.35	24.68
LTE Band7	10	21100	1	#Max	QPSK	21.93	24.26
LTE Band7	10	21100	25	#0	QPSK	21.34	23.67
LTE Band7	10	21100	25	#Mid	QPSK	21.33	23.66
LTE Band7	10	21100	25	#Max	QPSK	21.02	23.35
LTE Band7	10	21100	50	#0	QPSK	21.16	23.49
LTE Band7	10	21100	1	#0	16QAM	21.41	23.74
LTE Band7	10	21100	1	#Mid	16QAM	21.47	23.80
LTE Band7	10	21100	1	#Max	16QAM	21.14	23.47
LTE Band7	10	21100	25	#0	16QAM	20.41	22.74
LTE Band7	10	21100	25	#Mid	16QAM	20.39	22.72
LTE Band7	10	21100	25	#Max	16QAM	20.07	22.40
LTE Band7	10	21100	50	#0	16QAM	20.26	22.59
LTE Band7	10	21400	1	#0	QPSK	21.54	23.87
LTE Band7	10	21400	1	#Mid	QPSK	21.87	24.20
LTE Band7	10	21400	1	#Max	QPSK	21.78	24.11
LTE Band7	10	21400	25	#0	QPSK	20.67	23.00
LTE Band7	10	21400	25	#Mid	QPSK	20.65	22.98
LTE Band7	10	21400	25	#Max	QPSK	20.68	23.01
LTE Band7	10	21400	50	#0	QPSK	20.69	23.02
LTE Band7	10	21400	1	#0	16QAM	20.36	22.69
LTE Band7	10	21400	1	#Mid	16QAM	20.77	23.10
LTE Band7	10	21400	1	#Max	16QAM	20.68	23.01
LTE Band7	10	21400	25	#0	16QAM	19.71	22.04

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LTE Band7	10	21400	25	#Mid	16QAM	19.69	22.02
LTE Band7	10	21400	25	#Max	16QAM	19.70	22.03
LTE Band7	10	21400	50	#0	16QAM	19.73	22.06
LTE Band7	15	20825	1	#0	QPSK	21.66	23.99
LTE Band7	15	20825	1	#Mid	QPSK	21.45	23.78
LTE Band7	15	20825	1	#Max	QPSK	21.46	23.79
LTE Band7	15	20825	36	#0	QPSK	20.59	22.92
LTE Band7	15	20825	36	#Mid	QPSK	20.58	22.91
LTE Band7	15	20825	36	#Max	QPSK	20.62	22.95
LTE Band7	15	20825	75	#0	QPSK	20.67	23.00
LTE Band7	15	20825	1	#0	16QAM	20.94	23.27
LTE Band7	15	20825	1	#Mid	16QAM	20.76	23.09
LTE Band7	15	20825	1	#Max	16QAM	20.80	23.13
LTE Band7	15	20825	36	#0	16QAM	19.57	21.90
LTE Band7	15	20825	36	#Mid	16QAM	19.62	21.95
LTE Band7	15	20825	36	#Max	16QAM	19.63	21.96
LTE Band7	15	20825	75	#0	16QAM	19.65	21.98
LTE Band7	15	21100	1	#0	QPSK	22.25	24.58
LTE Band7	15	21100	1	#Mid	QPSK	22.21	24.54
LTE Band7	15	21100	1	#Max	QPSK	21.64	23.97
LTE Band7	15	21100	36	#0	QPSK	21.34	23.67
LTE Band7	15	21100	36	#Mid	QPSK	21.29	23.62
LTE Band7	15	21100	36	#Max	QPSK	20.96	23.29
LTE Band7	15	21100	75	#0	QPSK	21.13	23.46
LTE Band7	15	21100	1	#0	16QAM	21.35	23.68
LTE Band7	15	21100	1	#Mid	16QAM	21.43	23.76
LTE Band7	15	21100	1	#Max	16QAM	20.88	23.21
LTE Band7	15	21100	36	#0	16QAM	20.39	22.72
LTE Band7	15	21100	36	#Mid	16QAM	20.41	22.74
LTE Band7	15	21100	36	#Max	16QAM	19.98	22.31
LTE Band7	15	21100	75	#0	16QAM	20.16	22.49
LTE Band7	15	21375	1	#0	QPSK	21.34	23.67
LTE Band7	15	21375	1	#Mid	QPSK	21.68	24.01
LTE Band7	15	21375	1	#Max	QPSK	21.69	24.02
LTE Band7	15	21375	36	#0	QPSK	20.55	22.88
LTE Band7	15	21375	36	#Mid	QPSK	20.54	22.87
LTE Band7	15	21375	36	#Max	QPSK	20.65	22.98
LTE Band7	15	21375	75	#0	QPSK	20.58	22.91
LTE Band7	15	21375	1	#0	16QAM	20.35	22.68
LTE Band7	15	21375	1	#Mid	16QAM	20.73	23.06
LTE Band7	15	21375	1	#Max	16QAM	20.74	23.07
LTE Band7	15	21375	36	#0	16QAM	19.50	21.83
LTE Band7	15	21375	36	#Mid	16QAM	19.51	21.84

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LTE Band7	15	21375	36	#Max	16QAM	19.69	22.02
LTE Band7	15	21375	75	#0	16QAM	19.66	21.99
LTE Band7	20	20850	1	#0	QPSK	21.45	23.78
LTE Band7	20	20850	1	#Mid	QPSK	21.67	24.00
LTE Band7	20	20850	1	#Max	QPSK	21.56	23.89
LTE Band7	20	20850	50	#0	QPSK	20.33	22.66
LTE Band7	20	20850	50	#Mid	QPSK	20.32	22.65
LTE Band7	20	20850	50	#Max	QPSK	20.70	23.03
LTE Band7	20	20850	100	#0	QPSK	20.65	22.98
LTE Band7	20	20850	1	#0	16QAM	20.71	23.04
LTE Band7	20	20850	1	#Mid	16QAM	20.91	23.24
LTE Band7	20	20850	1	#Max	16QAM	20.84	23.17
LTE Band7	20	20850	50	#0	16QAM	19.49	21.82
LTE Band7	20	20850	50	#Mid	16QAM	19.41	21.74
LTE Band7	20	20850	50	#Max	16QAM	19.77	22.10
LTE Band7	20	20850	100	#0	16QAM	19.62	21.95
LTE Band7	20	21100	1	#0	QPSK	22.09	24.42
LTE Band7	20	21100	1	#Mid	QPSK	22.50	24.83
LTE Band7	20	21100	1	#Max	QPSK	21.46	23.79
LTE Band7	20	21100	50	#0	QPSK	21.41	23.74
LTE Band7	20	21100	50	#Mid	QPSK	21.36	23.69
LTE Band7	20	21100	50	#Max	QPSK	20.90	23.23
LTE Band7	20	21100	100	#0	QPSK	21.12	23.45
LTE Band7	20	21100	1	#0	16QAM	20.94	23.27
LTE Band7	20	21100	1	#Mid	16QAM	21.33	23.66
LTE Band7	20	21100	1	#Max	16QAM	20.30	22.63
LTE Band7	20	21100	50	#0	16QAM	20.43	22.76
LTE Band7	20	21100	50	#Mid	16QAM	20.30	22.63
LTE Band7	20	21100	50	#Max	16QAM	19.90	22.23
LTE Band7	20	21100	100	#0	16QAM	20.23	22.56
LTE Band7	20	21350	1	#0	QPSK	21.13	23.46
LTE Band7	20	21350	1	#Mid	QPSK	21.77	24.10
LTE Band7	20	21350	1	#Max	QPSK	21.59	23.92
LTE Band7	20	21350	50	#0	QPSK	20.40	22.73
LTE Band7	20	21350	50	#Mid	QPSK	20.43	22.76
LTE Band7	20	21350	50	#Max	QPSK	20.63	22.96
LTE Band7	20	21350	100	#0	QPSK	20.51	22.84
LTE Band7	20	21350	1	#0	16QAM	19.91	22.24
LTE Band7	20	21350	1	#Mid	16QAM	20.61	22.94
LTE Band7	20	21350	1	#Max	16QAM	20.39	22.72
LTE Band7	20	21350	50	#0	16QAM	19.49	21.82
LTE Band7	20	21350	50	#Mid	16QAM	19.50	21.83
LTE Band7	20	21350	50	#Max	16QAM	19.68	22.01

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LTE Band7	20	21350	100	#0	16QAM	19.58	21.91
LTE Band7	5	20775	1	#0	64QAM	20.93	23.26
LTE Band7	5	20775	1	#Mid	64QAM	21.01	23.34
LTE Band7	5	20775	1	#Max	64QAM	20.90	23.23
LTE Band7	5	20775	12	#0	64QAM	19.86	22.19
LTE Band7	5	20775	12	#Mid	64QAM	19.92	22.25
LTE Band7	5	20775	12	#Max	64QAM	19.88	22.21
LTE Band7	5	20775	25	#0	64QAM	19.86	22.19
LTE Band7	5	21100	1	#0	64QAM	21.08	23.41
LTE Band7	5	21100	1	#Mid	64QAM	21.24	23.57
LTE Band7	5	21100	1	#Max	64QAM	21.11	23.44
LTE Band7	5	21100	12	#0	64QAM	20.02	22.35
LTE Band7	5	21100	12	#Mid	64QAM	20.11	22.44
LTE Band7	5	21100	12	#Max	64QAM	20.05	22.38
LTE Band7	5	21100	25	#0	64QAM	20.04	22.37
LTE Band7	5	21425	1	#0	64QAM	20.94	23.27
LTE Band7	5	21425	1	#Mid	64QAM	21.10	23.43
LTE Band7	5	21425	1	#Max	64QAM	20.90	23.23
LTE Band7	5	21425	12	#0	64QAM	19.89	22.22
LTE Band7	5	21425	12	#Mid	64QAM	19.91	22.24
LTE Band7	5	21425	12	#Max	64QAM	19.80	22.13
LTE Band7	5	21425	25	#0	64QAM	19.84	22.17
LTE Band7	10	20800	1	#0	64QAM	21.12	23.45
LTE Band7	10	20800	1	#Mid	64QAM	21.04	23.37
LTE Band7	10	20800	1	#Max	64QAM	21.01	23.34
LTE Band7	10	20800	25	#0	64QAM	19.88	22.21
LTE Band7	10	20800	25	#Mid	64QAM	19.91	22.24
LTE Band7	10	20800	25	#Max	64QAM	20.01	22.34
LTE Band7	10	20800	50	#0	64QAM	19.93	22.26
LTE Band7	10	21100	1	#0	64QAM	21.14	23.47
LTE Band7	10	21100	1	#Mid	64QAM	21.28	23.61
LTE Band7	10	21100	1	#Max	64QAM	21.14	23.47
LTE Band7	10	21100	25	#0	64QAM	20.09	22.42
LTE Band7	10	21100	25	#Mid	64QAM	20.07	22.40
LTE Band7	10	21100	25	#Max	64QAM	20.07	22.40
LTE Band7	10	21100	50	#0	64QAM	20.07	22.40
LTE Band7	10	21400	1	#0	64QAM	21.01	23.34
LTE Band7	10	21400	1	#Mid	64QAM	21.05	23.38
LTE Band7	10	21400	1	#Max	64QAM	20.96	23.29
LTE Band7	10	21400	25	#0	64QAM	19.93	22.26
LTE Band7	10	21400	25	#Mid	64QAM	19.88	22.21
LTE Band7	10	21400	25	#Max	64QAM	19.77	22.10
LTE Band7	10	21400	50	#0	64QAM	19.85	22.18

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LTE Band7	15	20825	1	#0	64QAM	21.03	23.36
LTE Band7	15	20825	1	#Mid	64QAM	21.00	23.33
LTE Band7	15	20825	1	#Max	64QAM	20.92	23.25
LTE Band7	15	20825	36	#0	64QAM	19.85	22.18
LTE Band7	15	20825	36	#Mid	64QAM	19.94	22.27
LTE Band7	15	20825	36	#Max	64QAM	19.92	22.25
LTE Band7	15	20825	75	#0	64QAM	19.92	22.25
LTE Band7	15	21100	1	#0	64QAM	21.13	23.46
LTE Band7	15	21100	1	#Mid	64QAM	21.22	23.55
LTE Band7	15	21100	1	#Max	64QAM	21.18	23.51
LTE Band7	15	21100	36	#0	64QAM	20.05	22.38
LTE Band7	15	21100	36	#Mid	64QAM	20.05	22.38
LTE Band7	15	21100	36	#Max	64QAM	20.05	22.38
LTE Band7	15	21100	75	#0	64QAM	20.05	22.38
LTE Band7	15	21375	1	#0	64QAM	21.02	23.35
LTE Band7	15	21375	1	#Mid	64QAM	20.99	23.32
LTE Band7	15	21375	1	#Max	64QAM	20.89	23.22
LTE Band7	15	21375	36	#0	64QAM	19.92	22.25
LTE Band7	15	21375	36	#Mid	64QAM	19.88	22.21
LTE Band7	15	21375	36	#Max	64QAM	19.77	22.10
LTE Band7	15	21375	75	#0	64QAM	19.82	22.15
LTE Band7	20	20850	1	#0	64QAM	20.79	23.12
LTE Band7	20	20850	1	#Mid	64QAM	21.15	23.48
LTE Band7	20	20850	1	#Max	64QAM	20.93	23.26
LTE Band7	20	20850	50	#0	64QAM	19.79	22.12
LTE Band7	20	20850	50	#Mid	64QAM	20.00	22.33
LTE Band7	20	20850	50	#Max	64QAM	20.02	22.35
LTE Band7	20	20850	100	#0	64QAM	19.94	22.27
LTE Band7	20	21100	1	#0	64QAM	21.03	23.36
LTE Band7	20	21100	1	#Mid	64QAM	21.29	23.62
LTE Band7	20	21100	1	#Max	64QAM	21.02	23.35
LTE Band7	20	21100	50	#0	64QAM	20.07	22.40
LTE Band7	20	21100	50	#Mid	64QAM	20.07	22.40
LTE Band7	20	21100	50	#Max	64QAM	20.03	22.36
LTE Band7	20	21100	100	#0	64QAM	20.05	22.38
LTE Band7	20	21350	1	#0	64QAM	21.06	23.39
LTE Band7	20	21350	1	#Mid	64QAM	21.06	23.39
LTE Band7	20	21350	1	#Max	64QAM	20.74	23.07
LTE Band7	20	21350	50	#0	64QAM	19.91	22.24
LTE Band7	20	21350	50	#Mid	64QAM	19.89	22.22
LTE Band7	20	21350	50	#Max	64QAM	19.73	22.06
LTE Band7	20	21350	100	#0	64QAM	19.80	22.13

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Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band12	1.4	23017	1	#0	QPSK	23.03	22.57
LTE Band12	1.4	23017	1	#Mid	QPSK	23.27	22.81
LTE Band12	1.4	23017	1	#Max	QPSK	22.98	22.52
LTE Band12	1.4	23017	3	#0	QPSK	23.04	22.58
LTE Band12	1.4	23017	3	#Mid	QPSK	22.99	22.53
LTE Band12	1.4	23017	3	#Max	QPSK	23.02	22.56
LTE Band12	1.4	23017	6	#0	QPSK	21.96	21.50
LTE Band12	1.4	23017	1	#0	16QAM	21.95	21.49
LTE Band12	1.4	23017	1	#Mid	16QAM	22.27	21.81
LTE Band12	1.4	23017	1	#Max	16QAM	21.99	21.53
LTE Band12	1.4	23017	3	#0	16QAM	22.18	21.72
LTE Band12	1.4	23017	3	#Mid	16QAM	22.18	21.72
LTE Band12	1.4	23017	3	#Max	16QAM	22.22	21.76
LTE Band12	1.4	23017	6	#0	16QAM	20.96	20.50
LTE Band12	1.4	23095	1	#0	QPSK	22.91	22.45
LTE Band12	1.4	23095	1	#Mid	QPSK	23.12	22.66
LTE Band12	1.4	23095	1	#Max	QPSK	22.89	22.43
LTE Band12	1.4	23095	3	#0	QPSK	23.07	22.61
LTE Band12	1.4	23095	3	#Mid	QPSK	23.07	22.61
LTE Band12	1.4	23095	3	#Max	QPSK	23.02	22.56
LTE Band12	1.4	23095	6	#0	QPSK	22.01	21.55
LTE Band12	1.4	23095	1	#0	16QAM	22.14	21.68
LTE Band12	1.4	23095	1	#Mid	16QAM	22.38	21.92
LTE Band12	1.4	23095	1	#Max	16QAM	22.10	21.64
LTE Band12	1.4	23095	3	#0	16QAM	22.07	21.61
LTE Band12	1.4	23095	3	#Mid	16QAM	22.09	21.63
LTE Band12	1.4	23095	3	#Max	16QAM	22.08	21.62
LTE Band12	1.4	23095	6	#0	16QAM	20.96	20.50
LTE Band12	1.4	23173	1	#0	QPSK	22.95	22.49
LTE Band12	1.4	23173	1	#Mid	QPSK	23.19	22.73
LTE Band12	1.4	23173	1	#Max	QPSK	22.99	22.53
LTE Band12	1.4	23173	3	#0	QPSK	23.06	22.60
LTE Band12	1.4	23173	3	#Mid	QPSK	23.06	22.60
LTE Band12	1.4	23173	3	#Max	QPSK	23.01	22.55
LTE Band12	1.4	23173	6	#0	QPSK	22.01	21.55
LTE Band12	1.4	23173	1	#0	16QAM	21.83	21.37
LTE Band12	1.4	23173	1	#Mid	16QAM	22.05	21.59
LTE Band12	1.4	23173	1	#Max	16QAM	21.88	21.42
LTE Band12	1.4	23173	3	#0	16QAM	22.01	21.55
LTE Band12	1.4	23173	3	#Mid	16QAM	22.02	21.56
LTE Band12	1.4	23173	3	#Max	16QAM	21.98	21.52

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LTE Band12	1.4	23173	6	#0	16QAM	20.95	20.49
LTE Band12	3	23025	1	#0	QPSK	22.93	22.47
LTE Band12	3	23025	1	#Mid	QPSK	22.97	22.51
LTE Band12	3	23025	1	#Max	QPSK	23.04	22.58
LTE Band12	3	23025	8	#0	QPSK	22.02	21.56
LTE Band12	3	23025	8	#Mid	QPSK	22.02	21.56
LTE Band12	3	23025	8	#Max	QPSK	22.08	21.62
LTE Band12	3	23025	15	#0	QPSK	22.06	21.60
LTE Band12	3	23025	1	#0	16QAM	22.21	21.75
LTE Band12	3	23025	1	#Mid	16QAM	22.19	21.73
LTE Band12	3	23025	1	#Max	16QAM	22.28	21.82
LTE Band12	3	23025	8	#0	16QAM	21.03	20.57
LTE Band12	3	23025	8	#Mid	16QAM	21.03	20.57
LTE Band12	3	23025	8	#Max	16QAM	21.12	20.66
LTE Band12	3	23025	15	#0	16QAM	20.91	20.45
LTE Band12	3	23095	1	#0	QPSK	23.08	22.62
LTE Band12	3	23095	1	#Mid	QPSK	23.13	22.67
LTE Band12	3	23095	1	#Max	QPSK	23.10	22.64
LTE Band12	3	23095	8	#0	QPSK	22.06	21.60
LTE Band12	3	23095	8	#Mid	QPSK	22.06	21.60
LTE Band12	3	23095	8	#Max	QPSK	22.09	21.63
LTE Band12	3	23095	15	#0	QPSK	22.07	21.61
LTE Band12	3	23095	1	#0	16QAM	21.99	21.53
LTE Band12	3	23095	1	#Mid	16QAM	21.95	21.49
LTE Band12	3	23095	1	#Max	16QAM	21.93	21.47
LTE Band12	3	23095	8	#0	16QAM	21.12	20.66
LTE Band12	3	23095	8	#Mid	16QAM	21.09	20.63
LTE Band12	3	23095	8	#Max	16QAM	21.08	20.62
LTE Band12	3	23095	15	#0	16QAM	21.04	20.58
LTE Band12	3	23165	1	#0	QPSK	23.01	22.55
LTE Band12	3	23165	1	#Mid	QPSK	22.92	22.46
LTE Band12	3	23165	1	#Max	QPSK	22.94	22.48
LTE Band12	3	23165	8	#0	QPSK	22.08	21.62
LTE Band12	3	23165	8	#Mid	QPSK	22.08	21.62
LTE Band12	3	23165	8	#Max	QPSK	22.06	21.60
LTE Band12	3	23165	15	#0	QPSK	22.04	21.58
LTE Band12	3	23165	1	#0	16QAM	22.30	21.84
LTE Band12	3	23165	1	#Mid	16QAM	22.25	21.79
LTE Band12	3	23165	1	#Max	16QAM	22.19	21.73
LTE Band12	3	23165	8	#0	16QAM	21.13	20.67
LTE Band12	3	23165	8	#Mid	16QAM	21.09	20.63
LTE Band12	3	23165	8	#Max	16QAM	21.11	20.65
LTE Band12	3	23165	15	#0	16QAM	21.00	20.54

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LTE Band12	5	23035	1	#0	QPSK	22.89	22.43
LTE Band12	5	23035	1	#Mid	QPSK	23.06	22.60
LTE Band12	5	23035	1	#Max	QPSK	22.94	22.48
LTE Band12	5	23035	12	#0	QPSK	22.03	21.57
LTE Band12	5	23035	12	#Mid	QPSK	22.04	21.58
LTE Band12	5	23035	12	#Max	QPSK	22.04	21.58
LTE Band12	5	23035	25	#0	QPSK	22.08	21.62
LTE Band12	5	23035	1	#0	16QAM	22.17	21.71
LTE Band12	5	23035	1	#Mid	16QAM	22.39	21.93
LTE Band12	5	23035	1	#Max	16QAM	22.28	21.82
LTE Band12	5	23035	12	#0	16QAM	21.05	20.59
LTE Band12	5	23035	12	#Mid	16QAM	21.04	20.58
LTE Band12	5	23035	12	#Max	16QAM	21.08	20.62
LTE Band12	5	23035	25	#0	16QAM	21.04	20.58
LTE Band12	5	23095	1	#0	QPSK	22.92	22.46
LTE Band12	5	23095	1	#Mid	QPSK	23.04	22.58
LTE Band12	5	23095	1	#Max	QPSK	22.90	22.44
LTE Band12	5	23095	12	#0	QPSK	22.12	21.66
LTE Band12	5	23095	12	#Mid	QPSK	22.08	21.62
LTE Band12	5	23095	12	#Max	QPSK	22.12	21.66
LTE Band12	5	23095	25	#0	QPSK	22.10	21.64
LTE Band12	5	23095	1	#0	16QAM	22.20	21.74
LTE Band12	5	23095	1	#Mid	16QAM	22.29	21.83
LTE Band12	5	23095	1	#Max	16QAM	22.17	21.71
LTE Band12	5	23095	12	#0	16QAM	21.01	20.55
LTE Band12	5	23095	12	#Mid	16QAM	21.07	20.61
LTE Band12	5	23095	12	#Max	16QAM	21.11	20.65
LTE Band12	5	23095	25	#0	16QAM	21.06	20.60
LTE Band12	5	23155	1	#0	QPSK	22.89	22.43
LTE Band12	5	23155	1	#Mid	QPSK	23.00	22.54
LTE Band12	5	23155	1	#Max	QPSK	22.84	22.38
LTE Band12	5	23155	12	#0	QPSK	22.07	21.61
LTE Band12	5	23155	12	#Mid	QPSK	22.09	21.63
LTE Band12	5	23155	12	#Max	QPSK	22.04	21.58
LTE Band12	5	23155	25	#0	QPSK	22.06	21.60
LTE Band12	5	23155	1	#0	16QAM	22.17	21.71
LTE Band12	5	23155	1	#Mid	16QAM	22.32	21.86
LTE Band12	5	23155	1	#Max	16QAM	22.17	21.71
LTE Band12	5	23155	12	#0	16QAM	21.14	20.68
LTE Band12	5	23155	12	#Mid	16QAM	21.15	20.69
LTE Band12	5	23155	12	#Max	16QAM	21.07	20.61
LTE Band12	5	23155	25	#0	16QAM	21.09	20.63
LTE Band12	10	23060	1	#0	QPSK	23.07	22.61

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LTE Band12	10	23060	1	#Mid	QPSK	23.30	22.84
LTE Band12	10	23060	1	#Max	QPSK	23.12	22.66
LTE Band12	10	23060	25	#0	QPSK	22.16	21.70
LTE Band12	10	23060	25	#Mid	QPSK	22.14	21.68
LTE Band12	10	23060	25	#Max	QPSK	22.19	21.73
LTE Band12	10	23060	50	#0	QPSK	22.14	21.68
LTE Band12	10	23060	1	#0	16QAM	21.93	21.47
LTE Band12	10	23060	1	#Mid	16QAM	22.15	21.69
LTE Band12	10	23060	1	#Max	16QAM	21.97	21.51
LTE Band12	10	23060	25	#0	16QAM	21.17	20.71
LTE Band12	10	23060	25	#Mid	16QAM	21.16	20.70
LTE Band12	10	23060	25	#Max	16QAM	21.21	20.75
LTE Band12	10	23060	50	#0	16QAM	21.20	20.74
LTE Band12	10	23095	1	#0	QPSK	22.99	22.53
LTE Band12	10	23095	1	#Mid	QPSK	23.17	22.71
LTE Band12	10	23095	1	#Max	QPSK	23.02	22.56
LTE Band12	10	23095	25	#0	QPSK	22.16	21.70
LTE Band12	10	23095	25	#Mid	QPSK	22.12	21.66
LTE Band12	10	23095	25	#Max	QPSK	22.17	21.71
LTE Band12	10	23095	50	#0	QPSK	22.15	21.69
LTE Band12	10	23095	1	#0	16QAM	22.35	21.89
LTE Band12	10	23095	1	#Mid	16QAM	22.51	22.05
LTE Band12	10	23095	1	#Max	16QAM	22.35	21.89
LTE Band12	10	23095	25	#0	16QAM	21.23	20.77
LTE Band12	10	23095	25	#Mid	16QAM	21.26	20.80
LTE Band12	10	23095	25	#Max	16QAM	21.31	20.85
LTE Band12	10	23095	50	#0	16QAM	21.20	20.74
LTE Band12	10	23130	1	#0	QPSK	23.01	22.55
LTE Band12	10	23130	1	#Mid	QPSK	23.16	22.70
LTE Band12	10	23130	1	#Max	QPSK	23.02	22.56
LTE Band12	10	23130	25	#0	QPSK	22.12	21.66
LTE Band12	10	23130	25	#Mid	QPSK	22.12	21.66
LTE Band12	10	23130	25	#Max	QPSK	22.10	21.64
LTE Band12	10	23130	50	#0	QPSK	22.13	21.67
LTE Band12	10	23130	1	#0	16QAM	22.25	21.79
LTE Band12	10	23130	1	#Mid	16QAM	22.36	21.90
LTE Band12	10	23130	1	#Max	16QAM	22.24	21.78
LTE Band12	10	23130	25	#0	16QAM	21.19	20.73
LTE Band12	10	23130	25	#Mid	16QAM	21.17	20.71
LTE Band12	10	23130	25	#Max	16QAM	21.16	20.70
LTE Band12	10	23130	50	#0	16QAM	21.08	20.62
LTE Band12	1.4	23017	1	#0	64QAM	20.80	20.34
LTE Band12	1.4	23017	1	#Mid	64QAM	20.92	20.46

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LTE Band12	1.4	23017	1	#Max	64QAM	20.82	20.36
LTE Band12	1.4	23017	3	#0	64QAM	20.78	20.32
LTE Band12	1.4	23017	3	#Mid	64QAM	20.81	20.35
LTE Band12	1.4	23017	3	#Max	64QAM	20.81	20.35
LTE Band12	1.4	23017	6	#0	64QAM	19.72	19.26
LTE Band12	1.4	23095	1	#0	64QAM	20.86	20.40
LTE Band12	1.4	23095	1	#Mid	64QAM	20.95	20.49
LTE Band12	1.4	23095	1	#Max	64QAM	20.72	20.26
LTE Band12	1.4	23095	3	#0	64QAM	20.83	20.37
LTE Band12	1.4	23095	3	#Mid	64QAM	20.83	20.37
LTE Band12	1.4	23095	3	#Max	64QAM	20.78	20.32
LTE Band12	1.4	23095	6	#0	64QAM	19.73	19.27
LTE Band12	1.4	23173	1	#0	64QAM	20.67	20.21
LTE Band12	1.4	23173	1	#Mid	64QAM	20.81	20.35
LTE Band12	1.4	23173	1	#Max	64QAM	20.61	20.15
LTE Band12	1.4	23173	3	#0	64QAM	20.73	20.27
LTE Band12	1.4	23173	3	#Mid	64QAM	20.71	20.25
LTE Band12	1.4	23173	3	#Max	64QAM	20.68	20.22
LTE Band12	1.4	23173	6	#0	64QAM	19.57	19.11
LTE Band12	3	23025	1	#0	64QAM	20.84	20.38
LTE Band12	3	23025	1	#Mid	64QAM	20.91	20.45
LTE Band12	3	23025	1	#Max	64QAM	20.88	20.42
LTE Band12	3	23025	8	#0	64QAM	19.75	19.29
LTE Band12	3	23025	8	#Mid	64QAM	19.82	19.36
LTE Band12	3	23025	8	#Max	64QAM	19.80	19.34
LTE Band12	3	23025	15	#0	64QAM	19.73	19.27
LTE Band12	3	23095	1	#0	64QAM	20.91	20.45
LTE Band12	3	23095	1	#Mid	64QAM	20.85	20.39
LTE Band12	3	23095	1	#Max	64QAM	20.86	20.40
LTE Band12	3	23095	8	#0	64QAM	19.79	19.33
LTE Band12	3	23095	8	#Mid	64QAM	19.79	19.33
LTE Band12	3	23095	8	#Max	64QAM	19.78	19.32
LTE Band12	3	23095	15	#0	64QAM	19.71	19.25
LTE Band12	3	23165	1	#0	64QAM	20.76	20.30
LTE Band12	3	23165	1	#Mid	64QAM	20.78	20.32
LTE Band12	3	23165	1	#Max	64QAM	20.76	20.30
LTE Band12	3	23165	8	#0	64QAM	19.73	19.27
LTE Band12	3	23165	8	#Mid	64QAM	19.69	19.23
LTE Band12	3	23165	8	#Max	64QAM	19.63	19.17
LTE Band12	3	23165	15	#0	64QAM	19.64	19.18
LTE Band12	5	23035	1	#0	64QAM	20.76	20.30
LTE Band12	5	23035	1	#Mid	64QAM	21.02	20.56
LTE Band12	5	23035	1	#Max	64QAM	20.81	20.35

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LTE Band12	5	23035	12	#0	64QAM	19.72	19.26
LTE Band12	5	23035	12	#Mid	64QAM	19.84	19.38
LTE Band12	5	23035	12	#Max	64QAM	19.78	19.32
LTE Band12	5	23035	25	#0	64QAM	19.72	19.26
LTE Band12	5	23095	1	#0	64QAM	20.77	20.31
LTE Band12	5	23095	1	#Mid	64QAM	20.84	20.38
LTE Band12	5	23095	1	#Max	64QAM	20.72	20.26
LTE Band12	5	23095	12	#0	64QAM	19.73	19.27
LTE Band12	5	23095	12	#Mid	64QAM	19.78	19.32
LTE Band12	5	23095	12	#Max	64QAM	19.75	19.29
LTE Band12	5	23095	25	#0	64QAM	19.72	19.26
LTE Band12	5	23155	1	#0	64QAM	20.78	20.32
LTE Band12	5	23155	1	#Mid	64QAM	20.80	20.34
LTE Band12	5	23155	1	#Max	64QAM	20.66	20.20
LTE Band12	5	23155	12	#0	64QAM	19.70	19.24
LTE Band12	5	23155	12	#Mid	64QAM	19.73	19.27
LTE Band12	5	23155	12	#Max	64QAM	19.64	19.18
LTE Band12	5	23155	25	#0	64QAM	19.68	19.22
LTE Band12	10	23060	1	#0	64QAM	20.86	20.40
LTE Band12	10	23060	1	#Mid	64QAM	21.01	20.55
LTE Band12	10	23060	1	#Max	64QAM	20.83	20.37
LTE Band12	10	23060	25	#0	64QAM	19.86	19.40
LTE Band12	10	23060	25	#Mid	64QAM	19.80	19.34
LTE Band12	10	23060	25	#Max	64QAM	19.87	19.41
LTE Band12	10	23060	50	#0	64QAM	19.87	19.41
LTE Band12	10	23095	1	#0	64QAM	20.86	20.40
LTE Band12	10	23095	1	#Mid	64QAM	20.95	20.49
LTE Band12	10	23095	1	#Max	64QAM	20.86	20.40
LTE Band12	10	23095	25	#0	64QAM	19.80	19.34
LTE Band12	10	23095	25	#Mid	64QAM	19.77	19.31
LTE Band12	10	23095	25	#Max	64QAM	19.80	19.34
LTE Band12	10	23095	50	#0	64QAM	19.80	19.34
LTE Band12	10	23130	1	#0	64QAM	20.91	20.45
LTE Band12	10	23130	1	#Mid	64QAM	20.95	20.49
LTE Band12	10	23130	1	#Max	64QAM	20.70	20.24
LTE Band12	10	23130	25	#0	64QAM	19.76	19.30
LTE Band12	10	23130	25	#Mid	64QAM	19.75	19.29
LTE Band12	10	23130	25	#Max	64QAM	19.69	19.23
LTE Band12	10	23130	50	#0	64QAM	19.75	19.29

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Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band17	5	23755	1	#0	QPSK	23.00	22.54
LTE Band17	5	23755	1	#Mid	QPSK	23.11	22.65
LTE Band17	5	23755	1	#Max	QPSK	23.03	22.57
LTE Band17	5	23755	12	#0	QPSK	22.17	21.71
LTE Band17	5	23755	12	#Mid	QPSK	22.16	21.70
LTE Band17	5	23755	12	#Max	QPSK	22.17	21.71
LTE Band17	5	23755	25	#0	QPSK	22.17	21.71
LTE Band17	5	23755	1	#0	16QAM	22.24	21.78
LTE Band17	5	23755	1	#Mid	16QAM	22.35	21.89
LTE Band17	5	23755	1	#Max	16QAM	22.25	21.79
LTE Band17	5	23755	12	#0	16QAM	21.10	20.64
LTE Band17	5	23755	12	#Mid	16QAM	21.10	20.64
LTE Band17	5	23755	12	#Max	16QAM	21.15	20.69
LTE Band17	5	23755	25	#0	16QAM	21.16	20.70
LTE Band17	5	23790	1	#0	QPSK	22.94	22.48
LTE Band17	5	23790	1	#Mid	QPSK	23.04	22.58
LTE Band17	5	23790	1	#Max	QPSK	22.94	22.48
LTE Band17	5	23790	12	#0	QPSK	22.11	21.65
LTE Band17	5	23790	12	#Mid	QPSK	22.13	21.67
LTE Band17	5	23790	12	#Max	QPSK	22.10	21.64
LTE Band17	5	23790	25	#0	QPSK	22.12	21.66
LTE Band17	5	23790	1	#0	16QAM	22.27	21.81
LTE Band17	5	23790	1	#Mid	16QAM	22.34	21.88
LTE Band17	5	23790	1	#Max	16QAM	22.28	21.82
LTE Band17	5	23790	12	#0	16QAM	21.21	20.75
LTE Band17	5	23790	12	#Mid	16QAM	21.16	20.70
LTE Band17	5	23790	12	#Max	16QAM	21.20	20.74
LTE Band17	5	23790	25	#0	16QAM	21.18	20.72
LTE Band17	5	23825	1	#0	QPSK	22.95	22.49
LTE Band17	5	23825	1	#Mid	QPSK	23.06	22.60
LTE Band17	5	23825	1	#Max	QPSK	23.03	22.57
LTE Band17	5	23825	12	#0	QPSK	22.12	21.66
LTE Band17	5	23825	12	#Mid	QPSK	22.09	21.63
LTE Band17	5	23825	12	#Max	QPSK	22.05	21.59
LTE Band17	5	23825	25	#0	QPSK	22.08	21.62
LTE Band17	5	23825	1	#0	16QAM	22.29	21.83
LTE Band17	5	23825	1	#Mid	16QAM	22.43	21.97
LTE Band17	5	23825	1	#Max	16QAM	22.31	21.85
LTE Band17	5	23825	12	#0	16QAM	21.16	20.70
LTE Band17	5	23825	12	#Mid	16QAM	21.10	20.64
LTE Band17	5	23825	12	#Max	16QAM	21.06	20.60

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LTE Band17	5	23825	25	#0	16QAM	21.09	20.63
LTE Band17	10	23780	1	#0	QPSK	23.04	22.58
LTE Band17	10	23780	1	#Mid	QPSK	23.20	22.74
LTE Band17	10	23780	1	#Max	QPSK	23.04	22.58
LTE Band17	10	23780	25	#0	QPSK	22.13	21.67
LTE Band17	10	23780	25	#Mid	QPSK	22.15	21.69
LTE Band17	10	23780	25	#Max	QPSK	22.17	21.71
LTE Band17	10	23780	50	#0	QPSK	22.18	21.72
LTE Band17	10	23780	1	#0	16QAM	22.27	21.81
LTE Band17	10	23780	1	#Mid	16QAM	22.55	22.09
LTE Band17	10	23780	1	#Max	16QAM	22.27	21.81
LTE Band17	10	23780	25	#0	16QAM	21.17	20.71
LTE Band17	10	23780	25	#Mid	16QAM	21.18	20.72
LTE Band17	10	23780	25	#Max	16QAM	21.22	20.76
LTE Band17	10	23780	50	#0	16QAM	21.16	20.70
LTE Band17	10	23790	1	#0	QPSK	23.14	22.68
LTE Band17	10	23790	1	#Mid	QPSK	23.27	22.81
LTE Band17	10	23790	1	#Max	QPSK	23.11	22.65
LTE Band17	10	23790	25	#0	QPSK	22.14	21.68
LTE Band17	10	23790	25	#Mid	QPSK	22.14	21.68
LTE Band17	10	23790	25	#Max	QPSK	22.10	21.64
LTE Band17	10	23790	50	#0	QPSK	22.18	21.72
LTE Band17	10	23790	1	#0	16QAM	21.99	21.53
LTE Band17	10	23790	1	#Mid	16QAM	22.12	21.66
LTE Band17	10	23790	1	#Max	16QAM	21.98	21.52
LTE Band17	10	23790	25	#0	16QAM	21.09	20.63
LTE Band17	10	23790	25	#Mid	16QAM	21.07	20.61
LTE Band17	10	23790	25	#Max	16QAM	21.14	20.68
LTE Band17	10	23790	50	#0	16QAM	21.08	20.62
LTE Band17	10	23800	1	#0	QPSK	23.04	22.58
LTE Band17	10	23800	1	#Mid	QPSK	23.18	22.72
LTE Band17	10	23800	1	#Max	QPSK	23.02	22.56
LTE Band17	10	23800	25	#0	QPSK	22.12	21.66
LTE Band17	10	23800	25	#Mid	QPSK	22.14	21.68
LTE Band17	10	23800	25	#Max	QPSK	22.15	21.69
LTE Band17	10	23800	50	#0	QPSK	22.25	21.79
LTE Band17	10	23800	1	#0	16QAM	22.38	21.92
LTE Band17	10	23800	1	#Mid	16QAM	22.41	21.95
LTE Band17	10	23800	1	#Max	16QAM	22.32	21.86
LTE Band17	10	23800	25	#0	16QAM	21.26	20.80
LTE Band17	10	23800	25	#Mid	16QAM	21.24	20.78
LTE Band17	10	23800	25	#Max	16QAM	21.13	20.67
LTE Band17	10	23800	50	#0	16QAM	21.09	20.63

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LTE Band17	5	23755	1	#0	64QAM	20.80	20.34
LTE Band17	5	23755	1	#Mid	64QAM	20.86	20.40
LTE Band17	5	23755	1	#Max	64QAM	20.78	20.32
LTE Band17	5	23755	12	#0	64QAM	19.78	19.32
LTE Band17	5	23755	12	#Mid	64QAM	19.80	19.34
LTE Band17	5	23755	12	#Max	64QAM	19.78	19.32
LTE Band17	5	23755	25	#0	64QAM	19.75	19.29
LTE Band17	5	23790	1	#0	64QAM	20.84	20.38
LTE Band17	5	23790	1	#Mid	64QAM	20.90	20.44
LTE Band17	5	23790	1	#Max	64QAM	20.80	20.34
LTE Band17	5	23790	12	#0	64QAM	19.75	19.29
LTE Band17	5	23790	12	#Mid	64QAM	19.76	19.30
LTE Band17	5	23790	12	#Max	64QAM	19.71	19.25
LTE Band17	5	23790	25	#0	64QAM	19.73	19.27
LTE Band17	5	23825	1	#0	64QAM	20.72	20.26
LTE Band17	5	23825	1	#Mid	64QAM	20.87	20.41
LTE Band17	5	23825	1	#Max	64QAM	20.68	20.22
LTE Band17	5	23825	12	#0	64QAM	19.69	19.23
LTE Band17	5	23825	12	#Mid	64QAM	19.70	19.24
LTE Band17	5	23825	12	#Max	64QAM	19.64	19.18
LTE Band17	5	23825	25	#0	64QAM	19.67	19.21
LTE Band17	10	23780	1	#0	64QAM	20.95	20.49
LTE Band17	10	23780	1	#Mid	64QAM	21.01	20.55
LTE Band17	10	23780	1	#Max	64QAM	20.81	20.35
LTE Band17	10	23780	25	#0	64QAM	19.73	19.27
LTE Band17	10	23780	25	#Mid	64QAM	19.76	19.30
LTE Band17	10	23780	25	#Max	64QAM	19.71	19.25
LTE Band17	10	23780	50	#0	64QAM	19.75	19.29
LTE Band17	10	23790	1	#0	64QAM	20.97	20.51
LTE Band17	10	23790	1	#Mid	64QAM	20.96	20.50
LTE Band17	10	23790	1	#Max	64QAM	20.82	20.36
LTE Band17	10	23790	25	#0	64QAM	19.76	19.30
LTE Band17	10	23790	25	#Mid	64QAM	19.76	19.30
LTE Band17	10	23790	25	#Max	64QAM	19.71	19.25
LTE Band17	10	23790	50	#0	64QAM	19.73	19.27
LTE Band17	10	23800	1	#0	64QAM	20.93	20.47
LTE Band17	10	23800	1	#Mid	64QAM	20.94	20.48
LTE Band17	10	23800	1	#Max	64QAM	20.75	20.29
LTE Band17	10	23800	25	#0	64QAM	19.73	19.27
LTE Band17	10	23800	25	#Mid	64QAM	19.72	19.26
LTE Band17	10	23800	25	#Max	64QAM	19.66	19.20
LTE Band17	10	23800	50	#0	64QAM	19.73	19.27

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Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band25	1.4	26047	1	#0	QPSK	23.33	25.21
LTE Band25	1.4	26047	1	#Mid	QPSK	23.47	25.35
LTE Band25	1.4	26047	1	#Max	QPSK	23.37	25.25
LTE Band25	1.4	26047	3	#0	QPSK	23.40	25.28
LTE Band25	1.4	26047	3	#Mid	QPSK	23.40	25.28
LTE Band25	1.4	26047	3	#Max	QPSK	23.43	25.31
LTE Band25	1.4	26047	6	#0	QPSK	22.33	24.21
LTE Band25	1.4	26047	1	#0	16QAM	22.33	24.21
LTE Band25	1.4	26047	1	#Mid	16QAM	22.55	24.43
LTE Band25	1.4	26047	1	#Max	16QAM	22.33	24.21
LTE Band25	1.4	26047	3	#0	16QAM	22.58	24.46
LTE Band25	1.4	26047	3	#Mid	16QAM	22.56	24.44
LTE Band25	1.4	26047	3	#Max	16QAM	22.55	24.43
LTE Band25	1.4	26047	6	#0	16QAM	21.39	23.27
LTE Band25	1.4	26365	1	#0	QPSK	23.02	24.90
LTE Band25	1.4	26365	1	#Mid	QPSK	23.25	25.13
LTE Band25	1.4	26365	1	#Max	QPSK	22.99	24.87
LTE Band25	1.4	26365	3	#0	QPSK	23.12	25.00
LTE Band25	1.4	26365	3	#Mid	QPSK	23.12	25.00
LTE Band25	1.4	26365	3	#Max	QPSK	23.09	24.97
LTE Band25	1.4	26365	6	#0	QPSK	22.03	23.91
LTE Band25	1.4	26365	1	#0	16QAM	22.20	24.08
LTE Band25	1.4	26365	1	#Mid	16QAM	22.42	24.30
LTE Band25	1.4	26365	1	#Max	16QAM	22.24	24.12
LTE Band25	1.4	26365	3	#0	16QAM	22.13	24.01
LTE Band25	1.4	26365	3	#Mid	16QAM	22.13	24.01
LTE Band25	1.4	26365	3	#Max	16QAM	22.14	24.02
LTE Band25	1.4	26365	6	#0	16QAM	21.02	22.90
LTE Band25	1.4	26683	1	#0	QPSK	23.15	25.03
LTE Band25	1.4	26683	1	#Mid	QPSK	23.32	25.20
LTE Band25	1.4	26683	1	#Max	QPSK	23.18	25.06
LTE Band25	1.4	26683	3	#0	QPSK	23.21	25.09
LTE Band25	1.4	26683	3	#Mid	QPSK	23.24	25.12
LTE Band25	1.4	26683	3	#Max	QPSK	23.21	25.09
LTE Band25	1.4	26683	6	#0	QPSK	22.17	24.05
LTE Band25	1.4	26683	1	#0	16QAM	22.03	23.91
LTE Band25	1.4	26683	1	#Mid	16QAM	22.04	23.92
LTE Band25	1.4	26683	1	#Max	16QAM	22.03	23.91
LTE Band25	1.4	26683	3	#0	16QAM	22.16	24.04
LTE Band25	1.4	26683	3	#Mid	16QAM	22.13	24.01
LTE Band25	1.4	26683	3	#Max	16QAM	22.15	24.03

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LTE Band25	1.4	26683	6	#0	16QAM	21.15	23.03
LTE Band25	3	26055	1	#0	QPSK	23.37	25.25
LTE Band25	3	26055	1	#Mid	QPSK	23.36	25.24
LTE Band25	3	26055	1	#Max	QPSK	23.38	25.26
LTE Band25	3	26055	8	#0	QPSK	22.35	24.23
LTE Band25	3	26055	8	#Mid	QPSK	22.40	24.28
LTE Band25	3	26055	8	#Max	QPSK	22.34	24.22
LTE Band25	3	26055	15	#0	QPSK	22.35	24.23
LTE Band25	3	26055	1	#0	16QAM	22.25	24.13
LTE Band25	3	26055	1	#Mid	16QAM	22.29	24.17
LTE Band25	3	26055	1	#Max	16QAM	22.27	24.15
LTE Band25	3	26055	8	#0	16QAM	21.39	23.27
LTE Band25	3	26055	8	#Mid	16QAM	21.36	23.24
LTE Band25	3	26055	8	#Max	16QAM	21.39	23.27
LTE Band25	3	26055	15	#0	16QAM	21.35	23.23
LTE Band25	3	26365	1	#0	QPSK	23.05	24.93
LTE Band25	3	26365	1	#Mid	QPSK	23.04	24.92
LTE Band25	3	26365	1	#Max	QPSK	23.03	24.91
LTE Band25	3	26365	8	#0	QPSK	22.09	23.97
LTE Band25	3	26365	8	#Mid	QPSK	22.07	23.95
LTE Band25	3	26365	8	#Max	QPSK	22.08	23.96
LTE Band25	3	26365	15	#0	QPSK	22.04	23.92
LTE Band25	3	26365	1	#0	16QAM	22.38	24.26
LTE Band25	3	26365	1	#Mid	16QAM	22.36	24.24
LTE Band25	3	26365	1	#Max	16QAM	22.34	24.22
LTE Band25	3	26365	8	#0	16QAM	21.10	22.98
LTE Band25	3	26365	8	#Mid	16QAM	21.09	22.97
LTE Band25	3	26365	8	#Max	16QAM	21.08	22.96
LTE Band25	3	26365	15	#0	16QAM	21.04	22.92
LTE Band25	3	26675	1	#0	QPSK	23.15	25.03
LTE Band25	3	26675	1	#Mid	QPSK	23.16	25.04
LTE Band25	3	26675	1	#Max	QPSK	23.15	25.03
LTE Band25	3	26675	8	#0	QPSK	22.19	24.07
LTE Band25	3	26675	8	#Mid	QPSK	22.21	24.09
LTE Band25	3	26675	8	#Max	QPSK	22.19	24.07
LTE Band25	3	26675	15	#0	QPSK	22.18	24.06
LTE Band25	3	26675	1	#0	16QAM	22.31	24.19
LTE Band25	3	26675	1	#Mid	16QAM	22.31	24.19
LTE Band25	3	26675	1	#Max	16QAM	22.26	24.14
LTE Band25	3	26675	8	#0	16QAM	21.17	23.05
LTE Band25	3	26675	8	#Mid	16QAM	21.16	23.04
LTE Band25	3	26675	8	#Max	16QAM	21.13	23.01
LTE Band25	3	26675	15	#0	16QAM	21.05	22.93

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LTE Band25	5	26065	1	#0	QPSK	23.29	25.17
LTE Band25	5	26065	1	#Mid	QPSK	23.40	25.28
LTE Band25	5	26065	1	#Max	QPSK	23.26	25.14
LTE Band25	5	26065	12	#0	QPSK	22.38	24.26
LTE Band25	5	26065	12	#Mid	QPSK	22.37	24.25
LTE Band25	5	26065	12	#Max	QPSK	22.34	24.22
LTE Band25	5	26065	25	#0	QPSK	22.40	24.28
LTE Band25	5	26065	1	#0	16QAM	22.58	24.46
LTE Band25	5	26065	1	#Mid	16QAM	22.68	24.56
LTE Band25	5	26065	1	#Max	16QAM	22.54	24.42
LTE Band25	5	26065	12	#0	16QAM	21.36	23.24
LTE Band25	5	26065	12	#Mid	16QAM	21.37	23.25
LTE Band25	5	26065	12	#Max	16QAM	21.34	23.22
LTE Band25	5	26065	25	#0	16QAM	21.42	23.30
LTE Band25	5	26365	1	#0	QPSK	22.98	24.86
LTE Band25	5	26365	1	#Mid	QPSK	23.14	25.02
LTE Band25	5	26365	1	#Max	QPSK	22.94	24.82
LTE Band25	5	26365	12	#0	QPSK	22.14	24.02
LTE Band25	5	26365	12	#Mid	QPSK	22.15	24.03
LTE Band25	5	26365	12	#Max	QPSK	22.12	24.00
LTE Band25	5	26365	25	#0	QPSK	22.12	24.00
LTE Band25	5	26365	1	#0	16QAM	22.19	24.07
LTE Band25	5	26365	1	#Mid	16QAM	22.28	24.16
LTE Band25	5	26365	1	#Max	16QAM	22.22	24.10
LTE Band25	5	26365	12	#0	16QAM	21.10	22.98
LTE Band25	5	26365	12	#Mid	16QAM	21.05	22.93
LTE Band25	5	26365	12	#Max	16QAM	21.07	22.95
LTE Band25	5	26365	25	#0	16QAM	21.10	22.98
LTE Band25	5	26665	1	#0	QPSK	23.02	24.90
LTE Band25	5	26665	1	#Mid	QPSK	23.17	25.05
LTE Band25	5	26665	1	#Max	QPSK	23.03	24.91
LTE Band25	5	26665	12	#0	QPSK	22.27	24.15
LTE Band25	5	26665	12	#Mid	QPSK	22.26	24.14
LTE Band25	5	26665	12	#Max	QPSK	22.11	23.99
LTE Band25	5	26665	25	#0	QPSK	22.20	24.08
LTE Band25	5	26665	1	#0	16QAM	22.28	24.16
LTE Band25	5	26665	1	#Mid	16QAM	22.45	24.33
LTE Band25	5	26665	1	#Max	16QAM	22.29	24.17
LTE Band25	5	26665	12	#0	16QAM	21.30	23.18
LTE Band25	5	26665	12	#Mid	16QAM	21.32	23.20
LTE Band25	5	26665	12	#Max	16QAM	21.16	23.04
LTE Band25	5	26665	25	#0	16QAM	21.25	23.13
LTE Band25	10	26090	1	#0	QPSK	23.39	25.27

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LTE Band25	10	26090	1	#Mid	QPSK	23.44	25.32
LTE Band25	10	26090	1	#Max	QPSK	23.30	25.18
LTE Band25	10	26090	25	#0	QPSK	22.39	24.27
LTE Band25	10	26090	25	#Mid	QPSK	22.41	24.29
LTE Band25	10	26090	25	#Max	QPSK	22.40	24.28
LTE Band25	10	26090	50	#0	QPSK	22.42	24.30
LTE Band25	10	26090	1	#0	16QAM	22.54	24.42
LTE Band25	10	26090	1	#Mid	16QAM	22.68	24.56
LTE Band25	10	26090	1	#Max	16QAM	22.47	24.35
LTE Band25	10	26090	25	#0	16QAM	21.45	23.33
LTE Band25	10	26090	25	#Mid	16QAM	21.48	23.36
LTE Band25	10	26090	25	#Max	16QAM	21.45	23.33
LTE Band25	10	26090	50	#0	16QAM	21.40	23.28
LTE Band25	10	26365	1	#0	QPSK	23.17	25.05
LTE Band25	10	26365	1	#Mid	QPSK	23.29	25.17
LTE Band25	10	26365	1	#Max	QPSK	23.13	25.01
LTE Band25	10	26365	25	#0	QPSK	22.13	24.01
LTE Band25	10	26365	25	#Mid	QPSK	22.14	24.02
LTE Band25	10	26365	25	#Max	QPSK	22.13	24.01
LTE Band25	10	26365	50	#0	QPSK	22.13	24.01
LTE Band25	10	26365	1	#0	16QAM	22.00	23.88
LTE Band25	10	26365	1	#Mid	16QAM	22.17	24.05
LTE Band25	10	26365	1	#Max	16QAM	21.96	23.84
LTE Band25	10	26365	25	#0	16QAM	21.16	23.04
LTE Band25	10	26365	25	#Mid	16QAM	21.17	23.05
LTE Band25	10	26365	25	#Max	16QAM	21.16	23.04
LTE Band25	10	26365	50	#0	16QAM	21.15	23.03
LTE Band25	10	26640	1	#0	QPSK	23.11	24.99
LTE Band25	10	26640	1	#Mid	QPSK	23.23	25.11
LTE Band25	10	26640	1	#Max	QPSK	23.14	25.02
LTE Band25	10	26640	25	#0	QPSK	22.14	24.02
LTE Band25	10	26640	25	#Mid	QPSK	22.15	24.03
LTE Band25	10	26640	25	#Max	QPSK	22.05	23.93
LTE Band25	10	26640	50	#0	QPSK	22.12	24.00
LTE Band25	10	26640	1	#0	16QAM	22.35	24.23
LTE Band25	10	26640	1	#Mid	16QAM	22.43	24.31
LTE Band25	10	26640	1	#Max	16QAM	22.34	24.22
LTE Band25	10	26640	25	#0	16QAM	21.23	23.11
LTE Band25	10	26640	25	#Mid	16QAM	21.24	23.12
LTE Band25	10	26640	25	#Max	16QAM	21.09	22.97
LTE Band25	10	26640	50	#0	16QAM	21.10	22.98
LTE Band25	15	26115	1	#0	QPSK	23.32	25.20
LTE Band25	15	26115	1	#Mid	QPSK	23.35	25.23

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LTE Band25	15	26115	1	#Max	QPSK	23.13	25.01
LTE Band25	15	26115	36	#0	QPSK	22.43	24.31
LTE Band25	15	26115	36	#Mid	QPSK	22.44	24.32
LTE Band25	15	26115	36	#Max	QPSK	22.34	24.22
LTE Band25	15	26115	75	#0	QPSK	22.40	24.28
LTE Band25	15	26115	1	#0	16QAM	22.64	24.52
LTE Band25	15	26115	1	#Mid	16QAM	22.64	24.52
LTE Band25	15	26115	1	#Max	16QAM	22.44	24.32
LTE Band25	15	26115	36	#0	16QAM	21.43	23.31
LTE Band25	15	26115	36	#Mid	16QAM	21.40	23.28
LTE Band25	15	26115	36	#Max	16QAM	21.37	23.25
LTE Band25	15	26115	75	#0	16QAM	21.42	23.30
LTE Band25	15	26365	1	#0	QPSK	23.06	24.94
LTE Band25	15	26365	1	#Mid	QPSK	23.12	25.00
LTE Band25	15	26365	1	#Max	QPSK	23.00	24.88
LTE Band25	15	26365	36	#0	QPSK	22.21	24.09
LTE Band25	15	26365	36	#Mid	QPSK	22.17	24.05
LTE Band25	15	26365	36	#Max	QPSK	22.16	24.04
LTE Band25	15	26365	75	#0	QPSK	22.17	24.05
LTE Band25	15	26365	1	#0	16QAM	22.29	24.17
LTE Band25	15	26365	1	#Mid	16QAM	22.32	24.20
LTE Band25	15	26365	1	#Max	16QAM	22.18	24.06
LTE Band25	15	26365	36	#0	16QAM	21.17	23.05
LTE Band25	15	26365	36	#Mid	16QAM	21.15	23.03
LTE Band25	15	26365	36	#Max	16QAM	21.15	23.03
LTE Band25	15	26365	75	#0	16QAM	21.15	23.03
LTE Band25	15	26615	1	#0	QPSK	23.10	24.98
LTE Band25	15	26615	1	#Mid	QPSK	23.23	25.11
LTE Band25	15	26615	1	#Max	QPSK	23.09	24.97
LTE Band25	15	26615	36	#0	QPSK	22.17	24.05
LTE Band25	15	26615	36	#Mid	QPSK	22.14	24.02
LTE Band25	15	26615	36	#Max	QPSK	22.15	24.03
LTE Band25	15	26615	75	#0	QPSK	22.09	23.97
LTE Band25	15	26615	1	#0	16QAM	22.07	23.95
LTE Band25	15	26615	1	#Mid	16QAM	22.17	24.05
LTE Band25	15	26615	1	#Max	16QAM	22.03	23.91
LTE Band25	15	26615	36	#0	16QAM	21.08	22.96
LTE Band25	15	26615	36	#Mid	16QAM	21.09	22.97
LTE Band25	15	26615	36	#Max	16QAM	21.06	22.94
LTE Band25	15	26615	75	#0	16QAM	21.11	22.99
LTE Band25	20	26140	1	#0	QPSK	23.14	25.02
LTE Band25	20	26140	1	#Mid	QPSK	23.44	25.32
LTE Band25	20	26140	1	#Max	QPSK	22.92	24.80

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LTE Band25	20	26140	50	#0	QPSK	22.36	24.24
LTE Band25	20	26140	50	#Mid	QPSK	22.38	24.26
LTE Band25	20	26140	50	#Max	QPSK	22.31	24.19
LTE Band25	20	26140	100	#0	QPSK	22.36	24.24
LTE Band25	20	26140	1	#0	16QAM	22.37	24.25
LTE Band25	20	26140	1	#Mid	16QAM	22.68	24.56
LTE Band25	20	26140	1	#Max	16QAM	22.15	24.03
LTE Band25	20	26140	50	#0	16QAM	21.41	23.29
LTE Band25	20	26140	50	#Mid	16QAM	21.43	23.31
LTE Band25	20	26140	50	#Max	16QAM	21.38	23.26
LTE Band25	20	26140	100	#0	16QAM	21.35	23.23
LTE Band25	20	26365	1	#0	QPSK	22.98	24.86
LTE Band25	20	26365	1	#Mid	QPSK	23.31	25.19
LTE Band25	20	26365	1	#Max	QPSK	22.87	24.75
LTE Band25	20	26365	50	#0	QPSK	22.11	23.99
LTE Band25	20	26365	50	#Mid	QPSK	22.13	24.01
LTE Band25	20	26365	50	#Max	QPSK	22.05	23.93
LTE Band25	20	26365	100	#0	QPSK	22.10	23.98
LTE Band25	20	26365	1	#0	16QAM	21.83	23.71
LTE Band25	20	26365	1	#Mid	16QAM	22.21	24.09
LTE Band25	20	26365	1	#Max	16QAM	21.75	23.63
LTE Band25	20	26365	50	#0	16QAM	21.11	22.99
LTE Band25	20	26365	50	#Mid	16QAM	21.08	22.96
LTE Band25	20	26365	50	#Max	16QAM	21.07	22.95
LTE Band25	20	26365	100	#0	16QAM	21.11	22.99
LTE Band25	20	26590	1	#0	QPSK	22.89	24.77
LTE Band25	20	26590	1	#Mid	QPSK	23.30	25.18
LTE Band25	20	26590	1	#Max	QPSK	22.87	24.75
LTE Band25	20	26590	50	#0	QPSK	22.07	23.95
LTE Band25	20	26590	50	#Mid	QPSK	22.08	23.96
LTE Band25	20	26590	50	#Max	QPSK	21.99	23.87
LTE Band25	20	26590	100	#0	QPSK	22.07	23.95
LTE Band25	20	26590	1	#0	16QAM	21.70	23.58
LTE Band25	20	26590	1	#Mid	16QAM	22.05	23.93
LTE Band25	20	26590	1	#Max	16QAM	21.60	23.48
LTE Band25	20	26590	50	#0	16QAM	21.15	23.03
LTE Band25	20	26590	50	#Mid	16QAM	21.17	23.05
LTE Band25	20	26590	50	#Max	16QAM	21.05	22.93
LTE Band25	20	26590	100	#0	16QAM	21.06	22.94
LTE Band25	1.4	26047	1	#0	64QAM	20.79	22.67
LTE Band25	1.4	26047	1	#Mid	64QAM	20.87	22.75
LTE Band25	1.4	26047	1	#Max	64QAM	20.78	22.66
LTE Band25	1.4	26047	3	#0	64QAM	20.77	22.65

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LTE Band25	1.4	26047	3	#Mid	64QAM	20.79	22.67
LTE Band25	1.4	26047	3	#Max	64QAM	20.73	22.61
LTE Band25	1.4	26047	6	#0	64QAM	19.72	21.60
LTE Band25	1.4	26365	1	#0	64QAM	20.61	22.49
LTE Band25	1.4	26365	1	#Mid	64QAM	20.73	22.61
LTE Band25	1.4	26365	1	#Max	64QAM	20.61	22.49
LTE Band25	1.4	26365	3	#0	64QAM	20.62	22.50
LTE Band25	1.4	26365	3	#Mid	64QAM	20.72	22.60
LTE Band25	1.4	26365	3	#Max	64QAM	20.67	22.55
LTE Band25	1.4	26365	6	#0	64QAM	19.53	21.41
LTE Band25	1.4	26683	1	#0	64QAM	20.54	22.42
LTE Band25	1.4	26683	1	#Mid	64QAM	20.62	22.50
LTE Band25	1.4	26683	1	#Max	64QAM	20.55	22.43
LTE Band25	1.4	26683	3	#0	64QAM	20.53	22.41
LTE Band25	1.4	26683	3	#Mid	64QAM	20.58	22.46
LTE Band25	1.4	26683	3	#Max	64QAM	20.50	22.38
LTE Band25	1.4	26683	6	#0	64QAM	19.42	21.30
LTE Band25	3	26055	1	#0	64QAM	20.83	22.71
LTE Band25	3	26055	1	#Mid	64QAM	20.82	22.70
LTE Band25	3	26055	1	#Max	64QAM	20.82	22.70
LTE Band25	3	26055	8	#0	64QAM	19.70	21.58
LTE Band25	3	26055	8	#Mid	64QAM	19.73	21.61
LTE Band25	3	26055	8	#Max	64QAM	19.70	21.58
LTE Band25	3	26055	15	#0	64QAM	19.67	21.55
LTE Band25	3	26365	1	#0	64QAM	20.60	22.48
LTE Band25	3	26365	1	#Mid	64QAM	20.71	22.59
LTE Band25	3	26365	1	#Max	64QAM	20.73	22.61
LTE Band25	3	26365	8	#0	64QAM	19.59	21.47
LTE Band25	3	26365	8	#Mid	64QAM	19.60	21.48
LTE Band25	3	26365	8	#Max	64QAM	19.57	21.45
LTE Band25	3	26365	15	#0	64QAM	19.51	21.39
LTE Band25	3	26675	1	#0	64QAM	20.55	22.43
LTE Band25	3	26675	1	#Mid	64QAM	20.55	22.43
LTE Band25	3	26675	1	#Max	64QAM	20.57	22.45
LTE Band25	3	26675	8	#0	64QAM	19.51	21.39
LTE Band25	3	26675	8	#Mid	64QAM	19.55	21.43
LTE Band25	3	26675	8	#Max	64QAM	19.48	21.36
LTE Band25	3	26675	15	#0	64QAM	19.47	21.35
LTE Band25	5	26065	1	#0	64QAM	20.66	22.54
LTE Band25	5	26065	1	#Mid	64QAM	20.77	22.65
LTE Band25	5	26065	1	#Max	64QAM	20.74	22.62
LTE Band25	5	26065	12	#0	64QAM	19.68	21.56
LTE Band25	5	26065	12	#Mid	64QAM	19.72	21.60

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LTE Band25	5	26065	12	#Max	64QAM	19.67	21.55
LTE Band25	5	26065	25	#0	64QAM	19.68	21.56
LTE Band25	5	26365	1	#0	64QAM	20.49	22.37
LTE Band25	5	26365	1	#Mid	64QAM	20.74	22.62
LTE Band25	5	26365	1	#Max	64QAM	20.59	22.47
LTE Band25	5	26365	12	#0	64QAM	19.53	21.41
LTE Band25	5	26365	12	#Mid	64QAM	19.61	21.49
LTE Band25	5	26365	12	#Max	64QAM	19.50	21.38
LTE Band25	5	26365	25	#0	64QAM	19.51	21.39
LTE Band25	5	26665	1	#0	64QAM	20.53	22.41
LTE Band25	5	26665	1	#Mid	64QAM	20.60	22.48
LTE Band25	5	26665	1	#Max	64QAM	20.47	22.35
LTE Band25	5	26665	12	#0	64QAM	19.55	21.43
LTE Band25	5	26665	12	#Mid	64QAM	19.55	21.43
LTE Band25	5	26665	12	#Max	64QAM	19.44	21.32
LTE Band25	5	26665	25	#0	64QAM	19.52	21.40
LTE Band25	10	26090	1	#0	64QAM	20.83	22.71
LTE Band25	10	26090	1	#Mid	64QAM	20.88	22.76
LTE Band25	10	26090	1	#Max	64QAM	20.74	22.62
LTE Band25	10	26090	25	#0	64QAM	19.69	21.57
LTE Band25	10	26090	25	#Mid	64QAM	19.68	21.56
LTE Band25	10	26090	25	#Max	64QAM	19.66	21.54
LTE Band25	10	26090	50	#0	64QAM	19.68	21.56
LTE Band25	10	26365	1	#0	64QAM	20.60	22.48
LTE Band25	10	26365	1	#Mid	64QAM	20.73	22.61
LTE Band25	10	26365	1	#Max	64QAM	20.74	22.62
LTE Band25	10	26365	25	#0	64QAM	19.50	21.38
LTE Band25	10	26365	25	#Mid	64QAM	19.57	21.45
LTE Band25	10	26365	25	#Max	64QAM	19.52	21.40
LTE Band25	10	26365	50	#0	64QAM	19.52	21.40
LTE Band25	10	26640	1	#0	64QAM	20.54	22.42
LTE Band25	10	26640	1	#Mid	64QAM	20.67	22.55
LTE Band25	10	26640	1	#Max	64QAM	20.58	22.46
LTE Band25	10	26640	25	#0	64QAM	19.46	21.34
LTE Band25	10	26640	25	#Mid	64QAM	19.45	21.33
LTE Band25	10	26640	25	#Max	64QAM	19.39	21.27
LTE Band25	10	26640	50	#0	64QAM	19.39	21.27
LTE Band25	15	26115	1	#0	64QAM	20.72	22.60
LTE Band25	15	26115	1	#Mid	64QAM	20.84	22.72
LTE Band25	15	26115	1	#Max	64QAM	20.62	22.50
LTE Band25	15	26115	36	#0	64QAM	19.69	21.57
LTE Band25	15	26115	36	#Mid	64QAM	19.64	21.52
LTE Band25	15	26115	36	#Max	64QAM	19.57	21.45

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LTE Band25	15	26115	75	#0	64QAM	19.60	21.48
LTE Band25	15	26365	1	#0	64QAM	20.61	22.49
LTE Band25	15	26365	1	#Mid	64QAM	20.76	22.64
LTE Band25	15	26365	1	#Max	64QAM	20.69	22.57
LTE Band25	15	26365	36	#0	64QAM	19.51	21.39
LTE Band25	15	26365	36	#Mid	64QAM	19.60	21.48
LTE Band25	15	26365	36	#Max	64QAM	19.57	21.45
LTE Band25	15	26365	75	#0	64QAM	19.50	21.38
LTE Band25	15	26615	1	#0	64QAM	20.54	22.42
LTE Band25	15	26615	1	#Mid	64QAM	20.56	22.44
LTE Band25	15	26615	1	#Max	64QAM	20.53	22.41
LTE Band25	15	26615	36	#0	64QAM	19.45	21.33
LTE Band25	15	26615	36	#Mid	64QAM	19.46	21.34
LTE Band25	15	26615	36	#Max	64QAM	19.39	21.27
LTE Band25	15	26615	75	#0	64QAM	19.37	21.25
LTE Band25	20	26140	1	#0	64QAM	20.58	22.46
LTE Band25	20	26140	1	#Mid	64QAM	20.81	22.69
LTE Band25	20	26140	1	#Max	64QAM	20.27	22.15
LTE Band25	20	26140	50	#0	64QAM	19.64	21.52
LTE Band25	20	26140	50	#Mid	64QAM	19.59	21.47
LTE Band25	20	26140	50	#Max	64QAM	19.53	21.41
LTE Band25	20	26140	100	#0	64QAM	19.57	21.45
LTE Band25	20	26365	1	#0	64QAM	20.26	22.14
LTE Band25	20	26365	1	#Mid	64QAM	20.77	22.65
LTE Band25	20	26365	1	#Max	64QAM	20.50	22.38
LTE Band25	20	26365	50	#0	64QAM	19.46	21.34
LTE Band25	20	26365	50	#Mid	64QAM	19.59	21.47
LTE Band25	20	26365	50	#Max	64QAM	19.51	21.39
LTE Band25	20	26365	100	#0	64QAM	19.48	21.36
LTE Band25	20	26590	1	#0	64QAM	20.43	22.31
LTE Band25	20	26590	1	#Mid	64QAM	20.65	22.53
LTE Band25	20	26590	1	#Max	64QAM	20.35	22.23
LTE Band25	20	26590	50	#0	64QAM	19.42	21.30
LTE Band25	20	26590	50	#Mid	64QAM	19.53	21.41
LTE Band25	20	26590	50	#Max	64QAM	19.28	21.16
LTE Band25	20	26590	100	#0	64QAM	19.36	21.24

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Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band26 (814-824)	1.4	26697	1	#0	QPSK	22.81	22.99
LTE Band26 (814-824)	1.4	26697	1	#Mid	QPSK	23.08	23.26
LTE Band26 (814-824)	1.4	26697	1	#Max	QPSK	22.87	23.05
LTE Band26 (814-824)	1.4	26697	3	#0	QPSK	22.94	23.12
LTE Band26 (814-824)	1.4	26697	3	#Mid	QPSK	22.97	23.15
LTE Band26 (814-824)	1.4	26697	3	#Max	QPSK	22.94	23.12
LTE Band26 (814-824)	1.4	26697	6	#0	QPSK	21.82	22.00
LTE Band26 (814-824)	1.4	26697	1	#0	16QAM	21.84	22.02
LTE Band26 (814-824)	1.4	26697	1	#Mid	16QAM	22.12	22.30
LTE Band26 (814-824)	1.4	26697	1	#Max	16QAM	21.87	22.05
LTE Band26 (814-824)	1.4	26697	3	#0	16QAM	22.04	22.22
LTE Band26 (814-824)	1.4	26697	3	#Mid	16QAM	22.07	22.25
LTE Band26 (814-824)	1.4	26697	3	#Max	16QAM	22.11	22.29
LTE Band26 (814-824)	1.4	26697	6	#0	16QAM	20.82	21.00
LTE Band26 (814-824)	1.4	26740	1	#0	QPSK	22.74	22.92
LTE Band26 (814-824)	1.4	26740	1	#Mid	QPSK	23.02	23.20
LTE Band26 (814-824)	1.4	26740	1	#Max	QPSK	22.78	22.96
LTE Band26 (814-824)	1.4	26740	3	#0	QPSK	22.90	23.08
LTE Band26 (814-824)	1.4	26740	3	#Mid	QPSK	22.90	23.08
LTE Band26 (814-824)	1.4	26740	3	#Max	QPSK	22.88	23.06
LTE Band26 (814-824)	1.4	26740	6	#0	QPSK	21.80	21.98
LTE Band26 (814-824)	1.4	26740	1	#0	16QAM	22.00	22.18
LTE Band26 (814-824)	1.4	26740	1	#Mid	16QAM	22.28	22.46
LTE Band26 (814-824)	1.4	26740	1	#Max	16QAM	22.04	22.22
LTE Band26 (814-824)	1.4	26740	3	#0	16QAM	21.96	22.14
LTE Band26 (814-824)	1.4	26740	3	#Mid	16QAM	21.98	22.16
LTE Band26 (814-824)	1.4	26740	3	#Max	16QAM	21.98	22.16
LTE Band26 (814-824)	1.4	26740	6	#0	16QAM	20.75	20.93
LTE Band26 (814-824)	1.4	26783	1	#0	QPSK	22.83	23.01
LTE Band26 (814-824)	1.4	26783	1	#Mid	QPSK	23.05	23.23
LTE Band26 (814-824)	1.4	26783	1	#Max	QPSK	22.86	23.04
LTE Band26 (814-824)	1.4	26783	3	#0	QPSK	22.94	23.12
LTE Band26 (814-824)	1.4	26783	3	#Mid	QPSK	22.95	23.13
LTE Band26 (814-824)	1.4	26783	3	#Max	QPSK	22.88	23.06
LTE Band26 (814-824)	1.4	26783	6	#0	QPSK	21.83	22.01
LTE Band26 (814-824)	1.4	26783	1	#0	16QAM	21.77	21.95
LTE Band26 (814-824)	1.4	26783	1	#Mid	16QAM	22.02	22.20
LTE Band26 (814-824)	1.4	26783	1	#Max	16QAM	21.74	21.92
LTE Band26 (814-824)	1.4	26783	3	#0	16QAM	21.93	22.11
LTE Band26 (814-824)	1.4	26783	3	#Mid	16QAM	21.91	22.09
LTE Band26 (814-824)	1.4	26783	3	#Max	16QAM	21.95	22.13

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LTE Band26 (814-824)	1.4	26783	6	#0	16QAM	20.81	20.99
LTE Band26 (814-824)	3	26705	1	#0	QPSK	22.93	23.11
LTE Band26 (814-824)	3	26705	1	#Mid	QPSK	22.89	23.07
LTE Band26 (814-824)	3	26705	1	#Max	QPSK	22.88	23.06
LTE Band26 (814-824)	3	26705	8	#0	QPSK	21.84	22.02
LTE Band26 (814-824)	3	26705	8	#Mid	QPSK	21.83	22.01
LTE Band26 (814-824)	3	26705	8	#Max	QPSK	21.85	22.03
LTE Band26 (814-824)	3	26705	15	#0	QPSK	21.86	22.04
LTE Band26 (814-824)	3	26705	1	#0	16QAM	21.78	21.96
LTE Band26 (814-824)	3	26705	1	#Mid	16QAM	21.74	21.92
LTE Band26 (814-824)	3	26705	1	#Max	16QAM	21.79	21.97
LTE Band26 (814-824)	3	26705	8	#0	16QAM	20.87	21.05
LTE Band26 (814-824)	3	26705	8	#Mid	16QAM	20.87	21.05
LTE Band26 (814-824)	3	26705	8	#Max	16QAM	20.86	21.04
LTE Band26 (814-824)	3	26705	15	#0	16QAM	20.86	21.04
LTE Band26 (814-824)	3	26740	1	#0	QPSK	22.88	23.06
LTE Band26 (814-824)	3	26740	1	#Mid	QPSK	22.80	22.98
LTE Band26 (814-824)	3	26740	1	#Max	QPSK	22.84	23.02
LTE Band26 (814-824)	3	26740	8	#0	QPSK	21.81	21.99
LTE Band26 (814-824)	3	26740	8	#Mid	QPSK	21.84	22.02
LTE Band26 (814-824)	3	26740	8	#Max	QPSK	21.85	22.03
LTE Band26 (814-824)	3	26740	15	#0	QPSK	21.87	22.05
LTE Band26 (814-824)	3	26740	1	#0	16QAM	22.21	22.39
LTE Band26 (814-824)	3	26740	1	#Mid	16QAM	22.17	22.35
LTE Band26 (814-824)	3	26740	1	#Max	16QAM	22.26	22.44
LTE Band26 (814-824)	3	26740	8	#0	16QAM	20.90	21.08
LTE Band26 (814-824)	3	26740	8	#Mid	16QAM	20.91	21.09
LTE Band26 (814-824)	3	26740	8	#Max	16QAM	20.88	21.06
LTE Band26 (814-824)	3	26740	15	#0	16QAM	20.80	20.98
LTE Band26 (814-824)	3	26775	1	#0	QPSK	22.89	23.07
LTE Band26 (814-824)	3	26775	1	#Mid	QPSK	22.86	23.04
LTE Band26 (814-824)	3	26775	1	#Max	QPSK	22.90	23.08
LTE Band26 (814-824)	3	26775	8	#0	QPSK	21.83	22.01
LTE Band26 (814-824)	3	26775	8	#Mid	QPSK	21.80	21.98
LTE Band26 (814-824)	3	26775	8	#Max	QPSK	21.90	22.08
LTE Band26 (814-824)	3	26775	15	#0	QPSK	21.88	22.06
LTE Band26 (814-824)	3	26775	1	#0	16QAM	22.15	22.33
LTE Band26 (814-824)	3	26775	1	#Mid	16QAM	22.05	22.23
LTE Band26 (814-824)	3	26775	1	#Max	16QAM	22.08	22.26
LTE Band26 (814-824)	3	26775	8	#0	16QAM	20.84	21.02
LTE Band26 (814-824)	3	26775	8	#Mid	16QAM	20.86	21.04
LTE Band26 (814-824)	3	26775	8	#Max	16QAM	20.91	21.09
LTE Band26 (814-824)	3	26775	15	#0	16QAM	20.74	20.92

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LTE Band26 (814-824)	5	26715	1	#0	QPSK	22.69	22.87
LTE Band26 (814-824)	5	26715	1	#Mid	QPSK	22.78	22.96
LTE Band26 (814-824)	5	26715	1	#Max	QPSK	22.74	22.92
LTE Band26 (814-824)	5	26715	12	#0	QPSK	21.91	22.09
LTE Band26 (814-824)	5	26715	12	#Mid	QPSK	21.86	22.04
LTE Band26 (814-824)	5	26715	12	#Max	QPSK	21.79	21.97
LTE Band26 (814-824)	5	26715	25	#0	QPSK	21.86	22.04
LTE Band26 (814-824)	5	26715	1	#0	16QAM	22.06	22.24
LTE Band26 (814-824)	5	26715	1	#Mid	16QAM	22.10	22.28
LTE Band26 (814-824)	5	26715	1	#Max	16QAM	22.06	22.24
LTE Band26 (814-824)	5	26715	12	#0	16QAM	20.92	21.10
LTE Band26 (814-824)	5	26715	12	#Mid	16QAM	20.96	21.14
LTE Band26 (814-824)	5	26715	12	#Max	16QAM	20.86	21.04
LTE Band26 (814-824)	5	26715	25	#0	16QAM	20.83	21.01
LTE Band26 (814-824)	5	26740	1	#0	QPSK	22.79	22.97
LTE Band26 (814-824)	5	26740	1	#Mid	QPSK	22.88	23.06
LTE Band26 (814-824)	5	26740	1	#Max	QPSK	22.80	22.98
LTE Band26 (814-824)	5	26740	12	#0	QPSK	21.83	22.01
LTE Band26 (814-824)	5	26740	12	#Mid	QPSK	21.92	22.10
LTE Band26 (814-824)	5	26740	12	#Max	QPSK	21.85	22.03
LTE Band26 (814-824)	5	26740	25	#0	QPSK	21.92	22.10
LTE Band26 (814-824)	5	26740	1	#0	16QAM	22.14	22.32
LTE Band26 (814-824)	5	26740	1	#Mid	16QAM	22.18	22.36
LTE Band26 (814-824)	5	26740	1	#Max	16QAM	22.20	22.38
LTE Band26 (814-824)	5	26740	12	#0	16QAM	20.92	21.10
LTE Band26 (814-824)	5	26740	12	#Mid	16QAM	20.87	21.05
LTE Band26 (814-824)	5	26740	12	#Max	16QAM	20.87	21.05
LTE Band26 (814-824)	5	26740	25	#0	16QAM	20.94	21.12
LTE Band26 (814-824)	5	26765	1	#0	QPSK	22.79	22.97
LTE Band26 (814-824)	5	26765	1	#Mid	QPSK	22.82	23.00
LTE Band26 (814-824)	5	26765	1	#Max	QPSK	22.79	22.97
LTE Band26 (814-824)	5	26765	12	#0	QPSK	21.91	22.09
LTE Band26 (814-824)	5	26765	12	#Mid	QPSK	21.86	22.04
LTE Band26 (814-824)	5	26765	12	#Max	QPSK	21.92	22.10
LTE Band26 (814-824)	5	26765	25	#0	QPSK	21.89	22.07
LTE Band26 (814-824)	5	26765	1	#0	16QAM	22.05	22.23
LTE Band26 (814-824)	5	26765	1	#Mid	16QAM	22.11	22.29
LTE Band26 (814-824)	5	26765	1	#Max	16QAM	22.10	22.28
LTE Band26 (814-824)	5	26765	12	#0	16QAM	20.78	20.96
LTE Band26 (814-824)	5	26765	12	#Mid	16QAM	20.81	20.99
LTE Band26 (814-824)	5	26765	12	#Max	16QAM	20.89	21.07
LTE Band26 (814-824)	5	26765	25	#0	16QAM	20.86	21.04
LTE Band26 (814-824)	10	26740	1	#0	QPSK	22.84	23.02

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LTE Band26 (814-824)	10	26740	1	#Mid	QPSK	22.97	23.15
LTE Band26 (814-824)	10	26740	1	#Max	QPSK	22.82	23.00
LTE Band26 (814-824)	10	26740	25	#0	QPSK	21.94	22.12
LTE Band26 (814-824)	10	26740	25	#Mid	QPSK	21.95	22.13
LTE Band26 (814-824)	10	26740	25	#Max	QPSK	21.99	22.17
LTE Band26 (814-824)	10	26740	50	#0	QPSK	21.99	22.17
LTE Band26 (814-824)	10	26740	1	#0	16QAM	22.15	22.33
LTE Band26 (814-824)	10	26740	1	#Mid	16QAM	22.23	22.41
LTE Band26 (814-824)	10	26740	1	#Max	16QAM	22.17	22.35
LTE Band26 (814-824)	10	26740	25	#0	16QAM	21.08	21.26
LTE Band26 (814-824)	10	26740	25	#Mid	16QAM	21.06	21.24
LTE Band26 (814-824)	10	26740	25	#Max	16QAM	21.10	21.28
LTE Band26 (814-824)	10	26740	50	#0	16QAM	21.02	21.20
LTE Band26 (814-824)	1.4	26697	1	#0	64QAM	20.39	20.57
LTE Band26 (814-824)	1.4	26697	1	#Mid	64QAM	20.55	20.73
LTE Band26 (814-824)	1.4	26697	1	#Max	64QAM	20.36	20.54
LTE Band26 (814-824)	1.4	26697	3	#0	64QAM	20.42	20.60
LTE Band26 (814-824)	1.4	26697	3	#Mid	64QAM	20.36	20.54
LTE Band26 (814-824)	1.4	26697	3	#Max	64QAM	20.41	20.59
LTE Band26 (814-824)	1.4	26697	6	#0	64QAM	19.29	19.47
LTE Band26 (814-824)	1.4	26740	1	#0	64QAM	20.50	20.68
LTE Band26 (814-824)	1.4	26740	1	#Mid	64QAM	20.62	20.80
LTE Band26 (814-824)	1.4	26740	1	#Max	64QAM	20.51	20.69
LTE Band26 (814-824)	1.4	26740	3	#0	64QAM	20.48	20.66
LTE Band26 (814-824)	1.4	26740	3	#Mid	64QAM	20.47	20.65
LTE Band26 (814-824)	1.4	26740	3	#Max	64QAM	20.51	20.69
LTE Band26 (814-824)	1.4	26740	6	#0	64QAM	19.39	19.57
LTE Band26 (814-824)	1.4	26783	1	#0	64QAM	20.67	20.85
LTE Band26 (814-824)	1.4	26783	1	#Mid	64QAM	20.76	20.94
LTE Band26 (814-824)	1.4	26783	1	#Max	64QAM	20.68	20.86
LTE Band26 (814-824)	1.4	26783	3	#0	64QAM	20.59	20.77
LTE Band26 (814-824)	1.4	26783	3	#Mid	64QAM	20.60	20.78
LTE Band26 (814-824)	1.4	26783	3	#Max	64QAM	20.53	20.71
LTE Band26 (814-824)	1.4	26783	6	#0	64QAM	19.47	19.65
LTE Band26 (814-824)	3	26705	1	#0	64QAM	20.49	20.67
LTE Band26 (814-824)	3	26705	1	#Mid	64QAM	20.42	20.60
LTE Band26 (814-824)	3	26705	1	#Max	64QAM	20.47	20.65
LTE Band26 (814-824)	3	26705	8	#0	64QAM	19.30	19.48
LTE Band26 (814-824)	3	26705	8	#Mid	64QAM	19.30	19.48
LTE Band26 (814-824)	3	26705	8	#Max	64QAM	19.29	19.47
LTE Band26 (814-824)	3	26705	15	#0	64QAM	19.23	19.41
LTE Band26 (814-824)	3	26740	1	#0	64QAM	20.64	20.82
LTE Band26 (814-824)	3	26740	1	#Mid	64QAM	20.60	20.78

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LTE Band26 (814-824)	3	26740	1	#Max	64QAM	20.63	20.81
LTE Band26 (814-824)	3	26740	8	#0	64QAM	19.44	19.62
LTE Band26 (814-824)	3	26740	8	#Mid	64QAM	19.45	19.63
LTE Band26 (814-824)	3	26740	8	#Max	64QAM	19.42	19.60
LTE Band26 (814-824)	3	26740	15	#0	64QAM	19.35	19.53
LTE Band26 (814-824)	3	26775	1	#0	64QAM	20.66	20.84
LTE Band26 (814-824)	3	26775	1	#Mid	64QAM	20.64	20.82
LTE Band26 (814-824)	3	26775	1	#Max	64QAM	20.70	20.88
LTE Band26 (814-824)	3	26775	8	#0	64QAM	19.44	19.62
LTE Band26 (814-824)	3	26775	8	#Mid	64QAM	19.50	19.68
LTE Band26 (814-824)	3	26775	8	#Max	64QAM	19.50	19.68
LTE Band26 (814-824)	3	26775	15	#0	64QAM	19.41	19.59
LTE Band26 (814-824)	5	26715	1	#0	64QAM	20.30	20.48
LTE Band26 (814-824)	5	26715	1	#Mid	64QAM	20.41	20.59
LTE Band26 (814-824)	5	26715	1	#Max	64QAM	20.37	20.55
LTE Band26 (814-824)	5	26715	12	#0	64QAM	19.28	19.46
LTE Band26 (814-824)	5	26715	12	#Mid	64QAM	19.32	19.50
LTE Band26 (814-824)	5	26715	12	#Max	64QAM	19.23	19.41
LTE Band26 (814-824)	5	26715	25	#0	64QAM	19.27	19.45
LTE Band26 (814-824)	5	26740	1	#0	64QAM	20.45	20.63
LTE Band26 (814-824)	5	26740	1	#Mid	64QAM	20.52	20.70
LTE Band26 (814-824)	5	26740	1	#Max	64QAM	20.55	20.73
LTE Band26 (814-824)	5	26740	12	#0	64QAM	19.43	19.61
LTE Band26 (814-824)	5	26740	12	#Mid	64QAM	19.46	19.64
LTE Band26 (814-824)	5	26740	12	#Max	64QAM	19.45	19.63
LTE Band26 (814-824)	5	26740	25	#0	64QAM	19.43	19.61
LTE Band26 (814-824)	5	26765	1	#0	64QAM	20.55	20.73
LTE Band26 (814-824)	5	26765	1	#Mid	64QAM	20.55	20.73
LTE Band26 (814-824)	5	26765	1	#Max	64QAM	20.59	20.77
LTE Band26 (814-824)	5	26765	12	#0	64QAM	19.39	19.57
LTE Band26 (814-824)	5	26765	12	#Mid	64QAM	19.51	19.69
LTE Band26 (814-824)	5	26765	12	#Max	64QAM	19.51	19.69
LTE Band26 (814-824)	5	26765	25	#0	64QAM	19.43	19.61
LTE Band26 (814-824)	10	26740	1	#0	64QAM	20.51	20.69
LTE Band26 (814-824)	10	26740	1	#Mid	64QAM	20.62	20.80
LTE Band26 (814-824)	10	26740	1	#Max	64QAM	20.63	20.81
LTE Band26 (814-824)	10	26740	25	#0	64QAM	19.48	19.66
LTE Band26 (814-824)	10	26740	25	#Mid	64QAM	19.42	19.60
LTE Band26 (814-824)	10	26740	25	#Max	64QAM	19.54	19.72
LTE Band26 (814-824)	10	26740	50	#0	64QAM	19.53	19.71

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Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band26 (824-849)	1.4	26797	1	#0	QPSK	22.91	23.09
LTE Band26 (824-849)	1.4	26797	1	#Mid	QPSK	23.14	23.32
LTE Band26 (824-849)	1.4	26797	1	#Max	QPSK	22.85	23.03
LTE Band26 (824-849)	1.4	26797	3	#0	QPSK	23.00	23.18
LTE Band26 (824-849)	1.4	26797	3	#Mid	QPSK	22.99	23.17
LTE Band26 (824-849)	1.4	26797	3	#Max	QPSK	22.95	23.13
LTE Band26 (824-849)	1.4	26797	6	#0	QPSK	21.91	22.09
LTE Band26 (824-849)	1.4	26797	1	#0	16QAM	22.10	22.28
LTE Band26 (824-849)	1.4	26797	1	#Mid	16QAM	22.29	22.47
LTE Band26 (824-849)	1.4	26797	1	#Max	16QAM	22.15	22.33
LTE Band26 (824-849)	1.4	26797	3	#0	16QAM	22.05	22.23
LTE Band26 (824-849)	1.4	26797	3	#Mid	16QAM	22.03	22.21
LTE Band26 (824-849)	1.4	26797	3	#Max	16QAM	22.06	22.24
LTE Band26 (824-849)	1.4	26797	6	#0	16QAM	20.91	21.09
LTE Band26 (824-849)	1.4	26915	1	#0	QPSK	22.93	23.11
LTE Band26 (824-849)	1.4	26915	1	#Mid	QPSK	23.24	23.42
LTE Band26 (824-849)	1.4	26915	1	#Max	QPSK	22.97	23.15
LTE Band26 (824-849)	1.4	26915	3	#0	QPSK	23.03	23.21
LTE Band26 (824-849)	1.4	26915	3	#Mid	QPSK	23.02	23.20
LTE Band26 (824-849)	1.4	26915	3	#Max	QPSK	23.01	23.19
LTE Band26 (824-849)	1.4	26915	6	#0	QPSK	21.92	22.10
LTE Band26 (824-849)	1.4	26915	1	#0	16QAM	21.81	21.99
LTE Band26 (824-849)	1.4	26915	1	#Mid	16QAM	21.98	22.16
LTE Band26 (824-849)	1.4	26915	1	#Max	16QAM	21.86	22.04
LTE Band26 (824-849)	1.4	26915	3	#0	16QAM	22.02	22.20
LTE Band26 (824-849)	1.4	26915	3	#Mid	16QAM	22.02	22.20
LTE Band26 (824-849)	1.4	26915	3	#Max	16QAM	22.01	22.19
LTE Band26 (824-849)	1.4	26915	6	#0	16QAM	20.92	21.10
LTE Band26 (824-849)	1.4	27033	1	#0	QPSK	23.03	23.21
LTE Band26 (824-849)	1.4	27033	1	#Mid	QPSK	23.26	23.44
LTE Band26 (824-849)	1.4	27033	1	#Max	QPSK	23.01	23.19
LTE Band26 (824-849)	1.4	27033	3	#0	QPSK	23.05	23.23
LTE Band26 (824-849)	1.4	27033	3	#Mid	QPSK	23.05	23.23
LTE Band26 (824-849)	1.4	27033	3	#Max	QPSK	23.07	23.25
LTE Band26 (824-849)	1.4	27033	6	#0	QPSK	21.99	22.17
LTE Band26 (824-849)	1.4	27033	1	#0	16QAM	21.98	22.16
LTE Band26 (824-849)	1.4	27033	1	#Mid	16QAM	22.20	22.38
LTE Band26 (824-849)	1.4	27033	1	#Max	16QAM	21.98	22.16
LTE Band26 (824-849)	1.4	27033	3	#0	16QAM	22.20	22.38
LTE Band26 (824-849)	1.4	27033	3	#Mid	16QAM	22.20	22.38
LTE Band26 (824-849)	1.4	27033	3	#Max	16QAM	22.24	22.42

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LTE Band26 (824-849)	1.4	27033	6	#0	16QAM	20.97	21.15
LTE Band26 (824-849)	3	26805	1	#0	QPSK	22.96	23.14
LTE Band26 (824-849)	3	26805	1	#Mid	QPSK	22.88	23.06
LTE Band26 (824-849)	3	26805	1	#Max	QPSK	22.88	23.06
LTE Band26 (824-849)	3	26805	8	#0	QPSK	21.90	22.08
LTE Band26 (824-849)	3	26805	8	#Mid	QPSK	21.89	22.07
LTE Band26 (824-849)	3	26805	8	#Max	QPSK	21.94	22.12
LTE Band26 (824-849)	3	26805	15	#0	QPSK	21.93	22.11
LTE Band26 (824-849)	3	26805	1	#0	16QAM	22.35	22.53
LTE Band26 (824-849)	3	26805	1	#Mid	16QAM	22.24	22.42
LTE Band26 (824-849)	3	26805	1	#Max	16QAM	22.26	22.44
LTE Band26 (824-849)	3	26805	8	#0	16QAM	20.96	21.14
LTE Band26 (824-849)	3	26805	8	#Mid	16QAM	20.95	21.13
LTE Band26 (824-849)	3	26805	8	#Max	16QAM	20.98	21.16
LTE Band26 (824-849)	3	26805	15	#0	16QAM	20.88	21.06
LTE Band26 (824-849)	3	26915	1	#0	QPSK	22.97	23.15
LTE Band26 (824-849)	3	26915	1	#Mid	QPSK	22.92	23.10
LTE Band26 (824-849)	3	26915	1	#Max	QPSK	22.99	23.17
LTE Band26 (824-849)	3	26915	8	#0	QPSK	21.92	22.10
LTE Band26 (824-849)	3	26915	8	#Mid	QPSK	21.92	22.10
LTE Band26 (824-849)	3	26915	8	#Max	QPSK	21.98	22.16
LTE Band26 (824-849)	3	26915	15	#0	QPSK	21.99	22.17
LTE Band26 (824-849)	3	26915	1	#0	16QAM	22.20	22.38
LTE Band26 (824-849)	3	26915	1	#Mid	16QAM	22.15	22.33
LTE Band26 (824-849)	3	26915	1	#Max	16QAM	22.18	22.36
LTE Band26 (824-849)	3	26915	8	#0	16QAM	20.96	21.14
LTE Band26 (824-849)	3	26915	8	#Mid	16QAM	20.97	21.15
LTE Band26 (824-849)	3	26915	8	#Max	16QAM	21.02	21.20
LTE Band26 (824-849)	3	26915	15	#0	16QAM	20.87	21.05
LTE Band26 (824-849)	3	27025	1	#0	QPSK	23.03	23.21
LTE Band26 (824-849)	3	27025	1	#Mid	QPSK	23.08	23.26
LTE Band26 (824-849)	3	27025	1	#Max	QPSK	23.06	23.24
LTE Band26 (824-849)	3	27025	8	#0	QPSK	21.99	22.17
LTE Band26 (824-849)	3	27025	8	#Mid	QPSK	22.01	22.19
LTE Band26 (824-849)	3	27025	8	#Max	QPSK	21.97	22.15
LTE Band26 (824-849)	3	27025	15	#0	QPSK	21.99	22.17
LTE Band26 (824-849)	3	27025	1	#0	16QAM	21.87	22.05
LTE Band26 (824-849)	3	27025	1	#Mid	16QAM	21.87	22.05
LTE Band26 (824-849)	3	27025	1	#Max	16QAM	21.92	22.10
LTE Band26 (824-849)	3	27025	8	#0	16QAM	21.06	21.24
LTE Band26 (824-849)	3	27025	8	#Mid	16QAM	21.03	21.21
LTE Band26 (824-849)	3	27025	8	#Max	16QAM	21.01	21.19
LTE Band26 (824-849)	3	27025	15	#0	16QAM	20.99	21.17

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LTE Band26 (824-849)	5	26815	1	#0	QPSK	22.86	23.04
LTE Band26 (824-849)	5	26815	1	#Mid	QPSK	22.92	23.10
LTE Band26 (824-849)	5	26815	1	#Max	QPSK	22.85	23.03
LTE Band26 (824-849)	5	26815	12	#0	QPSK	22.00	22.18
LTE Band26 (824-849)	5	26815	12	#Mid	QPSK	21.97	22.15
LTE Band26 (824-849)	5	26815	12	#Max	QPSK	21.92	22.10
LTE Band26 (824-849)	5	26815	25	#0	QPSK	21.97	22.15
LTE Band26 (824-849)	5	26815	1	#0	16QAM	22.12	22.30
LTE Band26 (824-849)	5	26815	1	#Mid	16QAM	22.19	22.37
LTE Band26 (824-849)	5	26815	1	#Max	16QAM	22.14	22.32
LTE Band26 (824-849)	5	26815	12	#0	16QAM	20.93	21.11
LTE Band26 (824-849)	5	26815	12	#Mid	16QAM	20.92	21.10
LTE Band26 (824-849)	5	26815	12	#Max	16QAM	20.94	21.12
LTE Band26 (824-849)	5	26815	25	#0	16QAM	20.88	21.06
LTE Band26 (824-849)	5	26915	1	#0	QPSK	22.79	22.97
LTE Band26 (824-849)	5	26915	1	#Mid	QPSK	22.93	23.11
LTE Band26 (824-849)	5	26915	1	#Max	QPSK	22.86	23.04
LTE Band26 (824-849)	5	26915	12	#0	QPSK	21.97	22.15
LTE Band26 (824-849)	5	26915	12	#Mid	QPSK	21.98	22.16
LTE Band26 (824-849)	5	26915	12	#Max	QPSK	22.02	22.20
LTE Band26 (824-849)	5	26915	25	#0	QPSK	22.04	22.22
LTE Band26 (824-849)	5	26915	1	#0	16QAM	22.15	22.33
LTE Band26 (824-849)	5	26915	1	#Mid	16QAM	22.21	22.39
LTE Band26 (824-849)	5	26915	1	#Max	16QAM	22.22	22.40
LTE Band26 (824-849)	5	26915	12	#0	16QAM	21.07	21.25
LTE Band26 (824-849)	5	26915	12	#Mid	16QAM	21.08	21.26
LTE Band26 (824-849)	5	26915	12	#Max	16QAM	21.07	21.25
LTE Band26 (824-849)	5	26915	25	#0	16QAM	21.02	21.20
LTE Band26 (824-849)	5	27015	1	#0	QPSK	22.95	23.13
LTE Band26 (824-849)	5	27015	1	#Mid	QPSK	23.00	23.18
LTE Band26 (824-849)	5	27015	1	#Max	QPSK	22.96	23.14
LTE Band26 (824-849)	5	27015	12	#0	QPSK	22.04	22.22
LTE Band26 (824-849)	5	27015	12	#Mid	QPSK	22.04	22.22
LTE Band26 (824-849)	5	27015	12	#Max	QPSK	21.99	22.17
LTE Band26 (824-849)	5	27015	25	#0	QPSK	22.05	22.23
LTE Band26 (824-849)	5	27015	1	#0	16QAM	22.28	22.46
LTE Band26 (824-849)	5	27015	1	#Mid	16QAM	22.31	22.49
LTE Band26 (824-849)	5	27015	1	#Max	16QAM	22.23	22.41
LTE Band26 (824-849)	5	27015	12	#0	16QAM	21.05	21.23
LTE Band26 (824-849)	5	27015	12	#Mid	16QAM	21.00	21.18
LTE Band26 (824-849)	5	27015	12	#Max	16QAM	20.98	21.16
LTE Band26 (824-849)	5	27015	25	#0	16QAM	21.07	21.25
LTE Band26 (824-849)	10	26840	1	#0	QPSK	22.94	23.12

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LTE Band26 (824-849)	10	26840	1	#Mid	QPSK	23.11	23.29
LTE Band26 (824-849)	10	26840	1	#Max	QPSK	22.92	23.10
LTE Band26 (824-849)	10	26840	25	#0	QPSK	22.05	22.23
LTE Band26 (824-849)	10	26840	25	#Mid	QPSK	22.06	22.24
LTE Band26 (824-849)	10	26840	25	#Max	QPSK	21.94	22.12
LTE Band26 (824-849)	10	26840	50	#0	QPSK	22.00	22.18
LTE Band26 (824-849)	10	26840	1	#0	16QAM	22.16	22.34
LTE Band26 (824-849)	10	26840	1	#Mid	16QAM	22.29	22.47
LTE Band26 (824-849)	10	26840	1	#Max	16QAM	22.16	22.34
LTE Band26 (824-849)	10	26840	25	#0	16QAM	21.11	21.29
LTE Band26 (824-849)	10	26840	25	#Mid	16QAM	21.11	21.29
LTE Band26 (824-849)	10	26840	25	#Max	16QAM	21.02	21.20
LTE Band26 (824-849)	10	26840	50	#0	16QAM	20.92	21.10
LTE Band26 (824-849)	10	26915	1	#0	QPSK	23.02	23.20
LTE Band26 (824-849)	10	26915	1	#Mid	QPSK	23.17	23.35
LTE Band26 (824-849)	10	26915	1	#Max	QPSK	23.04	23.22
LTE Band26 (824-849)	10	26915	25	#0	QPSK	22.10	22.28
LTE Band26 (824-849)	10	26915	25	#Mid	QPSK	22.10	22.28
LTE Band26 (824-849)	10	26915	25	#Max	QPSK	22.08	22.26
LTE Band26 (824-849)	10	26915	50	#0	QPSK	22.11	22.29
LTE Band26 (824-849)	10	26915	1	#0	16QAM	21.87	22.05
LTE Band26 (824-849)	10	26915	1	#Mid	16QAM	22.00	22.18
LTE Band26 (824-849)	10	26915	1	#Max	16QAM	21.87	22.05
LTE Band26 (824-849)	10	26915	25	#0	16QAM	21.13	21.31
LTE Band26 (824-849)	10	26915	25	#Mid	16QAM	21.14	21.32
LTE Band26 (824-849)	10	26915	25	#Max	16QAM	21.13	21.31
LTE Band26 (824-849)	10	26915	50	#0	16QAM	21.12	21.30
LTE Band26 (824-849)	10	26990	1	#0	QPSK	22.99	23.17
LTE Band26 (824-849)	10	26990	1	#Mid	QPSK	23.11	23.29
LTE Band26 (824-849)	10	26990	1	#Max	QPSK	22.92	23.10
LTE Band26 (824-849)	10	26990	25	#0	QPSK	22.02	22.20
LTE Band26 (824-849)	10	26990	25	#Mid	QPSK	22.04	22.22
LTE Band26 (824-849)	10	26990	25	#Max	QPSK	21.99	22.17
LTE Band26 (824-849)	10	26990	50	#0	QPSK	22.02	22.20
LTE Band26 (824-849)	10	26990	1	#0	16QAM	22.29	22.47
LTE Band26 (824-849)	10	26990	1	#Mid	16QAM	22.40	22.58
LTE Band26 (824-849)	10	26990	1	#Max	16QAM	22.26	22.44
LTE Band26 (824-849)	10	26990	25	#0	16QAM	21.16	21.34
LTE Band26 (824-849)	10	26990	25	#Mid	16QAM	21.15	21.33
LTE Band26 (824-849)	10	26990	25	#Max	16QAM	21.10	21.28
LTE Band26 (824-849)	10	26990	50	#0	16QAM	21.04	21.22
LTE Band26 (824-849)	15	26865	1	#0	QPSK	22.95	23.13
LTE Band26 (824-849)	15	26865	1	#Mid	QPSK	23.06	23.24

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LTE Band26 (824-849)	15	26865	1	#Max	QPSK	22.86	23.04
LTE Band26 (824-849)	15	26865	36	#0	QPSK	22.04	22.22
LTE Band26 (824-849)	15	26865	36	#Mid	QPSK	22.05	22.23
LTE Band26 (824-849)	15	26865	36	#Max	QPSK	21.97	22.15
LTE Band26 (824-849)	15	26865	75	#0	QPSK	22.05	22.23
LTE Band26 (824-849)	15	26865	1	#0	16QAM	21.98	22.16
LTE Band26 (824-849)	15	26865	1	#Mid	16QAM	22.04	22.22
LTE Band26 (824-849)	15	26865	1	#Max	16QAM	21.93	22.11
LTE Band26 (824-849)	15	26865	36	#0	16QAM	21.04	21.22
LTE Band26 (824-849)	15	26865	36	#Mid	16QAM	21.01	21.19
LTE Band26 (824-849)	15	26865	36	#Max	16QAM	20.96	21.14
LTE Band26 (824-849)	15	26865	75	#0	16QAM	21.04	21.22
LTE Band26 (824-849)	15	26915	1	#0	QPSK	22.88	23.06
LTE Band26 (824-849)	15	26915	1	#Mid	QPSK	22.96	23.14
LTE Band26 (824-849)	15	26915	1	#Max	QPSK	22.80	22.98
LTE Band26 (824-849)	15	26915	36	#0	QPSK	22.08	22.26
LTE Band26 (824-849)	15	26915	36	#Mid	QPSK	22.09	22.27
LTE Band26 (824-849)	15	26915	36	#Max	QPSK	22.01	22.19
LTE Band26 (824-849)	15	26915	75	#0	QPSK	22.06	22.24
LTE Band26 (824-849)	15	26915	1	#0	16QAM	22.18	22.36
LTE Band26 (824-849)	15	26915	1	#Mid	16QAM	22.33	22.51
LTE Band26 (824-849)	15	26915	1	#Max	16QAM	22.16	22.34
LTE Band26 (824-849)	15	26915	36	#0	16QAM	21.08	21.26
LTE Band26 (824-849)	15	26915	36	#Mid	16QAM	21.09	21.27
LTE Band26 (824-849)	15	26915	36	#Max	16QAM	21.07	21.25
LTE Band26 (824-849)	15	26915	75	#0	16QAM	21.08	21.26
LTE Band26 (824-849)	15	26965	1	#0	QPSK	22.86	23.04
LTE Band26 (824-849)	15	26965	1	#Mid	QPSK	23.02	23.20
LTE Band26 (824-849)	15	26965	1	#Max	QPSK	22.81	22.99
LTE Band26 (824-849)	15	26965	36	#0	QPSK	21.98	22.16
LTE Band26 (824-849)	15	26965	36	#Mid	QPSK	22.03	22.21
LTE Band26 (824-849)	15	26965	36	#Max	QPSK	21.94	22.12
LTE Band26 (824-849)	15	26965	75	#0	QPSK	21.96	22.14
LTE Band26 (824-849)	15	26965	1	#0	16QAM	22.04	22.22
LTE Band26 (824-849)	15	26965	1	#Mid	16QAM	22.22	22.40
LTE Band26 (824-849)	15	26965	1	#Max	16QAM	22.00	22.18
LTE Band26 (824-849)	15	26965	36	#0	16QAM	21.04	21.22
LTE Band26 (824-849)	15	26965	36	#Mid	16QAM	21.01	21.19
LTE Band26 (824-849)	15	26965	36	#Max	16QAM	20.97	21.15
LTE Band26 (824-849)	15	26965	75	#0	16QAM	20.96	21.14
LTE Band26 (824-849)	1.4	26797	1	#0	64QAM	20.67	20.85
LTE Band26 (824-849)	1.4	26797	1	#Mid	64QAM	20.67	20.85
LTE Band26 (824-849)	1.4	26797	1	#Max	64QAM	20.68	20.86

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LTE Band26 (824-849)	1.4	26797	3	#0	64QAM	20.61	20.79
LTE Band26 (824-849)	1.4	26797	3	#Mid	64QAM	20.67	20.85
LTE Band26 (824-849)	1.4	26797	3	#Max	64QAM	20.67	20.85
LTE Band26 (824-849)	1.4	26797	6	#0	64QAM	19.51	19.69
LTE Band26 (824-849)	1.4	26915	1	#0	64QAM	20.69	20.87
LTE Band26 (824-849)	1.4	26915	1	#Mid	64QAM	20.76	20.94
LTE Band26 (824-849)	1.4	26915	1	#Max	64QAM	20.57	20.75
LTE Band26 (824-849)	1.4	26915	3	#0	64QAM	20.58	20.76
LTE Band26 (824-849)	1.4	26915	3	#Mid	64QAM	20.65	20.83
LTE Band26 (824-849)	1.4	26915	3	#Max	64QAM	20.62	20.80
LTE Band26 (824-849)	1.4	26915	6	#0	64QAM	19.50	19.68
LTE Band26 (824-849)	1.4	27033	1	#0	64QAM	20.54	20.72
LTE Band26 (824-849)	1.4	27033	1	#Mid	64QAM	20.68	20.86
LTE Band26 (824-849)	1.4	27033	1	#Max	64QAM	20.56	20.74
LTE Band26 (824-849)	1.4	27033	3	#0	64QAM	20.50	20.68
LTE Band26 (824-849)	1.4	27033	3	#Mid	64QAM	20.51	20.69
LTE Band26 (824-849)	1.4	27033	3	#Max	64QAM	20.48	20.66
LTE Band26 (824-849)	1.4	27033	6	#0	64QAM	19.39	19.57
LTE Band26 (824-849)	3	26805	1	#0	64QAM	20.68	20.86
LTE Band26 (824-849)	3	26805	1	#Mid	64QAM	20.73	20.91
LTE Band26 (824-849)	3	26805	1	#Max	64QAM	20.66	20.84
LTE Band26 (824-849)	3	26805	8	#0	64QAM	19.54	19.72
LTE Band26 (824-849)	3	26805	8	#Mid	64QAM	19.57	19.75
LTE Band26 (824-849)	3	26805	8	#Max	64QAM	19.57	19.75
LTE Band26 (824-849)	3	26805	15	#0	64QAM	19.50	19.68
LTE Band26 (824-849)	3	26915	1	#0	64QAM	20.71	20.89
LTE Band26 (824-849)	3	26915	1	#Mid	64QAM	20.61	20.79
LTE Band26 (824-849)	3	26915	1	#Max	64QAM	20.74	20.92
LTE Band26 (824-849)	3	26915	8	#0	64QAM	19.55	19.73
LTE Band26 (824-849)	3	26915	8	#Mid	64QAM	19.57	19.75
LTE Band26 (824-849)	3	26915	8	#Max	64QAM	19.59	19.77
LTE Band26 (824-849)	3	26915	15	#0	64QAM	19.53	19.71
LTE Band26 (824-849)	3	27025	1	#0	64QAM	20.53	20.71
LTE Band26 (824-849)	3	27025	1	#Mid	64QAM	20.52	20.70
LTE Band26 (824-849)	3	27025	1	#Max	64QAM	20.57	20.75
LTE Band26 (824-849)	3	27025	8	#0	64QAM	19.48	19.66
LTE Band26 (824-849)	3	27025	8	#Mid	64QAM	19.48	19.66
LTE Band26 (824-849)	3	27025	8	#Max	64QAM	19.43	19.61
LTE Band26 (824-849)	3	27025	15	#0	64QAM	19.38	19.56
LTE Band26 (824-849)	5	26815	1	#0	64QAM	20.62	20.80
LTE Band26 (824-849)	5	26815	1	#Mid	64QAM	20.64	20.82
LTE Band26 (824-849)	5	26815	1	#Max	64QAM	20.64	20.82
LTE Band26 (824-849)	5	26815	12	#0	64QAM	19.52	19.70

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LTE Band26 (824-849)	5	26815	12	#Mid	64QAM	19.57	19.75
LTE Band26 (824-849)	5	26815	12	#Max	64QAM	19.55	19.73
LTE Band26 (824-849)	5	26815	25	#0	64QAM	19.51	19.69
LTE Band26 (824-849)	5	26915	1	#0	64QAM	20.63	20.81
LTE Band26 (824-849)	5	26915	1	#Mid	64QAM	20.65	20.83
LTE Band26 (824-849)	5	26915	1	#Max	64QAM	20.59	20.77
LTE Band26 (824-849)	5	26915	12	#0	64QAM	19.55	19.73
LTE Band26 (824-849)	5	26915	12	#Mid	64QAM	19.63	19.81
LTE Band26 (824-849)	5	26915	12	#Max	64QAM	19.55	19.73
LTE Band26 (824-849)	5	26915	25	#0	64QAM	19.55	19.73
LTE Band26 (824-849)	5	27015	1	#0	64QAM	20.51	20.69
LTE Band26 (824-849)	5	27015	1	#Mid	64QAM	20.51	20.69
LTE Band26 (824-849)	5	27015	1	#Max	64QAM	20.50	20.68
LTE Band26 (824-849)	5	27015	12	#0	64QAM	19.48	19.66
LTE Band26 (824-849)	5	27015	12	#Mid	64QAM	19.53	19.71
LTE Band26 (824-849)	5	27015	12	#Max	64QAM	19.39	19.57
LTE Band26 (824-849)	5	27015	25	#0	64QAM	19.43	19.61
LTE Band26 (824-849)	10	26840	1	#0	64QAM	20.70	20.88
LTE Band26 (824-849)	10	26840	1	#Mid	64QAM	20.85	21.03
LTE Band26 (824-849)	10	26840	1	#Max	64QAM	20.74	20.92
LTE Band26 (824-849)	10	26840	25	#0	64QAM	19.63	19.81
LTE Band26 (824-849)	10	26840	25	#Mid	64QAM	19.57	19.75
LTE Band26 (824-849)	10	26840	25	#Max	64QAM	19.54	19.72
LTE Band26 (824-849)	10	26840	50	#0	64QAM	19.57	19.75
LTE Band26 (824-849)	10	26915	1	#0	64QAM	20.71	20.89
LTE Band26 (824-849)	10	26915	1	#Mid	64QAM	20.79	20.97
LTE Band26 (824-849)	10	26915	1	#Max	64QAM	20.67	20.85
LTE Band26 (824-849)	10	26915	25	#0	64QAM	19.64	19.82
LTE Band26 (824-849)	10	26915	25	#Mid	64QAM	19.59	19.77
LTE Band26 (824-849)	10	26915	25	#Max	64QAM	19.57	19.75
LTE Band26 (824-849)	10	26915	50	#0	64QAM	19.62	19.80
LTE Band26 (824-849)	10	26990	1	#0	64QAM	20.67	20.85
LTE Band26 (824-849)	10	26990	1	#Mid	64QAM	20.65	20.83
LTE Band26 (824-849)	10	26990	1	#Max	64QAM	20.55	20.73
LTE Band26 (824-849)	10	26990	25	#0	64QAM	19.50	19.68
LTE Band26 (824-849)	10	26990	25	#Mid	64QAM	19.50	19.68
LTE Band26 (824-849)	10	26990	25	#Max	64QAM	19.42	19.60
LTE Band26 (824-849)	10	26990	50	#0	64QAM	19.46	19.64
LTE Band26 (824-849)	15	26865	1	#0	64QAM	20.61	20.79
LTE Band26 (824-849)	15	26865	1	#Mid	64QAM	20.76	20.94
LTE Band26 (824-849)	15	26865	1	#Max	64QAM	20.71	20.89
LTE Band26 (824-849)	15	26865	36	#0	64QAM	19.66	19.84
LTE Band26 (824-849)	15	26865	36	#Mid	64QAM	19.67	19.85

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LTE Band26 (824-849)	15	26865	36	#Max	64QAM	19.64	19.82
LTE Band26 (824-849)	15	26865	75	#0	64QAM	19.64	19.82
LTE Band26 (824-849)	15	26915	1	#0	64QAM	20.54	20.72
LTE Band26 (824-849)	15	26915	1	#Mid	64QAM	20.67	20.85
LTE Band26 (824-849)	15	26915	1	#Max	64QAM	20.49	20.67
LTE Band26 (824-849)	15	26915	36	#0	64QAM	19.64	19.82
LTE Band26 (824-849)	15	26915	36	#Mid	64QAM	19.59	19.77
LTE Band26 (824-849)	15	26915	36	#Max	64QAM	19.59	19.77
LTE Band26 (824-849)	15	26915	75	#0	64QAM	19.61	19.79
LTE Band26 (824-849)	15	26965	1	#0	64QAM	20.62	20.80
LTE Band26 (824-849)	15	26965	1	#Mid	64QAM	20.71	20.89
LTE Band26 (824-849)	15	26965	1	#Max	64QAM	20.49	20.67
LTE Band26 (824-849)	15	26965	36	#0	64QAM	19.60	19.78
LTE Band26 (824-849)	15	26965	36	#Mid	64QAM	19.55	19.73
LTE Band26 (824-849)	15	26965	36	#Max	64QAM	19.48	19.66
LTE Band26 (824-849)	15	26965	75	#0	64QAM	19.52	19.70

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band38	5	37775	1	#0	QPSK	23.36	25.28
LTE Band38	5	37775	1	#Mid	QPSK	23.55	25.47
LTE Band38	5	37775	1	#Max	QPSK	23.43	25.35
LTE Band38	5	37775	12	#0	QPSK	22.52	24.44
LTE Band38	5	37775	12	#Mid	QPSK	22.50	24.42
LTE Band38	5	37775	12	#Max	QPSK	22.55	24.47
LTE Band38	5	37775	25	#0	QPSK	22.55	24.47
LTE Band38	5	37775	1	#0	16QAM	22.75	24.67
LTE Band38	5	37775	1	#Mid	16QAM	22.91	24.83
LTE Band38	5	37775	1	#Max	16QAM	22.82	24.74
LTE Band38	5	37775	12	#0	16QAM	21.53	23.45
LTE Band38	5	37775	12	#Mid	16QAM	21.50	23.42
LTE Band38	5	37775	12	#Max	16QAM	21.53	23.45
LTE Band38	5	37775	25	#0	16QAM	21.60	23.52
LTE Band38	5	38000	1	#0	QPSK	23.57	25.49
LTE Band38	5	38000	1	#Mid	QPSK	23.69	25.61
LTE Band38	5	38000	1	#Max	QPSK	23.61	25.53
LTE Band38	5	38000	12	#0	QPSK	22.67	24.59
LTE Band38	5	38000	12	#Mid	QPSK	22.67	24.59
LTE Band38	5	38000	12	#Max	QPSK	22.72	24.64
LTE Band38	5	38000	25	#0	QPSK	22.73	24.65
LTE Band38	5	38000	1	#0	16QAM	22.78	24.70
LTE Band38	5	38000	1	#Mid	16QAM	22.93	24.85
LTE Band38	5	38000	1	#Max	16QAM	22.81	24.73

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LTE Band38	5	38000	12	#0	16QAM	21.65	23.57
LTE Band38	5	38000	12	#Mid	16QAM	21.65	23.57
LTE Band38	5	38000	12	#Max	16QAM	21.73	23.65
LTE Band38	5	38000	25	#0	16QAM	21.72	23.64
LTE Band38	5	38225	1	#0	QPSK	23.48	25.40
LTE Band38	5	38225	1	#Mid	QPSK	23.61	25.53
LTE Band38	5	38225	1	#Max	QPSK	23.44	25.36
LTE Band38	5	38225	12	#0	QPSK	22.66	24.58
LTE Band38	5	38225	12	#Mid	QPSK	22.65	24.57
LTE Band38	5	38225	12	#Max	QPSK	22.65	24.57
LTE Band38	5	38225	25	#0	QPSK	22.65	24.57
LTE Band38	5	38225	1	#0	16QAM	22.83	24.75
LTE Band38	5	38225	1	#Mid	16QAM	22.96	24.88
LTE Band38	5	38225	1	#Max	16QAM	22.83	24.75
LTE Band38	5	38225	12	#0	16QAM	21.64	23.56
LTE Band38	5	38225	12	#Mid	16QAM	21.65	23.57
LTE Band38	5	38225	12	#Max	16QAM	21.71	23.63
LTE Band38	5	38225	25	#0	16QAM	21.65	23.57
LTE Band38	10	37800	1	#0	QPSK	23.45	25.37
LTE Band38	10	37800	1	#Mid	QPSK	23.77	25.69
LTE Band38	10	37800	1	#Max	QPSK	23.54	25.46
LTE Band38	10	37800	25	#0	QPSK	22.58	24.50
LTE Band38	10	37800	25	#Mid	QPSK	22.58	24.50
LTE Band38	10	37800	25	#Max	QPSK	22.59	24.51
LTE Band38	10	37800	50	#0	QPSK	22.59	24.51
LTE Band38	10	37800	1	#0	16QAM	22.54	24.46
LTE Band38	10	37800	1	#Mid	16QAM	22.83	24.75
LTE Band38	10	37800	1	#Max	16QAM	22.61	24.53
LTE Band38	10	37800	25	#0	16QAM	21.65	23.57
LTE Band38	10	37800	25	#Mid	16QAM	21.63	23.55
LTE Band38	10	37800	25	#Max	16QAM	21.64	23.56
LTE Band38	10	37800	50	#0	16QAM	21.62	23.54
LTE Band38	10	38000	1	#0	QPSK	23.63	25.55
LTE Band38	10	38000	1	#Mid	QPSK	23.89	25.81
LTE Band38	10	38000	1	#Max	QPSK	23.70	25.62
LTE Band38	10	38000	25	#0	QPSK	22.68	24.60
LTE Band38	10	38000	25	#Mid	QPSK	22.68	24.60
LTE Band38	10	38000	25	#Max	QPSK	22.77	24.69
LTE Band38	10	38000	50	#0	QPSK	22.77	24.69
LTE Band38	10	38000	1	#0	16QAM	22.58	24.50
LTE Band38	10	38000	1	#Mid	16QAM	22.84	24.76
LTE Band38	10	38000	1	#Max	16QAM	22.67	24.59
LTE Band38	10	38000	25	#0	16QAM	21.73	23.65

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LTE Band38	10	38000	25	#Mid	16QAM	21.73	23.65
LTE Band38	10	38000	25	#Max	16QAM	21.81	23.73
LTE Band38	10	38000	50	#0	16QAM	21.79	23.71
LTE Band38	10	38200	1	#0	QPSK	23.57	25.49
LTE Band38	10	38200	1	#Mid	QPSK	23.79	25.71
LTE Band38	10	38200	1	#Max	QPSK	23.57	25.49
LTE Band38	10	38200	25	#0	QPSK	22.66	24.58
LTE Band38	10	38200	25	#Mid	QPSK	22.67	24.59
LTE Band38	10	38200	25	#Max	QPSK	22.77	24.69
LTE Band38	10	38200	50	#0	QPSK	22.70	24.62
LTE Band38	10	38200	1	#0	16QAM	22.99	24.91
LTE Band38	10	38200	1	#Mid	16QAM	23.16	25.08
LTE Band38	10	38200	1	#Max	16QAM	22.97	24.89
LTE Band38	10	38200	25	#0	16QAM	21.76	23.68
LTE Band38	10	38200	25	#Mid	16QAM	21.77	23.69
LTE Band38	10	38200	25	#Max	16QAM	21.81	23.73
LTE Band38	10	38200	50	#0	16QAM	21.74	23.66
LTE Band38	15	37825	1	#0	QPSK	23.33	25.25
LTE Band38	15	37825	1	#Mid	QPSK	23.49	25.41
LTE Band38	15	37825	1	#Max	QPSK	23.47	25.39
LTE Band38	15	37825	36	#0	QPSK	22.54	24.46
LTE Band38	15	37825	36	#Mid	QPSK	22.53	24.45
LTE Band38	15	37825	36	#Max	QPSK	22.61	24.53
LTE Band38	15	37825	75	#0	QPSK	22.56	24.48
LTE Band38	15	37825	1	#0	16QAM	22.71	24.63
LTE Band38	15	37825	1	#Mid	16QAM	22.87	24.79
LTE Band38	15	37825	1	#Max	16QAM	22.82	24.74
LTE Band38	15	37825	36	#0	16QAM	21.52	23.44
LTE Band38	15	37825	36	#Mid	16QAM	21.52	23.44
LTE Band38	15	37825	36	#Max	16QAM	21.61	23.53
LTE Band38	15	37825	75	#0	16QAM	21.61	23.53
LTE Band38	15	38000	1	#0	QPSK	23.52	25.44
LTE Band38	15	38000	1	#Mid	QPSK	23.69	25.61
LTE Band38	15	38000	1	#Max	QPSK	23.60	25.52
LTE Band38	15	38000	36	#0	QPSK	22.67	24.59
LTE Band38	15	38000	36	#Mid	QPSK	22.67	24.59
LTE Band38	15	38000	36	#Max	QPSK	22.78	24.70
LTE Band38	15	38000	75	#0	QPSK	22.73	24.65
LTE Band38	15	38000	1	#0	16QAM	22.59	24.51
LTE Band38	15	38000	1	#Mid	16QAM	22.78	24.70
LTE Band38	15	38000	1	#Max	16QAM	22.64	24.56
LTE Band38	15	38000	36	#0	16QAM	21.62	23.54
LTE Band38	15	38000	36	#Mid	16QAM	21.61	23.53

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LTE Band38	15	38000	36	#Max	16QAM	21.77	23.69
LTE Band38	15	38000	75	#0	16QAM	21.75	23.67
LTE Band38	15	38175	1	#0	QPSK	23.66	25.58
LTE Band38	15	38175	1	#Mid	QPSK	23.73	25.65
LTE Band38	15	38175	1	#Max	QPSK	23.58	25.50
LTE Band38	15	38175	36	#0	QPSK	22.67	24.59
LTE Band38	15	38175	36	#Mid	QPSK	22.67	24.59
LTE Band38	15	38175	36	#Max	QPSK	22.75	24.67
LTE Band38	15	38175	75	#0	QPSK	22.70	24.62
LTE Band38	15	38175	1	#0	16QAM	22.71	24.63
LTE Band38	15	38175	1	#Mid	16QAM	22.79	24.71
LTE Band38	15	38175	1	#Max	16QAM	22.62	24.54
LTE Band38	15	38175	36	#0	16QAM	21.66	23.58
LTE Band38	15	38175	36	#Mid	16QAM	21.66	23.58
LTE Band38	15	38175	36	#Max	16QAM	21.73	23.65
LTE Band38	15	38175	75	#0	16QAM	21.75	23.67
LTE Band38	20	37850	1	#0	QPSK	23.18	25.10
LTE Band38	20	37850	1	#Mid	QPSK	23.67	25.59
LTE Band38	20	37850	1	#Max	QPSK	23.38	25.30
LTE Band38	20	37850	50	#0	QPSK	22.50	24.42
LTE Band38	20	37850	50	#Mid	QPSK	22.50	24.42
LTE Band38	20	37850	50	#Max	QPSK	22.64	24.56
LTE Band38	20	37850	100	#0	QPSK	22.55	24.47
LTE Band38	20	37850	1	#0	16QAM	22.43	24.35
LTE Band38	20	37850	1	#Mid	16QAM	22.89	24.81
LTE Band38	20	37850	1	#Max	16QAM	22.62	24.54
LTE Band38	20	37850	50	#0	16QAM	21.54	23.46
LTE Band38	20	37850	50	#Mid	16QAM	21.55	23.47
LTE Band38	20	37850	50	#Max	16QAM	21.67	23.59
LTE Band38	20	37850	100	#0	16QAM	21.60	23.52
LTE Band38	20	38000	1	#0	QPSK	23.34	25.26
LTE Band38	20	38000	1	#Mid	QPSK	23.85	25.77
LTE Band38	20	38000	1	#Max	QPSK	23.48	25.40
LTE Band38	20	38000	50	#0	QPSK	22.60	24.52
LTE Band38	20	38000	50	#Mid	QPSK	22.61	24.53
LTE Band38	20	38000	50	#Max	QPSK	22.78	24.70
LTE Band38	20	38000	100	#0	QPSK	22.70	24.62
LTE Band38	20	38000	1	#0	16QAM	22.36	24.28
LTE Band38	20	38000	1	#Mid	16QAM	22.78	24.70
LTE Band38	20	38000	1	#Max	16QAM	22.47	24.39
LTE Band38	20	38000	50	#0	16QAM	21.63	23.55
LTE Band38	20	38000	50	#Mid	16QAM	21.62	23.54
LTE Band38	20	38000	50	#Max	16QAM	21.80	23.72

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LTE Band38	20	38000	100	#0	16QAM	21.72	23.64
LTE Band38	20	38150	1	#0	QPSK	23.44	25.36
LTE Band38	20	38150	1	#Mid	QPSK	23.81	25.73
LTE Band38	20	38150	1	#Max	QPSK	23.40	25.32
LTE Band38	20	38150	50	#0	QPSK	22.58	24.50
LTE Band38	20	38150	50	#Mid	QPSK	22.58	24.50
LTE Band38	20	38150	50	#Max	QPSK	22.81	24.73
LTE Band38	20	38150	100	#0	QPSK	22.70	24.62
LTE Band38	20	38150	1	#0	16QAM	22.12	24.04
LTE Band38	20	38150	1	#Mid	16QAM	22.53	24.45
LTE Band38	20	38150	1	#Max	16QAM	22.12	24.04
LTE Band38	20	38150	50	#0	16QAM	21.64	23.56
LTE Band38	20	38150	50	#Mid	16QAM	21.61	23.53
LTE Band38	20	38150	50	#Max	16QAM	21.85	23.77
LTE Band38	20	38150	100	#0	16QAM	21.70	23.62
LTE Band38	5	37775	1	#0	64QAM	20.70	22.62
LTE Band38	5	37775	1	#Mid	64QAM	20.82	22.74
LTE Band38	5	37775	1	#Max	64QAM	20.71	22.63
LTE Band38	5	37775	12	#0	64QAM	19.88	21.80
LTE Band38	5	37775	12	#Mid	64QAM	19.92	21.84
LTE Band38	5	37775	12	#Max	64QAM	19.89	21.81
LTE Band38	5	37775	25	#0	64QAM	19.91	21.83
LTE Band38	5	38000	1	#0	64QAM	20.55	22.47
LTE Band38	5	38000	1	#Mid	64QAM	20.63	22.55
LTE Band38	5	38000	1	#Max	64QAM	20.50	22.42
LTE Band38	5	38000	12	#0	64QAM	19.67	21.59
LTE Band38	5	38000	12	#Mid	64QAM	19.72	21.64
LTE Band38	5	38000	12	#Max	64QAM	19.69	21.61
LTE Band38	5	38000	25	#0	64QAM	19.70	21.62
LTE Band38	5	38225	1	#0	64QAM	20.74	22.66
LTE Band38	5	38225	1	#Mid	64QAM	20.83	22.75
LTE Band38	5	38225	1	#Max	64QAM	20.68	22.60
LTE Band38	5	38225	12	#0	64QAM	19.87	21.79
LTE Band38	5	38225	12	#Mid	64QAM	19.91	21.83
LTE Band38	5	38225	12	#Max	64QAM	19.87	21.79
LTE Band38	5	38225	25	#0	64QAM	19.89	21.81
LTE Band38	10	37800	1	#0	64QAM	20.81	22.73
LTE Band38	10	37800	1	#Mid	64QAM	20.94	22.86
LTE Band38	10	37800	1	#Max	64QAM	20.78	22.70
LTE Band38	10	37800	25	#0	64QAM	20.01	21.93
LTE Band38	10	37800	25	#Mid	64QAM	20.01	21.93
LTE Band38	10	37800	25	#Max	64QAM	19.95	21.87
LTE Band38	10	37800	50	#0	64QAM	19.92	21.84

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LTE Band38	10	38000	1	#0	64QAM	20.67	22.59
LTE Band38	10	38000	1	#Mid	64QAM	20.72	22.64
LTE Band38	10	38000	1	#Max	64QAM	20.58	22.50
LTE Band38	10	38000	25	#0	64QAM	19.76	21.68
LTE Band38	10	38000	25	#Mid	64QAM	19.77	21.69
LTE Band38	10	38000	25	#Max	64QAM	19.79	21.71
LTE Band38	10	38000	50	#0	64QAM	19.72	21.64
LTE Band38	10	38200	1	#0	64QAM	20.84	22.76
LTE Band38	10	38200	1	#Mid	64QAM	20.93	22.85
LTE Band38	10	38200	1	#Max	64QAM	20.76	22.68
LTE Band38	10	38200	25	#0	64QAM	19.96	21.88
LTE Band38	10	38200	25	#Mid	64QAM	19.98	21.90
LTE Band38	10	38200	25	#Max	64QAM	20.00	21.92
LTE Band38	10	38200	50	#0	64QAM	19.93	21.85
LTE Band38	15	37825	1	#0	64QAM	20.72	22.64
LTE Band38	15	37825	1	#Mid	64QAM	20.80	22.72
LTE Band38	15	37825	1	#Max	64QAM	20.58	22.50
LTE Band38	15	37825	36	#0	64QAM	19.88	21.80
LTE Band38	15	37825	36	#Mid	64QAM	19.82	21.74
LTE Band38	15	37825	36	#Max	64QAM	19.78	21.70
LTE Band38	15	37825	75	#0	64QAM	19.85	21.77
LTE Band38	15	38000	1	#0	64QAM	20.64	22.56
LTE Band38	15	38000	1	#Mid	64QAM	20.58	22.50
LTE Band38	15	38000	1	#Max	64QAM	20.50	22.42
LTE Band38	15	38000	36	#0	64QAM	19.64	21.56
LTE Band38	15	38000	36	#Mid	64QAM	19.64	21.56
LTE Band38	15	38000	36	#Max	64QAM	19.64	21.56
LTE Band38	15	38000	75	#0	64QAM	19.66	21.58
LTE Band38	15	38175	1	#0	64QAM	20.69	22.61
LTE Band38	15	38175	1	#Mid	64QAM	20.81	22.73
LTE Band38	15	38175	1	#Max	64QAM	20.64	22.56
LTE Band38	15	38175	36	#0	64QAM	19.80	21.72
LTE Band38	15	38175	36	#Mid	64QAM	19.82	21.74
LTE Band38	15	38175	36	#Max	64QAM	19.85	21.77
LTE Band38	15	38175	75	#0	64QAM	19.85	21.77
LTE Band38	20	37850	1	#0	64QAM	20.59	22.51
LTE Band38	20	37850	1	#Mid	64QAM	20.86	22.78
LTE Band38	20	37850	1	#Max	64QAM	20.32	22.24
LTE Band38	20	37850	50	#0	64QAM	19.93	21.85
LTE Band38	20	37850	50	#Mid	64QAM	19.88	21.80
LTE Band38	20	37850	50	#Max	64QAM	19.76	21.68
LTE Band38	20	37850	100	#0	64QAM	19.85	21.77
LTE Band38	20	38000	1	#0	64QAM	20.51	22.43

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LTE Band38	20	38000	1	#Mid	64QAM	20.68	22.60
LTE Band38	20	38000	1	#Max	64QAM	20.35	22.27
LTE Band38	20	38000	50	#0	64QAM	19.61	21.53
LTE Band38	20	38000	50	#Mid	64QAM	19.67	21.59
LTE Band38	20	38000	50	#Max	64QAM	19.67	21.59
LTE Band38	20	38000	100	#0	64QAM	19.66	21.58
LTE Band38	20	38150	1	#0	64QAM	20.45	22.37
LTE Band38	20	38150	1	#Mid	64QAM	20.87	22.79
LTE Band38	20	38150	1	#Max	64QAM	20.45	22.37
LTE Band38	20	38150	50	#0	64QAM	19.75	21.67
LTE Band38	20	38150	50	#Mid	64QAM	19.86	21.78
LTE Band38	20	38150	50	#Max	64QAM	19.89	21.81
LTE Band38	20	38150	100	#0	64QAM	19.82	21.74

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band41	5	40065	1	#0	QPSK	23.60	25.64
LTE Band41	5	40065	1	#Mid	QPSK	23.75	25.79
LTE Band41	5	40065	1	#Max	QPSK	23.63	25.67
LTE Band41	5	40065	12	#0	QPSK	22.70	24.74
LTE Band41	5	40065	12	#Mid	QPSK	22.72	24.76
LTE Band41	5	40065	12	#Max	QPSK	22.81	24.85
LTE Band41	5	40065	25	#0	QPSK	22.77	24.81
LTE Band41	5	40065	1	#0	16QAM	22.82	24.86
LTE Band41	5	40065	1	#Mid	16QAM	22.96	25.00
LTE Band41	5	40065	1	#Max	16QAM	22.82	24.86
LTE Band41	5	40065	12	#0	16QAM	21.66	23.70
LTE Band41	5	40065	12	#Mid	16QAM	21.63	23.67
LTE Band41	5	40065	12	#Max	16QAM	21.74	23.78
LTE Band41	5	40065	25	#0	16QAM	21.75	23.79
LTE Band41	5	40640	1	#0	QPSK	23.32	25.36
LTE Band41	5	40640	1	#Mid	QPSK	23.48	25.52
LTE Band41	5	40640	1	#Max	QPSK	23.35	25.39
LTE Band41	5	40640	12	#0	QPSK	22.51	24.55
LTE Band41	5	40640	12	#Mid	QPSK	22.49	24.53
LTE Band41	5	40640	12	#Max	QPSK	22.54	24.58
LTE Band41	5	40640	25	#0	QPSK	22.54	24.58
LTE Band41	5	40640	1	#0	16QAM	22.70	24.74
LTE Band41	5	40640	1	#Mid	16QAM	22.85	24.89
LTE Band41	5	40640	1	#Max	16QAM	22.69	24.73
LTE Band41	5	40640	12	#0	16QAM	21.53	23.57
LTE Band41	5	40640	12	#Mid	16QAM	21.54	23.58
LTE Band41	5	40640	12	#Max	16QAM	21.61	23.65

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LTE Band41	5	40640	25	#0	16QAM	21.57	23.61
LTE Band41	5	41215	1	#0	QPSK	23.17	25.21
LTE Band41	5	41215	1	#Mid	QPSK	23.34	25.38
LTE Band41	5	41215	1	#Max	QPSK	23.22	25.26
LTE Band41	5	41215	12	#0	QPSK	22.34	24.38
LTE Band41	5	41215	12	#Mid	QPSK	22.37	24.41
LTE Band41	5	41215	12	#Max	QPSK	22.35	24.39
LTE Band41	5	41215	25	#0	QPSK	22.34	24.38
LTE Band41	5	41215	1	#0	16QAM	22.56	24.60
LTE Band41	5	41215	1	#Mid	16QAM	22.74	24.78
LTE Band41	5	41215	1	#Max	16QAM	22.62	24.66
LTE Band41	5	41215	12	#0	16QAM	21.36	23.40
LTE Band41	5	41215	12	#Mid	16QAM	21.32	23.36
LTE Band41	5	41215	12	#Max	16QAM	21.35	23.39
LTE Band41	5	41215	25	#0	16QAM	21.42	23.46
LTE Band41	10	40090	1	#0	QPSK	23.67	25.71
LTE Band41	10	40090	1	#Mid	QPSK	23.85	25.89
LTE Band41	10	40090	1	#Max	QPSK	23.68	25.72
LTE Band41	10	40090	25	#0	QPSK	22.72	24.76
LTE Band41	10	40090	25	#Mid	QPSK	22.73	24.77
LTE Band41	10	40090	25	#Max	QPSK	22.82	24.86
LTE Band41	10	40090	50	#0	QPSK	22.78	24.82
LTE Band41	10	40090	1	#0	16QAM	23.04	25.08
LTE Band41	10	40090	1	#Mid	16QAM	23.22	25.26
LTE Band41	10	40090	1	#Max	16QAM	23.05	25.09
LTE Band41	10	40090	25	#0	16QAM	21.82	23.86
LTE Band41	10	40090	25	#Mid	16QAM	21.81	23.85
LTE Band41	10	40090	25	#Max	16QAM	21.88	23.92
LTE Band41	10	40090	50	#0	16QAM	21.80	23.84
LTE Band41	10	40640	1	#0	QPSK	23.49	25.53
LTE Band41	10	40640	1	#Mid	QPSK	23.72	25.76
LTE Band41	10	40640	1	#Max	QPSK	23.57	25.61
LTE Band41	10	40640	25	#0	QPSK	22.54	24.58
LTE Band41	10	40640	25	#Mid	QPSK	22.53	24.57
LTE Band41	10	40640	25	#Max	QPSK	22.64	24.68
LTE Band41	10	40640	50	#0	QPSK	22.59	24.63
LTE Band41	10	40640	1	#0	16QAM	22.57	24.61
LTE Band41	10	40640	1	#Mid	16QAM	22.81	24.85
LTE Band41	10	40640	1	#Max	16QAM	22.65	24.69
LTE Band41	10	40640	25	#0	16QAM	21.60	23.64
LTE Band41	10	40640	25	#Mid	16QAM	21.60	23.64
LTE Band41	10	40640	25	#Max	16QAM	21.71	23.75
LTE Band41	10	40640	50	#0	16QAM	21.61	23.65

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LTE Band41	10	41190	1	#0	QPSK	23.27	25.31
LTE Band41	10	41190	1	#Mid	QPSK	23.51	25.55
LTE Band41	10	41190	1	#Max	QPSK	23.36	25.40
LTE Band41	10	41190	25	#0	QPSK	22.43	24.47
LTE Band41	10	41190	25	#Mid	QPSK	22.43	24.47
LTE Band41	10	41190	25	#Max	QPSK	22.32	24.36
LTE Band41	10	41190	50	#0	QPSK	22.42	24.46
LTE Band41	10	41190	1	#0	16QAM	22.22	24.26
LTE Band41	10	41190	1	#Mid	16QAM	22.41	24.45
LTE Band41	10	41190	1	#Max	16QAM	22.34	24.38
LTE Band41	10	41190	25	#0	16QAM	21.45	23.49
LTE Band41	10	41190	25	#Mid	16QAM	21.47	23.51
LTE Band41	10	41190	25	#Max	16QAM	21.39	23.43
LTE Band41	10	41190	50	#0	16QAM	21.44	23.48
LTE Band41	15	40115	1	#0	QPSK	23.67	25.71
LTE Band41	15	40115	1	#Mid	QPSK	23.76	25.80
LTE Band41	15	40115	1	#Max	QPSK	23.57	25.61
LTE Band41	15	40115	36	#0	QPSK	22.70	24.74
LTE Band41	15	40115	36	#Mid	QPSK	22.69	24.73
LTE Band41	15	40115	36	#Max	QPSK	22.70	24.74
LTE Band41	15	40115	75	#0	QPSK	22.72	24.76
LTE Band41	15	40115	1	#0	16QAM	22.75	24.79
LTE Band41	15	40115	1	#Mid	16QAM	22.77	24.81
LTE Band41	15	40115	1	#Max	16QAM	22.60	24.64
LTE Band41	15	40115	36	#0	16QAM	21.62	23.66
LTE Band41	15	40115	36	#Mid	16QAM	21.63	23.67
LTE Band41	15	40115	36	#Max	16QAM	21.73	23.77
LTE Band41	15	40115	75	#0	16QAM	21.71	23.75
LTE Band41	15	40640	1	#0	QPSK	23.38	25.42
LTE Band41	15	40640	1	#Mid	QPSK	23.49	25.53
LTE Band41	15	40640	1	#Max	QPSK	23.42	25.46
LTE Band41	15	40640	36	#0	QPSK	22.53	24.57
LTE Band41	15	40640	36	#Mid	QPSK	22.53	24.57
LTE Band41	15	40640	36	#Max	QPSK	22.64	24.68
LTE Band41	15	40640	75	#0	QPSK	22.60	24.64
LTE Band41	15	40640	1	#0	16QAM	22.76	24.80
LTE Band41	15	40640	1	#Mid	16QAM	22.86	24.90
LTE Band41	15	40640	1	#Max	16QAM	22.80	24.84
LTE Band41	15	40640	36	#0	16QAM	21.52	23.56
LTE Band41	15	40640	36	#Mid	16QAM	21.52	23.56
LTE Band41	15	40640	36	#Max	16QAM	21.61	23.65
LTE Band41	15	40640	75	#0	16QAM	21.58	23.62
LTE Band41	15	41165	1	#0	QPSK	23.19	25.23

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LTE Band41	15	41165	1	#Mid	QPSK	23.28	25.32
LTE Band41	15	41165	1	#Max	QPSK	23.31	25.35
LTE Band41	15	41165	36	#0	QPSK	22.39	24.43
LTE Band41	15	41165	36	#Mid	QPSK	22.37	24.41
LTE Band41	15	41165	36	#Max	QPSK	22.37	24.41
LTE Band41	15	41165	75	#0	QPSK	22.38	24.42
LTE Band41	15	41165	1	#0	16QAM	22.27	24.31
LTE Band41	15	41165	1	#Mid	16QAM	22.39	24.43
LTE Band41	15	41165	1	#Max	16QAM	22.36	24.40
LTE Band41	15	41165	36	#0	16QAM	21.39	23.43
LTE Band41	15	41165	36	#Mid	16QAM	21.37	23.41
LTE Band41	15	41165	36	#Max	16QAM	21.36	23.40
LTE Band41	15	41165	75	#0	16QAM	21.40	23.44
LTE Band41	20	40140	1	#0	QPSK	23.45	25.49
LTE Band41	20	40140	1	#Mid	QPSK	23.78	25.82
LTE Band41	20	40140	1	#Max	QPSK	23.33	25.37
LTE Band41	20	40140	50	#0	QPSK	22.54	24.58
LTE Band41	20	40140	50	#Mid	QPSK	22.55	24.59
LTE Band41	20	40140	50	#Max	QPSK	22.62	24.66
LTE Band41	20	40140	100	#0	QPSK	22.56	24.60
LTE Band41	20	40140	1	#0	16QAM	22.39	24.43
LTE Band41	20	40140	1	#Mid	16QAM	22.76	24.80
LTE Band41	20	40140	1	#Max	16QAM	22.33	24.37
LTE Band41	20	40140	50	#0	16QAM	21.51	23.55
LTE Band41	20	40140	50	#Mid	16QAM	21.52	23.56
LTE Band41	20	40140	50	#Max	16QAM	21.63	23.67
LTE Band41	20	40140	100	#0	16QAM	21.58	23.62
LTE Band41	20	40640	1	#0	QPSK	23.19	25.23
LTE Band41	20	40640	1	#Mid	QPSK	23.68	25.72
LTE Band41	20	40640	1	#Max	QPSK	23.33	25.37
LTE Band41	20	40640	50	#0	QPSK	22.41	24.45
LTE Band41	20	40640	50	#Mid	QPSK	22.43	24.47
LTE Band41	20	40640	50	#Max	QPSK	22.65	24.69
LTE Band41	20	40640	100	#0	QPSK	22.57	24.61
LTE Band41	20	40640	1	#0	16QAM	21.90	23.94
LTE Band41	20	40640	1	#Mid	16QAM	22.38	24.42
LTE Band41	20	40640	1	#Max	16QAM	22.03	24.07
LTE Band41	20	40640	50	#0	16QAM	21.51	23.55
LTE Band41	20	40640	50	#Mid	16QAM	21.51	23.55
LTE Band41	20	40640	50	#Max	16QAM	21.72	23.76
LTE Band41	20	40640	100	#0	16QAM	21.59	23.63
LTE Band41	20	41140	1	#0	QPSK	22.97	25.01
LTE Band41	20	41140	1	#Mid	QPSK	23.42	25.46

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LTE Band41	20	41140	1	#Max	QPSK	23.13	25.17
LTE Band41	20	41140	50	#0	QPSK	22.43	24.47
LTE Band41	20	41140	50	#Mid	QPSK	22.44	24.48
LTE Band41	20	41140	50	#Max	QPSK	22.25	24.29
LTE Band41	20	41140	100	#0	QPSK	22.39	24.43
LTE Band41	20	41140	1	#0	16QAM	22.23	24.27
LTE Band41	20	41140	1	#Mid	16QAM	22.59	24.63
LTE Band41	20	41140	1	#Max	16QAM	22.35	24.39
LTE Band41	20	41140	50	#0	16QAM	21.45	23.49
LTE Band41	20	41140	50	#Mid	16QAM	21.49	23.53
LTE Band41	20	41140	50	#Max	16QAM	21.30	23.34
LTE Band41	20	41140	100	#0	16QAM	21.41	23.45
LTE Band41	5	40065	1	#0	64QAM	20.61	22.65
LTE Band41	5	40065	1	#Mid	64QAM	20.74	22.78
LTE Band41	5	40065	1	#Max	64QAM	20.64	22.68
LTE Band41	5	40065	12	#0	64QAM	19.79	21.83
LTE Band41	5	40065	12	#Mid	64QAM	19.89	21.93
LTE Band41	5	40065	12	#Max	64QAM	19.89	21.93
LTE Band41	5	40065	25	#0	64QAM	19.88	21.92
LTE Band41	5	40640	1	#0	64QAM	20.32	22.36
LTE Band41	5	40640	1	#Mid	64QAM	20.43	22.47
LTE Band41	5	40640	1	#Max	64QAM	20.27	22.31
LTE Band41	5	40640	12	#0	64QAM	19.44	21.48
LTE Band41	5	40640	12	#Mid	64QAM	19.51	21.55
LTE Band41	5	40640	12	#Max	64QAM	19.48	21.52
LTE Band41	5	40640	25	#0	64QAM	19.51	21.55
LTE Band41	5	41215	1	#0	64QAM	20.38	22.42
LTE Band41	5	41215	1	#Mid	64QAM	20.43	22.47
LTE Band41	5	41215	1	#Max	64QAM	20.28	22.32
LTE Band41	5	41215	12	#0	64QAM	19.59	21.63
LTE Band41	5	41215	12	#Mid	64QAM	19.59	21.63
LTE Band41	5	41215	12	#Max	64QAM	19.45	21.49
LTE Band41	5	41215	25	#0	64QAM	19.55	21.59
LTE Band41	10	40090	1	#0	64QAM	20.75	22.79
LTE Band41	10	40090	1	#Mid	64QAM	20.86	22.90
LTE Band41	10	40090	1	#Max	64QAM	20.82	22.86
LTE Band41	10	40090	25	#0	64QAM	19.88	21.92
LTE Band41	10	40090	25	#Mid	64QAM	19.98	22.02
LTE Band41	10	40090	25	#Max	64QAM	20.04	22.08
LTE Band41	10	40090	50	#0	64QAM	19.93	21.97
LTE Band41	10	40640	1	#0	64QAM	20.50	22.54
LTE Band41	10	40640	1	#Mid	64QAM	20.50	22.54
LTE Band41	10	40640	1	#Max	64QAM	20.39	22.43

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LTE Band41	10	40640	25	#0	64QAM	19.55	21.59
LTE Band41	10	40640	25	#Mid	64QAM	19.55	21.59
LTE Band41	10	40640	25	#Max	64QAM	19.61	21.65
LTE Band41	10	40640	50	#0	64QAM	19.52	21.56
LTE Band41	10	41190	1	#0	64QAM	20.57	22.61
LTE Band41	10	41190	1	#Mid	64QAM	20.57	22.61
LTE Band41	10	41190	1	#Max	64QAM	20.41	22.45
LTE Band41	10	41190	25	#0	64QAM	19.80	21.84
LTE Band41	10	41190	25	#Mid	64QAM	19.64	21.68
LTE Band41	10	41190	25	#Max	64QAM	19.55	21.59
LTE Band41	10	41190	50	#0	64QAM	19.63	21.67
LTE Band41	15	40115	1	#0	64QAM	20.69	22.73
LTE Band41	15	40115	1	#Mid	64QAM	20.80	22.84
LTE Band41	15	40115	1	#Max	64QAM	20.67	22.71
LTE Band41	15	40115	36	#0	64QAM	19.76	21.80
LTE Band41	15	40115	36	#Mid	64QAM	19.86	21.90
LTE Band41	15	40115	36	#Max	64QAM	19.87	21.91
LTE Band41	15	40115	75	#0	64QAM	19.87	21.91
LTE Band41	15	40640	1	#0	64QAM	20.47	22.51
LTE Band41	15	40640	1	#Mid	64QAM	20.38	22.42
LTE Band41	15	40640	1	#Max	64QAM	20.30	22.34
LTE Band41	15	40640	36	#0	64QAM	19.45	21.49
LTE Band41	15	40640	36	#Mid	64QAM	19.45	21.49
LTE Band41	15	40640	36	#Max	64QAM	19.45	21.49
LTE Band41	15	40640	75	#0	64QAM	19.47	21.51
LTE Band41	15	41165	1	#0	64QAM	20.48	22.52
LTE Band41	15	41165	1	#Mid	64QAM	20.47	22.51
LTE Band41	15	41165	1	#Max	64QAM	20.30	22.34
LTE Band41	15	41165	36	#0	64QAM	19.67	21.71
LTE Band41	15	41165	36	#Mid	64QAM	19.55	21.59
LTE Band41	15	41165	36	#Max	64QAM	19.41	21.45
LTE Band41	15	41165	75	#0	64QAM	19.61	21.65
LTE Band41	20	40140	1	#0	64QAM	20.52	22.56
LTE Band41	20	40140	1	#Mid	64QAM	20.87	22.91
LTE Band41	20	40140	1	#Max	64QAM	20.39	22.43
LTE Band41	20	40140	50	#0	64QAM	19.72	21.76
LTE Band41	20	40140	50	#Mid	64QAM	19.88	21.92
LTE Band41	20	40140	50	#Max	64QAM	19.85	21.89
LTE Band41	20	40140	100	#0	64QAM	19.80	21.84
LTE Band41	20	40640	1	#0	64QAM	20.34	22.38
LTE Band41	20	40640	1	#Mid	64QAM	20.47	22.51
LTE Band41	20	40640	1	#Max	64QAM	20.16	22.20
LTE Band41	20	40640	50	#0	64QAM	19.43	21.47

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LTE Band41	20	40640	50	#Mid	64QAM	19.48	21.52
LTE Band41	20	40640	50	#Max	64QAM	19.48	21.52
LTE Band41	20	40640	100	#0	64QAM	19.47	21.51
LTE Band41	20	41140	1	#0	64QAM	20.32	22.36
LTE Band41	20	41140	1	#Mid	64QAM	20.57	22.61
LTE Band41	20	41140	1	#Max	64QAM	20.12	22.16
LTE Band41	20	41140	50	#0	64QAM	19.79	21.83
LTE Band41	20	41140	50	#Mid	64QAM	19.62	21.66
LTE Band41	20	41140	50	#Max	64QAM	19.32	21.36
LTE Band41	20	41140	100	#0	64QAM	19.64	21.68

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6.2. Occupied Bandwidth

Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth (MHz)
GSM 850 (GSM)	128	824.2	0.25	0.31
	190	836.6	0.25	0.32
	251	848.8	0.24	0.31
GPRS 850 (GMSK)	128	824.2	0.24	0.31
	190	836.6	0.25	0.31
	251	848.8	0.24	0.32
EGPRS 850 (8-PSK)	128	824.2	0.24	0.32
	190	836.6	0.25	0.32
	251	848.8	0.25	0.32
Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth (MHz)
GSM 1900 (GSM)	512	1850.2	0.24	0.31
	661	1880	0.24	0.32
	810	1909.8	0.24	0.31
GPRS 1900 (GMSK)	512	1850.2	0.25	0.32
	661	1880	0.24	0.31
	810	1909.8	0.25	0.31
EGPRS 1900 (8-PSK)	512	1850.2	0.25	0.32
	661	1880	0.25	0.32
	810	1909.8	0.24	0.32

Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth (MHz)
WCDMA B2	9262	1852.4	4.17	4.67
	9400	1880	4.16	4.67
	9538	1907.6	4.16	4.68
Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth (MHz)
WCDMA B4	1312	1712.4	4.17	4.69
	1413	1732.6	4.17	4.68
	1513	1752.6	4.17	4.68
Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth (MHz)
WCDMA B5	4132	826.4	4.16	4.68
	4183	836.6	4.16	4.67
	4233	846.6	4.15	4.67

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Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band2	1.4	18607	6	#0	QPSK	1.093	1.282
LTE Band2	1.4	18607	6	#0	16QAM	1.092	1.269
LTE Band2	1.4	18900	6	#0	QPSK	1.098	1.286
LTE Band2	1.4	18900	6	#0	16QAM	1.101	1.289
LTE Band2	1.4	19193	6	#0	QPSK	1.090	1.271
LTE Band2	1.4	19193	6	#0	16QAM	1.096	1.284
LTE Band2	3	18615	15	#0	QPSK	2.696	2.893
LTE Band2	3	18615	15	#0	16QAM	2.696	2.896
LTE Band2	3	18900	15	#0	QPSK	2.681	2.901
LTE Band2	3	18900	15	#0	16QAM	2.691	2.922
LTE Band2	3	19185	15	#0	QPSK	2.693	2.896
LTE Band2	3	19185	15	#0	16QAM	2.688	2.894
LTE Band2	5	18625	25	#0	QPSK	4.488	4.923
LTE Band2	5	18625	25	#0	16QAM	4.502	4.918
LTE Band2	5	18900	25	#0	QPSK	4.513	4.904
LTE Band2	5	18900	25	#0	16QAM	4.500	4.932
LTE Band2	5	19175	25	#0	QPSK	4.497	4.868
LTE Band2	5	19175	25	#0	16QAM	4.503	4.912
LTE Band2	10	18650	50	#0	QPSK	9.010	9.826
LTE Band2	10	18650	50	#0	16QAM	8.991	9.733
LTE Band2	10	18900	50	#0	QPSK	8.995	9.694
LTE Band2	10	18900	50	#0	16QAM	8.998	9.676
LTE Band2	10	19150	50	#0	QPSK	8.967	9.593
LTE Band2	10	19150	50	#0	16QAM	8.961	9.674
LTE Band2	15	18675	75	#0	QPSK	13.443	14.481
LTE Band2	15	18675	75	#0	16QAM	13.471	14.533
LTE Band2	15	18900	75	#0	QPSK	13.484	14.439
LTE Band2	15	18900	75	#0	16QAM	13.449	14.345
LTE Band2	15	19125	75	#0	QPSK	13.496	14.518
LTE Band2	15	19125	75	#0	16QAM	13.467	14.696
LTE Band2	20	18700	100	#0	QPSK	17.979	19.189
LTE Band2	20	18700	100	#0	16QAM	17.974	19.247
LTE Band2	20	18900	100	#0	QPSK	17.952	19.281
LTE Band2	20	18900	100	#0	16QAM	17.864	19.057
LTE Band2	20	19100	100	#0	QPSK	17.907	19.112
LTE Band2	20	19100	100	#0	16QAM	17.913	19.276
LTE Band2	1.4	18607	6	#0	64QAM	1.092	1.292
LTE Band2	1.4	18900	6	#0	64QAM	1.096	1.258
LTE Band2	1.4	19193	6	#0	64QAM	1.098	1.310
LTE Band2	3	18615	15	#0	64QAM	2.682	2.909
LTE Band2	3	18900	15	#0	64QAM	2.702	2.898

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LTE Band2	3	19185	15	#0	64QAM	2.689	2.881
LTE Band2	5	18625	25	#0	64QAM	4.493	4.898
LTE Band2	5	18900	25	#0	64QAM	4.490	4.839
LTE Band2	5	19175	25	#0	64QAM	4.521	4.887
LTE Band2	10	18650	50	#0	64QAM	8.996	9.653
LTE Band2	10	18900	50	#0	64QAM	8.963	9.640
LTE Band2	10	19150	50	#0	64QAM	8.984	9.692
LTE Band2	15	18675	75	#0	64QAM	13.451	14.293
LTE Band2	15	18900	75	#0	64QAM	13.438	14.468
LTE Band2	15	19125	75	#0	64QAM	13.438	14.450
LTE Band2	20	18700	100	#0	64QAM	17.954	19.103
LTE Band2	20	18900	100	#0	64QAM	17.933	19.275
LTE Band2	20	19100	100	#0	64QAM	17.974	19.462

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band4	1.4	19957	6	#0	QPSK	1.101	1.279
LTE Band4	1.4	19957	6	#0	16QAM	1.097	1.291
LTE Band4	1.4	20175	6	#0	QPSK	1.089	1.276
LTE Band4	1.4	20175	6	#0	16QAM	1.094	1.304
LTE Band4	1.4	20393	6	#0	QPSK	1.094	1.287
LTE Band4	1.4	20393	6	#0	16QAM	1.094	1.264
LTE Band4	3	19965	15	#0	QPSK	2.701	2.901
LTE Band4	3	19965	15	#0	16QAM	2.688	2.903
LTE Band4	3	20175	15	#0	QPSK	2.694	2.904
LTE Band4	3	20175	15	#0	16QAM	2.691	2.918
LTE Band4	3	20385	15	#0	QPSK	2.694	2.910
LTE Band4	3	20385	15	#0	16QAM	2.687	2.900
LTE Band4	5	19975	25	#0	QPSK	4.497	4.915
LTE Band4	5	19975	25	#0	16QAM	4.501	4.849
LTE Band4	5	20175	25	#0	QPSK	4.505	4.910
LTE Band4	5	20175	25	#0	16QAM	4.523	4.899
LTE Band4	5	20375	25	#0	QPSK	4.498	4.895
LTE Band4	5	20375	25	#0	16QAM	4.505	4.947
LTE Band4	10	20000	50	#0	QPSK	8.978	9.782
LTE Band4	10	20000	50	#0	16QAM	8.975	9.667
LTE Band4	10	20175	50	#0	QPSK	8.985	9.635
LTE Band4	10	20175	50	#0	16QAM	8.989	9.687
LTE Band4	10	20350	50	#0	QPSK	8.993	9.689
LTE Band4	10	20350	50	#0	16QAM	8.989	9.643
LTE Band4	15	20025	75	#0	QPSK	13.490	14.504
LTE Band4	15	20025	75	#0	16QAM	13.468	14.398
LTE Band4	15	20175	75	#0	QPSK	13.502	14.554

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LTE Band4	15	20175	75	#0	16QAM	13.475	14.447
LTE Band4	15	20325	75	#0	QPSK	13.452	14.414
LTE Band4	15	20325	75	#0	16QAM	13.423	14.512
LTE Band4	20	20050	100	#0	QPSK	17.916	19.161
LTE Band4	20	20050	100	#0	16QAM	17.943	19.230
LTE Band4	20	20175	100	#0	QPSK	17.955	19.259
LTE Band4	20	20175	100	#0	16QAM	17.915	19.250
LTE Band4	20	20300	100	#0	QPSK	17.948	19.234
LTE Band4	20	20300	100	#0	16QAM	17.924	19.031
LTE Band4	1.4	19957	6	#0	64QAM	1.095	1.280
LTE Band4	1.4	20175	6	#0	64QAM	1.093	1.244
LTE Band4	1.4	20393	6	#0	64QAM	1.091	1.273
LTE Band4	3	19965	15	#0	64QAM	2.705	2.892
LTE Band4	3	20175	15	#0	64QAM	2.701	2.921
LTE Band4	3	20385	15	#0	64QAM	2.701	2.919
LTE Band4	5	19975	25	#0	64QAM	4.480	4.897
LTE Band4	5	20175	25	#0	64QAM	4.511	4.866
LTE Band4	5	20375	25	#0	64QAM	4.502	4.836
LTE Band4	10	20000	50	#0	64QAM	9.000	9.635
LTE Band4	10	20175	50	#0	64QAM	8.984	9.650
LTE Band4	10	20350	50	#0	64QAM	8.966	9.733
LTE Band4	15	20025	75	#0	64QAM	13.481	14.466
LTE Band4	15	20175	75	#0	64QAM	13.452	14.458
LTE Band4	15	20325	75	#0	64QAM	13.465	14.521
LTE Band4	20	20050	100	#0	64QAM	17.922	19.268
LTE Band4	20	20175	100	#0	64QAM	17.986	19.301
LTE Band4	20	20300	100	#0	64QAM	17.965	19.221

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band5	1.4	20407	6	#0	QPSK	1.101	1.276
LTE Band5	1.4	20407	6	#0	16QAM	1.091	1.293
LTE Band5	1.4	20525	6	#0	QPSK	1.086	1.273
LTE Band5	1.4	20525	6	#0	16QAM	1.098	1.299
LTE Band5	1.4	20643	6	#0	QPSK	1.094	1.284
LTE Band5	1.4	20643	6	#0	16QAM	1.087	1.279
LTE Band5	3	20415	15	#0	QPSK	2.701	2.919
LTE Band5	3	20415	15	#0	16QAM	2.691	2.926
LTE Band5	3	20525	15	#0	QPSK	2.685	2.938
LTE Band5	3	20525	15	#0	16QAM	2.692	2.916
LTE Band5	3	20635	15	#0	QPSK	2.680	2.889
LTE Band5	3	20635	15	#0	16QAM	2.688	2.913
LTE Band5	5	20425	25	#0	QPSK	4.500	4.902

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LTE Band5	5	20425	25	#0	16QAM	4.494	4.875
LTE Band5	5	20525	25	#0	QPSK	4.518	4.911
LTE Band5	5	20525	25	#0	16QAM	4.496	4.881
LTE Band5	5	20625	25	#0	QPSK	4.506	4.881
LTE Band5	5	20625	25	#0	16QAM	4.507	4.905
LTE Band5	10	20450	50	#0	QPSK	8.964	9.671
LTE Band5	10	20450	50	#0	16QAM	8.981	9.655
LTE Band5	10	20525	50	#0	QPSK	9.015	9.713
LTE Band5	10	20525	50	#0	16QAM	9.001	9.692
LTE Band5	10	20600	50	#0	QPSK	8.985	9.652
LTE Band5	10	20600	50	#0	16QAM	8.992	9.657
LTE Band5	1.4	20407	6	#0	64QAM	1.097	1.299
LTE Band5	1.4	20525	6	#0	64QAM	1.096	1.280
LTE Band5	1.4	20643	6	#0	64QAM	1.099	1.285
LTE Band5	3	20415	15	#0	64QAM	2.694	2.904
LTE Band5	3	20525	15	#0	64QAM	2.704	2.901
LTE Band5	3	20635	15	#0	64QAM	2.698	2.897
LTE Band5	5	20425	25	#0	64QAM	4.517	4.899
LTE Band5	5	20525	25	#0	64QAM	4.488	4.849
LTE Band5	5	20625	25	#0	64QAM	4.508	4.879
LTE Band5	10	20450	50	#0	64QAM	8.935	9.588
LTE Band5	10	20525	50	#0	64QAM	9.008	9.785
LTE Band5	10	20600	50	#0	64QAM	8.982	9.567

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band7	5	20775	25	#0	QPSK	4.505	4.892
LTE Band7	5	20775	25	#0	16QAM	4.496	4.931
LTE Band7	5	21100	25	#0	QPSK	4.504	4.933
LTE Band7	5	21100	25	#0	16QAM	4.498	4.923
LTE Band7	5	21425	25	#0	QPSK	4.510	4.938
LTE Band7	5	21425	25	#0	16QAM	4.510	4.901
LTE Band7	10	20800	50	#0	QPSK	8.973	9.683
LTE Band7	10	20800	50	#0	16QAM	8.990	9.683
LTE Band7	10	21100	50	#0	QPSK	8.985	9.878
LTE Band7	10	21100	50	#0	16QAM	8.997	9.734
LTE Band7	10	21400	50	#0	QPSK	8.956	9.658
LTE Band7	10	21400	50	#0	16QAM	8.990	9.551
LTE Band7	15	20825	75	#0	QPSK	13.451	14.526
LTE Band7	15	20825	75	#0	16QAM	13.451	14.400
LTE Band7	15	21100	75	#0	QPSK	13.465	14.480
LTE Band7	15	21100	75	#0	16QAM	13.465	14.506
LTE Band7	15	21375	75	#0	QPSK	13.431	14.501

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LTE Band7	15	21375	75	#0	16QAM	13.462	14.438
LTE Band7	20	20850	100	#0	QPSK	17.919	20.452
LTE Band7	20	20850	100	#0	16QAM	17.912	19.043
LTE Band7	20	21100	100	#0	QPSK	17.977	19.377
LTE Band7	20	21100	100	#0	16QAM	17.971	19.248
LTE Band7	20	21350	100	#0	QPSK	17.919	19.060
LTE Band7	20	21350	100	#0	16QAM	17.898	19.167
LTE Band7	5	20775	25	#0	64QAM	4.525	4.840
LTE Band7	5	21100	25	#0	64QAM	4.495	4.905
LTE Band7	5	21425	25	#0	64QAM	4.505	4.875
LTE Band7	10	20800	50	#0	64QAM	9.007	9.740
LTE Band7	10	21100	50	#0	64QAM	8.953	9.638
LTE Band7	10	21400	50	#0	64QAM	8.957	9.711
LTE Band7	15	20825	75	#0	64QAM	13.422	14.446
LTE Band7	15	21100	75	#0	64QAM	13.436	14.503
LTE Band7	15	21375	75	#0	64QAM	13.443	14.378
LTE Band7	20	20850	100	#0	64QAM	17.868	19.348
LTE Band7	20	21100	100	#0	64QAM	17.969	19.202
LTE Band7	20	21350	100	#0	64QAM	17.900	19.226

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band12	1.4	23017	6	#0	QPSK	1.096	1.278
LTE Band12	1.4	23017	6	#0	16QAM	1.099	1.291
LTE Band12	1.4	23095	6	#0	QPSK	1.090	1.287
LTE Band12	1.4	23095	6	#0	16QAM	1.096	1.302
LTE Band12	1.4	23173	6	#0	QPSK	1.089	1.286
LTE Band12	1.4	23173	6	#0	16QAM	1.090	1.264
LTE Band12	3	23025	15	#0	QPSK	2.692	2.935
LTE Band12	3	23025	15	#0	16QAM	2.699	2.897
LTE Band12	3	23095	15	#0	QPSK	2.692	2.882
LTE Band12	3	23095	15	#0	16QAM	2.680	2.895
LTE Band12	3	23165	15	#0	QPSK	2.701	2.911
LTE Band12	3	23165	15	#0	16QAM	2.694	2.897
LTE Band12	5	23035	25	#0	QPSK	4.524	5.124
LTE Band12	5	23035	25	#0	16QAM	4.522	5.098
LTE Band12	5	23095	25	#0	QPSK	4.533	5.097
LTE Band12	5	23095	25	#0	16QAM	4.537	5.131
LTE Band12	5	23155	25	#0	QPSK	4.520	5.137
LTE Band12	5	23155	25	#0	16QAM	4.538	5.205
LTE Band12	10	23060	50	#0	QPSK	9.015	9.954
LTE Band12	10	23060	50	#0	16QAM	8.988	9.850
LTE Band12	10	23095	50	#0	QPSK	8.984	9.943

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LTE Band12	10	23095	50	#0	16QAM	9.021	9.910
LTE Band12	10	23130	50	#0	QPSK	9.014	10.031
LTE Band12	10	23130	50	#0	16QAM	8.995	10.025
LTE Band12	1.4	23017	6	#0	64QAM	1.105	1.284
LTE Band12	1.4	23095	6	#0	64QAM	1.095	1.281
LTE Band12	1.4	23173	6	#0	64QAM	1.096	1.283
LTE Band12	3	23025	15	#0	64QAM	2.692	2.895
LTE Band12	3	23095	15	#0	64QAM	2.687	2.890
LTE Band12	3	23165	15	#0	64QAM	2.685	2.911
LTE Band12	5	23035	25	#0	64QAM	4.535	5.123
LTE Band12	5	23095	25	#0	64QAM	4.515	5.111
LTE Band12	5	23155	25	#0	64QAM	4.515	5.064
LTE Band12	10	23060	50	#0	64QAM	9.004	9.975
LTE Band12	10	23095	50	#0	64QAM	9.007	10.021
LTE Band12	10	23130	50	#0	64QAM	8.964	10.026

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band17	5	23755	25	#0	QPSK	4.528	5.121
LTE Band17	5	23755	25	#0	16QAM	4.533	5.220
LTE Band17	5	23790	25	#0	QPSK	4.530	5.099
LTE Band17	5	23790	25	#0	16QAM	4.516	5.027
LTE Band17	5	23825	25	#0	QPSK	4.526	5.072
LTE Band17	5	23825	25	#0	16QAM	4.522	5.166
LTE Band17	10	23780	50	#0	QPSK	9.013	9.989
LTE Band17	10	23780	50	#0	16QAM	9.004	10.037
LTE Band17	10	23790	50	#0	QPSK	8.984	9.851
LTE Band17	10	23790	50	#0	16QAM	9.012	10.000
LTE Band17	10	23800	50	#0	QPSK	9.011	9.930
LTE Band17	10	23800	50	#0	16QAM	8.988	10.056
LTE Band17	5	23755	25	#0	64QAM	4.518	5.120
LTE Band17	5	23790	25	#0	64QAM	4.520	5.068
LTE Band17	5	23825	25	#0	64QAM	4.505	5.158
LTE Band17	10	23780	50	#0	64QAM	8.988	10.115
LTE Band17	10	23790	50	#0	64QAM	8.995	9.924
LTE Band17	10	23800	50	#0	64QAM	8.968	9.936

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band25	1.4	26047	6	#0	QPSK	1.101	1.272
LTE Band25	1.4	26047	6	#0	16QAM	1.097	1.267
LTE Band25	1.4	26365	6	#0	QPSK	1.093	1.275
LTE Band25	1.4	26365	6	#0	16QAM	1.096	1.274
LTE Band25	1.4	26683	6	#0	QPSK	1.097	1.296

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LTE Band25	1.4	26683	6	#0	16QAM	1.092	1.266
LTE Band25	3	26055	15	#0	QPSK	2.699	2.918
LTE Band25	3	26055	15	#0	16QAM	2.691	2.898
LTE Band25	3	26365	15	#0	QPSK	2.685	2.919
LTE Band25	3	26365	15	#0	16QAM	2.686	2.897
LTE Band25	3	26675	15	#0	QPSK	2.683	2.885
LTE Band25	3	26675	15	#0	16QAM	2.694	2.921
LTE Band25	5	26065	25	#0	QPSK	4.513	5.141
LTE Band25	5	26065	25	#0	16QAM	4.545	5.242
LTE Band25	5	26365	25	#0	QPSK	4.521	5.062
LTE Band25	5	26365	25	#0	16QAM	4.527	5.213
LTE Band25	5	26665	25	#0	QPSK	4.522	5.106
LTE Band25	5	26665	25	#0	16QAM	4.520	5.041
LTE Band25	10	26090	50	#0	QPSK	9.010	10.215
LTE Band25	10	26090	50	#0	16QAM	9.017	10.042
LTE Band25	10	26365	50	#0	QPSK	8.994	9.897
LTE Band25	10	26365	50	#0	16QAM	8.980	9.879
LTE Band25	10	26640	50	#0	QPSK	8.983	9.887
LTE Band25	10	26640	50	#0	16QAM	8.968	10.001
LTE Band25	15	26115	75	#0	QPSK	13.457	14.895
LTE Band25	15	26115	75	#0	16QAM	13.511	15.055
LTE Band25	15	26365	75	#0	QPSK	13.482	14.854
LTE Band25	15	26365	75	#0	16QAM	13.493	14.841
LTE Band25	15	26615	75	#0	QPSK	13.428	14.769
LTE Band25	15	26615	75	#0	16QAM	13.459	14.888
LTE Band25	20	26140	100	#0	QPSK	17.937	19.546
LTE Band25	20	26140	100	#0	16QAM	18.006	19.195
LTE Band25	20	26365	100	#0	QPSK	17.976	19.667
LTE Band25	20	26365	100	#0	16QAM	17.967	19.571
LTE Band25	20	26590	100	#0	QPSK	17.911	19.298
LTE Band25	20	26590	100	#0	16QAM	17.953	19.379
LTE Band25	1.4	26047	6	#0	64QAM	1.095	1.260
LTE Band25	1.4	26365	6	#0	64QAM	1.099	1.285
LTE Band25	1.4	26683	6	#0	64QAM	1.096	1.284
LTE Band25	3	26055	15	#0	64QAM	2.696	2.899
LTE Band25	3	26365	15	#0	64QAM	2.704	2.908
LTE Band25	3	26675	15	#0	64QAM	2.687	2.916
LTE Band25	5	26065	25	#0	64QAM	4.514	5.121
LTE Band25	5	26365	25	#0	64QAM	4.522	5.012
LTE Band25	5	26665	25	#0	64QAM	4.539	4.986
LTE Band25	10	26090	50	#0	64QAM	9.001	10.037
LTE Band25	10	26365	50	#0	64QAM	8.979	9.844
LTE Band25	10	26640	50	#0	64QAM	8.988	9.885

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