

RF TEST REPORT

Applicant	MeiG Smart Technology Co., Ltd
FCC ID	2APJ4-SLM927D
Product	LTE Module
Brand	MEIGLink
Model	SLM927D
Report No.	R2411A1659-R1
Issue Date	January 2, 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 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.

Prepared by: Xu Ying

Approved by: Xu Kai

Eurofins TA Technology (Shanghai) Co., Ltd.

Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China

TEL: +86-021-50791141/2/3

FAX: +86-021-50791141/2/3-8000

TABLE OF CONTENT

1. Test Laboratory.....	4
1.1. Notes of the Test Report.....	4
1.2. Test facility.....	4
1.3. Testing Location	4
2. General Description of Equipment under Test	5
2.1. Applicant and Manufacturer Information	5
2.2. General Information	5
3. Applied Standards.....	7
4. Test Configuration.....	8
5. Test Case	12
5.1. RF Power Output and Effective Radiated Power	12
5.2. Occupied Bandwidth.....	14
5.3. Band Edge Compliance	16
5.4. Peak-to-Average Power Ratio (PAPR)	19
5.5. Frequency Stability	20
5.6. Spurious Emissions at Antenna Terminals	22
5.7. Radiated Spurious Emission.....	25
6. Test Result.....	29
6.1. RF Power Output and Effective Radiated Power	29
6.2. Occupied Bandwidth.....	87
6.3. Band Edge Compliance	156
6.4. Peak-to-Average Power Ratio (PAPR)	239
6.5. Frequency Stability	311
6.6. Spurious Emissions at Antenna Terminals	342
6.7. Radiated Spurious Emission.....	373
7. Main Test Instruments	392
ANNEX A: The EUT Appearance.....	393
ANNEX B: Test Setup Photos	394

Summary of Measurement Results

No.	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Radiated Power	2.1046 22.913(a)(5) 24.232(c) 27.50(d)(4)/ 27.50(b)(10) 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(f) /27.53(c)/ 27.53(m) 90.691	PASS
4	Peak-to-Average Power Ratio	22.913(d) 24.232 27.50(d)	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(f)/ 27.53(c)/ 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(f)/ 27.53(c) 27.53(m) 90.691	PASS

Date of Testing: November 15, 2024 ~ December 28, 2024

Date of Sample Received: November 15, 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.

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
City: Shanghai
Post code: 201201
Country: P. R. China
Contact: Xu Kai
Telephone: +86-021-50791141/2/3
Fax: +86-021-50791141/2/3-8000
Website: <https://www.eurofins.com/electrical-and-electronics>
E-mail: Kain.Xu@cpt.eurofinscn.com

2. General Description of Equipment Under Test

2.1. Applicant and Manufacturer Information

Applicant	MeiG Smart Technology Co., Ltd
Applicant address	2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, Shenzhen, China
Manufacturer	MeiG Smart Technology Co., Ltd
Manufacturer address	2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, Shenzhen, China

2.2. General Information

EUT Description				
Model	SLM927D			
Lab internal SN	R2411A1659/S01			
Hardware Version	SLM927D_MB_V1.01			
SW Version	V01_T04			
Power Supply	External power supply			
Antenna Type	External Antenna			
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)	Antenna Gain (dBi)
	WCDMA Band II	1850 ~ 1910	1930 ~ 1990	4.02
	WCDMA Band IV	1710 ~ 1755	2110 ~ 2155	4.00
	WCDMA Band V	824 ~ 849	869 ~ 894	3.52
	LTE Band 2	1850 ~ 1910	1930 ~ 1990	4.02
	LTE Band 4	1710 ~ 1755	2110 ~ 2155	4.00
	LTE Band 5	824 ~ 849	869 ~ 894	3.52
	LTE Band 7	2500 ~ 2570	2620 ~ 2690	5.19
	LTE Band 12	699 ~ 716	729 ~ 746	3.65
	LTE Band 13	777 ~ 787	746 ~ 756	3.15
	LTE Band 17	704 ~ 716	734 ~ 746	3.65
	LTE Band 25	1850 ~ 1915	1930 ~ 1995	4.02
	LTE Band 26	814 ~ 849	859 ~ 894	3.52
	LTE Band 41	2496 ~ 2690	2496 ~ 2690	5.77
	LTE Band 66	1710 ~ 1780	2110 ~ 2180	4.00
	LTE Band 71	663 ~ 698	617 ~ 652	3.19
Test Mode(s)	WCDMA Band II/IV/V; LTE Band 2/4/5/7/12/13/17/25/26/41/66/71;			
Test Modulation	(WCDMA) BPSK, QPSK; (LTE) QPSK, 16QAM			
HSDPA UE Category	24			

HSUPA UE Category	7			
Maximum E.I.R.P./ E.R.P.	WCDMA Band II	26.04 dBm	LTE Band 13	24.53 dBm
	WCDMA Band IV	27.22 dBm	LTE Band 17	25.16 dBm
	WCDMA Band V	24.44 dBm	LTE Band 25	27.54 dBm
	LTE Band 2	27.87 dBm	LTE Band 26 (Part 22)	25.16 dBm
	LTE Band 4	27.58 dBm	LTE Band 26 (Part 90)	24.90 dBm
	LTE Band 5	25.05 dBm	LTE Band 41	29.74 dBm
	LTE Band 7	28.87 dBm	LTE Band 66	28.18 dBm
	LTE Band 12	25.16 dBm	LTE Band 71	27.36 dBm
Rated Power Supply Voltage	3.8VDC			
Operating Voltage	Minimum: 3.5VDC Maximum: 4.0VDC			
Operating Temperature	Lowest: -25°C Highest: +75°C			
Testing Temperature	Lowest: -30°C Highest: +50°C			
Note: 1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.				

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

4. Test Configuration

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 (H axis, vertical polarization) 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 WCDMA/LTE is set based on the maximum RF Output Power.

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

Test items	Modes/Modulation		
	WCDMA Band II	WCDMA Band IV	WCDMA Band V
RF Power Output and Effective 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

Test modes are chosen 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	1	50%	100%	L	M	H
RF power output and Effective 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 13	-	-	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	O	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
	LTE 66	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 71	-	-	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 13	-	-	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	O	O	O	O	O	-	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 71	-	-	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 13	-	-	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	O	O	O	O	O	-	O	O	O	-	O	O	-	O
	LTE 41	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 66	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 71	-	-	O	O	O	O	O	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.														

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	1	50%	100%	L	M	H
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 13	-	-	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	O	O	O	O	O	-	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 71	-	-	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 13	-	-	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	O	O	O	O	O	-	O	O	-	-	O	-	O	-
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	-	O	-
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	-	O	-
	LTE 71	-	-	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 13	-	-	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	O	O	O	O	O	-	O	-	O	-	-	O	O	O
	LTE 41	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 66	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 71	-	-	O	O	O	O	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.														

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	1	50%	100%	L	M	H
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 13	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 25	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 26	O	-	O	O	O	-	O	-	O	-	-	-	O	-
	LTE 41	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 66	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 71	-	-	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.														

5. Test Case

5.1. RF Power Output and Effective Radiated Power

Ambient Condition

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

Methods of Measurement

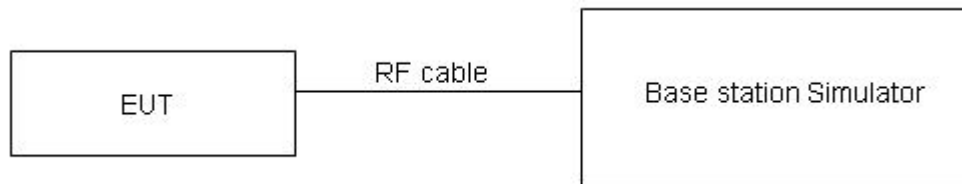
During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:

$\text{EIRP (dBm)} = \text{Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$\text{EIRP (dBm)} = \text{ERP (dBm)} + 2.15 \text{ (dB)}$.

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(b) (10) specifies that "Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP"

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(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(h) (2) specifies that "Mobile and other user stations. Mobile stations are limited to 2.0 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	$\leq 7 \text{ W (38.45 dBm)}$
Part 24.232(c) Limit	$\leq 2 \text{ W (33 dBm)}$
Part 27.50(b)(10) Limit	$\leq 3 \text{ W (34.77 dBm)}$
Part 27.50(c)(10) Limit	$\leq 3 \text{ W (34.77 dBm)}$
Part 27.50(d)(4) Limit	$\leq 1 \text{ W (30 dBm)}$
Part 27.50(h)(2) Limit	$\leq 2 \text{ W (33 dBm)}$
Part 90.635(b) Limit	$\leq 100 \text{ W (50 dBm)}$

Measurement Uncertainty

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

Test Results

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

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 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 LTE Band 7 set RBW $\geq$ 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.

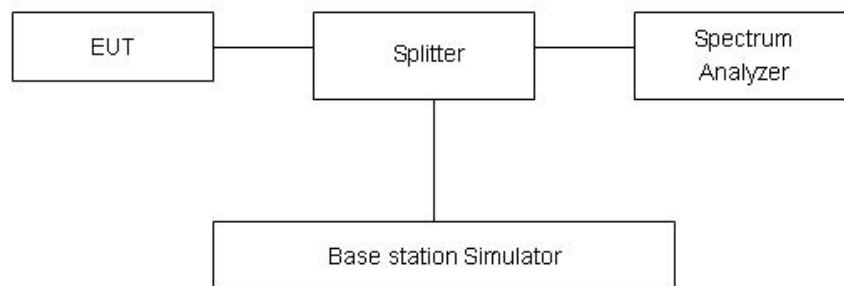
For LTE Band 41 the middle channel, high channel set RBW $\geq$ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used; Low channel set RBW $\geq$ 2% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used. For other bands, RBW is set to $\geq$ 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

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 $k = 2$, $U = 624\text{Hz}$.

Test Results

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

5.3. Band Edge Compliance

Ambient Condition

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

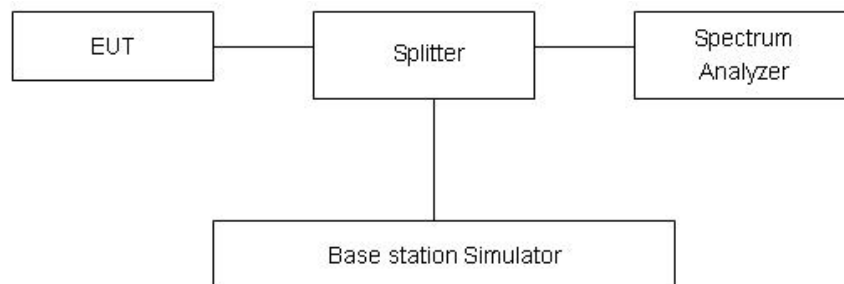
Method of Measurement

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 average detector is used.

RBW is set to $\geq 1\%EBW$, VBW is set to 3x RBW.

Spectrum analyzer plots are included on the following pages.

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 $43 + 10 \log_{10}(P)$ 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 $43 + 10 \log_{10}(P)$ 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 than $43 + 10 \log (P)$ 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 $43 + 10 \log (P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10 \log (P)] \text{ (dB)}$$

$$= [30 + 10 \log (P)] \text{ (dBm)} - [43 + 10 \log (P)] \text{ (dB)} = -13 \text{ dBm.}$$

Rule Part 27.53(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation. Rule 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;
- (6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

For Section 90.691(a) compliance testing, use RBW = 300 Hz for offsets less than 37.5 kHz from a channel edge; RBW = 100 kHz for offsets greater than 37.5 kHz is allowed.

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 $16 \log_{10}(f/6.1)$ 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 $k = 1.96$, $U=0.684\text{dB}$

Test Results

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

5.4. Peak-to-Average Power Ratio (PAPR)

Ambient Condition

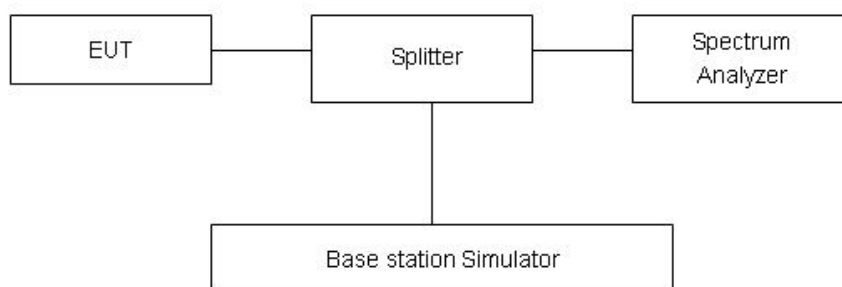
Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

Measure the total peak power and record as P_{Pk} . And measure the total average power and record as P_{Avg} . Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm). Determine the PAPR from:

$$PAPR (dB) = P_{Pk} (dBm) - P_{Avg} (dBm).$$

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 peak to-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.

Rule Part 90, 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 in 24.232(d).

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.

Test Results

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

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 0°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.

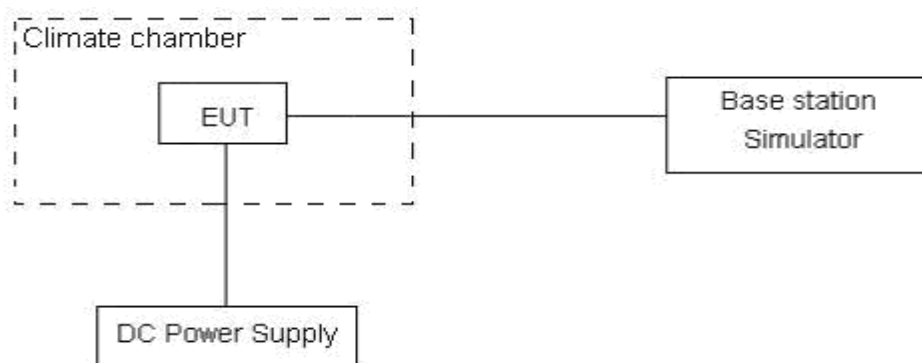
Frequency Stability (Voltage Variation)

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 3.5 V and 4.0 V, with a nominal voltage of 3.8V.

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 24.235, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

For Rule Part 27.54, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

According to the Sec. 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

[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 $k = 3$, $U = 0.01\text{ppm}$.

Test Results

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

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)

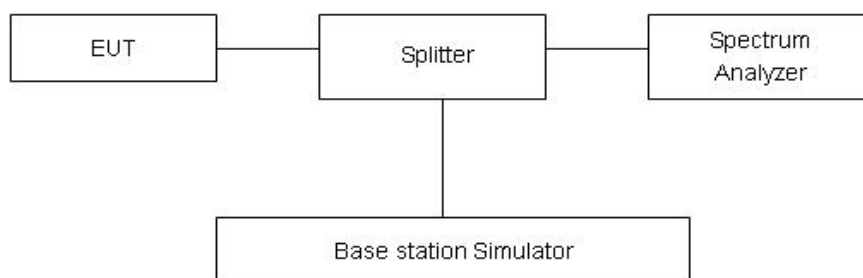
RBW is set to 100 kHz (30MHz~1000 MHz)

RBW is set to 1000 kHz (above 1000MHz)

Sweep is set to AUTO.

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 $43 + 10 \log_{10}(P)$ 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 $43 + 10 \log_{10}(P)$ 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(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

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;
- (6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

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(f) Limit	Limit out of the band 1559-1610 MHz	-13 dBm
	Limit in the band 1559-1610 MHz	-40 dBm
Part 27.53(m) Limit		-25 dBm
Part 27.53(c) Limit		-13 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-30GHz	1.407 dB

Test Results

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

5.7. Radiated Spurious Emission

Ambient Condition

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

Method of Measurement

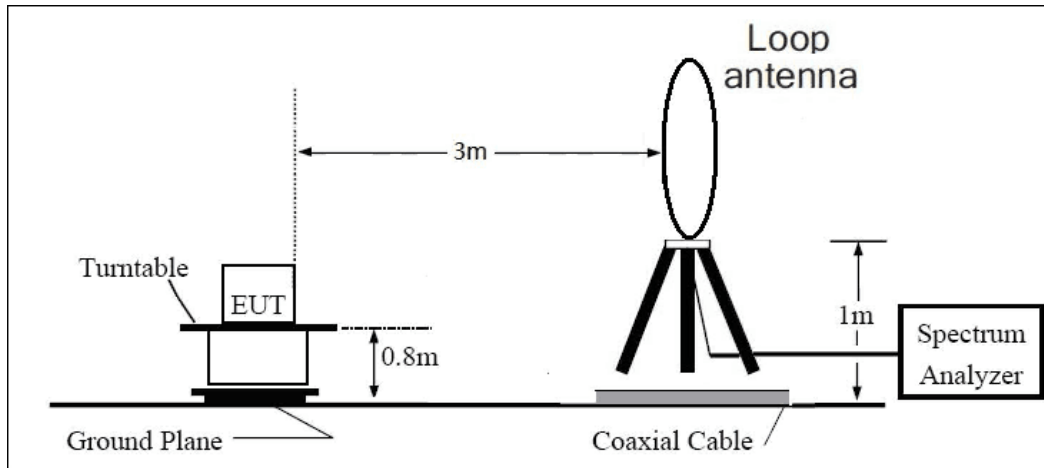
1. The testing follows FCC KDB 971168 v03r01 Section 5.8 and ANSI C63.26-2015.
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable 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, 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:
$$\text{Power (EIRP)} = \text{PMea} - \text{PAG} - \text{Pcl} + \text{Ga}$$

The measurement results are amend as described below:
$$\text{Power (EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$
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, $\text{ERP} = \text{EIRP} - 2.15\text{dB}$.

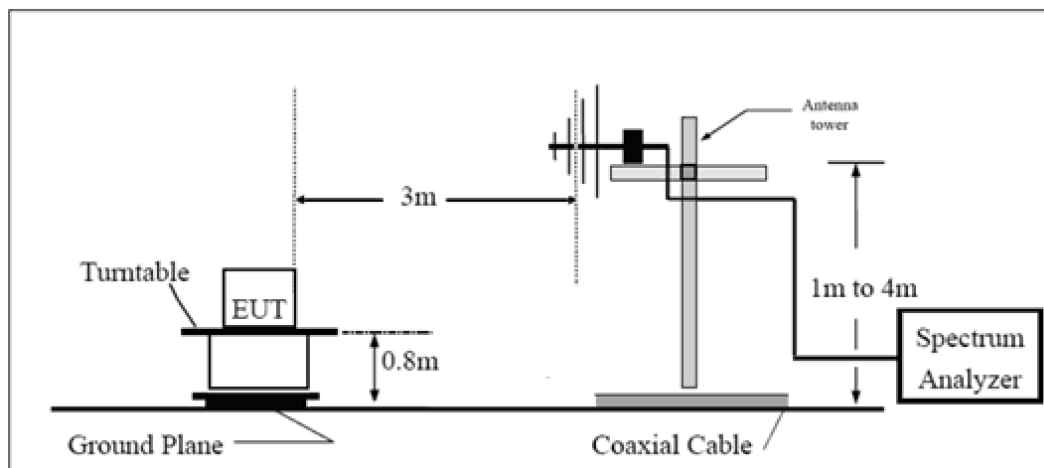
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test Setup

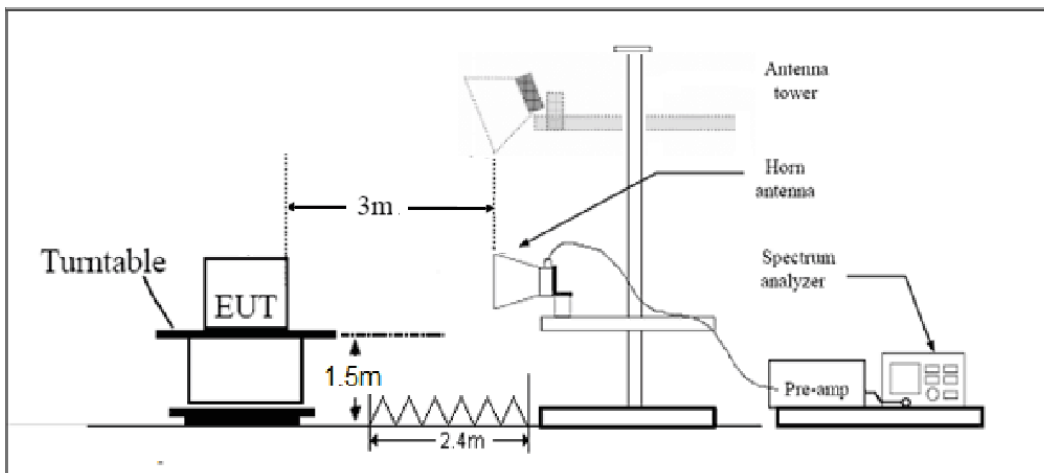
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

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 $43 + 10 \log_{10} (P)$ 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 $43 + 10 \log_{10} (P)$ 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) $55 + 10 \log (P)$ 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.

Rule Part 27.53(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

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;
- (6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

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(f) Limit	Limit out of the band 1559-1610 MHz	-13 dBm
	Limit in the band 1559-1610 MHz	-40 dBm
Part 27.53(m) Limit		-25 dBm
Part 27.53(c) Limit		13 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.

6. Test Result

6.1. RF Power Output and Effective Radiated Power

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	12.2k	21.93	22.00	22.02	25.95	26.02	26.04
HSDPA	Sub - Test 1	21.35	21.42	21.44	25.37	25.44	25.46
	Sub - Test 2	21.34	21.41	21.43	25.36	25.43	25.45
	Sub - Test 3	20.83	20.90	20.92	24.85	24.92	24.94
	Sub - Test 4	20.82	20.89	20.91	24.84	24.91	24.93
HSUPA	Sub - Test 1	20.31	20.38	20.40	24.33	24.40	24.42
	Sub - Test 2	18.30	18.37	18.39	22.32	22.39	22.41
	Sub - Test 3	19.28	19.36	19.38	23.30	23.38	23.40
	Sub - Test 4	18.27	18.35	18.37	22.29	22.37	22.39
	Sub - Test 5	21.76	21.84	21.86	25.78	25.86	25.88

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	12.2k	23.22	23.02	22.99	27.22	27.02	26.99
HSDPA	Sub - Test 1	22.64	22.44	22.41	26.64	26.44	26.41
	Sub - Test 2	22.63	22.43	22.40	26.63	26.43	26.40
	Sub - Test 3	22.12	21.92	21.89	26.12	25.92	25.89
	Sub - Test 4	22.11	21.91	21.88	26.11	25.91	25.88
HSUPA	Sub - Test 1	21.60	21.40	21.37	25.60	25.40	25.37
	Sub - Test 2	19.59	19.39	19.36	23.59	23.39	23.36
	Sub - Test 3	20.57	20.38	20.35	24.57	24.38	24.35
	Sub - Test 4	19.56	19.37	19.34	23.56	23.37	23.34
	Sub - Test 5	23.05	22.86	22.83	27.05	26.86	26.83

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	12.2k	23.07	22.89	23.05	24.44	24.26	24.42
HSDPA	Sub - Test 1	22.49	22.31	22.47	23.86	23.68	23.84
	Sub - Test 2	22.48	22.30	22.46	23.85	23.67	23.83
	Sub - Test 3	21.97	21.79	21.95	23.34	23.16	23.32
	Sub - Test 4	21.96	21.78	21.94	23.33	23.15	23.31
HSUPA	Sub - Test 1	21.45	21.27	21.43	22.82	22.64	22.80
	Sub - Test 2	19.44	19.26	19.42	20.81	20.63	20.79
	Sub - Test 3	20.42	20.25	20.41	21.79	21.62	21.78
	Sub - Test 4	19.41	19.24	19.40	20.78	20.61	20.77
	Sub - Test 5	22.90	22.73	22.89	24.27	24.10	24.26

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band2	1.4	18607	1	#0	QPSK	23.46	27.48
LTE Band2	1.4	18607	1	#Mid	QPSK	23.44	27.46
LTE Band2	1.4	18607	1	#Max	QPSK	23.44	27.46
LTE Band2	1.4	18607	3	#0	QPSK	23.42	27.44
LTE Band2	1.4	18607	3	#Mid	QPSK	23.42	27.44
LTE Band2	1.4	18607	3	#Max	QPSK	23.39	27.41
LTE Band2	1.4	18607	6	#0	QPSK	22.40	26.42
LTE Band2	1.4	18607	1	#0	QAM16	22.90	26.92
LTE Band2	1.4	18607	1	#Mid	QAM16	22.92	26.94
LTE Band2	1.4	18607	1	#Max	QAM16	22.60	26.62
LTE Band2	1.4	18607	3	#0	QAM16	22.50	26.52
LTE Band2	1.4	18607	3	#Mid	QAM16	22.50	26.52
LTE Band2	1.4	18607	3	#Max	QAM16	22.63	26.65
LTE Band2	1.4	18607	6	#0	QAM16	21.39	25.41
LTE Band2	1.4	18900	1	#0	QPSK	23.19	27.21
LTE Band2	1.4	18900	1	#Mid	QPSK	23.25	27.27
LTE Band2	1.4	18900	1	#Max	QPSK	23.07	27.09
LTE Band2	1.4	18900	3	#0	QPSK	23.02	27.04
LTE Band2	1.4	18900	3	#Mid	QPSK	23.07	27.09
LTE Band2	1.4	18900	3	#Max	QPSK	23.18	27.20
LTE Band2	1.4	18900	6	#0	QPSK	22.26	26.28
LTE Band2	1.4	18900	1	#0	QAM16	22.37	26.39
LTE Band2	1.4	18900	1	#Mid	QAM16	22.62	26.64
LTE Band2	1.4	18900	1	#Max	QAM16	22.40	26.42
LTE Band2	1.4	18900	3	#0	QAM16	22.15	26.17
LTE Band2	1.4	18900	3	#Mid	QAM16	22.15	26.17
LTE Band2	1.4	18900	3	#Max	QAM16	22.20	26.22
LTE Band2	1.4	18900	6	#0	QAM16	21.06	25.08
LTE Band2	1.4	19193	1	#0	QPSK	23.29	27.31
LTE Band2	1.4	19193	1	#Mid	QPSK	23.38	27.40
LTE Band2	1.4	19193	1	#Max	QPSK	23.31	27.33
LTE Band2	1.4	19193	3	#0	QPSK	23.33	27.35
LTE Band2	1.4	19193	3	#Mid	QPSK	23.54	27.56
LTE Band2	1.4	19193	3	#Max	QPSK	23.70	27.72
LTE Band2	1.4	19193	6	#0	QPSK	22.46	26.48
LTE Band2	1.4	19193	1	#0	QAM16	22.09	26.11
LTE Band2	1.4	19193	1	#Mid	QAM16	22.31	26.33
LTE Band2	1.4	19193	1	#Max	QAM16	22.16	26.18
LTE Band2	1.4	19193	3	#0	QAM16	22.31	26.33
LTE Band2	1.4	19193	3	#Mid	QAM16	22.34	26.36

LTE Band2	1.4	19193	3	#Max	QAM16	22.39	26.41
LTE Band2	1.4	19193	6	#0	QAM16	21.49	25.51
LTE Band2	3	18615	1	#0	QPSK	23.38	27.40
LTE Band2	3	18615	1	#Mid	QPSK	23.26	27.28
LTE Band2	3	18615	1	#Max	QPSK	23.22	27.24
LTE Band2	3	18615	8	#0	QPSK	22.48	26.50
LTE Band2	3	18615	8	#Mid	QPSK	22.48	26.50
LTE Band2	3	18615	8	#Max	QPSK	22.57	26.59
LTE Band2	3	18615	15	#0	QPSK	22.49	26.51
LTE Band2	3	18615	1	#0	QAM16	22.66	26.68
LTE Band2	3	18615	1	#Mid	QAM16	22.40	26.42
LTE Band2	3	18615	1	#Max	QAM16	22.42	26.44
LTE Band2	3	18615	8	#0	QAM16	21.55	25.57
LTE Band2	3	18615	8	#Mid	QAM16	21.55	25.57
LTE Band2	3	18615	8	#Max	QAM16	21.72	25.74
LTE Band2	3	18615	15	#0	QAM16	21.43	25.45
LTE Band2	3	18900	1	#0	QPSK	23.19	27.21
LTE Band2	3	18900	1	#Mid	QPSK	23.18	27.20
LTE Band2	3	18900	1	#Max	QPSK	23.06	27.08
LTE Band2	3	18900	8	#0	QPSK	22.20	26.22
LTE Band2	3	18900	8	#Mid	QPSK	22.21	26.23
LTE Band2	3	18900	8	#Max	QPSK	22.20	26.22
LTE Band2	3	18900	15	#0	QPSK	22.14	26.16
LTE Band2	3	18900	1	#0	QAM16	22.59	26.61
LTE Band2	3	18900	1	#Mid	QAM16	22.58	26.60
LTE Band2	3	18900	1	#Max	QAM16	22.63	26.65
LTE Band2	3	18900	8	#0	QAM16	21.43	25.45
LTE Band2	3	18900	8	#Mid	QAM16	21.45	25.47
LTE Band2	3	18900	8	#Max	QAM16	21.45	25.47
LTE Band2	3	18900	15	#0	QAM16	21.53	25.55
LTE Band2	3	19185	1	#0	QPSK	23.41	27.43
LTE Band2	3	19185	1	#Mid	QPSK	23.85	27.87
LTE Band2	3	19185	1	#Max	QPSK	23.84	27.86
LTE Band2	3	19185	8	#0	QPSK	22.47	26.49
LTE Band2	3	19185	8	#Mid	QPSK	22.47	26.49
LTE Band2	3	19185	8	#Max	QPSK	22.42	26.44
LTE Band2	3	19185	15	#0	QPSK	22.38	26.40
LTE Band2	3	19185	1	#0	QAM16	22.15	26.17
LTE Band2	3	19185	1	#Mid	QAM16	22.45	26.47
LTE Band2	3	19185	1	#Max	QAM16	22.07	26.09
LTE Band2	3	19185	8	#0	QAM16	21.29	25.31
LTE Band2	3	19185	8	#Mid	QAM16	21.20	25.22
LTE Band2	3	19185	8	#Max	QAM16	21.20	25.22

LTE Band2	3	19185	15	#0	QAM16	21.39	25.41
LTE Band2	5	18625	1	#0	QPSK	23.19	27.21
LTE Band2	5	18625	1	#Mid	QPSK	23.22	27.24
LTE Band2	5	18625	1	#Max	QPSK	23.19	27.21
LTE Band2	5	18625	12	#0	QPSK	22.49	26.51
LTE Band2	5	18625	12	#Mid	QPSK	22.49	26.51
LTE Band2	5	18625	12	#Max	QPSK	22.51	26.53
LTE Band2	5	18625	25	#0	QPSK	22.52	26.54
LTE Band2	5	18625	1	#0	QAM16	22.49	26.51
LTE Band2	5	18625	1	#Mid	QAM16	22.19	26.21
LTE Band2	5	18625	1	#Max	QAM16	21.90	25.92
LTE Band2	5	18625	12	#0	QAM16	21.44	25.46
LTE Band2	5	18625	12	#Mid	QAM16	21.44	25.46
LTE Band2	5	18625	12	#Max	QAM16	21.34	25.36
LTE Band2	5	18625	25	#0	QAM16	21.47	25.49
LTE Band2	5	18900	1	#0	QPSK	22.73	26.75
LTE Band2	5	18900	1	#Mid	QPSK	23.01	27.03
LTE Band2	5	18900	1	#Max	QPSK	22.73	26.75
LTE Band2	5	18900	12	#0	QPSK	22.15	26.17
LTE Band2	5	18900	12	#Mid	QPSK	22.16	26.18
LTE Band2	5	18900	12	#Max	QPSK	22.31	26.33
LTE Band2	5	18900	25	#0	QPSK	22.21	26.23
LTE Band2	5	18900	1	#0	QAM16	22.32	26.34
LTE Band2	5	18900	1	#Mid	QAM16	22.80	26.82
LTE Band2	5	18900	1	#Max	QAM16	22.44	26.46
LTE Band2	5	18900	12	#0	QAM16	21.16	25.18
LTE Band2	5	18900	12	#Mid	QAM16	21.08	25.10
LTE Band2	5	18900	12	#Max	QAM16	21.14	25.16
LTE Band2	5	18900	25	#0	QAM16	21.29	25.31
LTE Band2	5	19175	1	#0	QPSK	22.95	26.97
LTE Band2	5	19175	1	#Mid	QPSK	23.39	27.41
LTE Band2	5	19175	1	#Max	QPSK	23.34	27.36
LTE Band2	5	19175	12	#0	QPSK	22.31	26.33
LTE Band2	5	19175	12	#Mid	QPSK	22.27	26.29
LTE Band2	5	19175	12	#Max	QPSK	22.39	26.41
LTE Band2	5	19175	25	#0	QPSK	22.40	26.42
LTE Band2	5	19175	1	#0	QAM16	22.11	26.13
LTE Band2	5	19175	1	#Mid	QAM16	22.42	26.44
LTE Band2	5	19175	1	#Max	QAM16	22.34	26.36
LTE Band2	5	19175	12	#0	QAM16	21.31	25.33
LTE Band2	5	19175	12	#Mid	QAM16	21.26	25.28
LTE Band2	5	19175	12	#Max	QAM16	21.54	25.56
LTE Band2	5	19175	25	#0	QAM16	21.44	25.46

LTE Band2	10	18650	1	#0	QPSK	23.35	27.37
LTE Band2	10	18650	1	#Mid	QPSK	23.52	27.54
LTE Band2	10	18650	1	#Max	QPSK	23.23	27.25
LTE Band2	10	18650	25	#0	QPSK	22.47	26.49
LTE Band2	10	18650	25	#Mid	QPSK	22.54	26.56
LTE Band2	10	18650	25	#Max	QPSK	22.43	26.45
LTE Band2	10	18650	50	#0	QPSK	22.52	26.54
LTE Band2	10	18650	1	#0	QAM16	22.60	26.62
LTE Band2	10	18650	1	#Mid	QAM16	22.67	26.69
LTE Band2	10	18650	1	#Max	QAM16	22.25	26.27
LTE Band2	10	18650	25	#0	QAM16	21.56	25.58
LTE Band2	10	18650	25	#Mid	QAM16	21.56	25.58
LTE Band2	10	18650	25	#Max	QAM16	21.61	25.63
LTE Band2	10	18650	50	#0	16QAM	21.49	25.51
LTE Band2	10	18900	1	#0	QPSK	23.21	27.23
LTE Band2	10	18900	1	#Mid	QPSK	23.17	27.19
LTE Band2	10	18900	1	#Max	QPSK	23.17	27.19
LTE Band2	10	18900	25	#0	QPSK	22.27	26.29
LTE Band2	10	18900	25	#Mid	QPSK	22.20	26.22
LTE Band2	10	18900	25	#Max	QPSK	22.35	26.37
LTE Band2	10	18900	50	#0	QPSK	22.19	26.21
LTE Band2	10	18900	1	#0	16QAM	22.65	26.67
LTE Band2	10	18900	1	#Mid	16QAM	23.51	27.53
LTE Band2	10	18900	1	#Max	16QAM	23.47	27.49
LTE Band2	10	18900	25	#0	16QAM	21.15	25.17
LTE Band2	10	18900	25	#Mid	16QAM	21.24	25.26
LTE Band2	10	18900	25	#Max	16QAM	21.53	25.55
LTE Band2	10	18900	50	#0	16QAM	21.13	25.15
LTE Band2	10	19150	1	#0	QPSK	23.26	27.28
LTE Band2	10	19150	1	#Mid	QPSK	23.63	27.65
LTE Band2	10	19150	1	#Max	QPSK	23.42	27.44
LTE Band2	10	19150	25	#0	QPSK	22.22	26.24
LTE Band2	10	19150	25	#Mid	QPSK	22.26	26.28
LTE Band2	10	19150	25	#Max	QPSK	22.40	26.42
LTE Band2	10	19150	50	#0	QPSK	22.29	26.31
LTE Band2	10	19150	1	#0	16QAM	22.11	26.13
LTE Band2	10	19150	1	#Mid	16QAM	22.25	26.27
LTE Band2	10	19150	1	#Max	16QAM	22.12	26.14
LTE Band2	10	19150	25	#0	16QAM	21.30	25.32
LTE Band2	10	19150	25	#Mid	16QAM	21.34	25.36
LTE Band2	10	19150	25	#Max	16QAM	21.41	25.43
LTE Band2	10	19150	50	#0	16QAM	21.25	25.27
LTE Band2	15	18675	1	#0	QPSK	23.34	27.36

LTE Band2	15	18675	1	#Mid	QPSK	23.38	27.40
LTE Band2	15	18675	1	#Max	QPSK	23.04	27.06
LTE Band2	15	18675	36	#0	QPSK	22.46	26.48
LTE Band2	15	18675	36	#Mid	QPSK	22.45	26.47
LTE Band2	15	18675	36	#Max	QPSK	22.40	26.42
LTE Band2	15	18675	75	#0	QPSK	22.38	26.40
LTE Band2	15	18675	1	#0	16QAM	22.59	26.61
LTE Band2	15	18675	1	#Mid	16QAM	22.70	26.72
LTE Band2	15	18675	1	#Max	16QAM	22.21	26.23
LTE Band2	15	18675	36	#0	16QAM	21.41	25.43
LTE Band2	15	18675	36	#Mid	16QAM	21.40	25.42
LTE Band2	15	18675	36	#Max	16QAM	21.37	25.39
LTE Band2	15	18675	75	#0	16QAM	21.34	25.36
LTE Band2	15	18900	1	#0	QPSK	22.94	26.96
LTE Band2	15	18900	1	#Mid	QPSK	23.17	27.19
LTE Band2	15	18900	1	#Max	QPSK	23.13	27.15
LTE Band2	15	18900	36	#0	QPSK	22.28	26.30
LTE Band2	15	18900	36	#Mid	QPSK	22.21	26.23
LTE Band2	15	18900	36	#Max	QPSK	22.16	26.18
LTE Band2	15	18900	75	#0	QPSK	22.21	26.23
LTE Band2	15	18900	1	#0	16QAM	22.98	27.00
LTE Band2	15	18900	1	#Mid	16QAM	23.27	27.29
LTE Band2	15	18900	1	#Max	16QAM	23.24	27.26
LTE Band2	15	18900	36	#0	16QAM	21.05	25.07
LTE Band2	15	18900	36	#Mid	16QAM	21.08	25.10
LTE Band2	15	18900	36	#Max	16QAM	21.41	25.43
LTE Band2	15	18900	75	#0	16QAM	21.08	25.10
LTE Band2	15	19125	1	#0	QPSK	23.43	27.45
LTE Band2	15	19125	1	#Mid	QPSK	23.10	27.12
LTE Band2	15	19125	1	#Max	QPSK	23.35	27.37
LTE Band2	15	19125	36	#0	QPSK	22.33	26.35
LTE Band2	15	19125	36	#Mid	QPSK	22.35	26.37
LTE Band2	15	19125	36	#Max	QPSK	22.29	26.31
LTE Band2	15	19125	75	#0	QPSK	22.40	26.42
LTE Band2	15	19125	1	#0	16QAM	22.16	26.18
LTE Band2	15	19125	1	#Mid	16QAM	21.86	25.88
LTE Band2	15	19125	1	#Max	16QAM	21.73	25.75
LTE Band2	15	19125	36	#0	16QAM	21.31	25.33
LTE Band2	15	19125	36	#Mid	16QAM	21.35	25.37
LTE Band2	15	19125	36	#Max	16QAM	21.27	25.29
LTE Band2	15	19125	75	#0	16QAM	21.48	25.50
LTE Band2	20	18700	1	#0	QPSK	23.11	27.13
LTE Band2	20	18700	1	#Mid	QPSK	23.33	27.35

LTE Band2	20	18700	1	#Max	QPSK	22.89	26.91
LTE Band2	20	18700	50	#0	QPSK	22.46	26.48
LTE Band2	20	18700	50	#Mid	QPSK	22.39	26.41
LTE Band2	20	18700	50	#Max	QPSK	22.40	26.42
LTE Band2	20	18700	100	#0	QPSK	22.44	26.46
LTE Band2	20	18700	1	#0	16QAM	22.55	26.57
LTE Band2	20	18700	1	#Mid	16QAM	23.19	27.21
LTE Band2	20	18700	1	#Max	16QAM	21.79	25.81
LTE Band2	20	18700	50	#0	16QAM	21.65	25.67
LTE Band2	20	18700	50	#Mid	16QAM	21.64	25.66
LTE Band2	20	18700	50	#Max	16QAM	21.54	25.56
LTE Band2	20	18700	100	#0	16QAM	21.49	25.51
LTE Band2	20	18900	1	#0	QPSK	22.82	26.84
LTE Band2	20	18900	1	#Mid	QPSK	23.63	27.65
LTE Band2	20	18900	1	#Max	QPSK	23.46	27.48
LTE Band2	20	18900	50	#0	QPSK	22.27	26.29
LTE Band2	20	18900	50	#Mid	QPSK	22.29	26.31
LTE Band2	20	18900	50	#Max	QPSK	22.29	26.31
LTE Band2	20	18900	100	#0	QPSK	22.22	26.24
LTE Band2	20	18900	1	#0	16QAM	21.94	25.96
LTE Band2	20	18900	1	#Mid	16QAM	21.97	25.99
LTE Band2	20	18900	1	#Max	16QAM	21.93	25.95
LTE Band2	20	18900	50	#0	16QAM	21.20	25.22
LTE Band2	20	18900	50	#Mid	16QAM	21.24	25.26
LTE Band2	20	18900	50	#Max	16QAM	21.35	25.37
LTE Band2	20	18900	100	#0	16QAM	21.29	25.31
LTE Band2	20	19100	1	#0	QPSK	23.31	27.33
LTE Band2	20	19100	1	#Mid	QPSK	23.28	27.30
LTE Band2	20	19100	1	#Max	QPSK	23.38	27.40
LTE Band2	20	19100	50	#0	QPSK	22.39	26.41
LTE Band2	20	19100	50	#Mid	QPSK	22.35	26.37
LTE Band2	20	19100	50	#Max	QPSK	22.29	26.31
LTE Band2	20	19100	100	#0	QPSK	22.34	26.36
LTE Band2	20	19100	1	#0	16QAM	22.24	26.26
LTE Band2	20	19100	1	#Mid	16QAM	22.23	26.25
LTE Band2	20	19100	1	#Max	16QAM	22.46	26.48
LTE Band2	20	19100	50	#0	16QAM	21.39	25.41
LTE Band2	20	19100	50	#Mid	16QAM	21.42	25.44
LTE Band2	20	19100	50	#Max	16QAM	21.31	25.33
LTE Band2	20	19100	100	#0	16QAM	21.36	25.38

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band4	1.4	19957	1	#0	QPSK	22.87	26.87
LTE Band4	1.4	19957	1	#Mid	QPSK	23.09	27.09
LTE Band4	1.4	19957	1	#Max	QPSK	22.89	26.89
LTE Band4	1.4	19957	3	#0	QPSK	22.99	26.99
LTE Band4	1.4	19957	3	#Mid	QPSK	22.99	26.99
LTE Band4	1.4	19957	3	#Max	QPSK	22.92	26.92
LTE Band4	1.4	19957	6	#0	QPSK	21.92	25.92
LTE Band4	1.4	19957	1	#0	16QAM	22.08	26.08
LTE Band4	1.4	19957	1	#Mid	16QAM	22.38	26.38
LTE Band4	1.4	19957	1	#Max	16QAM	22.17	26.17
LTE Band4	1.4	19957	3	#0	16QAM	21.88	25.88
LTE Band4	1.4	19957	3	#Mid	16QAM	21.74	25.74
LTE Band4	1.4	19957	3	#Max	16QAM	21.61	25.61
LTE Band4	1.4	19957	6	#0	16QAM	20.96	24.96
LTE Band4	1.4	20175	1	#0	QPSK	22.94	26.94
LTE Band4	1.4	20175	1	#Mid	QPSK	23.14	27.14
LTE Band4	1.4	20175	1	#Max	QPSK	23.02	27.02
LTE Band4	1.4	20175	3	#0	QPSK	22.93	26.93
LTE Band4	1.4	20175	3	#Mid	QPSK	22.93	26.93
LTE Band4	1.4	20175	3	#Max	QPSK	23.10	27.10
LTE Band4	1.4	20175	6	#0	QPSK	22.09	26.09
LTE Band4	1.4	20175	1	#0	16QAM	22.18	26.18
LTE Band4	1.4	20175	1	#Mid	16QAM	22.50	26.50
LTE Band4	1.4	20175	1	#Max	16QAM	22.21	26.21
LTE Band4	1.4	20175	3	#0	16QAM	21.78	25.78
LTE Band4	1.4	20175	3	#Mid	16QAM	21.78	25.78
LTE Band4	1.4	20175	3	#Max	16QAM	21.82	25.82
LTE Band4	1.4	20175	6	#0	16QAM	20.95	24.95
LTE Band4	1.4	20393	1	#0	QPSK	22.98	26.98
LTE Band4	1.4	20393	1	#Mid	QPSK	23.15	27.15
LTE Band4	1.4	20393	1	#Max	QPSK	22.94	26.94
LTE Band4	1.4	20393	3	#0	QPSK	23.03	27.03
LTE Band4	1.4	20393	3	#Mid	QPSK	23.03	27.03
LTE Band4	1.4	20393	3	#Max	QPSK	22.97	26.97
LTE Band4	1.4	20393	6	#0	QPSK	22.10	26.10
LTE Band4	1.4	20393	1	#0	16QAM	21.73	25.73
LTE Band4	1.4	20393	1	#Mid	16QAM	21.89	25.89
LTE Band4	1.4	20393	1	#Max	16QAM	21.65	25.65
LTE Band4	1.4	20393	3	#0	16QAM	22.11	26.11
LTE Band4	1.4	20393	3	#Mid	16QAM	21.82	25.82

LTE Band4	1.4	20393	3	#Max	16QAM	22.10	26.10
LTE Band4	1.4	20393	6	#0	16QAM	21.14	25.14
LTE Band4	3	19965	1	#0	QPSK	23.13	27.13
LTE Band4	3	19965	1	#Mid	QPSK	23.22	27.22
LTE Band4	3	19965	1	#Max	QPSK	23.12	27.12
LTE Band4	3	19965	8	#0	QPSK	22.00	26.00
LTE Band4	3	19965	8	#Mid	QPSK	22.00	26.00
LTE Band4	3	19965	8	#Max	QPSK	21.99	25.99
LTE Band4	3	19965	15	#0	QPSK	21.93	25.93
LTE Band4	3	19965	1	#0	16QAM	22.13	26.13
LTE Band4	3	19965	1	#Mid	16QAM	22.17	26.17
LTE Band4	3	19965	1	#Max	16QAM	22.11	26.11
LTE Band4	3	19965	8	#0	16QAM	20.88	24.88
LTE Band4	3	19965	8	#Mid	16QAM	20.89	24.89
LTE Band4	3	19965	8	#Max	16QAM	20.79	24.79
LTE Band4	3	19965	15	#0	16QAM	20.78	24.78
LTE Band4	3	20175	1	#0	QPSK	23.02	27.02
LTE Band4	3	20175	1	#Mid	QPSK	22.86	26.86
LTE Band4	3	20175	1	#Max	QPSK	22.89	26.89
LTE Band4	3	20175	8	#0	QPSK	22.11	26.11
LTE Band4	3	20175	8	#Mid	QPSK	22.12	26.12
LTE Band4	3	20175	8	#Max	QPSK	22.12	26.12
LTE Band4	3	20175	15	#0	QPSK	22.10	26.10
LTE Band4	3	20175	1	#0	16QAM	22.49	26.49
LTE Band4	3	20175	1	#Mid	16QAM	22.52	26.52
LTE Band4	3	20175	1	#Max	16QAM	22.35	26.35
LTE Band4	3	20175	8	#0	16QAM	21.32	25.32
LTE Band4	3	20175	8	#Mid	16QAM	21.33	25.33
LTE Band4	3	20175	8	#Max	16QAM	21.33	25.33
LTE Band4	3	20175	15	#0	16QAM	21.31	25.31
LTE Band4	3	20385	1	#0	QPSK	23.13	27.13
LTE Band4	3	20385	1	#Mid	QPSK	23.16	27.16
LTE Band4	3	20385	1	#Max	QPSK	23.03	27.03
LTE Band4	3	20385	8	#0	QPSK	22.00	26.00
LTE Band4	3	20385	8	#Mid	QPSK	22.01	26.01
LTE Band4	3	20385	8	#Max	QPSK	22.01	26.01
LTE Band4	3	20385	15	#0	QPSK	22.00	26.00
LTE Band4	3	20385	1	#0	16QAM	21.72	25.72
LTE Band4	3	20385	1	#Mid	16QAM	21.69	25.69
LTE Band4	3	20385	1	#Max	16QAM	21.64	25.64
LTE Band4	3	20385	8	#0	16QAM	20.85	24.85
LTE Band4	3	20385	8	#Mid	16QAM	20.85	24.85
LTE Band4	3	20385	8	#Max	16QAM	20.84	24.84

LTE Band4	3	20385	15	#0	16QAM	21.10	25.10
LTE Band4	5	19975	1	#0	QPSK	22.86	26.86
LTE Band4	5	19975	1	#Mid	QPSK	22.83	26.83
LTE Band4	5	19975	1	#Max	QPSK	22.87	26.87
LTE Band4	5	19975	12	#0	QPSK	21.92	25.92
LTE Band4	5	19975	12	#Mid	QPSK	21.91	25.91
LTE Band4	5	19975	12	#Max	QPSK	21.87	25.87
LTE Band4	5	19975	25	#0	QPSK	21.90	25.90
LTE Band4	5	19975	1	#0	16QAM	21.72	25.72
LTE Band4	5	19975	1	#Mid	16QAM	22.40	26.40
LTE Band4	5	19975	1	#Max	16QAM	21.93	25.93
LTE Band4	5	19975	12	#0	16QAM	21.00	25.00
LTE Band4	5	19975	12	#Mid	16QAM	21.00	25.00
LTE Band4	5	19975	12	#Max	16QAM	21.05	25.05
LTE Band4	5	19975	25	#0	16QAM	20.83	24.83
LTE Band4	5	20175	1	#0	QPSK	22.70	26.70
LTE Band4	5	20175	1	#Mid	QPSK	22.80	26.80
LTE Band4	5	20175	1	#Max	QPSK	22.66	26.66
LTE Band4	5	20175	12	#0	QPSK	22.11	26.11
LTE Band4	5	20175	12	#Mid	QPSK	22.12	26.12
LTE Band4	5	20175	12	#Max	QPSK	22.10	26.10
LTE Band4	5	20175	25	#0	QPSK	22.00	26.00
LTE Band4	5	20175	1	#0	16QAM	22.41	26.41
LTE Band4	5	20175	1	#Mid	16QAM	22.69	26.69
LTE Band4	5	20175	1	#Max	16QAM	22.34	26.34
LTE Band4	5	20175	12	#0	16QAM	21.06	25.06
LTE Band4	5	20175	12	#Mid	16QAM	21.07	25.07
LTE Band4	5	20175	12	#Max	16QAM	21.07	25.07
LTE Band4	5	20175	25	#0	16QAM	20.95	24.95
LTE Band4	5	20375	1	#0	QPSK	22.98	26.98
LTE Band4	5	20375	1	#Mid	QPSK	22.98	26.98
LTE Band4	5	20375	1	#Max	QPSK	23.11	27.11
LTE Band4	5	20375	12	#0	QPSK	22.19	26.19
LTE Band4	5	20375	12	#Mid	QPSK	22.20	26.20
LTE Band4	5	20375	12	#Max	QPSK	22.06	26.06
LTE Band4	5	20375	25	#0	QPSK	22.19	26.19
LTE Band4	5	20375	1	#0	16QAM	21.94	25.94
LTE Band4	5	20375	1	#Mid	16QAM	22.09	26.09
LTE Band4	5	20375	1	#Max	16QAM	21.84	25.84
LTE Band4	5	20375	12	#0	16QAM	21.16	25.16
LTE Band4	5	20375	12	#Mid	16QAM	21.10	25.10
LTE Band4	5	20375	12	#Max	16QAM	21.05	25.05
LTE Band4	5	20375	25	#0	16QAM	21.02	25.02

LTE Band4	10	20000	1	#0	QPSK	23.03	27.03
LTE Band4	10	20000	1	#Mid	QPSK	23.01	27.01
LTE Band4	10	20000	1	#Max	QPSK	23.08	27.08
LTE Band4	10	20000	25	#0	QPSK	21.92	25.92
LTE Band4	10	20000	25	#Mid	QPSK	21.92	25.92
LTE Band4	10	20000	25	#Max	QPSK	22.03	26.03
LTE Band4	10	20000	50	#0	QPSK	21.91	25.91
LTE Band4	10	20000	1	#0	16QAM	22.23	26.23
LTE Band4	10	20000	1	#Mid	16QAM	22.17	26.17
LTE Band4	10	20000	1	#Max	16QAM	21.41	25.41
LTE Band4	10	20000	25	#0	16QAM	20.97	24.97
LTE Band4	10	20000	25	#Mid	16QAM	20.97	24.97
LTE Band4	10	20000	25	#Max	16QAM	21.10	25.10
LTE Band4	10	20000	50	#0	16QAM	20.91	24.91
LTE Band4	10	20175	1	#0	QPSK	23.29	27.29
LTE Band4	10	20175	1	#Mid	QPSK	23.06	27.06
LTE Band4	10	20175	1	#Max	QPSK	22.88	26.88
LTE Band4	10	20175	25	#0	QPSK	21.97	25.97
LTE Band4	10	20175	25	#Mid	QPSK	21.98	25.98
LTE Band4	10	20175	25	#Max	QPSK	22.08	26.08
LTE Band4	10	20175	50	#0	QPSK	21.97	25.97
LTE Band4	10	20175	1	#0	16QAM	22.73	26.73
LTE Band4	10	20175	1	#Mid	16QAM	23.25	27.25
LTE Band4	10	20175	1	#Max	16QAM	22.70	26.70
LTE Band4	10	20175	25	#0	16QAM	21.10	25.10
LTE Band4	10	20175	25	#Mid	16QAM	21.11	25.11
LTE Band4	10	20175	25	#Max	16QAM	21.10	25.10
LTE Band4	10	20175	50	#0	16QAM	20.95	24.95
LTE Band4	10	20350	1	#0	QPSK	23.31	27.31
LTE Band4	10	20350	1	#Mid	QPSK	23.58	27.58
LTE Band4	10	20350	1	#Max	QPSK	23.11	27.11
LTE Band4	10	20350	25	#0	QPSK	22.22	26.22
LTE Band4	10	20350	25	#Mid	QPSK	22.22	26.22
LTE Band4	10	20350	25	#Max	QPSK	22.15	26.15
LTE Band4	10	20350	50	#0	QPSK	22.19	26.19
LTE Band4	10	20350	1	#0	16QAM	21.94	25.94
LTE Band4	10	20350	1	#Mid	16QAM	22.12	26.12
LTE Band4	10	20350	1	#Max	16QAM	21.87	25.87
LTE Band4	10	20350	25	#0	16QAM	21.29	25.29
LTE Band4	10	20350	25	#Mid	16QAM	21.27	25.27
LTE Band4	10	20350	25	#Max	16QAM	21.17	25.17
LTE Band4	10	20350	50	#0	16QAM	21.10	25.10
LTE Band4	15	20025	1	#0	QPSK	23.01	27.01

LTE Band4	15	20025	1	#Mid	QPSK	23.05	27.05
LTE Band4	15	20025	1	#Max	QPSK	22.94	26.94
LTE Band4	15	20025	36	#0	QPSK	21.94	25.94
LTE Band4	15	20025	36	#Mid	QPSK	21.94	25.94
LTE Band4	15	20025	36	#Max	QPSK	22.08	26.08
LTE Band4	15	20025	75	#0	QPSK	22.08	26.08
LTE Band4	15	20025	1	#0	16QAM	22.12	26.12
LTE Band4	15	20025	1	#Mid	16QAM	22.95	26.95
LTE Band4	15	20025	1	#Max	16QAM	22.19	26.19
LTE Band4	15	20025	36	#0	16QAM	21.02	25.02
LTE Band4	15	20025	36	#Mid	16QAM	21.02	25.02
LTE Band4	15	20025	36	#Max	16QAM	21.08	25.08
LTE Band4	15	20025	75	#0	16QAM	21.08	25.08
LTE Band4	15	20175	1	#0	QPSK	23.18	27.18
LTE Band4	15	20175	1	#Mid	QPSK	23.12	27.12
LTE Band4	15	20175	1	#Max	QPSK	22.87	26.87
LTE Band4	15	20175	36	#0	QPSK	22.04	26.04
LTE Band4	15	20175	36	#Mid	QPSK	22.04	26.04
LTE Band4	15	20175	36	#Max	QPSK	22.02	26.02
LTE Band4	15	20175	75	#0	QPSK	22.04	26.04
LTE Band4	15	20175	1	#0	16QAM	22.77	26.77
LTE Band4	15	20175	1	#Mid	16QAM	22.83	26.83
LTE Band4	15	20175	1	#Max	16QAM	22.74	26.74
LTE Band4	15	20175	36	#0	16QAM	21.02	25.02
LTE Band4	15	20175	36	#Mid	16QAM	21.04	25.04
LTE Band4	15	20175	36	#Max	16QAM	21.02	25.02
LTE Band4	15	20175	75	#0	16QAM	21.05	25.05
LTE Band4	15	20325	1	#0	QPSK	23.13	27.13
LTE Band4	15	20325	1	#Mid	QPSK	23.10	27.10
LTE Band4	15	20325	1	#Max	QPSK	23.11	27.11
LTE Band4	15	20325	36	#0	QPSK	22.22	26.22
LTE Band4	15	20325	36	#Mid	QPSK	22.22	26.22
LTE Band4	15	20325	36	#Max	QPSK	22.13	26.13
LTE Band4	15	20325	75	#0	QPSK	22.15	26.15
LTE Band4	15	20325	1	#0	16QAM	22.12	26.12
LTE Band4	15	20325	1	#Mid	16QAM	21.87	25.87
LTE Band4	15	20325	1	#Max	16QAM	20.83	24.83
LTE Band4	15	20325	36	#0	16QAM	21.20	25.20
LTE Band4	15	20325	36	#Mid	16QAM	21.20	25.20
LTE Band4	15	20325	36	#Max	16QAM	21.15	25.15
LTE Band4	15	20325	75	#0	16QAM	21.33	25.33
LTE Band4	20	20050	1	#0	QPSK	22.89	26.89
LTE Band4	20	20050	1	#Mid	QPSK	23.26	27.26

LTE Band4	20	20050	1	#Max	QPSK	22.92	26.92
LTE Band4	20	20050	50	#0	QPSK	22.01	26.01
LTE Band4	20	20050	50	#Mid	QPSK	22.00	26.00
LTE Band4	20	20050	50	#Max	QPSK	21.99	25.99
LTE Band4	20	20050	100	#0	QPSK	22.00	26.00
LTE Band4	20	20050	1	#0	16QAM	21.93	25.93
LTE Band4	20	20050	1	#Mid	16QAM	22.63	26.63
LTE Band4	20	20050	1	#Max	16QAM	22.12	26.12
LTE Band4	20	20050	50	#0	16QAM	21.25	25.25
LTE Band4	20	20050	50	#Mid	16QAM	21.09	25.09
LTE Band4	20	20050	50	#Max	16QAM	21.11	25.11
LTE Band4	20	20050	100	#0	16QAM	21.10	25.10
LTE Band4	20	20175	1	#0	QPSK	23.18	27.18
LTE Band4	20	20175	1	#Mid	QPSK	23.24	27.24
LTE Band4	20	20175	1	#Max	QPSK	23.29	27.29
LTE Band4	20	20175	50	#0	QPSK	22.05	26.05
LTE Band4	20	20175	50	#Mid	QPSK	22.06	26.06
LTE Band4	20	20175	50	#Max	QPSK	22.00	26.00
LTE Band4	20	20175	100	#0	QPSK	22.03	26.03
LTE Band4	20	20175	1	#0	16QAM	21.72	25.72
LTE Band4	20	20175	1	#Mid	16QAM	21.96	25.96
LTE Band4	20	20175	1	#Max	16QAM	21.33	25.33
LTE Band4	20	20175	50	#0	16QAM	21.03	25.03
LTE Band4	20	20175	50	#Mid	16QAM	21.04	25.04
LTE Band4	20	20175	50	#Max	16QAM	20.98	24.98
LTE Band4	20	20175	100	#0	16QAM	21.06	25.06
LTE Band4	20	20300	1	#0	QPSK	23.16	27.16
LTE Band4	20	20300	1	#Mid	QPSK	23.13	27.13
LTE Band4	20	20300	1	#Max	QPSK	23.11	27.11
LTE Band4	20	20300	50	#0	QPSK	22.19	26.19
LTE Band4	20	20300	50	#Mid	QPSK	22.19	26.19
LTE Band4	20	20300	50	#Max	QPSK	22.15	26.15
LTE Band4	20	20300	100	#0	QPSK	22.12	26.12
LTE Band4	20	20300	1	#0	16QAM	22.22	26.22
LTE Band4	20	20300	1	#Mid	16QAM	22.62	26.62
LTE Band4	20	20300	1	#Max	16QAM	22.08	26.08
LTE Band4	20	20300	50	#0	16QAM	21.22	25.22
LTE Band4	20	20300	50	#Mid	16QAM	21.27	25.27
LTE Band4	20	20300	50	#Max	16QAM	21.20	25.20
LTE Band4	20	20300	100	#0	16QAM	21.14	25.14

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band5	1.4	20407	1	#0	QPSK	23.33	24.70
LTE Band5	1.4	20407	1	#Mid	QPSK	23.51	24.88
LTE Band5	1.4	20407	1	#Max	QPSK	23.36	24.73
LTE Band5	1.4	20407	3	#0	QPSK	22.99	24.36
LTE Band5	1.4	20407	3	#Mid	QPSK	22.99	24.36
LTE Band5	1.4	20407	3	#Max	QPSK	23.04	24.41
LTE Band5	1.4	20407	6	#0	QPSK	21.96	23.33
LTE Band5	1.4	20407	1	#0	16QAM	22.24	23.61
LTE Band5	1.4	20407	1	#Mid	16QAM	22.30	23.67
LTE Band5	1.4	20407	1	#Max	16QAM	22.16	23.53
LTE Band5	1.4	20407	3	#0	16QAM	21.96	23.33
LTE Band5	1.4	20407	3	#Mid	16QAM	21.97	23.34
LTE Band5	1.4	20407	3	#Max	16QAM	22.04	23.41
LTE Band5	1.4	20407	6	#0	16QAM	20.85	22.22
LTE Band5	1.4	20525	1	#0	QPSK	23.21	24.58
LTE Band5	1.4	20525	1	#Mid	QPSK	23.30	24.67
LTE Band5	1.4	20525	1	#Max	QPSK	23.18	24.55
LTE Band5	1.4	20525	3	#0	QPSK	23.50	24.87
LTE Band5	1.4	20525	3	#Mid	QPSK	23.58	24.95
LTE Band5	1.4	20525	3	#Max	QPSK	23.47	24.84
LTE Band5	1.4	20525	6	#0	QPSK	22.35	23.72
LTE Band5	1.4	20525	1	#0	16QAM	23.14	24.51
LTE Band5	1.4	20525	1	#Mid	16QAM	23.23	24.60
LTE Band5	1.4	20525	1	#Max	16QAM	23.14	24.51
LTE Band5	1.4	20525	3	#0	16QAM	22.82	24.19
LTE Band5	1.4	20525	3	#Mid	16QAM	22.74	24.11
LTE Band5	1.4	20525	3	#Max	16QAM	22.74	24.11
LTE Band5	1.4	20525	6	#0	16QAM	21.60	22.97
LTE Band5	1.4	20643	1	#0	QPSK	23.41	24.78
LTE Band5	1.4	20643	1	#Mid	QPSK	23.46	24.83
LTE Band5	1.4	20643	1	#Max	QPSK	23.20	24.57
LTE Band5	1.4	20643	3	#0	QPSK	23.46	24.83
LTE Band5	1.4	20643	3	#Mid	QPSK	23.46	24.83
LTE Band5	1.4	20643	3	#Max	QPSK	23.11	24.48
LTE Band5	1.4	20643	6	#0	QPSK	22.33	23.70
LTE Band5	1.4	20643	1	#0	16QAM	21.93	23.30
LTE Band5	1.4	20643	1	#Mid	16QAM	22.18	23.55
LTE Band5	1.4	20643	1	#Max	16QAM	21.90	23.27
LTE Band5	1.4	20643	3	#0	16QAM	22.38	23.75
LTE Band5	1.4	20643	3	#Mid	16QAM	21.57	22.94

LTE Band5	1.4	20643	3	#Max	16QAM	21.38	22.75
LTE Band5	1.4	20643	6	#0	16QAM	21.10	22.47
LTE Band5	3	20415	1	#0	QPSK	22.98	24.35
LTE Band5	3	20415	1	#Mid	QPSK	22.92	24.29
LTE Band5	3	20415	1	#Max	QPSK	22.95	24.32
LTE Band5	3	20415	8	#0	QPSK	21.79	23.16
LTE Band5	3	20415	8	#Mid	QPSK	21.90	23.27
LTE Band5	3	20415	8	#Max	QPSK	22.04	23.41
LTE Band5	3	20415	15	#0	QPSK	21.87	23.24
LTE Band5	3	20415	1	#0	16QAM	21.94	23.31
LTE Band5	3	20415	1	#Mid	16QAM	22.10	23.47
LTE Band5	3	20415	1	#Max	16QAM	22.10	23.47
LTE Band5	3	20415	8	#0	16QAM	20.71	22.08
LTE Band5	3	20415	8	#Mid	16QAM	20.72	22.09
LTE Band5	3	20415	8	#Max	16QAM	20.75	22.12
LTE Band5	3	20415	15	#0	16QAM	20.59	21.96
LTE Band5	3	20525	1	#0	QPSK	23.56	24.93
LTE Band5	3	20525	1	#Mid	QPSK	23.14	24.51
LTE Band5	3	20525	1	#Max	QPSK	23.15	24.52
LTE Band5	3	20525	8	#0	QPSK	22.41	23.78
LTE Band5	3	20525	8	#Mid	QPSK	22.41	23.78
LTE Band5	3	20525	8	#Max	QPSK	22.40	23.77
LTE Band5	3	20525	15	#0	QPSK	22.40	23.77
LTE Band5	3	20525	1	#0	16QAM	22.45	23.82
LTE Band5	3	20525	1	#Mid	16QAM	22.66	24.03
LTE Band5	3	20525	1	#Max	16QAM	22.43	23.80
LTE Band5	3	20525	8	#0	16QAM	21.12	22.49
LTE Band5	3	20525	8	#Mid	16QAM	21.13	22.50
LTE Band5	3	20525	8	#Max	16QAM	21.22	22.59
LTE Band5	3	20525	15	#0	16QAM	21.03	22.40
LTE Band5	3	20635	1	#0	QPSK	23.30	24.67
LTE Band5	3	20635	1	#Mid	QPSK	23.15	24.52
LTE Band5	3	20635	1	#Max	QPSK	23.27	24.64
LTE Band5	3	20635	8	#0	QPSK	22.39	23.76
LTE Band5	3	20635	8	#Mid	QPSK	22.31	23.68
LTE Band5	3	20635	8	#Max	QPSK	22.28	23.65
LTE Band5	3	20635	15	#0	QPSK	22.34	23.71
LTE Band5	3	20635	1	#0	16QAM	22.03	23.40
LTE Band5	3	20635	1	#Mid	16QAM	21.92	23.29
LTE Band5	3	20635	1	#Max	16QAM	21.94	23.31
LTE Band5	3	20635	8	#0	16QAM	21.15	22.52
LTE Band5	3	20635	8	#Mid	16QAM	21.19	22.56
LTE Band5	3	20635	8	#Max	16QAM	21.02	22.39

LTE Band5	3	20635	15	#0	16QAM	21.27	22.64
LTE Band5	5	20425	1	#0	QPSK	22.79	24.16
LTE Band5	5	20425	1	#Mid	QPSK	22.97	24.34
LTE Band5	5	20425	1	#Max	QPSK	22.88	24.25
LTE Band5	5	20425	12	#0	QPSK	21.91	23.28
LTE Band5	5	20425	12	#Mid	QPSK	21.92	23.29
LTE Band5	5	20425	12	#Max	QPSK	21.95	23.32
LTE Band5	5	20425	25	#0	QPSK	21.95	23.32
LTE Band5	5	20425	1	#0	16QAM	21.44	22.81
LTE Band5	5	20425	1	#Mid	16QAM	22.46	23.83
LTE Band5	5	20425	1	#Max	16QAM	22.15	23.52
LTE Band5	5	20425	12	#0	16QAM	20.78	22.15
LTE Band5	5	20425	12	#Mid	16QAM	20.79	22.16
LTE Band5	5	20425	12	#Max	16QAM	20.93	22.30
LTE Band5	5	20425	25	#0	16QAM	20.79	22.16
LTE Band5	5	20525	1	#0	QPSK	23.22	24.59
LTE Band5	5	20525	1	#Mid	QPSK	23.16	24.53
LTE Band5	5	20525	1	#Max	QPSK	22.87	24.24
LTE Band5	5	20525	12	#0	QPSK	22.33	23.70
LTE Band5	5	20525	12	#Mid	QPSK	22.33	23.70
LTE Band5	5	20525	12	#Max	QPSK	22.31	23.68
LTE Band5	5	20525	25	#0	QPSK	22.33	23.70
LTE Band5	5	20525	1	#0	16QAM	22.30	23.67
LTE Band5	5	20525	1	#Mid	16QAM	22.40	23.77
LTE Band5	5	20525	1	#Max	16QAM	22.66	24.03
LTE Band5	5	20525	12	#0	16QAM	21.03	22.40
LTE Band5	5	20525	12	#Mid	16QAM	21.02	22.39
LTE Band5	5	20525	12	#Max	16QAM	20.91	22.28
LTE Band5	5	20525	25	#0	16QAM	20.97	22.34
LTE Band5	5	20625	1	#0	QPSK	23.07	24.44
LTE Band5	5	20625	1	#Mid	QPSK	22.97	24.34
LTE Band5	5	20625	1	#Max	QPSK	23.09	24.46
LTE Band5	5	20625	12	#0	QPSK	22.28	23.65
LTE Band5	5	20625	12	#Mid	QPSK	22.30	23.67
LTE Band5	5	20625	12	#Max	QPSK	22.29	23.66
LTE Band5	5	20625	25	#0	QPSK	22.32	23.69
LTE Band5	5	20625	1	#0	16QAM	22.52	23.89
LTE Band5	5	20625	1	#Mid	16QAM	22.12	23.49
LTE Band5	5	20625	1	#Max	16QAM	21.25	22.62
LTE Band5	5	20625	12	#0	16QAM	21.36	22.73
LTE Band5	5	20625	12	#Mid	16QAM	21.38	22.75
LTE Band5	5	20625	12	#Max	16QAM	21.36	22.73
LTE Band5	5	20625	25	#0	16QAM	21.25	22.62

LTE Band5	10	20450	1	#0	QPSK	22.93	24.30
LTE Band5	10	20450	1	#Mid	QPSK	23.34	24.71
LTE Band5	10	20450	1	#Max	QPSK	23.04	24.41
LTE Band5	10	20450	25	#0	QPSK	21.95	23.32
LTE Band5	10	20450	25	#Mid	QPSK	21.95	23.32
LTE Band5	10	20450	25	#Max	QPSK	22.17	23.54
LTE Band5	10	20450	50	#0	QPSK	22.03	23.40
LTE Band5	10	20450	1	#0	16QAM	22.06	23.43
LTE Band5	10	20450	1	#Mid	16QAM	23.17	24.54
LTE Band5	10	20450	1	#Max	16QAM	21.54	22.91
LTE Band5	10	20450	25	#0	16QAM	21.01	22.38
LTE Band5	10	20450	25	#Mid	16QAM	21.01	22.38
LTE Band5	10	20450	25	#Max	16QAM	21.18	22.55
LTE Band5	10	20450	50	#0	16QAM	20.98	22.35
LTE Band5	10	20525	1	#0	QPSK	23.45	24.82
LTE Band5	10	20525	1	#Mid	QPSK	23.36	24.73
LTE Band5	10	20525	1	#Max	QPSK	23.23	24.60
LTE Band5	10	20525	25	#0	QPSK	22.31	23.68
LTE Band5	10	20525	25	#Mid	QPSK	22.30	23.67
LTE Band5	10	20525	25	#Max	QPSK	22.32	23.69
LTE Band5	10	20525	50	#0	QPSK	22.23	23.60
LTE Band5	10	20525	1	#0	16QAM	22.91	24.28
LTE Band5	10	20525	1	#Mid	16QAM	22.81	24.18
LTE Band5	10	20525	1	#Max	16QAM	22.68	24.05
LTE Band5	10	20525	25	#0	16QAM	21.43	22.80
LTE Band5	10	20525	25	#Mid	16QAM	21.35	22.72
LTE Band5	10	20525	25	#Max	16QAM	21.17	22.54
LTE Band5	10	20525	50	#0	16QAM	21.22	22.59
LTE Band5	10	20600	1	#0	QPSK	23.30	24.67
LTE Band5	10	20600	1	#Mid	QPSK	23.68	25.05
LTE Band5	10	20600	1	#Max	QPSK	23.52	24.89
LTE Band5	10	20600	25	#0	QPSK	22.42	23.79
LTE Band5	10	20600	25	#Mid	QPSK	22.44	23.81
LTE Band5	10	20600	25	#Max	QPSK	22.26	23.63
LTE Band5	10	20600	50	#0	QPSK	22.34	23.71
LTE Band5	10	20600	1	#0	16QAM	22.04	23.41
LTE Band5	10	20600	1	#Mid	16QAM	22.19	23.56
LTE Band5	10	20600	1	#Max	16QAM	21.79	23.16
LTE Band5	10	20600	25	#0	16QAM	21.36	22.73
LTE Band5	10	20600	25	#Mid	16QAM	21.34	22.71
LTE Band5	10	20600	25	#Max	16QAM	21.24	22.61
LTE Band5	10	20600	50	#0	16QAM	21.27	22.64

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band7	5	20775	1	#0	QPSK	23.15	28.34
LTE Band7	5	20775	1	#Mid	QPSK	23.44	28.63
LTE Band7	5	20775	1	#Max	QPSK	23.11	28.30
LTE Band7	5	20775	12	#0	QPSK	22.48	27.67
LTE Band7	5	20775	12	#Mid	QPSK	22.48	27.67
LTE Band7	5	20775	12	#Max	QPSK	22.54	27.73
LTE Band7	5	20775	25	#0	QPSK	22.47	27.66
LTE Band7	5	20775	1	#0	16QAM	22.53	27.72
LTE Band7	5	20775	1	#Mid	16QAM	23.09	28.28
LTE Band7	5	20775	1	#Max	16QAM	22.48	27.67
LTE Band7	5	20775	12	#0	16QAM	21.13	26.32
LTE Band7	5	20775	12	#Mid	16QAM	21.14	26.33
LTE Band7	5	20775	12	#Max	16QAM	21.09	26.28
LTE Band7	5	20775	25	#0	16QAM	21.36	26.55
LTE Band7	5	21100	1	#0	QPSK	23.45	28.64
LTE Band7	5	21100	1	#Mid	QPSK	23.42	28.61
LTE Band7	5	21100	1	#Max	QPSK	23.27	28.46
LTE Band7	5	21100	12	#0	QPSK	22.40	27.59
LTE Band7	5	21100	12	#Mid	QPSK	22.41	27.60
LTE Band7	5	21100	12	#Max	QPSK	22.49	27.68
LTE Band7	5	21100	25	#0	QPSK	22.52	27.71
LTE Band7	5	21100	1	#0	16QAM	22.16	27.35
LTE Band7	5	21100	1	#Mid	16QAM	22.75	27.94
LTE Band7	5	21100	1	#Max	16QAM	22.35	27.54
LTE Band7	5	21100	12	#0	16QAM	21.48	26.67
LTE Band7	5	21100	12	#Mid	16QAM	21.31	26.50
LTE Band7	5	21100	12	#Max	16QAM	21.56	26.75
LTE Band7	5	21100	25	#0	16QAM	21.38	26.57
LTE Band7	5	21425	1	#0	QPSK	22.78	27.97
LTE Band7	5	21425	1	#Mid	QPSK	22.67	27.86
LTE Band7	5	21425	1	#Max	QPSK	22.77	27.96
LTE Band7	5	21425	12	#0	QPSK	21.98	27.17
LTE Band7	5	21425	12	#Mid	QPSK	21.99	27.18
LTE Band7	5	21425	12	#Max	QPSK	21.91	27.10
LTE Band7	5	21425	25	#0	QPSK	21.97	27.16
LTE Band7	5	21425	1	#0	16QAM	21.93	27.12
LTE Band7	5	21425	1	#Mid	16QAM	22.01	27.20
LTE Band7	5	21425	1	#Max	16QAM	21.57	26.76
LTE Band7	5	21425	12	#0	16QAM	20.85	26.04
LTE Band7	5	21425	12	#Mid	16QAM	20.86	26.05

LTE Band7	5	21425	12	#Max	16QAM	20.76	25.95
LTE Band7	5	21425	25	#0	16QAM	20.87	26.06
LTE Band7	10	20800	1	#0	QPSK	23.31	28.50
LTE Band7	10	20800	1	#Mid	QPSK	23.58	28.77
LTE Band7	10	20800	1	#Max	QPSK	23.09	28.28
LTE Band7	10	20800	25	#0	QPSK	22.42	27.61
LTE Band7	10	20800	25	#Mid	QPSK	22.41	27.60
LTE Band7	10	20800	25	#Max	QPSK	22.44	27.63
LTE Band7	10	20800	50	#0	QPSK	22.38	27.57
LTE Band7	10	20800	1	#0	16QAM	22.54	27.73
LTE Band7	10	20800	1	#Mid	16QAM	23.26	28.45
LTE Band7	10	20800	1	#Max	16QAM	22.33	27.52
LTE Band7	10	20800	25	#0	16QAM	21.30	26.49
LTE Band7	10	20800	25	#Mid	16QAM	21.23	26.42
LTE Band7	10	20800	25	#Max	16QAM	21.27	26.46
LTE Band7	10	20800	50	#0	16QAM	21.42	26.61
LTE Band7	10	21100	1	#0	QPSK	23.47	28.66
LTE Band7	10	21100	1	#Mid	QPSK	23.68	28.87
LTE Band7	10	21100	1	#Max	QPSK	23.53	28.72
LTE Band7	10	21100	25	#0	QPSK	22.49	27.68
LTE Band7	10	21100	25	#Mid	QPSK	22.50	27.69
LTE Band7	10	21100	25	#Max	QPSK	22.48	27.67
LTE Band7	10	21100	50	#0	QPSK	22.50	27.69
LTE Band7	10	21100	1	#0	16QAM	23.07	28.26
LTE Band7	10	21100	1	#Mid	16QAM	23.67	28.86
LTE Band7	10	21100	1	#Max	16QAM	23.22	28.41
LTE Band7	10	21100	25	#0	16QAM	21.44	26.63
LTE Band7	10	21100	25	#Mid	16QAM	21.47	26.66
LTE Band7	10	21100	25	#Max	16QAM	21.46	26.65
LTE Band7	10	21100	50	#0	16QAM	21.34	26.53
LTE Band7	10	21400	1	#0	QPSK	23.06	28.25
LTE Band7	10	21400	1	#Mid	QPSK	23.38	28.57
LTE Band7	10	21400	1	#Max	QPSK	23.01	28.20
LTE Band7	10	21400	25	#0	QPSK	22.04	27.23
LTE Band7	10	21400	25	#Mid	QPSK	22.06	27.25
LTE Band7	10	21400	25	#Max	QPSK	22.04	27.23
LTE Band7	10	21400	50	#0	QPSK	22.06	27.25
LTE Band7	10	21400	1	#0	16QAM	21.83	27.02
LTE Band7	10	21400	1	#Mid	16QAM	21.84	27.03
LTE Band7	10	21400	1	#Max	16QAM	21.50	26.69
LTE Band7	10	21400	25	#0	16QAM	21.08	26.27
LTE Band7	10	21400	25	#Mid	16QAM	21.10	26.29
LTE Band7	10	21400	25	#Max	16QAM	21.01	26.20

LTE Band7	10	21400	50	#0	16QAM	21.03	26.22
LTE Band7	15	20825	1	#0	QPSK	23.36	28.55
LTE Band7	15	20825	1	#Mid	QPSK	23.19	28.38
LTE Band7	15	20825	1	#Max	QPSK	23.10	28.29
LTE Band7	15	20825	36	#0	QPSK	22.36	27.55
LTE Band7	15	20825	36	#Mid	QPSK	22.35	27.54
LTE Band7	15	20825	36	#Max	QPSK	22.26	27.45
LTE Band7	15	20825	75	#0	QPSK	22.34	27.53
LTE Band7	15	20825	1	#0	16QAM	22.57	27.76
LTE Band7	15	20825	1	#Mid	16QAM	23.09	28.28
LTE Band7	15	20825	1	#Max	16QAM	22.40	27.59
LTE Band7	15	20825	36	#0	16QAM	21.21	26.40
LTE Band7	15	20825	36	#Mid	16QAM	21.22	26.41
LTE Band7	15	20825	36	#Max	16QAM	21.15	26.34
LTE Band7	15	20825	75	#0	16QAM	21.29	26.48
LTE Band7	15	21100	1	#0	QPSK	23.40	28.59
LTE Band7	15	21100	1	#Mid	QPSK	23.56	28.75
LTE Band7	15	21100	1	#Max	QPSK	23.35	28.54
LTE Band7	15	21100	36	#0	QPSK	22.39	27.58
LTE Band7	15	21100	36	#Mid	QPSK	22.41	27.60
LTE Band7	15	21100	36	#Max	QPSK	22.47	27.66
LTE Band7	15	21100	75	#0	QPSK	22.49	27.68
LTE Band7	15	21100	1	#0	16QAM	23.09	28.28
LTE Band7	15	21100	1	#Mid	16QAM	23.14	28.33
LTE Band7	15	21100	1	#Max	16QAM	23.17	28.36
LTE Band7	15	21100	36	#0	16QAM	21.36	26.55
LTE Band7	15	21100	36	#Mid	16QAM	21.35	26.54
LTE Band7	15	21100	36	#Max	16QAM	21.62	26.81
LTE Band7	15	21100	75	#0	16QAM	21.34	26.53
LTE Band7	15	21375	1	#0	QPSK	22.92	28.11
LTE Band7	15	21375	1	#Mid	QPSK	23.03	28.22
LTE Band7	15	21375	1	#Max	QPSK	22.80	27.99
LTE Band7	15	21375	36	#0	QPSK	22.07	27.26
LTE Band7	15	21375	36	#Mid	QPSK	22.08	27.27
LTE Band7	15	21375	36	#Max	QPSK	22.07	27.26
LTE Band7	15	21375	75	#0	QPSK	22.05	27.24
LTE Band7	15	21375	1	#0	16QAM	22.03	27.22
LTE Band7	15	21375	1	#Mid	16QAM	21.67	26.86
LTE Band7	15	21375	1	#Max	16QAM	21.23	26.42
LTE Band7	15	21375	36	#0	16QAM	20.91	26.10
LTE Band7	15	21375	36	#Mid	16QAM	20.84	26.03
LTE Band7	15	21375	36	#Max	16QAM	20.84	26.03
LTE Band7	15	21375	75	#0	16QAM	21.01	26.20

LTE Band7	20	20850	1	#0	QPSK	23.23	28.42
LTE Band7	20	20850	1	#Mid	QPSK	23.33	28.52
LTE Band7	20	20850	1	#Max	QPSK	23.07	28.26
LTE Band7	20	20850	50	#0	QPSK	22.37	27.56
LTE Band7	20	20850	50	#Mid	QPSK	22.36	27.55
LTE Band7	20	20850	50	#Max	QPSK	22.30	27.49
LTE Band7	20	20850	100	#0	QPSK	22.43	27.62
LTE Band7	20	20850	1	#0	16QAM	22.43	27.62
LTE Band7	20	20850	1	#Mid	16QAM	22.95	28.14
LTE Band7	20	20850	1	#Max	16QAM	22.40	27.59
LTE Band7	20	20850	50	#0	16QAM	21.40	26.59
LTE Band7	20	20850	50	#Mid	16QAM	21.40	26.59
LTE Band7	20	20850	50	#Max	16QAM	21.25	26.44
LTE Band7	20	20850	100	#0	16QAM	21.38	26.57
LTE Band7	20	21100	1	#0	QPSK	23.59	28.78
LTE Band7	20	21100	1	#Mid	QPSK	23.66	28.85
LTE Band7	20	21100	1	#Max	QPSK	23.47	28.66
LTE Band7	20	21100	50	#0	QPSK	22.44	27.63
LTE Band7	20	21100	50	#Mid	QPSK	22.45	27.64
LTE Band7	20	21100	50	#Max	QPSK	22.49	27.68
LTE Band7	20	21100	100	#0	QPSK	22.48	27.67
LTE Band7	20	21100	1	#0	16QAM	22.20	27.39
LTE Band7	20	21100	1	#Mid	16QAM	22.29	27.48
LTE Band7	20	21100	1	#Max	16QAM	21.66	26.85
LTE Band7	20	21100	50	#0	16QAM	21.29	26.48
LTE Band7	20	21100	50	#Mid	16QAM	21.31	26.50
LTE Band7	20	21100	50	#Max	16QAM	21.43	26.62
LTE Band7	20	21100	100	#0	16QAM	21.32	26.51
LTE Band7	20	21350	1	#0	QPSK	23.20	28.39
LTE Band7	20	21350	1	#Mid	QPSK	22.92	28.11
LTE Band7	20	21350	1	#Max	QPSK	22.86	28.05
LTE Band7	20	21350	50	#0	QPSK	22.10	27.29
LTE Band7	20	21350	50	#Mid	QPSK	22.12	27.31
LTE Band7	20	21350	50	#Max	QPSK	22.05	27.24
LTE Band7	20	21350	100	#0	QPSK	22.10	27.29
LTE Band7	20	21350	1	#0	16QAM	22.35	27.54
LTE Band7	20	21350	1	#Mid	16QAM	22.23	27.42
LTE Band7	20	21350	1	#Max	16QAM	22.00	27.19
LTE Band7	20	21350	50	#0	16QAM	21.17	26.36
LTE Band7	20	21350	50	#Mid	16QAM	21.10	26.29
LTE Band7	20	21350	50	#Max	16QAM	20.97	26.16
LTE Band7	20	21350	100	#0	16QAM	21.16	26.35

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band12	1.4	23017	1	#0	QPSK	23.53	25.03
LTE Band12	1.4	23017	1	#Mid	QPSK	23.60	25.10
LTE Band12	1.4	23017	1	#Max	QPSK	23.50	25.00
LTE Band12	1.4	23017	3	#0	QPSK	23.27	24.77
LTE Band12	1.4	23017	3	#Mid	QPSK	23.27	24.77
LTE Band12	1.4	23017	3	#Max	QPSK	23.23	24.73
LTE Band12	1.4	23017	6	#0	QPSK	22.13	23.63
LTE Band12	1.4	23017	1	#0	16QAM	22.44	23.94
LTE Band12	1.4	23017	1	#Mid	16QAM	22.58	24.08
LTE Band12	1.4	23017	1	#Max	16QAM	22.38	23.88
LTE Band12	1.4	23017	3	#0	16QAM	22.33	23.83
LTE Band12	1.4	23017	3	#Mid	16QAM	22.33	23.83
LTE Band12	1.4	23017	3	#Max	16QAM	22.29	23.79
LTE Band12	1.4	23017	6	#0	16QAM	21.06	22.56
LTE Band12	1.4	23095	1	#0	QPSK	23.64	25.14
LTE Band12	1.4	23095	1	#Mid	QPSK	23.62	25.12
LTE Band12	1.4	23095	1	#Max	QPSK	23.53	25.03
LTE Band12	1.4	23095	3	#0	QPSK	23.41	24.91
LTE Band12	1.4	23095	3	#Mid	QPSK	23.40	24.90
LTE Band12	1.4	23095	3	#Max	QPSK	23.51	25.01
LTE Band12	1.4	23095	6	#0	QPSK	22.56	24.06
LTE Band12	1.4	23095	1	#0	16QAM	23.15	24.65
LTE Band12	1.4	23095	1	#Mid	16QAM	23.29	24.79
LTE Band12	1.4	23095	1	#Max	16QAM	23.23	24.73
LTE Band12	1.4	23095	3	#0	16QAM	22.41	23.91
LTE Band12	1.4	23095	3	#Mid	16QAM	22.34	23.84
LTE Band12	1.4	23095	3	#Max	16QAM	22.48	23.98
LTE Band12	1.4	23095	6	#0	16QAM	21.40	22.90
LTE Band12	1.4	23173	1	#0	QPSK	23.15	24.65
LTE Band12	1.4	23173	1	#Mid	QPSK	23.41	24.91
LTE Band12	1.4	23173	1	#Max	QPSK	23.38	24.88
LTE Band12	1.4	23173	3	#0	QPSK	23.22	24.72
LTE Band12	1.4	23173	3	#Mid	QPSK	23.21	24.71
LTE Band12	1.4	23173	3	#Max	QPSK	23.15	24.65
LTE Band12	1.4	23173	6	#0	QPSK	22.24	23.74
LTE Band12	1.4	23173	1	#0	16QAM	21.89	23.39
LTE Band12	1.4	23173	1	#Mid	16QAM	22.06	23.56
LTE Band12	1.4	23173	1	#Max	16QAM	21.88	23.38
LTE Band12	1.4	23173	3	#0	16QAM	22.19	23.69
LTE Band12	1.4	23173	3	#Mid	16QAM	22.19	23.69

LTE Band12	1.4	23173	3	#Max	16QAM	22.16	23.66
LTE Band12	1.4	23173	6	#0	16QAM	21.42	22.92
LTE Band12	3	23025	1	#0	QPSK	23.16	24.66
LTE Band12	3	23025	1	#Mid	QPSK	23.25	24.75
LTE Band12	3	23025	1	#Max	QPSK	23.19	24.69
LTE Band12	3	23025	8	#0	QPSK	22.23	23.73
LTE Band12	3	23025	8	#Mid	QPSK	22.23	23.73
LTE Band12	3	23025	8	#Max	QPSK	22.36	23.86
LTE Band12	3	23025	15	#0	QPSK	22.35	23.85
LTE Band12	3	23025	1	#0	16QAM	22.40	23.90
LTE Band12	3	23025	1	#Mid	16QAM	22.52	24.02
LTE Band12	3	23025	1	#Max	16QAM	22.48	23.98
LTE Band12	3	23025	8	#0	16QAM	21.33	22.83
LTE Band12	3	23025	8	#Mid	16QAM	21.33	22.83
LTE Band12	3	23025	8	#Max	16QAM	21.37	22.87
LTE Band12	3	23025	15	#0	16QAM	21.11	22.61
LTE Band12	3	23095	1	#0	QPSK	23.47	24.97
LTE Band12	3	23095	1	#Mid	QPSK	23.46	24.96
LTE Band12	3	23095	1	#Max	QPSK	23.35	24.85
LTE Band12	3	23095	8	#0	QPSK	22.53	24.03
LTE Band12	3	23095	8	#Mid	QPSK	22.46	23.96
LTE Band12	3	23095	8	#Max	QPSK	22.52	24.02
LTE Band12	3	23095	15	#0	QPSK	22.53	24.03
LTE Band12	3	23095	1	#0	16QAM	22.82	24.32
LTE Band12	3	23095	1	#Mid	16QAM	22.92	24.42
LTE Band12	3	23095	1	#Max	16QAM	22.80	24.30
LTE Band12	3	23095	8	#0	16QAM	21.72	23.22
LTE Band12	3	23095	8	#Mid	16QAM	21.63	23.13
LTE Band12	3	23095	8	#Max	16QAM	21.70	23.20
LTE Band12	3	23095	15	#0	16QAM	21.67	23.17
LTE Band12	3	23165	1	#0	QPSK	23.28	24.78
LTE Band12	3	23165	1	#Mid	QPSK	23.32	24.82
LTE Band12	3	23165	1	#Max	QPSK	23.15	24.65
LTE Band12	3	23165	8	#0	QPSK	22.37	23.87
LTE Band12	3	23165	8	#Mid	QPSK	22.36	23.86
LTE Band12	3	23165	8	#Max	QPSK	22.28	23.78
LTE Band12	3	23165	15	#0	QPSK	22.26	23.76
LTE Band12	3	23165	1	#0	16QAM	22.03	23.53
LTE Band12	3	23165	1	#Mid	16QAM	22.24	23.74
LTE Band12	3	23165	1	#Max	16QAM	22.06	23.56
LTE Band12	3	23165	8	#0	16QAM	21.42	22.92
LTE Band12	3	23165	8	#Mid	16QAM	21.15	22.65
LTE Band12	3	23165	8	#Max	16QAM	20.98	22.48

LTE Band12	3	23165	15	#0	16QAM	21.14	22.64
LTE Band12	5	23035	1	#0	QPSK	22.97	24.47
LTE Band12	5	23035	1	#Mid	QPSK	23.13	24.63
LTE Band12	5	23035	1	#Max	QPSK	23.13	24.63
LTE Band12	5	23035	12	#0	QPSK	22.18	23.68
LTE Band12	5	23035	12	#Mid	QPSK	22.18	23.68
LTE Band12	5	23035	12	#Max	QPSK	22.30	23.80
LTE Band12	5	23035	25	#0	QPSK	22.32	23.82
LTE Band12	5	23035	1	#0	16QAM	22.17	23.67
LTE Band12	5	23035	1	#Mid	16QAM	22.07	23.57
LTE Band12	5	23035	1	#Max	16QAM	22.04	23.54
LTE Band12	5	23035	12	#0	16QAM	20.87	22.37
LTE Band12	5	23035	12	#Mid	16QAM	20.87	22.37
LTE Band12	5	23035	12	#Max	16QAM	20.86	22.36
LTE Band12	5	23035	25	#0	16QAM	21.03	22.53
LTE Band12	5	23095	1	#0	QPSK	22.94	24.44
LTE Band12	5	23095	1	#Mid	QPSK	23.08	24.58
LTE Band12	5	23095	1	#Max	QPSK	23.03	24.53
LTE Band12	5	23095	12	#0	QPSK	22.42	23.92
LTE Band12	5	23095	12	#Mid	QPSK	22.42	23.92
LTE Band12	5	23095	12	#Max	QPSK	22.48	23.98
LTE Band12	5	23095	25	#0	QPSK	22.49	23.99
LTE Band12	5	23095	1	#0	16QAM	22.68	24.18
LTE Band12	5	23095	1	#Mid	16QAM	23.08	24.58
LTE Band12	5	23095	1	#Max	16QAM	22.75	24.25
LTE Band12	5	23095	12	#0	16QAM	21.15	22.65
LTE Band12	5	23095	12	#Mid	16QAM	21.17	22.67
LTE Band12	5	23095	12	#Max	16QAM	21.23	22.73
LTE Band12	5	23095	25	#0	16QAM	21.35	22.85
LTE Band12	5	23155	1	#0	QPSK	22.98	24.48
LTE Band12	5	23155	1	#Mid	QPSK	23.21	24.71
LTE Band12	5	23155	1	#Max	QPSK	22.80	24.30
LTE Band12	5	23155	12	#0	QPSK	22.31	23.81
LTE Band12	5	23155	12	#Mid	QPSK	22.30	23.80
LTE Band12	5	23155	12	#Max	QPSK	22.19	23.69
LTE Band12	5	23155	25	#0	QPSK	22.31	23.81
LTE Band12	5	23155	1	#0	16QAM	22.16	23.66
LTE Band12	5	23155	1	#Mid	16QAM	22.17	23.67
LTE Band12	5	23155	1	#Max	16QAM	21.97	23.47
LTE Band12	5	23155	12	#0	16QAM	21.32	22.82
LTE Band12	5	23155	12	#Mid	16QAM	21.31	22.81
LTE Band12	5	23155	12	#Max	16QAM	21.26	22.76
LTE Band12	5	23155	25	#0	16QAM	21.12	22.62

LTE Band12	10	23060	1	#0	QPSK	23.01	24.51
LTE Band12	10	23060	1	#Mid	QPSK	23.40	24.90
LTE Band12	10	23060	1	#Max	QPSK	23.35	24.85
LTE Band12	10	23060	25	#0	QPSK	22.32	23.82
LTE Band12	10	23060	25	#Mid	QPSK	22.33	23.83
LTE Band12	10	23060	25	#Max	QPSK	22.36	23.86
LTE Band12	10	23060	50	#0	QPSK	22.39	23.89
LTE Band12	10	23060	1	#0	16QAM	22.43	23.93
LTE Band12	10	23060	1	#Mid	16QAM	22.59	24.09
LTE Band12	10	23060	1	#Max	16QAM	22.22	23.72
LTE Band12	10	23060	25	#0	16QAM	21.27	22.77
LTE Band12	10	23060	25	#Mid	16QAM	21.29	22.79
LTE Band12	10	23060	25	#Max	16QAM	21.33	22.83
LTE Band12	10	23060	50	#0	16QAM	21.26	22.76
LTE Band12	10	23095	1	#0	QPSK	23.17	24.67
LTE Band12	10	23095	1	#Mid	QPSK	23.44	24.94
LTE Band12	10	23095	1	#Max	QPSK	23.10	24.60
LTE Band12	10	23095	25	#0	QPSK	22.31	23.81
LTE Band12	10	23095	25	#Mid	QPSK	22.32	23.82
LTE Band12	10	23095	25	#Max	QPSK	22.34	23.84
LTE Band12	10	23095	50	#0	QPSK	22.40	23.90
LTE Band12	10	23095	1	#0	16QAM	22.98	24.48
LTE Band12	10	23095	1	#Mid	16QAM	22.90	24.40
LTE Band12	10	23095	1	#Max	16QAM	22.99	24.49
LTE Band12	10	23095	25	#0	16QAM	21.42	22.92
LTE Band12	10	23095	25	#Mid	16QAM	21.44	22.94
LTE Band12	10	23095	25	#Max	16QAM	21.49	22.99
LTE Band12	10	23095	50	#0	16QAM	21.37	22.87
LTE Band12	10	23130	1	#0	QPSK	23.29	24.79
LTE Band12	10	23130	1	#Mid	QPSK	23.66	25.16
LTE Band12	10	23130	1	#Max	QPSK	23.14	24.64
LTE Band12	10	23130	25	#0	QPSK	22.54	24.04
LTE Band12	10	23130	25	#Mid	QPSK	22.54	24.04
LTE Band12	10	23130	25	#Max	QPSK	22.30	23.80
LTE Band12	10	23130	50	#0	QPSK	22.36	23.86
LTE Band12	10	23130	1	#0	16QAM	22.19	23.69
LTE Band12	10	23130	1	#Mid	16QAM	22.39	23.89
LTE Band12	10	23130	1	#Max	16QAM	21.97	23.47
LTE Band12	10	23130	25	#0	16QAM	21.60	23.10
LTE Band12	10	23130	25	#Mid	16QAM	21.60	23.10
LTE Band12	10	23130	25	#Max	16QAM	21.37	22.87
LTE Band12	10	23130	50	#0	16QAM	21.24	22.74

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band13	5	23205	1	#0	QPSK	23.22	24.22
LTE Band13	5	23205	1	#Mid	QPSK	23.13	24.13
LTE Band13	5	23205	1	#Max	QPSK	23.31	24.31
LTE Band13	5	23205	12	#0	QPSK	22.51	23.51
LTE Band13	5	23205	12	#Mid	QPSK	22.48	23.48
LTE Band13	5	23205	12	#Max	QPSK	22.51	23.51
LTE Band13	5	23205	25	#0	QPSK	22.41	23.41
LTE Band13	5	23205	1	#0	16QAM	22.46	23.46
LTE Band13	5	23205	1	#Mid	16QAM	23.08	24.08
LTE Band13	5	23205	1	#Max	16QAM	23.18	24.18
LTE Band13	5	23205	12	#0	16QAM	21.13	22.13
LTE Band13	5	23205	12	#Mid	16QAM	21.15	22.15
LTE Band13	5	23205	12	#Max	16QAM	21.33	22.33
LTE Band13	5	23205	25	#0	16QAM	21.37	22.37
LTE Band13	5	23230	1	#0	QPSK	23.48	24.48
LTE Band13	5	23230	1	#Mid	QPSK	23.39	24.39
LTE Band13	5	23230	1	#Max	QPSK	23.07	24.07
LTE Band13	5	23230	12	#0	QPSK	22.50	23.50
LTE Band13	5	23230	12	#Mid	QPSK	22.48	23.48
LTE Band13	5	23230	12	#Max	QPSK	22.51	23.51
LTE Band13	5	23230	25	#0	QPSK	22.47	23.47
LTE Band13	5	23230	1	#0	16QAM	22.31	23.31
LTE Band13	5	23230	1	#Mid	16QAM	22.70	23.70
LTE Band13	5	23230	1	#Max	16QAM	21.36	22.36
LTE Band13	5	23230	12	#0	16QAM	21.49	22.49
LTE Band13	5	23230	12	#Mid	16QAM	21.48	22.48
LTE Band13	5	23230	12	#Max	16QAM	21.24	22.24
LTE Band13	5	23230	25	#0	16QAM	21.16	22.16
LTE Band13	5	23255	1	#0	QPSK	23.27	24.27
LTE Band13	5	23255	1	#Mid	QPSK	23.29	24.29
LTE Band13	5	23255	1	#Max	QPSK	23.01	24.01
LTE Band13	5	23255	12	#0	QPSK	22.46	23.46
LTE Band13	5	23255	12	#Mid	QPSK	22.40	23.40
LTE Band13	5	23255	12	#Max	QPSK	22.34	23.34
LTE Band13	5	23255	25	#0	QPSK	22.33	23.33
LTE Band13	5	23255	1	#0	16QAM	22.38	23.38
LTE Band13	5	23255	1	#Mid	16QAM	21.98	22.98
LTE Band13	5	23255	1	#Max	16QAM	21.89	22.89
LTE Band13	5	23255	12	#0	16QAM	21.32	22.32
LTE Band13	5	23255	12	#Mid	16QAM	21.29	22.29

LTE Band13	5	23255	12	#Max	16QAM	21.16	22.16
LTE Band13	5	23255	25	#0	16QAM	21.44	22.44
LTE Band13	10	23230	1	#0	QPSK	23.24	24.24
LTE Band13	10	23230	1	#Mid	QPSK	23.53	24.53
LTE Band13	10	23230	1	#Max	QPSK	23.07	24.07
LTE Band13	10	23230	25	#0	QPSK	22.53	23.53
LTE Band13	10	23230	25	#Mid	QPSK	22.47	23.47
LTE Band13	10	23230	25	#Max	QPSK	22.39	23.39
LTE Band13	10	23230	50	#0	QPSK	22.41	23.41
LTE Band13	10	23230	1	#0	16QAM	22.62	23.62
LTE Band13	10	23230	1	#Mid	16QAM	22.57	23.57
LTE Band13	10	23230	1	#Max	16QAM	22.20	23.20
LTE Band13	10	23230	25	#0	16QAM	21.60	22.60
LTE Band13	10	23230	25	#Mid	16QAM	21.56	22.56
LTE Band13	10	23230	25	#Max	16QAM	21.39	22.39
LTE Band13	10	23230	50	#0	16QAM	21.19	22.19

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band17	5	23755	1	#0	QPSK	23.04	24.54
LTE Band17	5	23755	1	#Mid	QPSK	23.12	24.62
LTE Band17	5	23755	1	#Max	QPSK	23.00	24.50
LTE Band17	5	23755	12	#0	QPSK	22.34	23.84
LTE Band17	5	23755	12	#Mid	QPSK	22.35	23.85
LTE Band17	5	23755	12	#Max	QPSK	22.30	23.80
LTE Band17	5	23755	25	#0	QPSK	22.33	23.83
LTE Band17	5	23755	1	#0	16QAM	22.61	24.11
LTE Band17	5	23755	1	#Mid	16QAM	22.96	24.46
LTE Band17	5	23755	1	#Max	16QAM	22.81	24.31
LTE Band17	5	23755	12	#0	16QAM	21.01	22.51
LTE Band17	5	23755	12	#Mid	16QAM	20.96	22.46
LTE Band17	5	23755	12	#Max	16QAM	20.98	22.48
LTE Band17	5	23755	25	#0	16QAM	21.06	22.56
LTE Band17	5	23790	1	#0	QPSK	22.94	24.44
LTE Band17	5	23790	1	#Mid	QPSK	23.28	24.78
LTE Band17	5	23790	1	#Max	QPSK	22.96	24.46
LTE Band17	5	23790	12	#0	QPSK	22.20	23.70
LTE Band17	5	23790	12	#Mid	QPSK	22.19	23.69
LTE Band17	5	23790	12	#Max	QPSK	22.23	23.73
LTE Band17	5	23790	25	#0	QPSK	22.25	23.75
LTE Band17	5	23790	1	#0	16QAM	22.08	23.58
LTE Band17	5	23790	1	#Mid	16QAM	22.54	24.04
LTE Band17	5	23790	1	#Max	16QAM	22.15	23.65

LTE Band17	5	23790	12	#0	16QAM	21.28	22.78
LTE Band17	5	23790	12	#Mid	16QAM	21.26	22.76
LTE Band17	5	23790	12	#Max	16QAM	21.11	22.61
LTE Band17	5	23790	25	#0	16QAM	20.99	22.49
LTE Band17	5	23825	1	#0	QPSK	22.95	24.45
LTE Band17	5	23825	1	#Mid	QPSK	22.98	24.48
LTE Band17	5	23825	1	#Max	QPSK	23.07	24.57
LTE Band17	5	23825	12	#0	QPSK	22.22	23.72
LTE Band17	5	23825	12	#Mid	QPSK	22.22	23.72
LTE Band17	5	23825	12	#Max	QPSK	22.16	23.66
LTE Band17	5	23825	25	#0	QPSK	22.14	23.64
LTE Band17	5	23825	1	#0	16QAM	22.23	23.73
LTE Band17	5	23825	1	#Mid	16QAM	22.15	23.65
LTE Band17	5	23825	1	#Max	16QAM	21.79	23.29
LTE Band17	5	23825	12	#0	16QAM	20.98	22.48
LTE Band17	5	23825	12	#Mid	16QAM	21.13	22.63
LTE Band17	5	23825	12	#Max	16QAM	21.03	22.53
LTE Band17	5	23825	25	#0	16QAM	21.00	22.50
LTE Band17	10	23780	1	#0	QPSK	23.27	24.77
LTE Band17	10	23780	1	#Mid	QPSK	23.46	24.96
LTE Band17	10	23780	1	#Max	QPSK	23.26	24.76
LTE Band17	10	23780	25	#0	QPSK	22.38	23.88
LTE Band17	10	23780	25	#Mid	QPSK	22.38	23.88
LTE Band17	10	23780	25	#Max	QPSK	22.32	23.82
LTE Band17	10	23780	50	#0	QPSK	22.29	23.79
LTE Band17	10	23780	1	#0	16QAM	22.54	24.04
LTE Band17	10	23780	1	#Mid	16QAM	22.54	24.04
LTE Band17	10	23780	1	#Max	16QAM	21.67	23.17
LTE Band17	10	23780	25	#0	16QAM	21.20	22.70
LTE Band17	10	23780	25	#Mid	16QAM	21.20	22.70
LTE Band17	10	23780	25	#Max	16QAM	21.39	22.89
LTE Band17	10	23780	50	#0	16QAM	21.36	22.86
LTE Band17	10	23790	1	#0	QPSK	23.24	24.74
LTE Band17	10	23790	1	#Mid	QPSK	23.25	24.75
LTE Band17	10	23790	1	#Max	QPSK	23.14	24.64
LTE Band17	10	23790	25	#0	QPSK	22.26	23.76
LTE Band17	10	23790	25	#Mid	QPSK	22.26	23.76
LTE Band17	10	23790	25	#Max	QPSK	22.22	23.72
LTE Band17	10	23790	50	#0	QPSK	22.24	23.74
LTE Band17	10	23790	1	#0	16QAM	22.98	24.48
LTE Band17	10	23790	1	#Mid	16QAM	22.69	24.19
LTE Band17	10	23790	1	#Max	16QAM	22.92	24.42
LTE Band17	10	23790	25	#0	16QAM	21.28	22.78

LTE Band17	10	23790	25	#Mid	16QAM	21.29	22.79
LTE Band17	10	23790	25	#Max	16QAM	21.24	22.74
LTE Band17	10	23790	50	#0	16QAM	21.04	22.54
LTE Band17	10	23800	1	#0	QPSK	23.17	24.67
LTE Band17	10	23800	1	#Mid	QPSK	23.66	25.16
LTE Band17	10	23800	1	#Max	QPSK	23.12	24.62
LTE Band17	10	23800	25	#0	QPSK	22.27	23.77
LTE Band17	10	23800	25	#Mid	QPSK	22.22	23.72
LTE Band17	10	23800	25	#Max	QPSK	22.20	23.70
LTE Band17	10	23800	50	#0	QPSK	22.26	23.76
LTE Band17	10	23800	1	#0	16QAM	21.97	23.47
LTE Band17	10	23800	1	#Mid	16QAM	21.99	23.49
LTE Band17	10	23800	1	#Max	16QAM	21.78	23.28
LTE Band17	10	23800	25	#0	16QAM	21.35	22.85
LTE Band17	10	23800	25	#Mid	16QAM	21.35	22.85
LTE Band17	10	23800	25	#Max	16QAM	21.14	22.64
LTE Band17	10	23800	50	#0	16QAM	21.04	22.54

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band25	1.4	26047	1	#0	QPSK	23.15	27.17
LTE Band25	1.4	26047	1	#Mid	QPSK	23.14	27.16
LTE Band25	1.4	26047	1	#Max	QPSK	23.12	27.14
LTE Band25	1.4	26047	3	#0	QPSK	23.11	27.13
LTE Band25	1.4	26047	3	#Mid	QPSK	23.11	27.13
LTE Band25	1.4	26047	3	#Max	QPSK	23.17	27.19
LTE Band25	1.4	26047	6	#0	QPSK	21.99	26.01
LTE Band25	1.4	26047	1	#0	16QAM	22.18	26.20
LTE Band25	1.4	26047	1	#Mid	16QAM	22.31	26.33
LTE Band25	1.4	26047	1	#Max	16QAM	22.14	26.16
LTE Band25	1.4	26047	3	#0	16QAM	21.73	25.75
LTE Band25	1.4	26047	3	#Mid	16QAM	21.96	25.98
LTE Band25	1.4	26047	3	#Max	16QAM	22.10	26.12
LTE Band25	1.4	26047	6	#0	16QAM	20.94	24.96
LTE Band25	1.4	26365	1	#0	QPSK	22.48	26.50
LTE Band25	1.4	26365	1	#Mid	QPSK	23.02	27.04
LTE Band25	1.4	26365	1	#Max	QPSK	22.84	26.86
LTE Band25	1.4	26365	3	#0	QPSK	22.70	26.72
LTE Band25	1.4	26365	3	#Mid	QPSK	22.94	26.96
LTE Band25	1.4	26365	3	#Max	QPSK	22.82	26.84
LTE Band25	1.4	26365	6	#0	QPSK	21.64	25.66
LTE Band25	1.4	26365	1	#0	16QAM	22.42	26.44
LTE Band25	1.4	26365	1	#Mid	16QAM	22.52	26.54

LTE Band25	1.4	26365	1	#Max	16QAM	22.43	26.45
LTE Band25	1.4	26365	3	#0	16QAM	21.55	25.57
LTE Band25	1.4	26365	3	#Mid	16QAM	21.60	25.62
LTE Band25	1.4	26365	3	#Max	16QAM	21.95	25.97
LTE Band25	1.4	26365	6	#0	16QAM	20.43	24.45
LTE Band25	1.4	26683	1	#0	QPSK	22.89	26.91
LTE Band25	1.4	26683	1	#Mid	QPSK	22.94	26.96
LTE Band25	1.4	26683	1	#Max	QPSK	22.82	26.84
LTE Band25	1.4	26683	3	#0	QPSK	22.87	26.89
LTE Band25	1.4	26683	3	#Mid	QPSK	22.75	26.77
LTE Band25	1.4	26683	3	#Max	QPSK	22.70	26.72
LTE Band25	1.4	26683	6	#0	QPSK	22.02	26.04
LTE Band25	1.4	26683	1	#0	16QAM	21.90	25.92
LTE Band25	1.4	26683	1	#Mid	16QAM	21.86	25.88
LTE Band25	1.4	26683	1	#Max	16QAM	21.47	25.49
LTE Band25	1.4	26683	3	#0	16QAM	21.87	25.89
LTE Band25	1.4	26683	3	#Mid	16QAM	21.99	26.01
LTE Band25	1.4	26683	3	#Max	16QAM	21.80	25.82
LTE Band25	1.4	26683	6	#0	16QAM	20.93	24.95
LTE Band25	3	26055	1	#0	QPSK	23.15	27.17
LTE Band25	3	26055	1	#Mid	QPSK	23.18	27.20
LTE Band25	3	26055	1	#Max	QPSK	23.13	27.15
LTE Band25	3	26055	8	#0	QPSK	22.09	26.11
LTE Band25	3	26055	8	#Mid	QPSK	22.09	26.11
LTE Band25	3	26055	8	#Max	QPSK	22.06	26.08
LTE Band25	3	26055	15	#0	QPSK	22.02	26.04
LTE Band25	3	26055	1	#0	16QAM	22.13	26.15
LTE Band25	3	26055	1	#Mid	16QAM	22.17	26.19
LTE Band25	3	26055	1	#Max	16QAM	22.16	26.18
LTE Band25	3	26055	8	#0	16QAM	20.90	24.92
LTE Band25	3	26055	8	#Mid	16QAM	20.92	24.94
LTE Band25	3	26055	8	#Max	16QAM	20.78	24.80
LTE Band25	3	26055	15	#0	16QAM	20.72	24.74
LTE Band25	3	26365	1	#0	QPSK	22.53	26.55
LTE Band25	3	26365	1	#Mid	QPSK	22.54	26.56
LTE Band25	3	26365	1	#Max	QPSK	22.48	26.50
LTE Band25	3	26365	8	#0	QPSK	21.87	25.89
LTE Band25	3	26365	8	#Mid	QPSK	21.89	25.91
LTE Band25	3	26365	8	#Max	QPSK	21.77	25.79
LTE Band25	3	26365	15	#0	QPSK	21.75	25.77
LTE Band25	3	26365	1	#0	16QAM	22.44	26.46
LTE Band25	3	26365	1	#Mid	16QAM	22.15	26.17
LTE Band25	3	26365	1	#Max	16QAM	22.10	26.12

LTE Band25	3	26365	8	#0	16QAM	20.61	24.63
LTE Band25	3	26365	8	#Mid	16QAM	20.62	24.64
LTE Band25	3	26365	8	#Max	16QAM	20.60	24.62
LTE Band25	3	26365	15	#0	16QAM	20.60	24.62
LTE Band25	3	26675	1	#0	QPSK	23.05	27.07
LTE Band25	3	26675	1	#Mid	QPSK	22.99	27.01
LTE Band25	3	26675	1	#Max	QPSK	23.02	27.04
LTE Band25	3	26675	8	#0	QPSK	21.90	25.92
LTE Band25	3	26675	8	#Mid	QPSK	21.90	25.92
LTE Band25	3	26675	8	#Max	QPSK	21.90	25.92
LTE Band25	3	26675	15	#0	QPSK	21.97	25.99
LTE Band25	3	26675	1	#0	16QAM	21.67	25.69
LTE Band25	3	26675	1	#Mid	16QAM	22.03	26.05
LTE Band25	3	26675	1	#Max	16QAM	21.63	25.65
LTE Band25	3	26675	8	#0	16QAM	21.01	25.03
LTE Band25	3	26675	8	#Mid	16QAM	20.82	24.84
LTE Band25	3	26675	8	#Max	16QAM	20.76	24.78
LTE Band25	3	26675	15	#0	16QAM	20.95	24.97
LTE Band25	5	26065	1	#0	QPSK	22.92	26.94
LTE Band25	5	26065	1	#Mid	QPSK	22.80	26.82
LTE Band25	5	26065	1	#Max	QPSK	22.69	26.71
LTE Band25	5	26065	12	#0	QPSK	22.01	26.03
LTE Band25	5	26065	12	#Mid	QPSK	22.01	26.03
LTE Band25	5	26065	12	#Max	QPSK	21.98	26.00
LTE Band25	5	26065	25	#0	QPSK	22.03	26.05
LTE Band25	5	26065	1	#0	16QAM	21.86	25.88
LTE Band25	5	26065	1	#Mid	16QAM	22.46	26.48
LTE Band25	5	26065	1	#Max	16QAM	21.92	25.94
LTE Band25	5	26065	12	#0	16QAM	20.94	24.96
LTE Band25	5	26065	12	#Mid	16QAM	20.95	24.97
LTE Band25	5	26065	12	#Max	16QAM	20.91	24.93
LTE Band25	5	26065	25	#0	16QAM	20.94	24.96
LTE Band25	5	26365	1	#0	QPSK	22.63	26.65
LTE Band25	5	26365	1	#Mid	QPSK	22.55	26.57
LTE Band25	5	26365	1	#Max	QPSK	22.52	26.54
LTE Band25	5	26365	12	#0	QPSK	21.80	25.82
LTE Band25	5	26365	12	#Mid	QPSK	21.81	25.83
LTE Band25	5	26365	12	#Max	QPSK	21.76	25.78
LTE Band25	5	26365	25	#0	QPSK	21.77	25.79
LTE Band25	5	26365	1	#0	16QAM	21.73	25.75
LTE Band25	5	26365	1	#Mid	16QAM	22.37	26.39
LTE Band25	5	26365	1	#Max	16QAM	21.86	25.88
LTE Band25	5	26365	12	#0	16QAM	20.49	24.51

LTE Band25	5	26365	12	#Mid	16QAM	20.51	24.53
LTE Band25	5	26365	12	#Max	16QAM	20.55	24.57
LTE Band25	5	26365	25	#0	16QAM	20.68	24.70
LTE Band25	5	26665	1	#0	QPSK	22.96	26.98
LTE Band25	5	26665	1	#Mid	QPSK	22.66	26.68
LTE Band25	5	26665	1	#Max	QPSK	22.85	26.87
LTE Band25	5	26665	12	#0	QPSK	21.96	25.98
LTE Band25	5	26665	12	#Mid	QPSK	21.94	25.96
LTE Band25	5	26665	12	#Max	QPSK	21.92	25.94
LTE Band25	5	26665	25	#0	QPSK	21.92	25.94
LTE Band25	5	26665	1	#0	16QAM	21.80	25.82
LTE Band25	5	26665	1	#Mid	16QAM	21.71	25.73
LTE Band25	5	26665	1	#Max	16QAM	21.68	25.70
LTE Band25	5	26665	12	#0	16QAM	20.60	24.62
LTE Band25	5	26665	12	#Mid	16QAM	20.59	24.61
LTE Band25	5	26665	12	#Max	16QAM	21.07	25.09
LTE Band25	5	26665	25	#0	16QAM	20.90	24.92
LTE Band25	10	26090	1	#0	QPSK	23.52	27.54
LTE Band25	10	26090	1	#Mid	QPSK	23.13	27.15
LTE Band25	10	26090	1	#Max	QPSK	23.02	27.04
LTE Band25	10	26090	25	#0	QPSK	22.04	26.06
LTE Band25	10	26090	25	#Mid	QPSK	22.04	26.06
LTE Band25	10	26090	25	#Max	QPSK	21.92	25.94
LTE Band25	10	26090	50	#0	QPSK	21.98	26.00
LTE Band25	10	26090	1	#0	16QAM	21.91	25.93
LTE Band25	10	26090	1	#Mid	16QAM	22.81	26.83
LTE Band25	10	26090	1	#Max	16QAM	22.81	26.83
LTE Band25	10	26090	25	#0	16QAM	21.12	25.14
LTE Band25	10	26090	25	#Mid	16QAM	21.13	25.15
LTE Band25	10	26090	25	#Max	16QAM	21.13	25.15
LTE Band25	10	26090	50	#0	16QAM	21.01	25.03
LTE Band25	10	26365	1	#0	QPSK	22.82	26.84
LTE Band25	10	26365	1	#Mid	QPSK	22.63	26.65
LTE Band25	10	26365	1	#Max	QPSK	22.72	26.74
LTE Band25	10	26365	25	#0	QPSK	21.78	25.80
LTE Band25	10	26365	25	#Mid	QPSK	21.79	25.81
LTE Band25	10	26365	25	#Max	QPSK	21.71	25.73
LTE Band25	10	26365	50	#0	QPSK	21.74	25.76
LTE Band25	10	26365	1	#0	16QAM	22.53	26.55
LTE Band25	10	26365	1	#Mid	16QAM	22.23	26.25
LTE Band25	10	26365	1	#Max	16QAM	22.61	26.63
LTE Band25	10	26365	25	#0	16QAM	21.03	25.05
LTE Band25	10	26365	25	#Mid	16QAM	21.05	25.07

LTE Band25	10	26365	25	#Max	16QAM	20.96	24.98
LTE Band25	10	26365	50	#0	16QAM	20.76	24.78
LTE Band25	10	26640	1	#0	QPSK	22.99	27.01
LTE Band25	10	26640	1	#Mid	QPSK	23.33	27.35
LTE Band25	10	26640	1	#Max	QPSK	23.03	27.05
LTE Band25	10	26640	25	#0	QPSK	22.01	26.03
LTE Band25	10	26640	25	#Mid	QPSK	22.00	26.02
LTE Band25	10	26640	25	#Max	QPSK	21.98	26.00
LTE Band25	10	26640	50	#0	QPSK	21.93	25.95
LTE Band25	10	26640	1	#0	16QAM	21.71	25.73
LTE Band25	10	26640	1	#Mid	16QAM	22.60	26.62
LTE Band25	10	26640	1	#Max	16QAM	21.75	25.77
LTE Band25	10	26640	25	#0	16QAM	20.68	24.70
LTE Band25	10	26640	25	#Mid	16QAM	20.82	24.84
LTE Band25	10	26640	25	#Max	16QAM	21.21	25.23
LTE Band25	10	26640	50	#0	16QAM	20.71	24.73
LTE Band25	15	26115	1	#0	QPSK	23.14	27.16
LTE Band25	15	26115	1	#Mid	QPSK	22.95	26.97
LTE Band25	15	26115	1	#Max	QPSK	22.90	26.92
LTE Band25	15	26115	36	#0	QPSK	22.05	26.07
LTE Band25	15	26115	36	#Mid	QPSK	22.03	26.05
LTE Band25	15	26115	36	#Max	QPSK	21.98	26.00
LTE Band25	15	26115	75	#0	QPSK	21.98	26.00
LTE Band25	15	26115	1	#0	16QAM	22.17	26.19
LTE Band25	15	26115	1	#Mid	16QAM	22.20	26.22
LTE Band25	15	26115	1	#Max	16QAM	22.05	26.07
LTE Band25	15	26115	36	#0	16QAM	20.98	25.00
LTE Band25	15	26115	36	#Mid	16QAM	20.96	24.98
LTE Band25	15	26115	36	#Max	16QAM	21.02	25.04
LTE Band25	15	26115	75	#0	16QAM	21.03	25.05
LTE Band25	15	26365	1	#0	QPSK	22.74	26.76
LTE Band25	15	26365	1	#Mid	QPSK	22.87	26.89
LTE Band25	15	26365	1	#Max	QPSK	22.66	26.68
LTE Band25	15	26365	36	#0	QPSK	21.82	25.84
LTE Band25	15	26365	36	#Mid	QPSK	21.83	25.85
LTE Band25	15	26365	36	#Max	QPSK	21.71	25.73
LTE Band25	15	26365	75	#0	QPSK	21.76	25.78
LTE Band25	15	26365	1	#0	16QAM	22.33	26.35
LTE Band25	15	26365	1	#Mid	16QAM	22.45	26.47
LTE Band25	15	26365	1	#Max	16QAM	22.37	26.39
LTE Band25	15	26365	36	#0	16QAM	20.56	24.58
LTE Band25	15	26365	36	#Mid	16QAM	20.59	24.61
LTE Band25	15	26365	36	#Max	16QAM	20.94	24.96

LTE Band25	15	26365	75	#0	16QAM	20.69	24.71
LTE Band25	15	26615	1	#0	QPSK	22.89	26.91
LTE Band25	15	26615	1	#Mid	QPSK	22.78	26.80
LTE Band25	15	26615	1	#Max	QPSK	22.77	26.79
LTE Band25	15	26615	36	#0	QPSK	21.91	25.93
LTE Band25	15	26615	36	#Mid	QPSK	21.92	25.94
LTE Band25	15	26615	36	#Max	QPSK	21.88	25.90
LTE Band25	15	26615	75	#0	QPSK	21.93	25.95
LTE Band25	15	26615	1	#0	16QAM	21.88	25.90
LTE Band25	15	26615	1	#Mid	16QAM	21.82	25.84
LTE Band25	15	26615	1	#Max	16QAM	21.77	25.79
LTE Band25	15	26615	36	#0	16QAM	20.82	24.84
LTE Band25	15	26615	36	#Mid	16QAM	20.87	24.89
LTE Band25	15	26615	36	#Max	16QAM	20.87	24.89
LTE Band25	15	26615	75	#0	16QAM	20.97	24.99
LTE Band25	20	26140	1	#0	QPSK	22.87	26.89
LTE Band25	20	26140	1	#Mid	QPSK	23.17	27.19
LTE Band25	20	26140	1	#Max	QPSK	22.65	26.67
LTE Band25	20	26140	50	#0	QPSK	21.95	25.97
LTE Band25	20	26140	50	#Mid	QPSK	22.03	26.05
LTE Band25	20	26140	50	#Max	QPSK	21.87	25.89
LTE Band25	20	26140	100	#0	QPSK	21.90	25.92
LTE Band25	20	26140	1	#0	16QAM	22.05	26.07
LTE Band25	20	26140	1	#Mid	16QAM	22.72	26.74
LTE Band25	20	26140	1	#Max	16QAM	21.91	25.93
LTE Band25	20	26140	50	#0	16QAM	21.09	25.11
LTE Band25	20	26140	50	#Mid	16QAM	21.09	25.11
LTE Band25	20	26140	50	#Max	16QAM	21.05	25.07
LTE Band25	20	26140	100	#0	16QAM	20.90	24.92
LTE Band25	20	26365	1	#0	QPSK	22.91	26.93
LTE Band25	20	26365	1	#Mid	QPSK	23.08	27.10
LTE Band25	20	26365	1	#Max	QPSK	23.08	27.10
LTE Band25	20	26365	50	#0	QPSK	21.75	25.77
LTE Band25	20	26365	50	#Mid	QPSK	21.77	25.79
LTE Band25	20	26365	50	#Max	QPSK	21.79	25.81
LTE Band25	20	26365	100	#0	QPSK	21.76	25.78
LTE Band25	20	26365	1	#0	16QAM	21.03	25.05
LTE Band25	20	26365	1	#Mid	16QAM	20.98	25.00
LTE Band25	20	26365	1	#Max	16QAM	21.45	25.47
LTE Band25	20	26365	50	#0	16QAM	20.74	24.76
LTE Band25	20	26365	50	#Mid	16QAM	20.69	24.71
LTE Band25	20	26365	50	#Max	16QAM	20.70	24.72
LTE Band25	20	26365	100	#0	16QAM	20.74	24.76

LTE Band25	20	26590	1	#0	QPSK	22.77	26.79
LTE Band25	20	26590	1	#Mid	QPSK	22.98	27.00
LTE Band25	20	26590	1	#Max	QPSK	22.73	26.75
LTE Band25	20	26590	50	#0	QPSK	21.94	25.96
LTE Band25	20	26590	50	#Mid	QPSK	21.94	25.96
LTE Band25	20	26590	50	#Max	QPSK	21.81	25.83
LTE Band25	20	26590	100	#0	QPSK	21.92	25.94
LTE Band25	20	26590	1	#0	16QAM	21.89	25.91
LTE Band25	20	26590	1	#Mid	16QAM	21.37	25.39
LTE Band25	20	26590	1	#Max	16QAM	21.84	25.86
LTE Band25	20	26590	50	#0	16QAM	21.01	25.03
LTE Band25	20	26590	50	#Mid	16QAM	20.95	24.97
LTE Band25	20	26590	50	#Max	16QAM	20.72	24.74
LTE Band25	20	26590	100	#0	16QAM	20.90	24.92

Part 22:

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band26	1.4	26797	1	#0	QPSK	23.51	24.88
LTE Band26	1.4	26797	1	#Mid	QPSK	23.64	25.01
LTE Band26	1.4	26797	1	#Max	QPSK	23.58	24.95
LTE Band26	1.4	26797	3	#0	QPSK	23.49	24.86
LTE Band26	1.4	26797	3	#Mid	QPSK	23.49	24.86
LTE Band26	1.4	26797	3	#Max	QPSK	23.43	24.80
LTE Band26	1.4	26797	6	#0	QPSK	22.45	23.82
LTE Band26	1.4	26797	1	#0	16QAM	22.62	23.99
LTE Band26	1.4	26797	1	#Mid	16QAM	23.01	24.38
LTE Band26	1.4	26797	1	#Max	16QAM	22.66	24.03
LTE Band26	1.4	26797	3	#0	16QAM	22.55	23.92
LTE Band26	1.4	26797	3	#Mid	16QAM	22.55	23.92
LTE Band26	1.4	26797	3	#Max	16QAM	22.53	23.90
LTE Band26	1.4	26797	6	#0	16QAM	21.29	22.66
LTE Band26	1.4	26915	1	#0	QPSK	23.32	24.69
LTE Band26	1.4	26915	1	#Mid	QPSK	23.32	24.69
LTE Band26	1.4	26915	1	#Max	QPSK	23.40	24.77
LTE Band26	1.4	26915	3	#0	QPSK	23.44	24.81
LTE Band26	1.4	26915	3	#Mid	QPSK	23.44	24.81
LTE Band26	1.4	26915	3	#Max	QPSK	23.64	25.01
LTE Band26	1.4	26915	6	#0	QPSK	22.51	23.88
LTE Band26	1.4	26915	1	#0	16QAM	22.64	24.01
LTE Band26	1.4	26915	1	#Mid	16QAM	22.85	24.22
LTE Band26	1.4	26915	1	#Max	16QAM	22.76	24.13
LTE Band26	1.4	26915	3	#0	16QAM	22.50	23.87

LTE Band26	1.4	26915	3	#Mid	16QAM	22.51	23.88
LTE Band26	1.4	26915	3	#Max	16QAM	22.51	23.88
LTE Band26	1.4	26915	6	#0	16QAM	21.18	22.55
LTE Band26	1.4	27033	1	#0	QPSK	23.46	24.83
LTE Band26	1.4	27033	1	#Mid	QPSK	23.33	24.70
LTE Band26	1.4	27033	1	#Max	QPSK	23.42	24.79
LTE Band26	1.4	27033	3	#0	QPSK	23.50	24.87
LTE Band26	1.4	27033	3	#Mid	QPSK	23.51	24.88
LTE Band26	1.4	27033	3	#Max	QPSK	23.32	24.69
LTE Band26	1.4	27033	6	#0	QPSK	22.43	23.80
LTE Band26	1.4	27033	1	#0	16QAM	22.21	23.58
LTE Band26	1.4	27033	1	#Mid	16QAM	22.07	23.44
LTE Band26	1.4	27033	1	#Max	16QAM	21.95	23.32
LTE Band26	1.4	27033	3	#0	16QAM	22.48	23.85
LTE Band26	1.4	27033	3	#Mid	16QAM	22.40	23.77
LTE Band26	1.4	27033	3	#Max	16QAM	22.41	23.78
LTE Band26	1.4	27033	6	#0	16QAM	21.60	22.97
LTE Band26	3	26805	1	#0	QPSK	23.30	24.67
LTE Band26	3	26805	1	#Mid	QPSK	23.33	24.70
LTE Band26	3	26805	1	#Max	QPSK	23.39	24.76
LTE Band26	3	26805	8	#0	QPSK	22.53	23.90
LTE Band26	3	26805	8	#Mid	QPSK	22.54	23.91
LTE Band26	3	26805	8	#Max	QPSK	22.46	23.83
LTE Band26	3	26805	15	#0	QPSK	22.51	23.88
LTE Band26	3	26805	1	#0	16QAM	22.54	23.91
LTE Band26	3	26805	1	#Mid	16QAM	22.70	24.07
LTE Band26	3	26805	1	#Max	16QAM	22.60	23.97
LTE Band26	3	26805	8	#0	16QAM	21.66	23.03
LTE Band26	3	26805	8	#Mid	16QAM	21.67	23.04
LTE Band26	3	26805	8	#Max	16QAM	21.69	23.06
LTE Band26	3	26805	15	#0	16QAM	21.43	22.80
LTE Band26	3	26915	1	#0	QPSK	23.55	24.92
LTE Band26	3	26915	1	#Mid	QPSK	23.52	24.89
LTE Band26	3	26915	1	#Max	QPSK	23.50	24.87
LTE Band26	3	26915	8	#0	QPSK	22.57	23.94
LTE Band26	3	26915	8	#Mid	QPSK	22.58	23.95
LTE Band26	3	26915	8	#Max	QPSK	22.52	23.89
LTE Band26	3	26915	15	#0	QPSK	22.57	23.94
LTE Band26	3	26915	1	#0	16QAM	23.11	24.48
LTE Band26	3	26915	1	#Mid	16QAM	23.12	24.49
LTE Band26	3	26915	1	#Max	16QAM	22.89	24.26
LTE Band26	3	26915	8	#0	16QAM	21.78	23.15
LTE Band26	3	26915	8	#Mid	16QAM	21.78	23.15

LTE Band26	3	26915	8	#Max	16QAM	21.77	23.14
LTE Band26	3	26915	15	#0	16QAM	21.68	23.05
LTE Band26	3	27025	1	#0	QPSK	23.41	24.78
LTE Band26	3	27025	1	#Mid	QPSK	23.42	24.79
LTE Band26	3	27025	1	#Max	QPSK	23.38	24.75
LTE Band26	3	27025	8	#0	QPSK	22.45	23.82
LTE Band26	3	27025	8	#Mid	QPSK	22.49	23.86
LTE Band26	3	27025	8	#Max	QPSK	22.55	23.92
LTE Band26	3	27025	15	#0	QPSK	22.46	23.83
LTE Band26	3	27025	1	#0	16QAM	22.23	23.60
LTE Band26	3	27025	1	#Mid	16QAM	22.14	23.51
LTE Band26	3	27025	1	#Max	16QAM	22.17	23.54
LTE Band26	3	27025	8	#0	16QAM	21.64	23.01
LTE Band26	3	27025	8	#Mid	16QAM	21.52	22.89
LTE Band26	3	27025	8	#Max	16QAM	21.20	22.57
LTE Band26	3	27025	15	#0	16QAM	21.39	22.76
LTE Band26	5	26815	1	#0	QPSK	23.11	24.48
LTE Band26	5	26815	1	#Mid	QPSK	23.30	24.67
LTE Band26	5	26815	1	#Max	QPSK	23.38	24.75
LTE Band26	5	26815	12	#0	QPSK	22.54	23.91
LTE Band26	5	26815	12	#Mid	QPSK	22.45	23.82
LTE Band26	5	26815	12	#Max	QPSK	22.58	23.95
LTE Band26	5	26815	25	#0	QPSK	22.48	23.85
LTE Band26	5	26815	1	#0	16QAM	22.45	23.82
LTE Band26	5	26815	1	#Mid	16QAM	22.21	23.58
LTE Band26	5	26815	1	#Max	16QAM	22.06	23.43
LTE Band26	5	26815	12	#0	16QAM	21.35	22.72
LTE Band26	5	26815	12	#Mid	16QAM	21.36	22.73
LTE Band26	5	26815	12	#Max	16QAM	21.37	22.74
LTE Band26	5	26815	25	#0	16QAM	21.42	22.79
LTE Band26	5	26915	1	#0	QPSK	23.48	24.85
LTE Band26	5	26915	1	#Mid	QPSK	23.43	24.80
LTE Band26	5	26915	1	#Max	QPSK	23.13	24.50
LTE Band26	5	26915	12	#0	QPSK	22.61	23.98
LTE Band26	5	26915	12	#Mid	QPSK	22.61	23.98
LTE Band26	5	26915	12	#Max	QPSK	22.57	23.94
LTE Band26	5	26915	25	#0	QPSK	22.51	23.88
LTE Band26	5	26915	1	#0	16QAM	22.64	24.01
LTE Band26	5	26915	1	#Mid	16QAM	23.01	24.38
LTE Band26	5	26915	1	#Max	16QAM	22.82	24.19
LTE Band26	5	26915	12	#0	16QAM	21.40	22.77
LTE Band26	5	26915	12	#Mid	16QAM	21.41	22.78
LTE Band26	5	26915	12	#Max	16QAM	21.39	22.76

LTE Band26	5	26915	25	#0	16QAM	21.50	22.87
LTE Band26	5	27015	1	#0	QPSK	23.12	24.49
LTE Band26	5	27015	1	#Mid	QPSK	23.13	24.50
LTE Band26	5	27015	1	#Max	QPSK	23.06	24.43
LTE Band26	5	27015	12	#0	QPSK	22.50	23.87
LTE Band26	5	27015	12	#Mid	QPSK	22.44	23.81
LTE Band26	5	27015	12	#Max	QPSK	22.38	23.75
LTE Band26	5	27015	25	#0	QPSK	22.47	23.84
LTE Band26	5	27015	1	#0	16QAM	22.31	23.68
LTE Band26	5	27015	1	#Mid	16QAM	22.27	23.64
LTE Band26	5	27015	1	#Max	16QAM	22.23	23.60
LTE Band26	5	27015	12	#0	16QAM	21.58	22.95
LTE Band26	5	27015	12	#Mid	16QAM	21.58	22.95
LTE Band26	5	27015	12	#Max	16QAM	21.40	22.77
LTE Band26	5	27015	25	#0	16QAM	21.30	22.67
LTE Band26	10	26840	1	#0	QPSK	23.49	24.86
LTE Band26	10	26840	1	#Mid	QPSK	23.77	25.14
LTE Band26	10	26840	1	#Max	QPSK	23.45	24.82
LTE Band26	10	26840	25	#0	QPSK	22.51	23.88
LTE Band26	10	26840	25	#Mid	QPSK	22.50	23.87
LTE Band26	10	26840	25	#Max	QPSK	22.62	23.99
LTE Band26	10	26840	50	#0	QPSK	22.56	23.93
LTE Band26	10	26840	1	#0	16QAM	22.61	23.98
LTE Band26	10	26840	1	#Mid	16QAM	23.53	24.90
LTE Band26	10	26840	1	#Max	16QAM	22.84	24.21
LTE Band26	10	26840	25	#0	16QAM	21.56	22.93
LTE Band26	10	26840	25	#Mid	16QAM	21.57	22.94
LTE Band26	10	26840	25	#Max	16QAM	21.67	23.04
LTE Band26	10	26840	50	#0	16QAM	21.57	22.94
LTE Band26	10	26915	1	#0	QPSK	23.54	24.91
LTE Band26	10	26915	1	#Mid	QPSK	23.75	25.12
LTE Band26	10	26915	1	#Max	QPSK	23.52	24.89
LTE Band26	10	26915	25	#0	QPSK	22.51	23.88
LTE Band26	10	26915	25	#Mid	QPSK	22.51	23.88
LTE Band26	10	26915	25	#Max	QPSK	22.51	23.88
LTE Band26	10	26915	50	#0	QPSK	22.53	23.90
LTE Band26	10	26915	1	#0	16QAM	23.26	24.63
LTE Band26	10	26915	1	#Mid	16QAM	23.68	25.05
LTE Band26	10	26915	1	#Max	16QAM	23.23	24.60
LTE Band26	10	26915	25	#0	16QAM	21.55	22.92
LTE Band26	10	26915	25	#Mid	16QAM	21.55	22.92
LTE Band26	10	26915	25	#Max	16QAM	21.31	22.68
LTE Band26	10	26915	50	#0	16QAM	21.53	22.90

LTE Band26	10	26990	1	#0	QPSK	23.49	24.86
LTE Band26	10	26990	1	#Mid	QPSK	23.79	25.16
LTE Band26	10	26990	1	#Max	QPSK	23.25	24.62
LTE Band26	10	26990	25	#0	QPSK	22.58	23.95
LTE Band26	10	26990	25	#Mid	QPSK	22.52	23.89
LTE Band26	10	26990	25	#Max	QPSK	22.42	23.79
LTE Band26	10	26990	50	#0	QPSK	22.51	23.88
LTE Band26	10	26990	1	#0	16QAM	22.53	23.90
LTE Band26	10	26990	1	#Mid	16QAM	22.30	23.67
LTE Band26	10	26990	1	#Max	16QAM	22.02	23.39
LTE Band26	10	26990	25	#0	16QAM	21.60	22.97
LTE Band26	10	26990	25	#Mid	16QAM	21.62	22.99
LTE Band26	10	26990	25	#Max	16QAM	21.39	22.76
LTE Band26	10	26990	50	#0	16QAM	21.49	22.86
LTE Band26	15	26865	1	#0	QPSK	23.37	24.74
LTE Band26	15	26865	1	#Mid	QPSK	23.61	24.98
LTE Band26	15	26865	1	#Max	QPSK	23.31	24.68
LTE Band26	15	26865	36	#0	QPSK	22.60	23.97
LTE Band26	15	26865	36	#Mid	QPSK	22.58	23.95
LTE Band26	15	26865	36	#Max	QPSK	22.52	23.89
LTE Band26	15	26865	75	#0	QPSK	22.57	23.94
LTE Band26	15	26865	1	#0	16QAM	22.60	23.97
LTE Band26	15	26865	1	#Mid	16QAM	22.76	24.13
LTE Band26	15	26865	1	#Max	16QAM	21.90	23.27
LTE Band26	15	26865	36	#0	16QAM	21.57	22.94
LTE Band26	15	26865	36	#Mid	16QAM	21.60	22.97
LTE Band26	15	26865	36	#Max	16QAM	21.45	22.82
LTE Band26	15	26865	75	#0	16QAM	21.40	22.77
LTE Band26	15	26915	1	#0	QPSK	23.56	24.93
LTE Band26	15	26915	1	#Mid	QPSK	23.37	24.74
LTE Band26	15	26915	1	#Max	QPSK	23.38	24.75
LTE Band26	15	26915	36	#0	QPSK	22.58	23.95
LTE Band26	15	26915	36	#Mid	QPSK	22.58	23.95
LTE Band26	15	26915	36	#Max	QPSK	22.47	23.84
LTE Band26	15	26915	75	#0	QPSK	22.47	23.84
LTE Band26	15	26915	1	#0	16QAM	23.28	24.65
LTE Band26	15	26915	1	#Mid	16QAM	23.16	24.53
LTE Band26	15	26915	1	#Max	16QAM	23.08	24.45
LTE Band26	15	26915	36	#0	16QAM	21.40	22.77
LTE Band26	15	26915	36	#Mid	16QAM	21.41	22.78
LTE Band26	15	26915	36	#Max	16QAM	21.36	22.73
LTE Band26	15	26915	75	#0	16QAM	21.38	22.75
LTE Band26	15	26965	1	#0	QPSK	23.48	24.85

LTE Band26	15	26965	1	#Mid	QPSK	23.36	24.73
LTE Band26	15	26965	1	#Max	QPSK	23.14	24.51
LTE Band26	15	26965	36	#0	QPSK	22.56	23.93
LTE Band26	15	26965	36	#Mid	QPSK	22.50	23.87
LTE Band26	15	26965	36	#Max	QPSK	22.44	23.81
LTE Band26	15	26965	75	#0	QPSK	22.48	23.85
LTE Band26	15	26965	1	#0	16QAM	22.20	23.57
LTE Band26	15	26965	1	#Mid	16QAM	22.24	23.61
LTE Band26	15	26965	1	#Max	16QAM	21.85	23.22
LTE Band26	15	26965	36	#0	16QAM	21.34	22.71
LTE Band26	15	26965	36	#Mid	16QAM	21.30	22.67
LTE Band26	15	26965	36	#Max	16QAM	21.35	22.72
LTE Band26	15	26965	75	#0	16QAM	21.46	22.83

Part 90:

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band26	1.4	26697	1	#0	QPSK	23.28	24.65
LTE Band26	1.4	26697	1	#Mid	QPSK	23.41	24.78
LTE Band26	1.4	26697	1	#Max	QPSK	23.33	24.70
LTE Band26	1.4	26697	3	#0	QPSK	23.10	24.47
LTE Band26	1.4	26697	3	#Mid	QPSK	23.10	24.47
LTE Band26	1.4	26697	3	#Max	QPSK	23.08	24.45
LTE Band26	1.4	26697	6	#0	QPSK	22.12	23.49
LTE Band26	1.4	26697	1	#0	16QAM	22.29	23.66
LTE Band26	1.4	26697	1	#Mid	16QAM	22.50	23.87
LTE Band26	1.4	26697	1	#Max	16QAM	22.35	23.72
LTE Band26	1.4	26697	3	#0	16QAM	22.19	23.56
LTE Band26	1.4	26697	3	#Mid	16QAM	22.19	23.56
LTE Band26	1.4	26697	3	#Max	16QAM	22.29	23.66
LTE Band26	1.4	26697	6	#0	16QAM	21.08	22.45
LTE Band26	1.4	26740	1	#0	QPSK	23.13	24.50
LTE Band26	1.4	26740	1	#Mid	QPSK	23.28	24.65
LTE Band26	1.4	26740	1	#Max	QPSK	23.17	24.54
LTE Band26	1.4	26740	3	#0	QPSK	23.12	24.49
LTE Band26	1.4	26740	3	#Mid	QPSK	23.12	24.49
LTE Band26	1.4	26740	3	#Max	QPSK	23.21	24.58
LTE Band26	1.4	26740	6	#0	QPSK	22.39	23.76
LTE Band26	1.4	26740	1	#0	16QAM	22.43	23.80
LTE Band26	1.4	26740	1	#Mid	16QAM	23.00	24.37
LTE Band26	1.4	26740	1	#Max	16QAM	22.62	23.99
LTE Band26	1.4	26740	3	#0	16QAM	22.19	23.56
LTE Band26	1.4	26740	3	#Mid	16QAM	22.19	23.56

LTE Band26	1.4	26740	3	#Max	16QAM	22.27	23.64
LTE Band26	1.4	26740	6	#0	16QAM	21.16	22.53
LTE Band26	1.4	26783	1	#0	QPSK	23.35	24.72
LTE Band26	1.4	26783	1	#Mid	QPSK	23.53	24.90
LTE Band26	1.4	26783	1	#Max	QPSK	23.47	24.84
LTE Band26	1.4	26783	3	#0	QPSK	23.29	24.66
LTE Band26	1.4	26783	3	#Mid	QPSK	23.29	24.66
LTE Band26	1.4	26783	3	#Max	QPSK	23.27	24.64
LTE Band26	1.4	26783	6	#0	QPSK	22.26	23.63
LTE Band26	1.4	26783	1	#0	16QAM	22.07	23.44
LTE Band26	1.4	26783	1	#Mid	16QAM	22.27	23.64
LTE Band26	1.4	26783	1	#Max	16QAM	22.11	23.48
LTE Band26	1.4	26783	3	#0	16QAM	22.35	23.72
LTE Band26	1.4	26783	3	#Mid	16QAM	22.36	23.73
LTE Band26	1.4	26783	3	#Max	16QAM	22.47	23.84
LTE Band26	1.4	26783	6	#0	16QAM	21.24	22.61
LTE Band26	3	26705	1	#0	QPSK	23.06	24.43
LTE Band26	3	26705	1	#Mid	QPSK	23.00	24.37
LTE Band26	3	26705	1	#Max	QPSK	23.10	24.47
LTE Band26	3	26705	8	#0	QPSK	22.14	23.51
LTE Band26	3	26705	8	#Mid	QPSK	22.14	23.51
LTE Band26	3	26705	8	#Max	QPSK	22.20	23.57
LTE Band26	3	26705	15	#0	QPSK	22.23	23.60
LTE Band26	3	26705	1	#0	16QAM	22.24	23.61
LTE Band26	3	26705	1	#Mid	16QAM	22.40	23.77
LTE Band26	3	26705	1	#Max	16QAM	22.40	23.77
LTE Band26	3	26705	8	#0	16QAM	21.16	22.53
LTE Band26	3	26705	8	#Mid	16QAM	21.17	22.54
LTE Band26	3	26705	8	#Max	16QAM	21.43	22.80
LTE Band26	3	26705	15	#0	16QAM	21.22	22.59
LTE Band26	3	26740	1	#0	QPSK	23.28	24.65
LTE Band26	3	26740	1	#Mid	QPSK	23.28	24.65
LTE Band26	3	26740	1	#Max	QPSK	23.07	24.44
LTE Band26	3	26740	8	#0	QPSK	22.29	23.66
LTE Band26	3	26740	8	#Mid	QPSK	22.29	23.66
LTE Band26	3	26740	8	#Max	QPSK	22.33	23.70
LTE Band26	3	26740	15	#0	QPSK	22.26	23.63
LTE Band26	3	26740	1	#0	16QAM	22.38	23.75
LTE Band26	3	26740	1	#Mid	16QAM	22.47	23.84
LTE Band26	3	26740	1	#Max	16QAM	22.66	24.03
LTE Band26	3	26740	8	#0	16QAM	21.42	22.79
LTE Band26	3	26740	8	#Mid	16QAM	21.42	22.79
LTE Band26	3	26740	8	#Max	16QAM	21.54	22.91

LTE Band26	3	26740	15	#0	16QAM	21.29	22.66
LTE Band26	3	26775	1	#0	QPSK	23.19	24.56
LTE Band26	3	26775	1	#Mid	QPSK	23.22	24.59
LTE Band26	3	26775	1	#Max	QPSK	23.34	24.71
LTE Band26	3	26775	8	#0	QPSK	22.44	23.81
LTE Band26	3	26775	8	#Mid	QPSK	22.45	23.82
LTE Band26	3	26775	8	#Max	QPSK	22.43	23.80
LTE Band26	3	26775	15	#0	QPSK	22.39	23.76
LTE Band26	3	26775	1	#0	16QAM	22.28	23.65
LTE Band26	3	26775	1	#Mid	16QAM	22.04	23.41
LTE Band26	3	26775	1	#Max	16QAM	22.03	23.40
LTE Band26	3	26775	8	#0	16QAM	21.18	22.55
LTE Band26	3	26775	8	#Mid	16QAM	21.11	22.48
LTE Band26	3	26775	8	#Max	16QAM	21.17	22.54
LTE Band26	3	26775	15	#0	16QAM	21.27	22.64
LTE Band26	5	26715	1	#0	QPSK	22.92	24.29
LTE Band26	5	26715	1	#Mid	QPSK	22.92	24.29
LTE Band26	5	26715	1	#Max	QPSK	23.06	24.43
LTE Band26	5	26715	12	#0	QPSK	22.15	23.52
LTE Band26	5	26715	12	#Mid	QPSK	22.15	23.52
LTE Band26	5	26715	12	#Max	QPSK	22.20	23.57
LTE Band26	5	26715	25	#0	QPSK	22.20	23.57
LTE Band26	5	26715	1	#0	16QAM	22.13	23.50
LTE Band26	5	26715	1	#Mid	16QAM	22.75	24.12
LTE Band26	5	26715	1	#Max	16QAM	21.97	23.34
LTE Band26	5	26715	12	#0	16QAM	21.07	22.44
LTE Band26	5	26715	12	#Mid	16QAM	21.07	22.44
LTE Band26	5	26715	12	#Max	16QAM	21.15	22.52
LTE Band26	5	26715	25	#0	16QAM	21.09	22.46
LTE Band26	5	26740	1	#0	QPSK	22.99	24.36
LTE Band26	5	26740	1	#Mid	QPSK	23.01	24.38
LTE Band26	5	26740	1	#Max	QPSK	22.83	24.20
LTE Band26	5	26740	12	#0	QPSK	22.25	23.62
LTE Band26	5	26740	12	#Mid	QPSK	22.25	23.62
LTE Band26	5	26740	12	#Max	QPSK	22.32	23.69
LTE Band26	5	26740	25	#0	QPSK	22.29	23.66
LTE Band26	5	26740	1	#0	16QAM	22.33	23.70
LTE Band26	5	26740	1	#Mid	16QAM	22.94	24.31
LTE Band26	5	26740	1	#Max	16QAM	22.45	23.82
LTE Band26	5	26740	12	#0	16QAM	21.11	22.48
LTE Band26	5	26740	12	#Mid	16QAM	20.95	22.32
LTE Band26	5	26740	12	#Max	16QAM	21.13	22.50
LTE Band26	5	26740	25	#0	16QAM	21.15	22.52

LTE Band26	5	26765	1	#0	QPSK	23.10	24.47
LTE Band26	5	26765	1	#Mid	QPSK	23.23	24.60
LTE Band26	5	26765	1	#Max	QPSK	23.02	24.39
LTE Band26	5	26765	12	#0	QPSK	22.26	23.63
LTE Band26	5	26765	12	#Mid	QPSK	22.20	23.57
LTE Band26	5	26765	12	#Max	QPSK	22.31	23.68
LTE Band26	5	26765	25	#0	QPSK	22.36	23.73
LTE Band26	5	26765	1	#0	16QAM	22.54	23.91
LTE Band26	5	26765	1	#Mid	16QAM	22.69	24.06
LTE Band26	5	26765	1	#Max	16QAM	22.28	23.65
LTE Band26	5	26765	12	#0	16QAM	21.29	22.66
LTE Band26	5	26765	12	#Mid	16QAM	21.20	22.57
LTE Band26	5	26765	12	#Max	16QAM	21.19	22.56
LTE Band26	5	26765	25	#0	16QAM	21.20	22.57
LTE Band26	10	26740	1	#0	QPSK	23.07	24.44
LTE Band26	10	26740	1	#Mid	QPSK	23.50	24.87
LTE Band26	10	26740	1	#Max	QPSK	23.30	24.67
LTE Band26	10	26740	25	#0	QPSK	22.23	23.60
LTE Band26	10	26740	25	#Mid	QPSK	22.23	23.60
LTE Band26	10	26740	25	#Max	QPSK	22.31	23.68
LTE Band26	10	26740	50	#0	QPSK	22.23	23.60
LTE Band26	10	26740	1	#0	16QAM	22.38	23.75
LTE Band26	10	26740	1	#Mid	16QAM	22.55	23.92
LTE Band26	10	26740	1	#Max	16QAM	21.79	23.16
LTE Band26	10	26740	25	#0	16QAM	21.21	22.58
LTE Band26	10	26740	25	#Mid	16QAM	21.21	22.58
LTE Band26	10	26740	25	#Max	16QAM	21.31	22.68
LTE Band26	10	26740	50	#0	16QAM	21.10	22.47

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band41	5	39675	1	#0	QPSK	23.58	29.35
LTE Band41	5	39675	1	#Mid	QPSK	23.50	29.27
LTE Band41	5	39675	1	#Max	QPSK	23.29	29.06
LTE Band41	5	39675	12	#0	QPSK	22.65	28.42
LTE Band41	5	39675	12	#Mid	QPSK	22.66	28.43
LTE Band41	5	39675	12	#Max	QPSK	22.55	28.32
LTE Band41	5	39675	25	#0	QPSK	22.59	28.36
LTE Band41	5	39675	1	#0	16QAM	22.47	28.24
LTE Band41	5	39675	1	#Mid	16QAM	22.64	28.41
LTE Band41	5	39675	1	#Max	16QAM	22.56	28.33
LTE Band41	5	39675	12	#0	16QAM	21.40	27.17
LTE Band41	5	39675	12	#Mid	16QAM	21.41	27.18

LTE Band41	5	39675	12	#Max	16QAM	21.27	27.04
LTE Band41	5	39675	25	#0	16QAM	21.45	27.22
LTE Band41	5	40620	1	#0	QPSK	22.52	28.29
LTE Band41	5	40620	1	#Mid	QPSK	22.48	28.25
LTE Band41	5	40620	1	#Max	QPSK	22.52	28.29
LTE Band41	5	40620	12	#0	QPSK	21.75	27.52
LTE Band41	5	40620	12	#Mid	QPSK	21.90	27.67
LTE Band41	5	40620	12	#Max	QPSK	21.65	27.42
LTE Band41	5	40620	25	#0	QPSK	21.69	27.46
LTE Band41	5	40620	1	#0	16QAM	22.07	27.84
LTE Band41	5	40620	1	#Mid	16QAM	22.07	27.84
LTE Band41	5	40620	1	#Max	16QAM	22.12	27.89
LTE Band41	5	40620	12	#0	16QAM	20.76	26.53
LTE Band41	5	40620	12	#Mid	16QAM	20.77	26.54
LTE Band41	5	40620	12	#Max	16QAM	21.04	26.81
LTE Band41	5	40620	25	#0	16QAM	20.82	26.59
LTE Band41	5	41565	1	#0	QPSK	22.64	28.41
LTE Band41	5	41565	1	#Mid	QPSK	22.75	28.52
LTE Band41	5	41565	1	#Max	QPSK	22.78	28.55
LTE Band41	5	41565	12	#0	QPSK	21.91	27.68
LTE Band41	5	41565	12	#Mid	QPSK	21.93	27.70
LTE Band41	5	41565	12	#Max	QPSK	22.07	27.84
LTE Band41	5	41565	25	#0	QPSK	21.88	27.65
LTE Band41	5	41565	1	#0	16QAM	22.09	27.86
LTE Band41	5	41565	1	#Mid	16QAM	22.31	28.08
LTE Band41	5	41565	1	#Max	16QAM	22.46	28.23
LTE Band41	5	41565	12	#0	16QAM	20.75	26.52
LTE Band41	5	41565	12	#Mid	16QAM	20.67	26.44
LTE Band41	5	41565	12	#Max	16QAM	20.77	26.54
LTE Band41	5	41565	25	#0	16QAM	20.90	26.67
LTE Band41	10	39700	1	#0	QPSK	23.97	29.74
LTE Band41	10	39700	1	#Mid	QPSK	23.68	29.45
LTE Band41	10	39700	1	#Max	QPSK	23.89	29.66
LTE Band41	10	39700	25	#0	QPSK	22.63	28.40
LTE Band41	10	39700	25	#Mid	QPSK	22.63	28.40
LTE Band41	10	39700	25	#Max	QPSK	22.72	28.49
LTE Band41	10	39700	50	#0	QPSK	22.62	28.39
LTE Band41	10	39700	1	#0	16QAM	22.61	28.38
LTE Band41	10	39700	1	#Mid	16QAM	22.62	28.39
LTE Band41	10	39700	1	#Max	16QAM	22.66	28.43
LTE Band41	10	39700	25	#0	16QAM	21.42	27.19
LTE Band41	10	39700	25	#Mid	16QAM	21.42	27.19
LTE Band41	10	39700	25	#Max	16QAM	21.57	27.34

LTE Band41	10	39700	50	#0	16QAM	21.34	27.11
LTE Band41	10	40620	1	#0	QPSK	22.98	28.75
LTE Band41	10	40620	1	#Mid	QPSK	22.89	28.66
LTE Band41	10	40620	1	#Max	QPSK	22.96	28.73
LTE Band41	10	40620	25	#0	QPSK	21.97	27.74
LTE Band41	10	40620	25	#Mid	QPSK	21.84	27.61
LTE Band41	10	40620	25	#Max	QPSK	22.07	27.84
LTE Band41	10	40620	50	#0	QPSK	22.18	27.95
LTE Band41	10	40620	1	#0	16QAM	22.27	28.04
LTE Band41	10	40620	1	#Mid	16QAM	22.87	28.64
LTE Band41	10	40620	1	#Max	16QAM	22.61	28.38
LTE Band41	10	40620	25	#0	16QAM	20.74	26.51
LTE Band41	10	40620	25	#Mid	16QAM	20.84	26.61
LTE Band41	10	40620	25	#Max	16QAM	21.07	26.84
LTE Band41	10	40620	50	#0	16QAM	20.75	26.52
LTE Band41	10	41540	1	#0	QPSK	22.82	28.59
LTE Band41	10	41540	1	#Mid	QPSK	22.81	28.58
LTE Band41	10	41540	1	#Max	QPSK	22.95	28.72
LTE Band41	10	41540	25	#0	QPSK	22.10	27.87
LTE Band41	10	41540	25	#Mid	QPSK	22.11	27.88
LTE Band41	10	41540	25	#Max	QPSK	22.05	27.82
LTE Band41	10	41540	50	#0	QPSK	22.00	27.77
LTE Band41	10	41540	1	#0	16QAM	22.28	28.05
LTE Band41	10	41540	1	#Mid	16QAM	22.51	28.28
LTE Band41	10	41540	1	#Max	16QAM	22.18	27.95
LTE Band41	10	41540	25	#0	16QAM	20.99	26.76
LTE Band41	10	41540	25	#Mid	16QAM	21.02	26.79
LTE Band41	10	41540	25	#Max	16QAM	20.98	26.75
LTE Band41	10	41540	50	#0	16QAM	20.99	26.76
LTE Band41	15	39725	1	#0	QPSK	23.56	29.33
LTE Band41	15	39725	1	#Mid	QPSK	23.61	29.38
LTE Band41	15	39725	1	#Max	QPSK	23.56	29.33
LTE Band41	15	39725	36	#0	QPSK	22.41	28.18
LTE Band41	15	39725	36	#Mid	QPSK	22.43	28.20
LTE Band41	15	39725	36	#Max	QPSK	22.49	28.26
LTE Band41	15	39725	75	#0	QPSK	22.42	28.19
LTE Band41	15	39725	1	#0	16QAM	22.68	28.45
LTE Band41	15	39725	1	#Mid	16QAM	22.26	28.03
LTE Band41	15	39725	1	#Max	16QAM	22.29	28.06
LTE Band41	15	39725	36	#0	16QAM	21.20	26.97
LTE Band41	15	39725	36	#Mid	16QAM	21.22	26.99
LTE Band41	15	39725	36	#Max	16QAM	21.32	27.09
LTE Band41	15	39725	75	#0	16QAM	21.39	27.16

LTE Band41	15	40620	1	#0	QPSK	22.98	28.75
LTE Band41	15	40620	1	#Mid	QPSK	22.84	28.61
LTE Band41	15	40620	1	#Max	QPSK	22.87	28.64
LTE Band41	15	40620	36	#0	QPSK	21.75	27.52
LTE Band41	15	40620	36	#Mid	QPSK	21.83	27.60
LTE Band41	15	40620	36	#Max	QPSK	21.76	27.53
LTE Band41	15	40620	75	#0	QPSK	22.03	27.80
LTE Band41	15	40620	1	#0	16QAM	22.12	27.89
LTE Band41	15	40620	1	#Mid	16QAM	21.98	27.75
LTE Band41	15	40620	1	#Max	16QAM	22.53	28.30
LTE Band41	15	40620	36	#0	16QAM	20.71	26.48
LTE Band41	15	40620	36	#Mid	16QAM	20.72	26.49
LTE Band41	15	40620	36	#Max	16QAM	20.80	26.57
LTE Band41	15	40620	75	#0	16QAM	21.04	26.81
LTE Band41	15	41515	1	#0	QPSK	22.81	28.58
LTE Band41	15	41515	1	#Mid	QPSK	22.88	28.65
LTE Band41	15	41515	1	#Max	QPSK	22.95	28.72
LTE Band41	15	41515	36	#0	QPSK	21.88	27.65
LTE Band41	15	41515	36	#Mid	QPSK	21.88	27.65
LTE Band41	15	41515	36	#Max	QPSK	21.95	27.72
LTE Band41	15	41515	75	#0	QPSK	21.90	27.67
LTE Band41	15	41515	1	#0	16QAM	21.61	27.38
LTE Band41	15	41515	1	#Mid	16QAM	21.57	27.34
LTE Band41	15	41515	1	#Max	16QAM	21.71	27.48
LTE Band41	15	41515	36	#0	16QAM	20.62	26.39
LTE Band41	15	41515	36	#Mid	16QAM	20.75	26.52
LTE Band41	15	41515	36	#Max	16QAM	20.66	26.43
LTE Band41	15	41515	75	#0	16QAM	20.77	26.54
LTE Band41	20	39750	1	#0	QPSK	23.28	29.05
LTE Band41	20	39750	1	#Mid	QPSK	23.59	29.36
LTE Band41	20	39750	1	#Max	QPSK	23.29	29.06
LTE Band41	20	39750	50	#0	QPSK	22.40	28.17
LTE Band41	20	39750	50	#Mid	QPSK	22.40	28.17
LTE Band41	20	39750	50	#Max	QPSK	22.45	28.22
LTE Band41	20	39750	100	#0	QPSK	22.43	28.20
LTE Band41	20	39750	1	#0	16QAM	22.80	28.57
LTE Band41	20	39750	1	#Mid	16QAM	23.05	28.82
LTE Band41	20	39750	1	#Max	16QAM	22.99	28.76
LTE Band41	20	39750	50	#0	16QAM	21.28	27.05
LTE Band41	20	39750	50	#Mid	16QAM	21.33	27.10
LTE Band41	20	39750	50	#Max	16QAM	21.51	27.28
LTE Band41	20	39750	100	#0	16QAM	21.30	27.07
LTE Band41	20	40620	1	#0	QPSK	22.91	28.68

LTE Band41	20	40620	1	#Mid	QPSK	22.81	28.58
LTE Band41	20	40620	1	#Max	QPSK	22.88	28.65
LTE Band41	20	40620	50	#0	QPSK	21.97	27.74
LTE Band41	20	40620	50	#Mid	QPSK	21.97	27.74
LTE Band41	20	40620	50	#Max	QPSK	21.77	27.54
LTE Band41	20	40620	100	#0	QPSK	21.98	27.75
LTE Band41	20	40620	1	#0	16QAM	21.76	27.53
LTE Band41	20	40620	1	#Mid	16QAM	21.59	27.36
LTE Band41	20	40620	1	#Max	16QAM	21.60	27.37
LTE Band41	20	40620	50	#0	16QAM	20.89	26.66
LTE Band41	20	40620	50	#Mid	16QAM	20.90	26.67
LTE Band41	20	40620	50	#Max	16QAM	20.77	26.54
LTE Band41	20	40620	100	#0	16QAM	20.65	26.42
LTE Band41	20	41490	1	#0	QPSK	22.94	28.71
LTE Band41	20	41490	1	#Mid	QPSK	23.25	29.02
LTE Band41	20	41490	1	#Max	QPSK	23.05	28.82
LTE Band41	20	41490	50	#0	QPSK	21.82	27.59
LTE Band41	20	41490	50	#Mid	QPSK	21.83	27.60
LTE Band41	20	41490	50	#Max	QPSK	21.90	27.67
LTE Band41	20	41490	100	#0	QPSK	21.86	27.63
LTE Band41	20	41490	1	#0	16QAM	22.04	27.81
LTE Band41	20	41490	1	#Mid	16QAM	22.33	28.10
LTE Band41	20	41490	1	#Max	16QAM	22.25	28.02
LTE Band41	20	41490	50	#0	16QAM	20.84	26.61
LTE Band41	20	41490	50	#Mid	16QAM	20.86	26.63
LTE Band41	20	41490	50	#Max	16QAM	21.04	26.81
LTE Band41	20	41490	100	#0	16QAM	20.65	26.42

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
LTE Band66	1.4	131979	1	#0	QPSK	23.64	27.64
LTE Band66	1.4	131979	1	#Mid	QPSK	23.85	27.85
LTE Band66	1.4	131979	1	#Max	QPSK	23.76	27.76
LTE Band66	1.4	131979	3	#0	QPSK	23.47	27.47
LTE Band66	1.4	131979	3	#Mid	QPSK	23.65	27.65
LTE Band66	1.4	131979	3	#Max	QPSK	23.46	27.46
LTE Band66	1.4	131979	6	#0	QPSK	22.58	26.58
LTE Band66	1.4	131979	1	#0	16QAM	22.75	26.75
LTE Band66	1.4	131979	1	#Mid	16QAM	22.92	26.92
LTE Band66	1.4	131979	1	#Max	16QAM	22.74	26.74
LTE Band66	1.4	131979	3	#0	16QAM	22.59	26.59
LTE Band66	1.4	131979	3	#Mid	16QAM	22.59	26.59
LTE Band66	1.4	131979	3	#Max	16QAM	22.66	26.66

LTE Band66	1.4	131979	6	#0	16QAM	21.35	25.35
LTE Band66	1.4	132322	1	#0	QPSK	23.76	27.76
LTE Band66	1.4	132322	1	#Mid	QPSK	23.97	27.97
LTE Band66	1.4	132322	1	#Max	QPSK	23.84	27.84
LTE Band66	1.4	132322	3	#0	QPSK	23.74	27.74
LTE Band66	1.4	132322	3	#Mid	QPSK	23.74	27.74
LTE Band66	1.4	132322	3	#Max	QPSK	23.90	27.90
LTE Band66	1.4	132322	6	#0	QPSK	22.95	26.95
LTE Band66	1.4	132322	1	#0	16QAM	23.63	27.63
LTE Band66	1.4	132322	1	#Mid	16QAM	23.74	27.74
LTE Band66	1.4	132322	1	#Max	16QAM	23.65	27.65
LTE Band66	1.4	132322	3	#0	16QAM	23.30	27.30
LTE Band66	1.4	132322	3	#Mid	16QAM	23.30	27.30
LTE Band66	1.4	132322	3	#Max	16QAM	23.31	27.31
LTE Band66	1.4	132322	6	#0	16QAM	22.04	26.04
LTE Band66	1.4	132665	1	#0	QPSK	23.42	27.42
LTE Band66	1.4	132665	1	#Mid	QPSK	23.58	27.58
LTE Band66	1.4	132665	1	#Max	QPSK	23.51	27.51
LTE Band66	1.4	132665	3	#0	QPSK	23.49	27.49
LTE Band66	1.4	132665	3	#Mid	QPSK	23.49	27.49
LTE Band66	1.4	132665	3	#Max	QPSK	23.39	27.39
LTE Band66	1.4	132665	6	#0	QPSK	22.53	26.53
LTE Band66	1.4	132665	1	#0	16QAM	22.66	26.66
LTE Band66	1.4	132665	1	#Mid	16QAM	22.48	26.48
LTE Band66	1.4	132665	1	#Max	16QAM	22.19	26.19
LTE Band66	1.4	132665	3	#0	16QAM	22.54	26.54
LTE Band66	1.4	132665	3	#Mid	16QAM	22.54	26.54
LTE Band66	1.4	132665	3	#Max	16QAM	22.63	26.63
LTE Band66	1.4	132665	6	#0	16QAM	21.57	25.57
LTE Band66	3	131987	1	#0	QPSK	23.64	27.64
LTE Band66	3	131987	1	#Mid	QPSK	23.63	27.63
LTE Band66	3	131987	1	#Max	QPSK	23.65	27.65
LTE Band66	3	131987	8	#0	QPSK	22.64	26.64
LTE Band66	3	131987	8	#Mid	QPSK	22.63	26.63
LTE Band66	3	131987	8	#Max	QPSK	22.59	26.59
LTE Band66	3	131987	15	#0	QPSK	22.60	26.60
LTE Band66	3	131987	1	#0	16QAM	22.74	26.74
LTE Band66	3	131987	1	#Mid	16QAM	22.75	26.75
LTE Band66	3	131987	1	#Max	16QAM	22.75	26.75
LTE Band66	3	131987	8	#0	16QAM	21.35	25.35
LTE Band66	3	131987	8	#Mid	16QAM	21.50	25.50
LTE Band66	3	131987	8	#Max	16QAM	21.38	25.38
LTE Band66	3	131987	15	#0	16QAM	21.26	25.26

LTE Band66	3	132322	1	#0	QPSK	24.03	28.03
LTE Band66	3	132322	1	#Mid	QPSK	23.93	27.93
LTE Band66	3	132322	1	#Max	QPSK	23.71	27.71
LTE Band66	3	132322	8	#0	QPSK	22.92	26.92
LTE Band66	3	132322	8	#Mid	QPSK	22.93	26.93
LTE Band66	3	132322	8	#Max	QPSK	22.94	26.94
LTE Band66	3	132322	15	#0	QPSK	22.92	26.92
LTE Band66	3	132322	1	#0	16QAM	23.10	27.10
LTE Band66	3	132322	1	#Mid	16QAM	23.32	27.32
LTE Band66	3	132322	1	#Max	16QAM	23.28	27.28
LTE Band66	3	132322	8	#0	16QAM	22.06	26.06
LTE Band66	3	132322	8	#Mid	16QAM	22.08	26.08
LTE Band66	3	132322	8	#Max	16QAM	22.08	26.08
LTE Band66	3	132322	15	#0	16QAM	22.05	26.05
LTE Band66	3	132657	1	#0	QPSK	23.40	27.40
LTE Band66	3	132657	1	#Mid	QPSK	23.45	27.45
LTE Band66	3	132657	1	#Max	QPSK	23.61	27.61
LTE Band66	3	132657	8	#0	QPSK	22.61	26.61
LTE Band66	3	132657	8	#Mid	QPSK	22.71	26.71
LTE Band66	3	132657	8	#Max	QPSK	22.53	26.53
LTE Band66	3	132657	15	#0	QPSK	22.69	26.69
LTE Band66	3	132657	1	#0	16QAM	22.32	26.32
LTE Band66	3	132657	1	#Mid	16QAM	22.25	26.25
LTE Band66	3	132657	1	#Max	16QAM	22.40	26.40
LTE Band66	3	132657	8	#0	16QAM	21.51	25.51
LTE Band66	3	132657	8	#Mid	16QAM	21.52	25.52
LTE Band66	3	132657	8	#Max	16QAM	21.28	25.28
LTE Band66	3	132657	15	#0	16QAM	21.45	25.45
LTE Band66	5	131997	1	#0	QPSK	23.32	27.32
LTE Band66	5	131997	1	#Mid	QPSK	23.28	27.28
LTE Band66	5	131997	1	#Max	QPSK	23.24	27.24
LTE Band66	5	131997	12	#0	QPSK	22.52	26.52
LTE Band66	5	131997	12	#Mid	QPSK	22.52	26.52
LTE Band66	5	131997	12	#Max	QPSK	22.55	26.55
LTE Band66	5	131997	25	#0	QPSK	22.55	26.55
LTE Band66	5	131997	1	#0	16QAM	22.60	26.60
LTE Band66	5	131997	1	#Mid	16QAM	23.10	27.10
LTE Band66	5	131997	1	#Max	16QAM	22.18	26.18
LTE Band66	5	131997	12	#0	16QAM	21.22	25.22
LTE Band66	5	131997	12	#Mid	16QAM	21.22	25.22
LTE Band66	5	131997	12	#Max	16QAM	21.18	25.18
LTE Band66	5	131997	25	#0	16QAM	21.48	25.48
LTE Band66	5	132322	1	#0	QPSK	23.57	27.57

LTE Band66	5	132322	1	#Mid	QPSK	23.80	27.80
LTE Band66	5	132322	1	#Max	QPSK	23.47	27.47
LTE Band66	5	132322	12	#0	QPSK	22.92	26.92
LTE Band66	5	132322	12	#Mid	QPSK	22.92	26.92
LTE Band66	5	132322	12	#Max	QPSK	22.94	26.94
LTE Band66	5	132322	25	#0	QPSK	22.92	26.92
LTE Band66	5	132322	1	#0	16QAM	23.22	27.22
LTE Band66	5	132322	1	#Mid	16QAM	23.54	27.54
LTE Band66	5	132322	1	#Max	16QAM	23.21	27.21
LTE Band66	5	132322	12	#0	16QAM	21.68	25.68
LTE Band66	5	132322	12	#Mid	16QAM	21.70	25.70
LTE Band66	5	132322	12	#Max	16QAM	21.71	25.71
LTE Band66	5	132322	25	#0	16QAM	21.81	25.81
LTE Band66	5	132647	1	#0	QPSK	23.28	27.28
LTE Band66	5	132647	1	#Mid	QPSK	23.49	27.49
LTE Band66	5	132647	1	#Max	QPSK	23.25	27.25
LTE Band66	5	132647	12	#0	QPSK	22.65	26.65
LTE Band66	5	132647	12	#Mid	QPSK	22.65	26.65
LTE Band66	5	132647	12	#Max	QPSK	22.56	26.56
LTE Band66	5	132647	25	#0	QPSK	22.58	26.58
LTE Band66	5	132647	1	#0	16QAM	22.84	26.84
LTE Band66	5	132647	1	#Mid	16QAM	22.76	26.76
LTE Band66	5	132647	1	#Max	16QAM	22.52	26.52
LTE Band66	5	132647	12	#0	16QAM	21.39	25.39
LTE Band66	5	132647	12	#Mid	16QAM	21.40	25.40
LTE Band66	5	132647	12	#Max	16QAM	21.34	25.34
LTE Band66	5	132647	25	#0	16QAM	21.30	25.30
LTE Band66	10	132022	1	#0	QPSK	23.45	27.45
LTE Band66	10	132022	1	#Mid	QPSK	23.62	27.62
LTE Band66	10	132022	1	#Max	QPSK	23.62	27.62
LTE Band66	10	132022	25	#0	QPSK	22.59	26.59
LTE Band66	10	132022	25	#Mid	QPSK	22.59	26.59
LTE Band66	10	132022	25	#Max	QPSK	22.71	26.71
LTE Band66	10	132022	50	#0	QPSK	22.59	26.59
LTE Band66	10	132022	1	#0	16QAM	22.66	26.66
LTE Band66	10	132022	1	#Mid	16QAM	22.79	26.79
LTE Band66	10	132022	1	#Max	16QAM	22.06	26.06
LTE Band66	10	132022	25	#0	16QAM	21.47	25.47
LTE Band66	10	132022	25	#Mid	16QAM	21.46	25.46
LTE Band66	10	132022	25	#Max	16QAM	21.65	25.65
LTE Band66	10	132022	50	#0	16QAM	21.52	25.52
LTE Band66	10	132322	1	#0	QPSK	23.96	27.96
LTE Band66	10	132322	1	#Mid	QPSK	24.17	28.17

LTE Band66	10	132322	1	#Max	QPSK	23.82	27.82
LTE Band66	10	132322	25	#0	QPSK	22.94	26.94
LTE Band66	10	132322	25	#Mid	QPSK	22.95	26.95
LTE Band66	10	132322	25	#Max	QPSK	22.91	26.91
LTE Band66	10	132322	50	#0	QPSK	22.88	26.88
LTE Band66	10	132322	1	#0	16QAM	23.43	27.43
LTE Band66	10	132322	1	#Mid	16QAM	24.12	28.12
LTE Band66	10	132322	1	#Max	16QAM	23.69	27.69
LTE Band66	10	132322	25	#0	16QAM	21.87	25.87
LTE Band66	10	132322	25	#Mid	16QAM	21.88	25.88
LTE Band66	10	132322	25	#Max	16QAM	21.89	25.89
LTE Band66	10	132322	50	#0	16QAM	21.78	25.78
LTE Band66	10	132622	1	#0	QPSK	23.55	27.55
LTE Band66	10	132622	1	#Mid	QPSK	24.03	28.03
LTE Band66	10	132622	1	#Max	QPSK	23.45	27.45
LTE Band66	10	132622	25	#0	QPSK	22.68	26.68
LTE Band66	10	132622	25	#Mid	QPSK	22.69	26.69
LTE Band66	10	132622	25	#Max	QPSK	22.57	26.57
LTE Band66	10	132622	50	#0	QPSK	22.64	26.64
LTE Band66	10	132622	1	#0	16QAM	22.41	26.41
LTE Band66	10	132622	1	#Mid	16QAM	22.69	26.69
LTE Band66	10	132622	1	#Max	16QAM	22.08	26.08
LTE Band66	10	132622	25	#0	16QAM	21.70	25.70
LTE Band66	10	132622	25	#Mid	16QAM	21.70	25.70
LTE Band66	10	132622	25	#Max	16QAM	21.62	25.62
LTE Band66	10	132622	50	#0	16QAM	21.59	25.59
LTE Band66	15	132047	1	#0	QPSK	23.46	27.46
LTE Band66	15	132047	1	#Mid	QPSK	23.70	27.70
LTE Band66	15	132047	1	#Max	QPSK	23.47	27.47
LTE Band66	15	132047	36	#0	QPSK	22.51	26.51
LTE Band66	15	132047	36	#Mid	QPSK	22.51	26.51
LTE Band66	15	132047	36	#Max	QPSK	22.67	26.67
LTE Band66	15	132047	75	#0	QPSK	22.65	26.65
LTE Band66	15	132047	1	#0	16QAM	22.66	26.66
LTE Band66	15	132047	1	#Mid	16QAM	22.89	26.89
LTE Band66	15	132047	1	#Max	16QAM	22.81	26.81
LTE Band66	15	132047	36	#0	16QAM	21.61	25.61
LTE Band66	15	132047	36	#Mid	16QAM	21.62	25.62
LTE Band66	15	132047	36	#Max	16QAM	21.75	25.75
LTE Band66	15	132047	75	#0	16QAM	21.61	25.61
LTE Band66	15	132322	1	#0	QPSK	24.10	28.10
LTE Band66	15	132322	1	#Mid	QPSK	24.09	28.09
LTE Band66	15	132322	1	#Max	QPSK	23.86	27.86

LTE Band66	15	132322	36	#0	QPSK	23.00	27.00
LTE Band66	15	132322	36	#Mid	QPSK	23.00	27.00
LTE Band66	15	132322	36	#Max	QPSK	22.86	26.86
LTE Band66	15	132322	75	#0	QPSK	22.85	26.85
LTE Band66	15	132322	1	#0	16QAM	23.49	27.49
LTE Band66	15	132322	1	#Mid	16QAM	24.03	28.03
LTE Band66	15	132322	1	#Max	16QAM	23.32	27.32
LTE Band66	15	132322	36	#0	16QAM	21.80	25.80
LTE Band66	15	132322	36	#Mid	16QAM	21.81	25.81
LTE Band66	15	132322	36	#Max	16QAM	22.00	26.00
LTE Band66	15	132322	75	#0	16QAM	21.85	25.85
LTE Band66	15	132597	1	#0	QPSK	23.64	27.64
LTE Band66	15	132597	1	#Mid	QPSK	23.60	27.60
LTE Band66	15	132597	1	#Max	QPSK	23.42	27.42
LTE Band66	15	132597	36	#0	QPSK	22.68	26.68
LTE Band66	15	132597	36	#Mid	QPSK	22.69	26.69
LTE Band66	15	132597	36	#Max	QPSK	22.56	26.56
LTE Band66	15	132597	75	#0	QPSK	22.64	26.64
LTE Band66	15	132597	1	#0	16QAM	22.64	26.64
LTE Band66	15	132597	1	#Mid	16QAM	22.26	26.26
LTE Band66	15	132597	1	#Max	16QAM	21.28	25.28
LTE Band66	15	132597	36	#0	16QAM	21.59	25.59
LTE Band66	15	132597	36	#Mid	16QAM	21.62	25.62
LTE Band66	15	132597	36	#Max	16QAM	21.62	25.62
LTE Band66	15	132597	75	#0	16QAM	21.57	25.57
LTE Band66	20	132072	1	#0	QPSK	23.28	27.28
LTE Band66	20	132072	1	#Mid	QPSK	23.53	27.53
LTE Band66	20	132072	1	#Max	QPSK	23.60	27.60
LTE Band66	20	132072	50	#0	QPSK	22.50	26.50
LTE Band66	20	132072	50	#Mid	QPSK	22.49	26.49
LTE Band66	20	132072	50	#Max	QPSK	22.72	26.72
LTE Band66	20	132072	100	#0	QPSK	22.70	26.70
LTE Band66	20	132072	1	#0	16QAM	22.57	26.57
LTE Band66	20	132072	1	#Mid	16QAM	23.41	27.41
LTE Band66	20	132072	1	#Max	16QAM	22.78	26.78
LTE Band66	20	132072	50	#0	16QAM	21.70	25.70
LTE Band66	20	132072	50	#Mid	16QAM	21.71	25.71
LTE Band66	20	132072	50	#Max	16QAM	21.73	25.73
LTE Band66	20	132072	100	#0	16QAM	21.46	25.46
LTE Band66	20	132322	1	#0	QPSK	24.04	28.04
LTE Band66	20	132322	1	#Mid	QPSK	24.18	28.18
LTE Band66	20	132322	1	#Max	QPSK	23.84	27.84
LTE Band66	20	132322	50	#0	QPSK	22.92	26.92

LTE Band66	20	132322	50	#Mid	QPSK	22.92	26.92
LTE Band66	20	132322	50	#Max	QPSK	22.86	26.86
LTE Band66	20	132322	100	#0	QPSK	22.94	26.94
LTE Band66	20	132322	1	#0	16QAM	22.70	26.70
LTE Band66	20	132322	1	#Mid	16QAM	22.72	26.72
LTE Band66	20	132322	1	#Max	16QAM	22.01	26.01
LTE Band66	20	132322	50	#0	16QAM	21.83	25.83
LTE Band66	20	132322	50	#Mid	16QAM	21.83	25.83
LTE Band66	20	132322	50	#Max	16QAM	21.82	25.82
LTE Band66	20	132322	100	#0	16QAM	21.88	25.88
LTE Band66	20	132572	1	#0	QPSK	23.59	27.59
LTE Band66	20	132572	1	#Mid	QPSK	23.93	27.93
LTE Band66	20	132572	1	#Max	QPSK	23.34	27.34
LTE Band66	20	132572	50	#0	QPSK	22.71	26.71
LTE Band66	20	132572	50	#Mid	QPSK	22.72	26.72
LTE Band66	20	132572	50	#Max	QPSK	22.61	26.61
LTE Band66	20	132572	100	#0	QPSK	22.66	26.66
LTE Band66	20	132572	1	#0	16QAM	22.85	26.85
LTE Band66	20	132572	1	#Mid	16QAM	22.94	26.94
LTE Band66	20	132572	1	#Max	16QAM	22.66	26.66
LTE Band66	20	132572	50	#0	16QAM	21.66	25.66
LTE Band66	20	132572	50	#Mid	16QAM	21.67	25.67
LTE Band66	20	132572	50	#Max	16QAM	21.58	25.58
LTE Band66	20	132572	100	#0	16QAM	21.51	25.51

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
LTE Band71	5	133147	1	#0	QPSK	22.71	25.90
LTE Band71	5	133147	1	#Mid	QPSK	23.03	26.22
LTE Band71	5	133147	1	#Max	QPSK	22.29	25.48
LTE Band71	5	133147	12	#0	QPSK	22.00	25.19
LTE Band71	5	133147	12	#Mid	QPSK	22.01	25.20
LTE Band71	5	133147	12	#Max	QPSK	21.73	24.92
LTE Band71	5	133147	25	#0	QPSK	21.87	25.06
LTE Band71	5	133147	1	#0	16QAM	21.86	25.05
LTE Band71	5	133147	1	#Mid	16QAM	22.23	25.42
LTE Band71	5	133147	1	#Max	16QAM	21.48	24.67
LTE Band71	5	133147	12	#0	16QAM	20.96	24.15
LTE Band71	5	133147	12	#Mid	16QAM	20.98	24.17
LTE Band71	5	133147	12	#Max	16QAM	20.67	23.86
LTE Band71	5	133147	25	#0	16QAM	20.77	23.96
LTE Band71	5	133297	1	#0	QPSK	22.69	25.88
LTE Band71	5	133297	1	#Mid	QPSK	23.10	26.29

LTE Band71	5	133297	1	#Max	QPSK	22.41	25.60
LTE Band71	5	133297	12	#0	QPSK	21.82	25.01
LTE Band71	5	133297	12	#Mid	QPSK	21.83	25.02
LTE Band71	5	133297	12	#Max	QPSK	21.78	24.97
LTE Band71	5	133297	25	#0	QPSK	21.81	25.00
LTE Band71	5	133297	1	#0	16QAM	21.90	25.09
LTE Band71	5	133297	1	#Mid	16QAM	22.36	25.55
LTE Band71	5	133297	1	#Max	16QAM	21.68	24.87
LTE Band71	5	133297	12	#0	16QAM	20.84	24.03
LTE Band71	5	133297	12	#Mid	16QAM	20.86	24.05
LTE Band71	5	133297	12	#Max	16QAM	20.82	24.01
LTE Band71	5	133297	25	#0	16QAM	20.73	23.92
LTE Band71	5	133447	1	#0	QPSK	22.34	25.53
LTE Band71	5	133447	1	#Mid	QPSK	22.80	25.99
LTE Band71	5	133447	1	#Max	QPSK	22.09	25.28
LTE Band71	5	133447	12	#0	QPSK	21.59	24.78
LTE Band71	5	133447	12	#Mid	QPSK	21.60	24.79
LTE Band71	5	133447	12	#Max	QPSK	21.47	24.66
LTE Band71	5	133447	25	#0	QPSK	21.55	24.74
LTE Band71	5	133447	1	#0	16QAM	21.61	24.80
LTE Band71	5	133447	1	#Mid	16QAM	22.10	25.29
LTE Band71	5	133447	1	#Max	16QAM	21.38	24.57
LTE Band71	5	133447	12	#0	16QAM	20.58	23.77
LTE Band71	5	133447	12	#Mid	16QAM	20.58	23.77
LTE Band71	5	133447	12	#Max	16QAM	20.43	23.62
LTE Band71	5	133447	25	#0	16QAM	20.50	23.69
LTE Band71	10	133172	1	#0	QPSK	22.57	25.76
LTE Band71	10	133172	1	#Mid	QPSK	23.15	26.34
LTE Band71	10	133172	1	#Max	QPSK	23.38	26.57
LTE Band71	10	133172	25	#0	QPSK	21.80	24.99
LTE Band71	10	133172	25	#Mid	QPSK	21.81	25.00
LTE Band71	10	133172	25	#Max	QPSK	22.37	25.56
LTE Band71	10	133172	50	#0	QPSK	22.10	25.29
LTE Band71	10	133172	1	#0	16QAM	21.78	24.97
LTE Band71	10	133172	1	#Mid	16QAM	22.39	25.58
LTE Band71	10	133172	1	#Max	16QAM	22.65	25.84
LTE Band71	10	133172	25	#0	16QAM	20.85	24.04
LTE Band71	10	133172	25	#Mid	16QAM	20.87	24.06
LTE Band71	10	133172	25	#Max	16QAM	21.42	24.61
LTE Band71	10	133172	50	#0	16QAM	21.01	24.20
LTE Band71	10	133297	1	#0	QPSK	22.99	26.18
LTE Band71	10	133297	1	#Mid	QPSK	23.12	26.31
LTE Band71	10	133297	1	#Max	QPSK	22.33	25.52

LTE Band71	10	133297	25	#0	QPSK	22.11	25.30
LTE Band71	10	133297	25	#Mid	QPSK	22.12	25.31
LTE Band71	10	133297	25	#Max	QPSK	21.82	25.01
LTE Band71	10	133297	50	#0	QPSK	21.92	25.11
LTE Band71	10	133297	1	#0	16QAM	22.11	25.30
LTE Band71	10	133297	1	#Mid	16QAM	22.26	25.45
LTE Band71	10	133297	1	#Max	16QAM	21.50	24.69
LTE Band71	10	133297	25	#0	16QAM	21.13	24.32
LTE Band71	10	133297	25	#Mid	16QAM	21.14	24.33
LTE Band71	10	133297	25	#Max	16QAM	20.84	24.03
LTE Band71	10	133297	50	#0	16QAM	20.82	24.01
LTE Band71	10	133422	1	#0	QPSK	22.69	25.88
LTE Band71	10	133422	1	#Mid	QPSK	23.10	26.29
LTE Band71	10	133422	1	#Max	QPSK	22.01	25.20
LTE Band71	10	133422	25	#0	QPSK	21.81	25.00
LTE Band71	10	133422	25	#Mid	QPSK	21.82	25.01
LTE Band71	10	133422	25	#Max	QPSK	21.54	24.73
LTE Band71	10	133422	50	#0	QPSK	21.69	24.88
LTE Band71	10	133422	1	#0	16QAM	21.50	24.69
LTE Band71	10	133422	1	#Mid	16QAM	21.93	25.12
LTE Band71	10	133422	1	#Max	16QAM	20.83	24.02
LTE Band71	10	133422	25	#0	16QAM	20.79	23.98
LTE Band71	10	133422	25	#Mid	16QAM	20.80	23.99
LTE Band71	10	133422	25	#Max	16QAM	20.54	23.73
LTE Band71	10	133422	50	#0	16QAM	20.62	23.81
LTE Band71	15	133197	1	#0	QPSK	22.34	25.53
LTE Band71	15	133197	1	#Mid	QPSK	23.78	26.97
LTE Band71	15	133197	1	#Max	QPSK	22.58	25.77
LTE Band71	15	133197	36	#0	QPSK	21.75	24.94
LTE Band71	15	133197	36	#Mid	QPSK	21.74	24.93
LTE Band71	15	133197	36	#Max	QPSK	22.79	25.98
LTE Band71	15	133197	75	#0	QPSK	22.39	25.58
LTE Band71	15	133197	1	#0	16QAM	21.56	24.75
LTE Band71	15	133197	1	#Mid	16QAM	23.04	26.23
LTE Band71	15	133197	1	#Max	16QAM	21.87	25.06
LTE Band71	15	133197	36	#0	16QAM	20.75	23.94
LTE Band71	15	133197	36	#Mid	16QAM	20.75	23.94
LTE Band71	15	133197	36	#Max	16QAM	21.81	25.00
LTE Band71	15	133197	75	#0	16QAM	21.39	24.58
LTE Band71	15	133297	1	#0	QPSK	23.13	26.32
LTE Band71	15	133297	1	#Mid	QPSK	23.07	26.26
LTE Band71	15	133297	1	#Max	QPSK	22.33	25.52
LTE Band71	15	133297	36	#0	QPSK	22.23	25.42

LTE Band71	15	133297	36	#Mid	QPSK	22.24	25.43
LTE Band71	15	133297	36	#Max	QPSK	21.75	24.94
LTE Band71	15	133297	75	#0	QPSK	21.94	25.13
LTE Band71	15	133297	1	#0	16QAM	22.25	25.44
LTE Band71	15	133297	1	#Mid	16QAM	22.21	25.40
LTE Band71	15	133297	1	#Max	16QAM	21.48	24.67
LTE Band71	15	133297	36	#0	16QAM	21.23	24.42
LTE Band71	15	133297	36	#Mid	16QAM	21.24	24.43
LTE Band71	15	133297	36	#Max	16QAM	20.74	23.93
LTE Band71	15	133297	75	#0	16QAM	20.87	24.06
LTE Band71	15	133397	1	#0	QPSK	22.18	25.37
LTE Band71	15	133397	1	#Mid	QPSK	23.06	26.25
LTE Band71	15	133397	1	#Max	QPSK	21.76	24.95
LTE Band71	15	133397	36	#0	QPSK	21.84	25.03
LTE Band71	15	133397	36	#Mid	QPSK	21.84	25.03
LTE Band71	15	133397	36	#Max	QPSK	21.54	24.73
LTE Band71	15	133397	75	#0	QPSK	21.66	24.85
LTE Band71	15	133397	1	#0	16QAM	21.16	24.35
LTE Band71	15	133397	1	#Mid	16QAM	22.11	25.30
LTE Band71	15	133397	1	#Max	16QAM	20.79	23.98
LTE Band71	15	133397	36	#0	16QAM	20.80	23.99
LTE Band71	15	133397	36	#Mid	16QAM	20.80	23.99
LTE Band71	15	133397	36	#Max	16QAM	20.53	23.72
LTE Band71	15	133397	75	#0	16QAM	20.59	23.78
LTE Band71	20	133222	1	#0	QPSK	21.95	25.14
LTE Band71	20	133222	1	#Mid	QPSK	24.17	27.36
LTE Band71	20	133222	1	#Max	QPSK	21.70	24.89
LTE Band71	20	133222	50	#0	QPSK	22.01	25.20
LTE Band71	20	133222	50	#Mid	QPSK	22.00	25.19
LTE Band71	20	133222	50	#Max	QPSK	22.18	25.37
LTE Band71	20	133222	100	#0	QPSK	22.04	25.23
LTE Band71	20	133222	1	#0	16QAM	21.09	24.28
LTE Band71	20	133222	1	#Mid	16QAM	23.35	26.54
LTE Band71	20	133222	1	#Max	16QAM	20.88	24.07
LTE Band71	20	133222	50	#0	16QAM	21.01	24.20
LTE Band71	20	133222	50	#Mid	16QAM	21.00	24.19
LTE Band71	20	133222	50	#Max	16QAM	21.18	24.37
LTE Band71	20	133222	100	#0	16QAM	20.96	24.15
LTE Band71	20	133322	1	#0	QPSK	22.82	26.01
LTE Band71	20	133322	1	#Mid	QPSK	23.23	26.42
LTE Band71	20	133322	1	#Max	QPSK	21.73	24.92
LTE Band71	20	133322	50	#0	QPSK	21.98	25.17
LTE Band71	20	133322	50	#Mid	QPSK	21.99	25.18

LTE Band71	20	133322	50	#Max	QPSK	21.67	24.86
LTE Band71	20	133322	100	#0	QPSK	21.78	24.97
LTE Band71	20	133322	1	#0	16QAM	21.61	24.80
LTE Band71	20	133322	1	#Mid	16QAM	22.05	25.24
LTE Band71	20	133322	1	#Max	16QAM	20.53	23.72
LTE Band71	20	133322	50	#0	16QAM	20.95	24.14
LTE Band71	20	133322	50	#Mid	16QAM	20.96	24.15
LTE Band71	20	133322	50	#Max	16QAM	20.63	23.82
LTE Band71	20	133322	100	#0	16QAM	20.71	23.90
LTE Band71	20	133372	1	#0	QPSK	21.82	25.01
LTE Band71	20	133372	1	#Mid	QPSK	23.51	26.70
LTE Band71	20	133372	1	#Max	QPSK	21.37	24.56
LTE Band71	20	133372	50	#0	QPSK	21.65	24.84
LTE Band71	20	133372	50	#Mid	QPSK	21.65	24.84
LTE Band71	20	133372	50	#Max	QPSK	21.58	24.77
LTE Band71	20	133372	100	#0	QPSK	21.56	24.75
LTE Band71	20	133372	1	#0	16QAM	20.56	23.75
LTE Band71	20	133372	1	#Mid	16QAM	22.29	25.48
LTE Band71	20	133372	1	#Max	16QAM	20.13	23.32
LTE Band71	20	133372	50	#0	16QAM	20.67	23.86
LTE Band71	20	133372	50	#Mid	16QAM	20.67	23.86
LTE Band71	20	133372	50	#Max	16QAM	20.62	23.81
LTE Band71	20	133372	100	#0	16QAM	20.48	23.67

6.2. Occupied Bandwidth

Mode	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dB Bandwidth (MHz)
WCDMA Band II (RMC)	9262	1852.4	4.1056	4.692
	9400	1880	4.1309	4.688
	9538	1907.6	4.1224	4.674
WCDMA Band IV (RMC)	1312	1712.4	4.1155	4.674
	1413	1732.6	4.1088	4.685
	1513	1752.6	4.1140	4.677
WCDMA Band V (RMC)	4132	826.4	4.1127	4.695
	4183	836.6	4.1359	4.709
	4233	846.6	4.1052	4.670

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band2	1.4	18607	6	#0	QPSK	1.103	1.275
LTE Band2	1.4	18607	6	#0	QAM16	1.094	1.275
LTE Band2	1.4	18900	6	#0	QPSK	1.096	1.278
LTE Band2	1.4	18900	6	#0	QAM16	1.098	1.298
LTE Band2	1.4	19193	6	#0	QPSK	1.096	1.302
LTE Band2	1.4	19193	6	#0	QAM16	1.091	1.285
LTE Band2	3	18615	15	#0	QPSK	2.711	2.989
LTE Band2	3	18615	15	#0	QAM16	2.701	2.975
LTE Band2	3	18900	15	#0	QPSK	2.708	2.987
LTE Band2	3	18900	15	#0	QAM16	2.705	2.991
LTE Band2	3	19185	15	#0	QPSK	2.701	2.968
LTE Band2	3	19185	15	#0	QAM16	2.699	2.998
LTE Band2	5	18625	25	#0	QPSK	4.506	5.033
LTE Band2	5	18625	25	#0	QAM16	4.511	4.956
LTE Band2	5	18900	25	#0	QPSK	4.507	4.958
LTE Band2	5	18900	25	#0	QAM16	4.520	4.964
LTE Band2	5	19175	25	#0	QPSK	4.518	4.993
LTE Band2	5	19175	25	#0	QAM16	4.513	5.007
LTE Band2	10	18650	50	#0	QPSK	9.006	9.830
LTE Band2	10	18650	50	#0	QAM16	8.953	9.748
LTE Band2	10	18900	50	#0	QPSK	8.967	9.728
LTE Band2	10	18900	50	#0	QAM16	8.965	9.649
LTE Band2	10	19150	50	#0	QPSK	9.003	9.899
LTE Band2	10	19150	50	#0	QAM16	8.967	9.958
LTE Band2	15	18675	75	#0	QPSK	13.436	14.579
LTE Band2	15	18675	75	#0	QAM16	13.409	14.610

LTE Band2	15	18900	75	#0	QPSK	13.427	14.561
LTE Band2	15	18900	75	#0	QAM16	13.402	14.600
LTE Band2	15	19125	75	#0	QPSK	13.429	14.534
LTE Band2	15	19125	75	#0	QAM16	13.427	14.523
LTE Band2	20	18700	100	#0	QPSK	17.836	19.228
LTE Band2	20	18700	100	#0	QAM16	17.845	19.320
LTE Band2	20	18900	100	#0	QPSK	17.974	19.671
LTE Band2	20	18900	100	#0	QAM16	17.992	19.39
LTE Band2	20	19100	100	#0	QPSK	17.872	19.437
LTE Band2	20	19100	100	#0	QAM16	17.883	19.253

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	1.278
LTE Band4	1.4	19957	6	#0	QAM16	1.094	1.283
LTE Band4	1.4	20175	6	#0	QPSK	1.099	1.279
LTE Band4	1.4	20175	6	#0	QAM16	1.100	1.318
LTE Band4	1.4	20393	6	#0	QPSK	1.101	1.322
LTE Band4	1.4	20393	6	#0	QAM16	1.088	1.278
LTE Band4	3	19965	15	#0	QPSK	2.709	2.993
LTE Band4	3	19965	15	#0	QAM16	2.707	2.990
LTE Band4	3	20175	15	#0	QPSK	2.704	2.990
LTE Band4	3	20175	15	#0	QAM16	2.702	2.983
LTE Band4	3	20385	15	#0	QPSK	2.705	2.967
LTE Band4	3	20385	15	#0	QAM16	2.701	3.000
LTE Band4	5	19975	25	#0	QPSK	4.508	4.942
LTE Band4	5	19975	25	#0	QAM16	4.498	4.975
LTE Band4	5	20175	25	#0	QPSK	4.522	4.946
LTE Band4	5	20175	25	#0	QAM16	4.530	4.961
LTE Band4	5	20375	25	#0	QPSK	4.504	4.992
LTE Band4	5	20375	25	#0	QAM16	4.501	4.984
LTE Band4	10	20000	50	#0	QPSK	8.983	9.872
LTE Band4	10	20000	50	#0	QAM16	8.974	9.791
LTE Band4	10	20175	50	#0	QPSK	8.983	9.688
LTE Band4	10	20175	50	#0	QAM16	8.958	9.768
LTE Band4	10	20350	50	#0	QPSK	8.965	9.719
LTE Band4	10	20350	50	#0	QAM16	8.969	9.749
LTE Band4	15	20025	75	#0	QPSK	13.422	14.843
LTE Band4	15	20025	75	#0	QAM16	13.423	14.480
LTE Band4	15	20175	75	#0	QPSK	13.439	14.572
LTE Band4	15	20175	75	#0	QAM16	13.452	14.591
LTE Band4	15	20325	75	#0	QPSK	13.421	14.623

LTE Band4	15	20325	75	#0	QAM16	13.442	14.584
LTE Band4	20	20050	100	#0	QPSK	17.895	19.412
LTE Band4	20	20050	100	#0	QAM16	17.935	19.482
LTE Band4	20	20175	100	#0	QPSK	17.911	19.515
LTE Band4	20	20175	100	#0	QAM16	17.890	19.497
LTE Band4	20	20300	100	#0	QPSK	17.909	19.403
LTE Band4	20	20300	100	#0	QAM16	17.899	19.396

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band5	1.4	20407	6	#0	QPSK	1.097	1.275
LTE Band5	1.4	20407	6	#0	QAM16	1.102	1.278
LTE Band5	1.4	20525	6	#0	QPSK	1.088	1.280
LTE Band5	1.4	20525	6	#0	QAM16	1.100	1.304
LTE Band5	1.4	20643	6	#0	QPSK	1.099	1.276
LTE Band5	1.4	20643	6	#0	QAM16	1.090	1.284
LTE Band5	3	20415	15	#0	QPSK	2.706	3.002
LTE Band5	3	20415	15	#0	QAM16	2.698	2.975
LTE Band5	3	20525	15	#0	QPSK	2.697	2.955
LTE Band5	3	20525	15	#0	QAM16	2.696	2.969
LTE Band5	3	20635	15	#0	QPSK	2.698	2.959
LTE Band5	3	20635	15	#0	QAM16	2.701	2.973
LTE Band5	5	20425	25	#0	QPSK	4.509	4.971
LTE Band5	5	20425	25	#0	QAM16	4.509	4.985
LTE Band5	5	20525	25	#0	QPSK	4.494	4.925
LTE Band5	5	20525	25	#0	QAM16	4.531	4.966
LTE Band5	5	20625	25	#0	QPSK	4.502	4.928
LTE Band5	5	20625	25	#0	QAM16	4.489	4.963
LTE Band5	10	20450	50	#0	QPSK	8.986	9.789
LTE Band5	10	20450	50	#0	QAM16	8.954	9.816
LTE Band5	10	20525	50	#0	QPSK	8.954	9.758
LTE Band5	10	20525	50	#0	QAM16	8.943	9.616
LTE Band5	10	20600	50	#0	QPSK	8.940	9.657
LTE Band5	10	20600	50	#0	QAM16	8.952	9.776

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band7	5	20775	25	#0	QPSK	4.499	5.012
LTE Band7	5	20775	25	#0	QAM16	4.507	4.992
LTE Band7	5	21100	25	#0	QPSK	4.519	4.963
LTE Band7	5	21100	25	#0	QAM16	4.504	5.000

LTE Band7	5	21425	25	#0	QPSK	4.513	5.009
LTE Band7	5	21425	25	#0	QAM16	4.509	4.939
LTE Band7	10	20800	50	#0	QPSK	8.964	9.841
LTE Band7	10	20800	50	#0	QAM16	8.969	9.800
LTE Band7	10	21100	50	#0	QPSK	8.976	9.876
LTE Band7	10	21100	50	#0	QAM16	8.985	9.769
LTE Band7	10	21400	50	#0	QPSK	8.967	9.789
LTE Band7	10	21400	50	#0	QAM16	8.969	9.728
LTE Band7	15	20825	75	#0	QPSK	13.453	14.711
LTE Band7	15	20825	75	#0	QAM16	13.421	14.572
LTE Band7	15	21100	75	#0	QPSK	13.454	14.590
LTE Band7	15	21100	75	#0	QAM16	13.424	14.591
LTE Band7	15	21375	75	#0	QPSK	13.392	14.531
LTE Band7	15	21375	75	#0	QAM16	13.455	14.664
LTE Band7	20	20850	100	#0	QPSK	17.898	19.49
LTE Band7	20	20850	100	#0	QAM16	17.880	19.493
LTE Band7	20	21100	100	#0	QPSK	17.909	19.485
LTE Band7	20	21100	100	#0	QAM16	17.951	19.435
LTE Band7	20	21350	100	#0	QPSK	17.906	19.345
LTE Band7	20	21350	100	#0	QAM16	17.898	19.368

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band12	1.4	23017	6	#0	QPSK	1.103	1.277
LTE Band12	1.4	23017	6	#0	QAM16	1.100	1.279
LTE Band12	1.4	23095	6	#0	QPSK	1.092	1.283
LTE Band12	1.4	23095	6	#0	QAM16	1.103	1.306
LTE Band12	1.4	23173	6	#0	QPSK	1.096	1.295
LTE Band12	1.4	23173	6	#0	QAM16	1.098	1.284
LTE Band12	3	23025	15	#0	QPSK	2.712	2.998
LTE Band12	3	23025	15	#0	QAM16	2.698	2.991
LTE Band12	3	23095	15	#0	QPSK	2.696	2.979
LTE Band12	3	23095	15	#0	QAM16	2.694	2.976
LTE Band12	3	23165	15	#0	QPSK	2.700	2.968
LTE Band12	3	23165	15	#0	QAM16	2.699	2.995
LTE Band12	5	23035	25	#0	QPSK	4.497	4.906
LTE Band12	5	23035	25	#0	QAM16	4.492	4.929
LTE Band12	5	23095	25	#0	QPSK	4.504	4.948
LTE Band12	5	23095	25	#0	QAM16	4.505	4.943
LTE Band12	5	23155	25	#0	QPSK	4.494	4.983
LTE Band12	5	23155	25	#0	QAM16	4.509	5.057
LTE Band12	10	23060	50	#0	QPSK	8.976	9.698

LTE Band12	10	23060	50	#0	QAM16	8.976	9.802
LTE Band12	10	23095	50	#0	QPSK	8.988	9.900
LTE Band12	10	23095	50	#0	QAM16	9.013	9.859
LTE Band12	10	23130	50	#0	QPSK	8.963	9.838
LTE Band12	10	23130	50	#0	QAM16	8.996	9.864

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band13	5	23205	25	#0	QPSK	4.517	4.949
LTE Band13	5	23205	25	#0	QAM16	4.540	4.943
LTE Band13	5	23230	25	#0	QPSK	4.464	4.869
LTE Band13	5	23230	25	#0	QAM16	4.459	4.887
LTE Band13	5	23255	25	#0	QPSK	4.508	4.948
LTE Band13	5	23255	25	#0	QAM16	4.528	4.933
LTE Band13	10	23230	50	#0	QPSK	8.895	9.626
LTE Band13	10	23230	50	#0	QAM16	8.876	9.672

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band17	5	23755	25	#0	QPSK	4.506	4.929
LTE Band17	5	23755	25	#0	QAM16	4.526	5.009
LTE Band17	5	23790	25	#0	QPSK	4.509	4.965
LTE Band17	5	23790	25	#0	QAM16	4.503	4.958
LTE Band17	5	23825	25	#0	QPSK	4.507	4.968
LTE Band17	5	23825	25	#0	QAM16	4.510	4.943
LTE Band17	10	23780	50	#0	QPSK	8.983	9.704
LTE Band17	10	23780	50	#0	QAM16	9.000	9.714
LTE Band17	10	23790	50	#0	QPSK	8.980	9.876
LTE Band17	10	23790	50	#0	QAM16	8.975	9.740
LTE Band17	10	23800	50	#0	QPSK	8.993	9.913
LTE Band17	10	23800	50	#0	QAM16	8.989	9.608

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band25	1.4	26047	6	#0	QPSK	1.098	1.270
LTE Band25	1.4	26047	6	#0	QAM16	1.094	1.290
LTE Band25	1.4	26365	6	#0	QPSK	1.098	1.303
LTE Band25	1.4	26365	6	#0	QAM16	1.098	1.319
LTE Band25	1.4	26683	6	#0	QPSK	1.088	1.274
LTE Band25	1.4	26683	6	#0	QAM16	1.089	1.284

LTE Band25	3	26055	15	#0	QPSK	2.717	3.014
LTE Band25	3	26055	15	#0	QAM16	2.700	2.979
LTE Band25	3	26365	15	#0	QPSK	2.702	2.995
LTE Band25	3	26365	15	#0	QAM16	2.699	2.982
LTE Band25	3	26675	15	#0	QPSK	2.702	2.965
LTE Band25	3	26675	15	#0	QAM16	2.694	2.976
LTE Band25	5	26065	25	#0	QPSK	4.512	4.940
LTE Band25	5	26065	25	#0	QAM16	4.496	5.008
LTE Band25	5	26365	25	#0	QPSK	4.513	5.006
LTE Band25	5	26365	25	#0	QAM16	4.498	4.978
LTE Band25	5	26665	25	#0	QPSK	4.492	4.882
LTE Band25	5	26665	25	#0	QAM16	4.499	4.989
LTE Band25	10	26090	50	#0	QPSK	8.967	9.823
LTE Band25	10	26090	50	#0	QAM16	8.994	9.783
LTE Band25	10	26365	50	#0	QPSK	8.980	9.805
LTE Band25	10	26365	50	#0	QAM16	8.983	9.754
LTE Band25	10	26640	50	#0	QPSK	8.960	9.789
LTE Band25	10	26640	50	#0	QAM16	8.970	9.860
LTE Band25	15	26115	75	#0	QPSK	13.407	14.598
LTE Band25	15	26115	75	#0	QAM16	13.405	14.506
LTE Band25	15	26365	75	#0	QPSK	13.450	14.579
LTE Band25	15	26365	75	#0	QAM16	13.433	14.418
LTE Band25	15	26615	75	#0	QPSK	13.510	14.767
LTE Band25	15	26615	75	#0	QAM16	13.501	14.638
LTE Band25	20	26140	100	#0	QPSK	17.808	19.364
LTE Band25	20	26140	100	#0	QAM16	17.845	19.244
LTE Band25	20	26365	100	#0	QPSK	17.953	19.49
LTE Band25	20	26365	100	#0	QAM16	17.965	19.428
LTE Band25	20	26590	100	#0	QPSK	17.955	19.386
LTE Band25	20	26590	100	#0	QAM16	17.975	19.399

Part 22:

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band26	1.4	26797	6	#0	QPSK	1.100	1.273
LTE Band26	1.4	26797	6	#0	QAM16	1.102	1.306
LTE Band26	1.4	26915	6	#0	QPSK	1.098	1.304
LTE Band26	1.4	26915	6	#0	QAM16	1.093	1.280
LTE Band26	1.4	27033	6	#0	QPSK	1.109	1.259
LTE Band26	1.4	27033	6	#0	QAM16	1.102	1.272
LTE Band26	3	26805	15	#0	QPSK	2.714	2.991
LTE Band26	3	26805	15	#0	QAM16	2.702	2.991

LTE Band26	3	26915	15	#0	QPSK	2.699	2.975
LTE Band26	3	26915	15	#0	QAM16	2.700	2.971
LTE Band26	3	27025	15	#0	QPSK	2.703	2.961
LTE Band26	3	27025	15	#0	QAM16	2.701	2.982
LTE Band26	5	26815	25	#0	QPSK	4.530	5.019
LTE Band26	5	26815	25	#0	QAM16	4.505	4.968
LTE Band26	5	26915	25	#0	QPSK	4.506	4.944
LTE Band26	5	26915	25	#0	QAM16	4.506	4.972
LTE Band26	5	27015	25	#0	QPSK	4.492	4.979
LTE Band26	5	27015	25	#0	QAM16	4.505	4.945
LTE Band26	10	26840	50	#0	QPSK	8.981	9.821
LTE Band26	10	26840	50	#0	QAM16	8.954	9.824
LTE Band26	10	26915	50	#0	QPSK	8.966	9.722
LTE Band26	10	26915	50	#0	QAM16	8.946	9.705
LTE Band26	10	26990	50	#0	QPSK	8.953	9.907
LTE Band26	10	26990	50	#0	QAM16	8.939	9.734
LTE Band26	15	26865	75	#0	QPSK	13.460	14.620
LTE Band26	15	26865	75	#0	QAM16	13.384	14.496
LTE Band26	15	26915	75	#0	QPSK	13.402	14.441
LTE Band26	15	26915	75	#0	QAM16	13.391	14.504
LTE Band26	15	26965	75	#0	QPSK	13.399	14.549
LTE Band26	15	26965	75	#0	QAM16	13.393	14.455

Part 90:

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band26	1.4	26697	6	#0	QPSK	1.099	1.285
LTE Band26	1.4	26697	6	#0	QAM16	1.099	1.264
LTE Band26	1.4	26740	6	#0	QPSK	1.096	1.291
LTE Band26	1.4	26740	6	#0	QAM16	1.095	1.291
LTE Band26	1.4	26783	6	#0	QPSK	1.092	1.309
LTE Band26	1.4	26783	6	#0	QAM16	1.088	1.262
LTE Band26	3	26705	15	#0	QPSK	2.714	2.96
LTE Band26	3	26705	15	#0	QAM16	2.700	2.987
LTE Band26	3	26740	15	#0	QPSK	2.693	2.986
LTE Band26	3	26740	15	#0	QAM16	2.696	2.99
LTE Band26	3	26775	15	#0	QPSK	2.698	3.008
LTE Band26	3	26775	15	#0	QAM16	2.702	2.988
LTE Band26	5	26715	25	#0	QPSK	4.512	4.950
LTE Band26	5	26715	25	#0	QAM16	4.498	4.971
LTE Band26	5	26740	25	#0	QPSK	4.515	4.986
LTE Band26	5	26740	25	#0	QAM16	4.500	4.985

LTE Band26	5	26765	25	#0	QPSK	4.505	4.957
LTE Band26	5	26765	25	#0	QAM16	4.503	5.020
LTE Band26	10	26740	50	#0	QPSK	8.953	9.766
LTE Band26	10	26740	50	#0	QAM16	8.973	9.771

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band41	5	39675	25	#0	QPSK	4.489	4.898
LTE Band41	5	39675	25	#0	QAM16	4.495	4.937
LTE Band41	5	40620	25	#0	QPSK	4.511	5.469
LTE Band41	5	40620	25	#0	QAM16	4.481	4.859
LTE Band41	5	41565	25	#0	QPSK	4.514	4.879
LTE Band41	5	41565	25	#0	QAM16	4.514	5.650
LTE Band41	10	39700	50	#0	QPSK	8.974	9.938
LTE Band41	10	39700	50	#0	QAM16	8.969	9.771
LTE Band41	10	40620	50	#0	QPSK	8.968	10.004
LTE Band41	10	40620	50	#0	QAM16	8.969	10.006
LTE Band41	10	41540	50	#0	QPSK	8.965	9.629
LTE Band41	10	41540	50	#0	QAM16	8.978	9.810
LTE Band41	15	39725	75	#0	QPSK	13.450	14.655
LTE Band41	15	39725	75	#0	QAM16	13.407	14.247
LTE Band41	15	40620	75	#0	QPSK	13.405	14.574
LTE Band41	15	40620	75	#0	QAM16	13.407	14.639
LTE Band41	15	41515	75	#0	QPSK	13.390	14.401
LTE Band41	15	41515	75	#0	QAM16	13.460	15.092
LTE Band41	20	39750	100	#0	QPSK	17.927	19.436
LTE Band41	20	39750	100	#0	QAM16	17.894	20.929
LTE Band41	20	40620	100	#0	QPSK	17.954	20.092
LTE Band41	20	40620	100	#0	QAM16	17.909	19.523
LTE Band41	20	41490	100	#0	QPSK	17.896	19.445
LTE Band41	20	41490	100	#0	QAM16	17.875	19.489

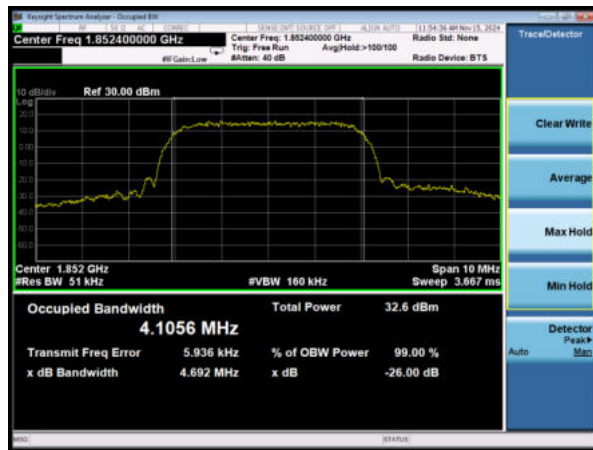
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band66	1.4	131979	6	#0	QPSK	1.097	1.283
LTE Band66	1.4	131979	6	#0	QAM16	1.104	1.290
LTE Band66	1.4	132322	6	#0	QPSK	1.102	1.290
LTE Band66	1.4	132322	6	#0	QAM16	1.107	1.295
LTE Band66	1.4	132665	6	#0	QPSK	1.099	1.277
LTE Band66	1.4	132665	6	#0	QAM16	1.094	1.270
LTE Band66	3	131987	15	#0	QPSK	2.706	2.970

LTE Band66	3	131987	15	#0	QAM16	2.697	2.992
LTE Band66	3	132322	15	#0	QPSK	2.701	2.979
LTE Band66	3	132322	15	#0	QAM16	2.702	2.986
LTE Band66	3	132657	15	#0	QPSK	2.695	2.980
LTE Band66	3	132657	15	#0	QAM16	2.703	2.989
LTE Band66	5	131997	25	#0	QPSK	4.528	5.020
LTE Band66	5	131997	25	#0	QAM16	4.497	4.959
LTE Band66	5	132322	25	#0	QPSK	4.513	4.913
LTE Band66	5	132322	25	#0	QAM16	4.510	4.933
LTE Band66	5	132647	25	#0	QPSK	4.500	4.920
LTE Band66	5	132647	25	#0	QAM16	4.516	4.965
LTE Band66	10	132022	50	#0	QPSK	8.979	9.891
LTE Band66	10	132022	50	#0	QAM16	8.955	9.831
LTE Band66	10	132322	50	#0	QPSK	8.958	9.863
LTE Band66	10	132322	50	#0	QAM16	8.969	9.881
LTE Band66	10	132622	50	#0	QPSK	8.953	9.817
LTE Band66	10	132622	50	#0	QAM16	8.967	9.860
LTE Band66	15	132047	75	#0	QPSK	13.436	14.526
LTE Band66	15	132047	75	#0	QAM16	13.409	14.478
LTE Band66	15	132322	75	#0	QPSK	13.424	14.498
LTE Band66	15	132322	75	#0	QAM16	13.384	14.588
LTE Band66	15	132597	75	#0	QPSK	13.392	14.474
LTE Band66	15	132597	75	#0	QAM16	13.447	14.448
LTE Band66	20	132072	100	#0	QPSK	17.904	19.437
LTE Band66	20	132072	100	#0	QAM16	17.917	19.422
LTE Band66	20	132322	100	#0	QPSK	17.883	19.440
LTE Band66	20	132322	100	#0	QAM16	17.938	19.371
LTE Band66	20	132572	100	#0	QPSK	17.878	19.317
LTE Band66	20	132572	100	#0	QAM16	17.901	19.317

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
LTE Band71	5	133147	25	#0	QPSK	4.502	4.978
LTE Band71	5	133147	25	#0	QAM16	4.512	4.942
LTE Band71	5	133297	25	#0	QPSK	4.515	4.987
LTE Band71	5	133297	25	#0	QAM16	4.499	4.957
LTE Band71	5	133447	25	#0	QPSK	4.508	4.949
LTE Band71	5	133447	25	#0	QAM16	4.511	4.979
LTE Band71	10	133172	50	#0	QPSK	9.008	9.755
LTE Band71	10	133172	50	#0	QAM16	8.967	9.819
LTE Band71	10	133297	50	#0	QPSK	8.977	9.761
LTE Band71	10	133297	50	#0	QAM16	8.990	9.738

LTE Band71	10	133422	50	#0	QPSK	9.005	9.819
LTE Band71	10	133422	50	#0	QAM16	8.969	9.767
LTE Band71	15	133197	75	#0	QPSK	13.455	14.623
LTE Band71	15	133197	75	#0	QAM16	13.419	14.437
LTE Band71	15	133297	75	#0	QPSK	13.423	14.662
LTE Band71	15	133297	75	#0	QAM16	13.445	14.485
LTE Band71	15	133397	75	#0	QPSK	13.439	14.442
LTE Band71	15	133397	75	#0	QAM16	13.433	14.498
LTE Band71	20	133222	100	#0	QPSK	17.910	19.435
LTE Band71	20	133222	100	#0	QAM16	17.848	19.354
LTE Band71	20	133322	100	#0	QPSK	17.835	19.302
LTE Band71	20	133322	100	#0	QAM16	17.871	19.326
LTE Band71	20	133372	100	#0	QPSK	17.867	19.420
LTE Band71	20	133372	100	#0	QAM16	17.909	19.367

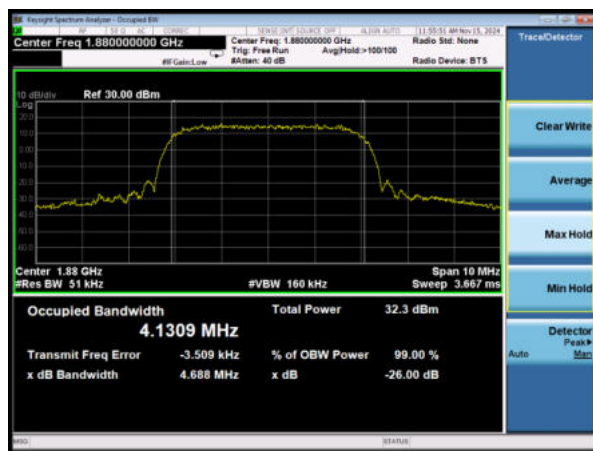
WCDMA Band II RMC CH-Low



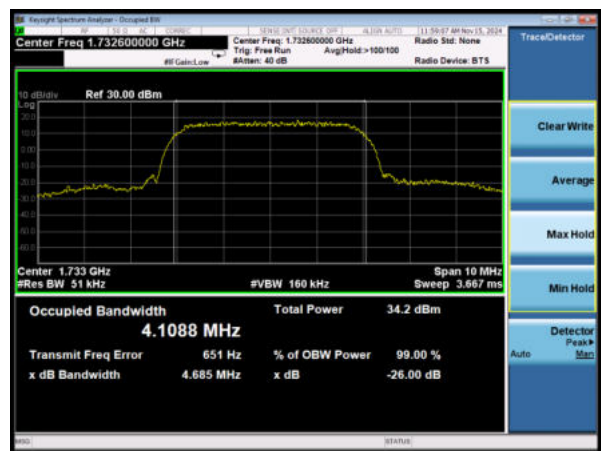
WCDMA Band IV CH-Low



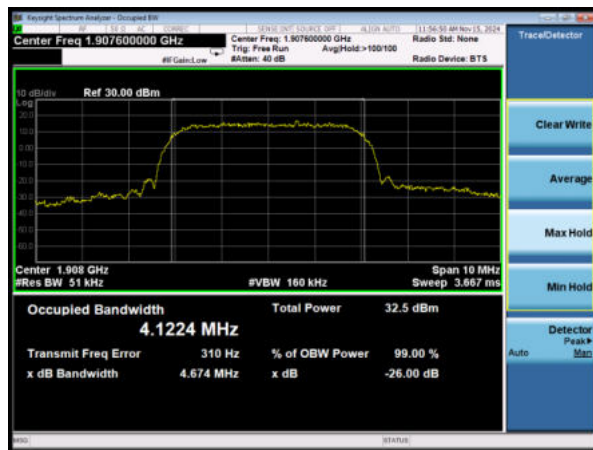
WCDMA Band II RMC CH-Middle



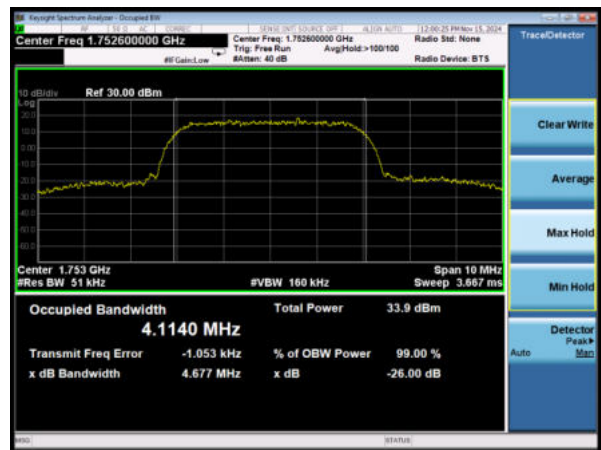
WCDMA Band IV CH-Middle



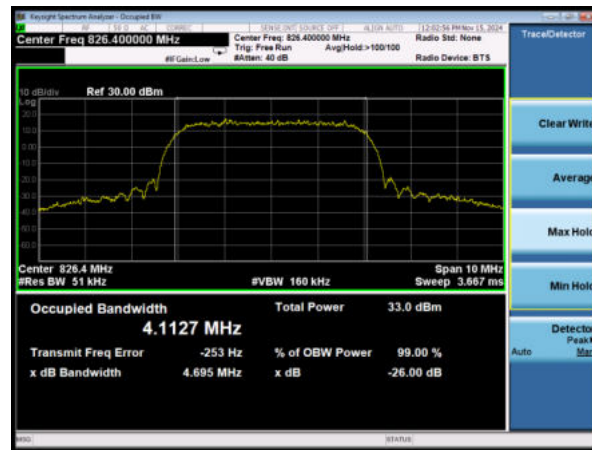
WCDMA Band II RMC CH-High



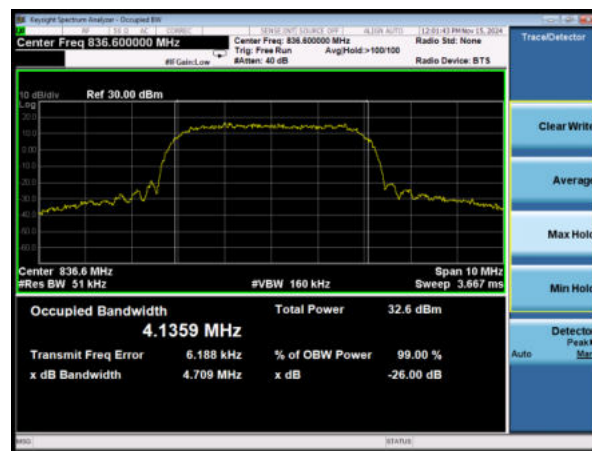
WCDMA Band IV CH-High



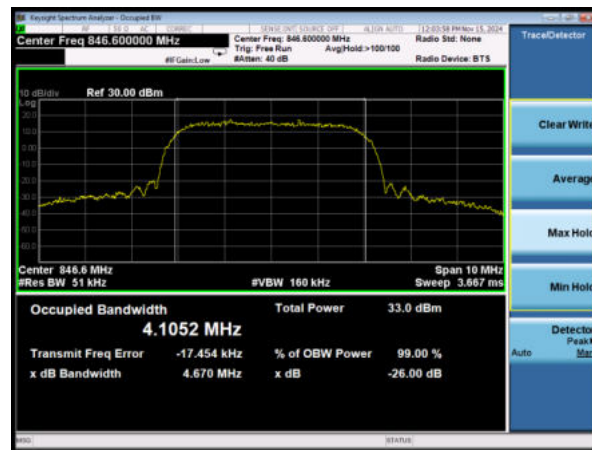
WCDMA Band V CH-Low



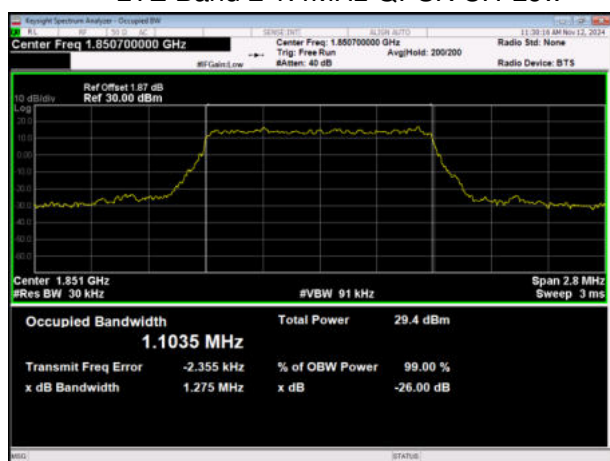
WCDMA Band V CH-Middle



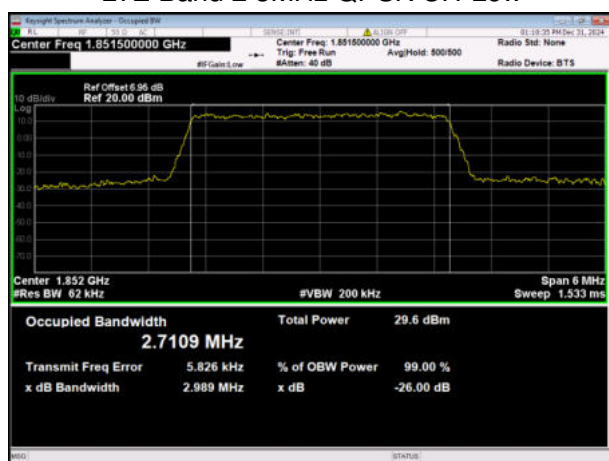
WCDMA Band V CH-High



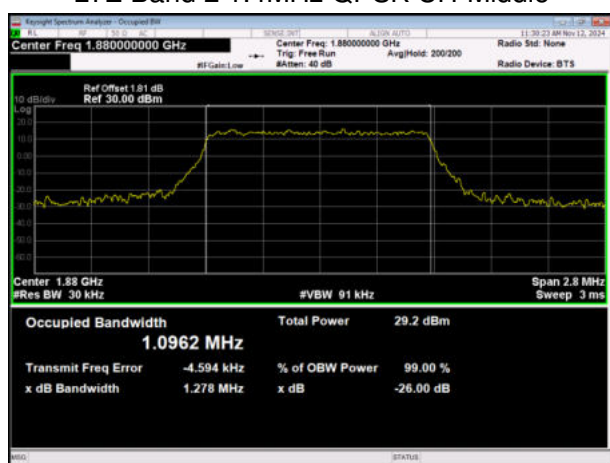
LTE Band 2 1.4MHz QPSK CH-Low



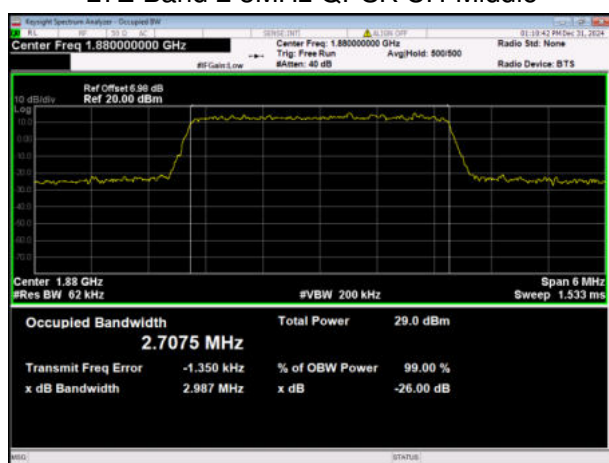
LTE Band 2 3MHz QPSK CH-Low



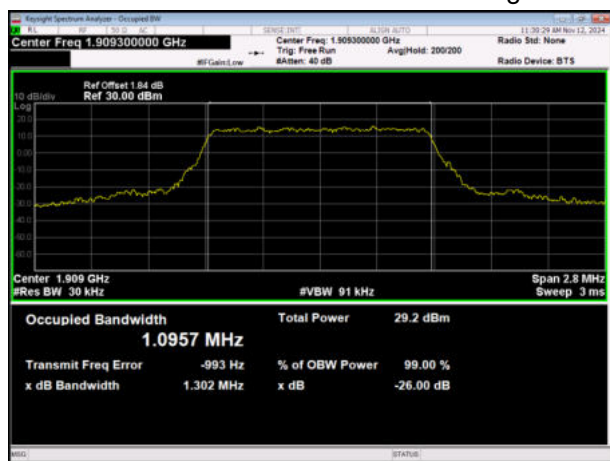
LTE Band 2 1.4MHz QPSK CH-Middle



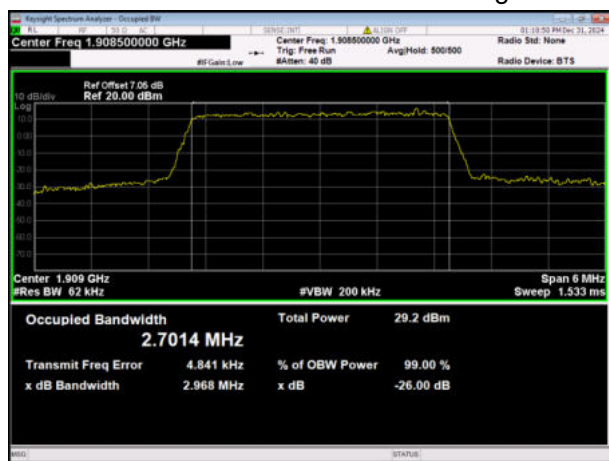
LTE Band 2 3MHz QPSK CH-Middle



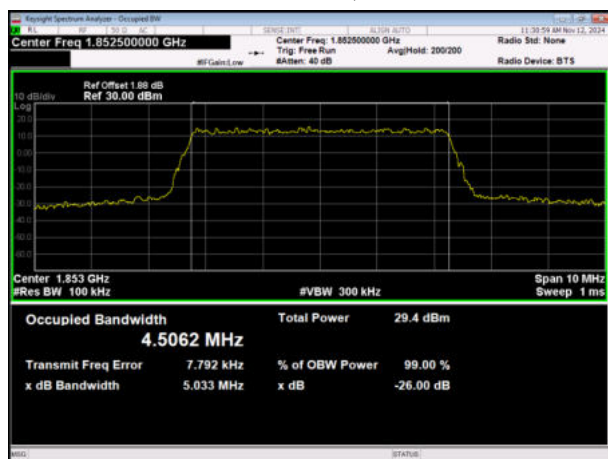
LTE Band 2 1.4MHz QPSK CH-High



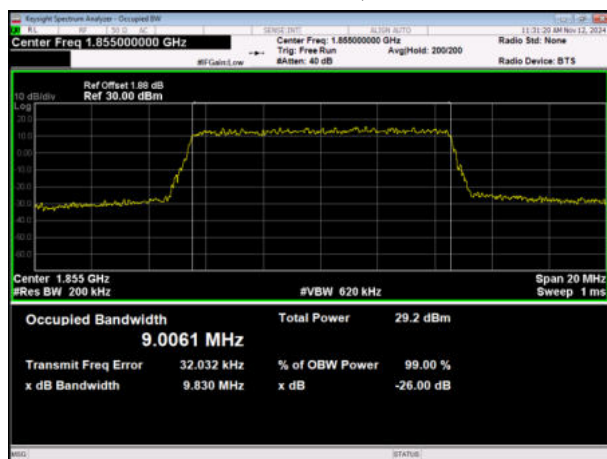
LTE Band 2 3MHz QPSK CH-High



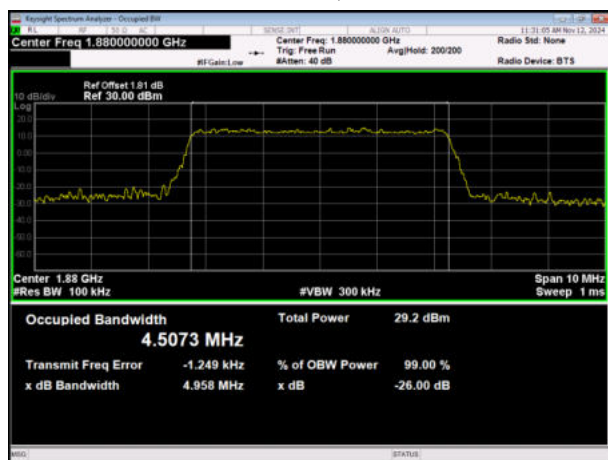
LTE Band 2 5MHz QPSK CH-Low



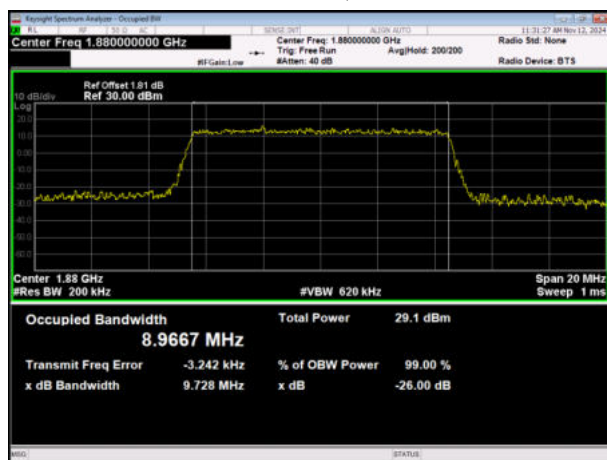
LTE Band 2 10MHz QPSK CH-Low



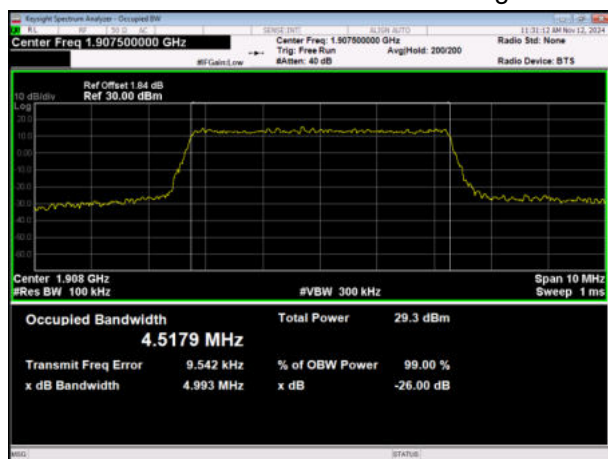
LTE Band 2 5MHz QPSK CH-Middle



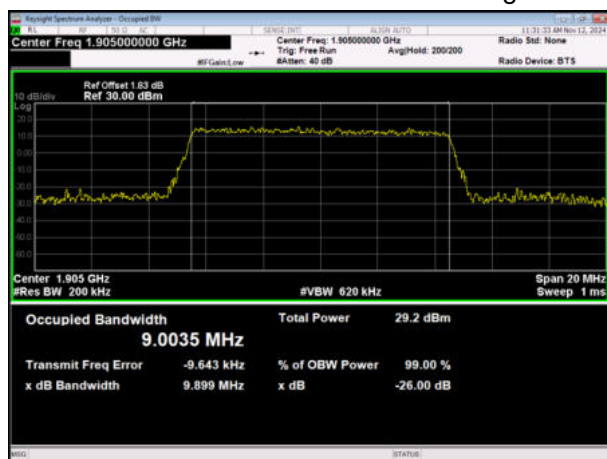
LTE Band 2 10MHz QPSK CH-Middle



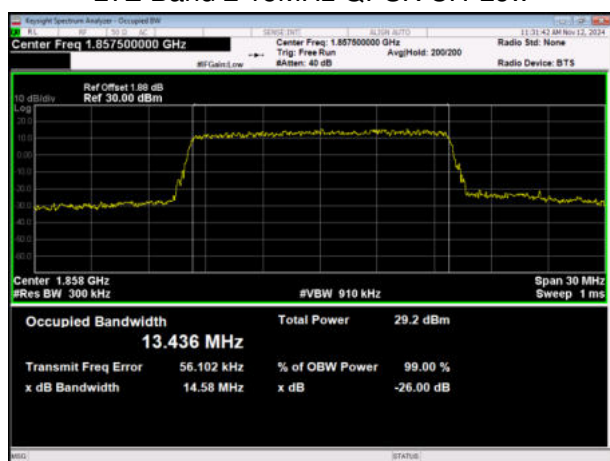
LTE Band 2 5MHz QPSK CH-High



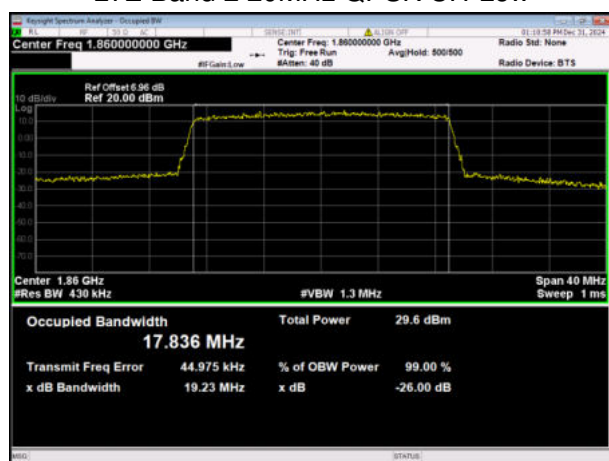
LTE Band 2 10MHz QPSK CH-High



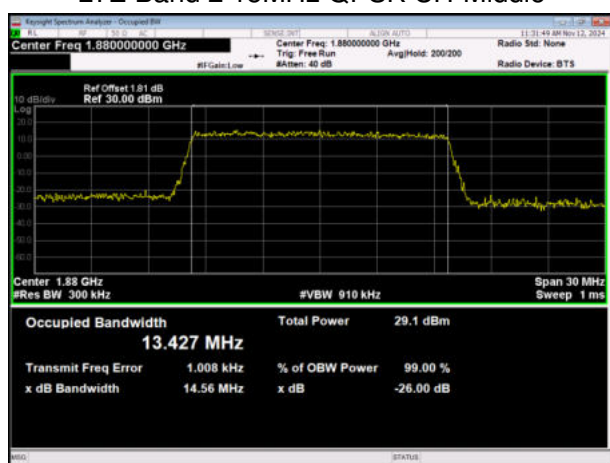
LTE Band 2 15MHz QPSK CH-Low



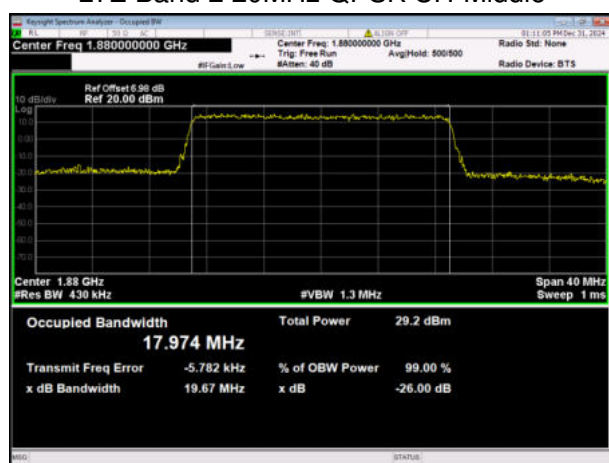
LTE Band 2 20MHz QPSK CH-Low



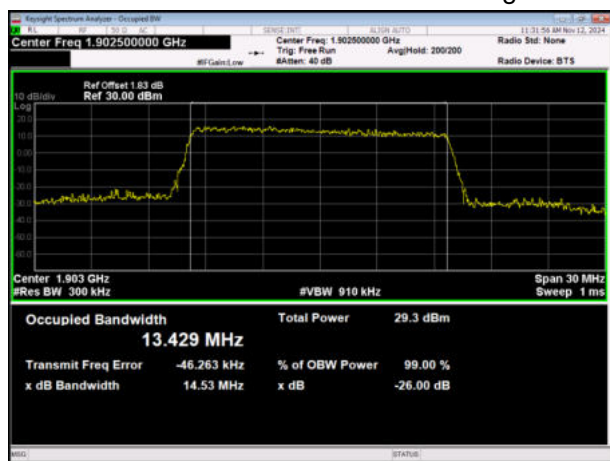
LTE Band 2 15MHz QPSK CH-Middle



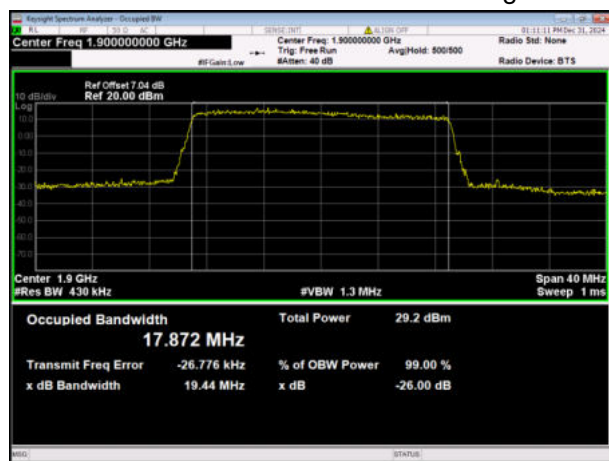
LTE Band 2 20MHz QPSK CH-Middle



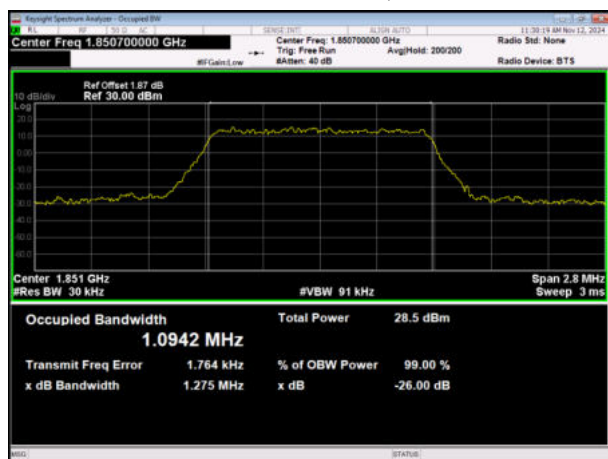
LTE Band 2 15MHz QPSK CH-High



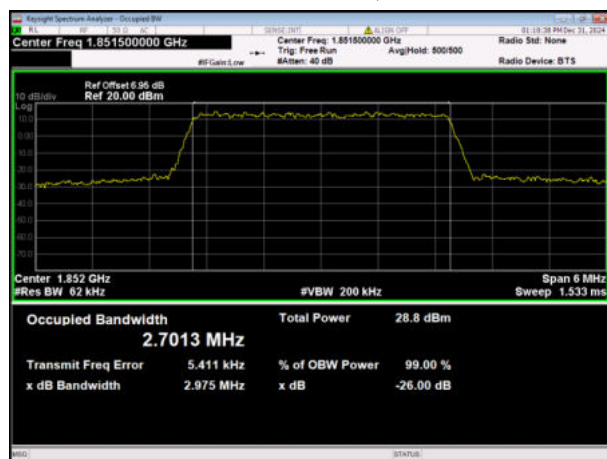
LTE Band 2 20MHz QPSK CH-High



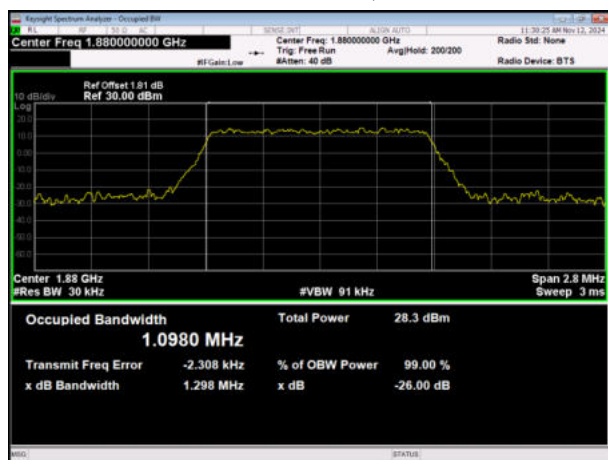
LTE Band 2 1.4MHz 16QAM CH-Low



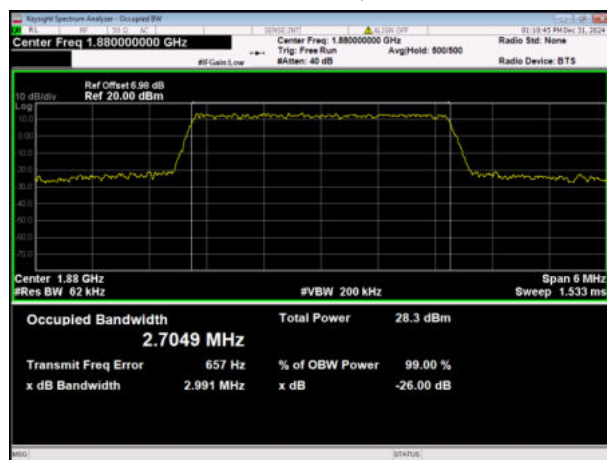
LTE Band 2 3MHz 16QAM CH-Low



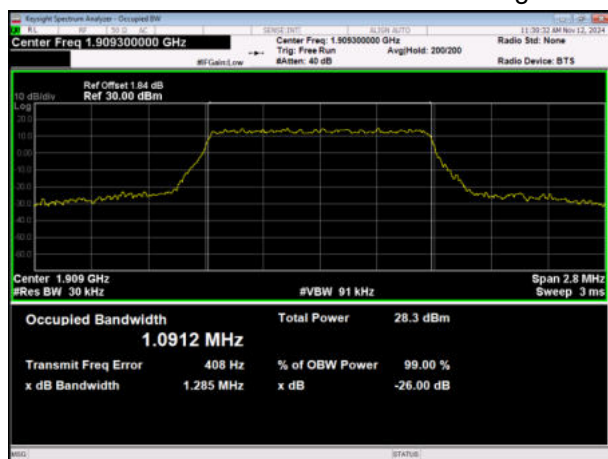
LTE Band 2 1.4MHz 16QAM CH-Middle



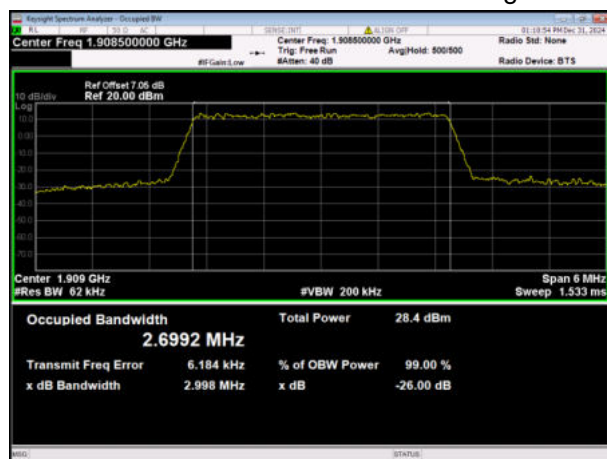
LTE Band 2 3MHz 16QAM CH-Middle



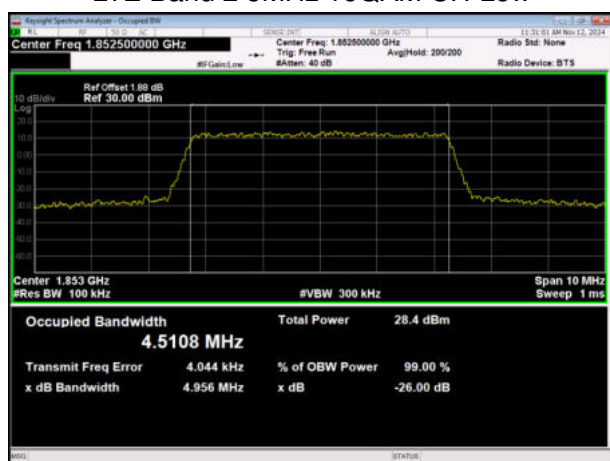
LTE Band 2 1.4MHz 16QAM CH-High



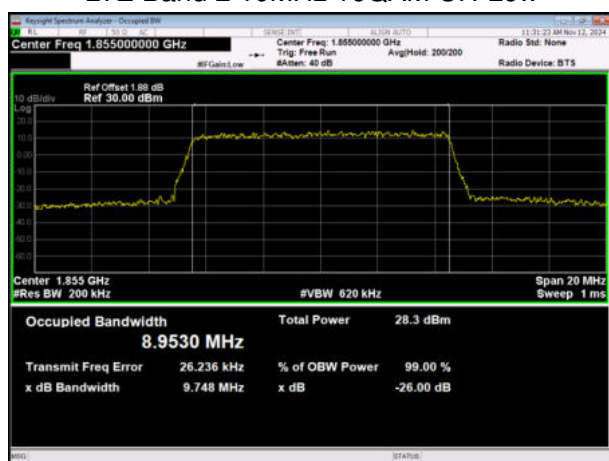
LTE Band 2 3MHz 16QAM CH-High



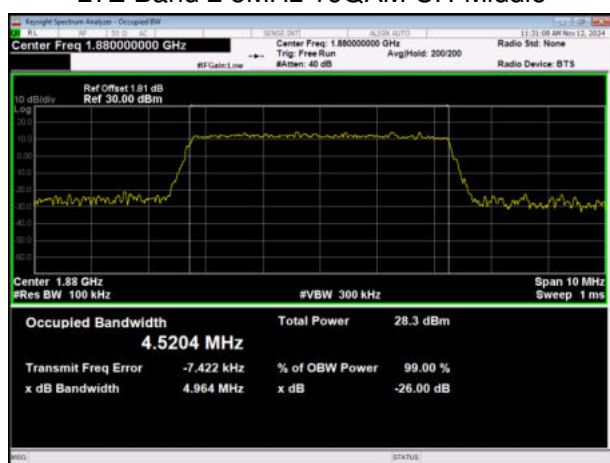
LTE Band 2 5MHz 16QAM CH-Low



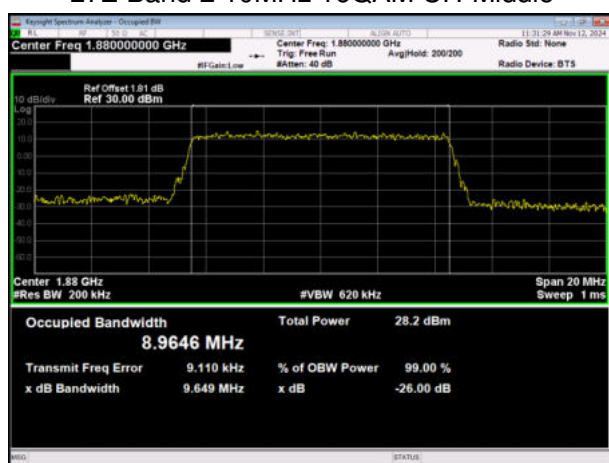
LTE Band 2 10MHz 16QAM CH-Low



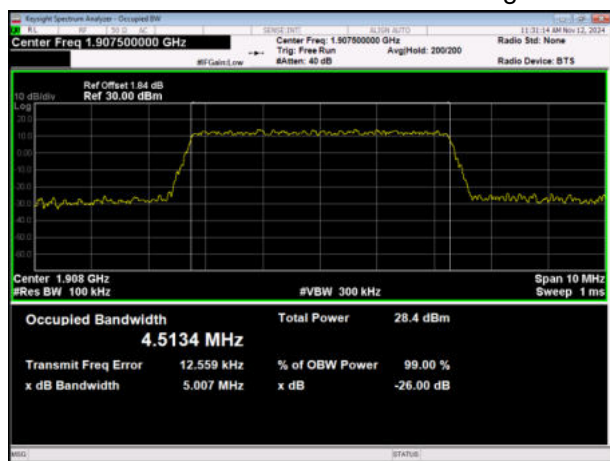
LTE Band 2 5MHz 16QAM CH-Middle



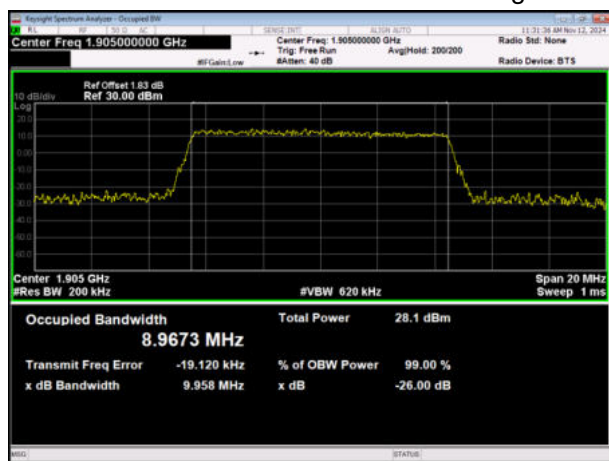
LTE Band 2 10MHz 16QAM CH-Middle



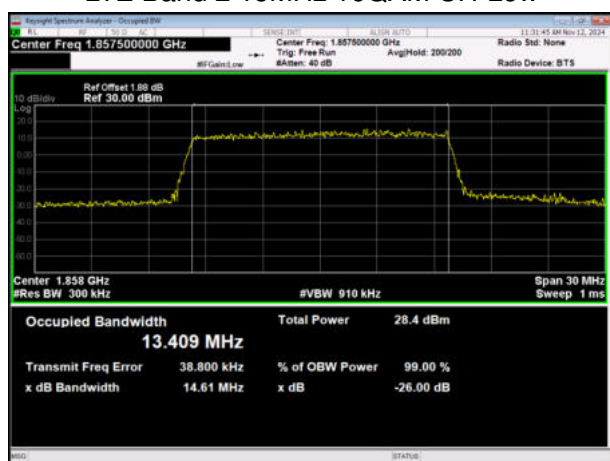
LTE Band 2 5MHz 16QAM CH-High



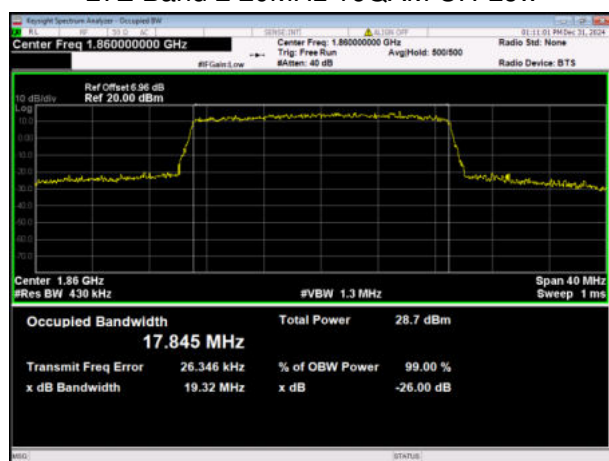
LTE Band 2 10MHz 16QAM CH-High



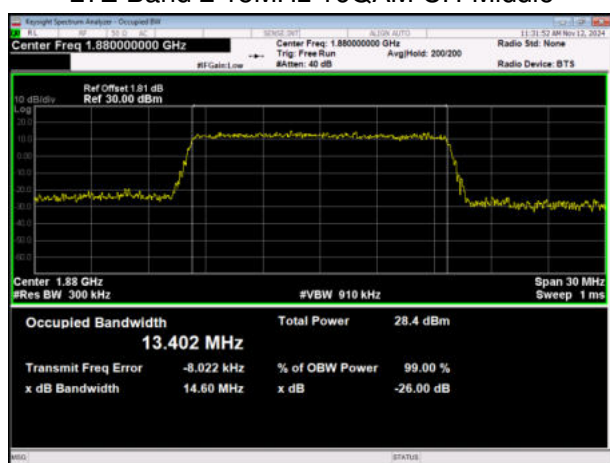
LTE Band 2 15MHz 16QAM CH-Low



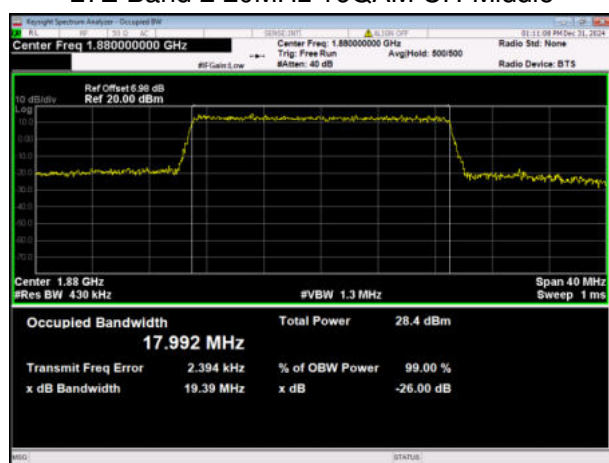
LTE Band 2 20MHz 16QAM CH-Low



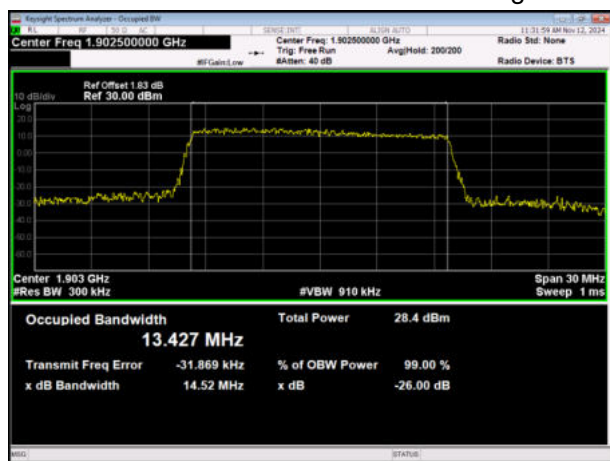
LTE Band 2 15MHz 16QAM CH-Middle



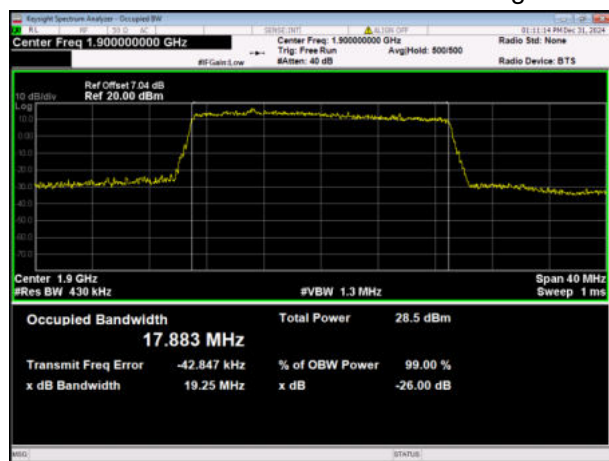
LTE Band 2 20MHz 16QAM CH-Middle



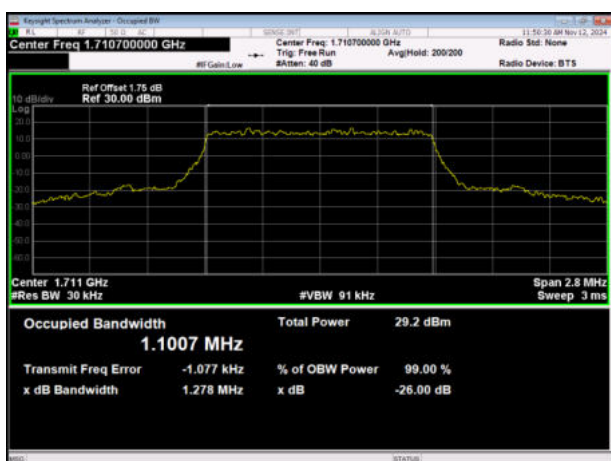
LTE Band 2 15MHz 16QAM CH-High



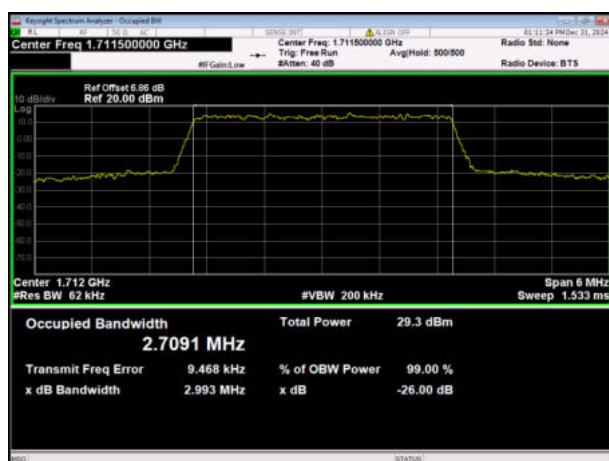
LTE Band 2 20MHz 16QAM CH-High



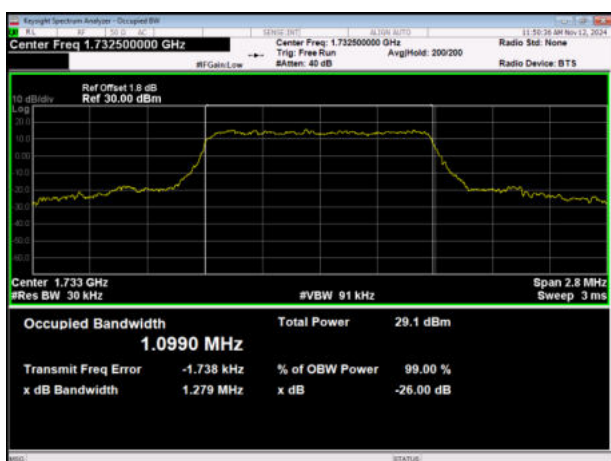
LTE Band 4 QPSK 1.4MHz CH-Low



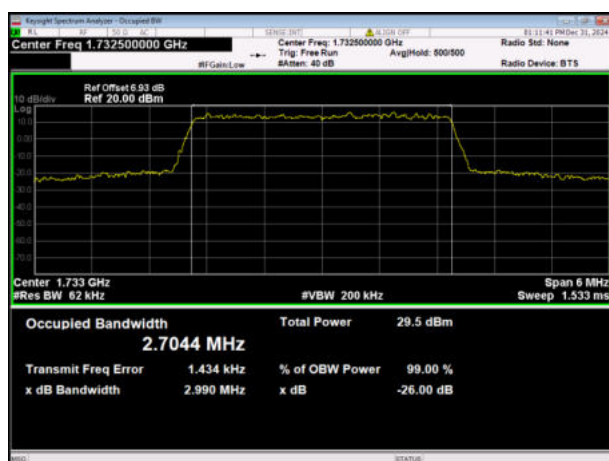
LTE Band 4 QPSK 3MHz CH-Low



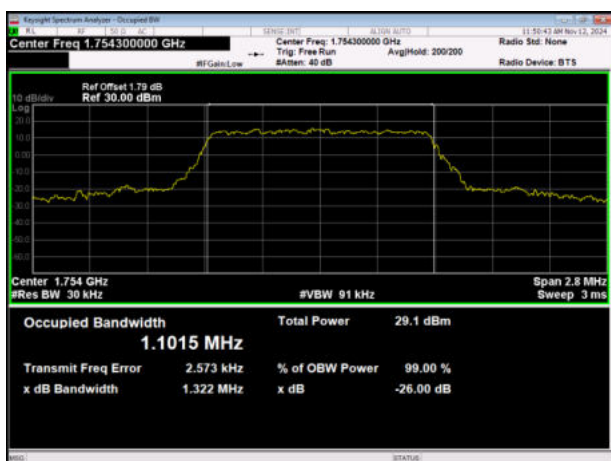
LTE Band 4 QPSK 1.4MHz CH-Middle



LTE Band 4 QPSK 3MHz CH-Middle



LTE Band 4 QPSK 1.4MHz CH-High



LTE Band 4 QPSK 3MHz CH-High

