

RF TEST REPORT

Applicant	Dspread Technology(Beijing) Inc
FCC ID	2AGQ6-D50
Product	Smart POS
Brand	Dspread
Model	D50
Report No.	EFTA25020087-IE-08-R1V1
Issue Date	May 20, 2025

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

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Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	April 28, 2025
Rev.1	Updated data.	May 20, 2025
Note: This revised report (Report No.: EFTA25020087-IE-08-R1V1) supersedes and replaces the previously issued report (Report No.: EFTA25020087-IE-08-R1). Please discard or destroy the previously issued report and dispose of it accordingly.		

Summary of Measurement Results

Test Case	Clause in FCC rules	Limits	Verdict
GSM 850; WCDMA Band 5; LTE Band 5/26 (824-849MHz)			
RF Power Output and Effective Radiated Power	2.1046 22.913(a)(5)	≤ 7 W (38.45 dBm)	PASS
Occupied Bandwidth	2.1049	No specific requirements	PASS
Band Edge Compliance	2.1051 22.917(a)	≤ -13 dBm	PASS
Peak-to-Average Power Ratio	22.913(d) KDB 971168 D01(5.7)	≤ 13 dB	PASS
Frequency Stability	2.1055 22.355(d)(1)	≤ 2.5 ppm	PASS
Spurious Emissions at Antenna Terminals	2.1051 22.917(a)	≤ -13 dBm	PASS
Radiated Spurious Emission	2.1053 22.917 (a)	≤ -13 dBm	PASS
GSM 1900; WCDMA Band 2; LTE Band 2/25			
RF Power Output and Effective Isotropic Radiated Power	2.1046 24.232(c)	≤ 2 W (33 dBm)	PASS
Occupied Bandwidth	2.1049	No specific requirements	PASS
Band Edge Compliance	2.1051 24.238(a)	≤ -13 dBm	PASS
Peak-to-Average Power Ratio	24.232 (d) KDB 971168 D01(5.7)	≤ 13 dB	PASS
Frequency Stability	2.1055 24.235	The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.	PASS
Spurious Emissions at Antenna Terminals	2.1051 24.238(a)	≤ -13 dBm	PASS
Radiated Spurious Emission	2.1053 24.238(a)	≤ -13 dBm	PASS
WCDMA Band 4; LTE Band 4/66			
RF Power Output and Effective Isotropic Radiated Power	2.1046 27.50(d)(4)	≤ 1 W (30 dBm)	PASS
Occupied Bandwidth	2.1049	No specific requirements	PASS
Band Edge Compliance	2.1051 27.53(h)	≤ -13 dBm	PASS
Peak-to-Average Power Ratio	27.50(d)(5) KDB971168 D01(5.7)	≤ 13 dB	PASS

Test Case	Clause in FCC rules	Limits	Verdict
Frequency Stability	2.1055 27.54	Shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.	PASS
Spurious Emissions at Antenna Terminals	2.1051 27.53(h)	≤ -13 dBm	PASS
Radiated Spurious Emission	2.1053 27.53(h)	≤ -13 dBm	PASS
LTE Band 7/38/41			
RF Power Output and Effective Isotropic Radiated Power	2.1046 27.50(h)(2)	≤ 2 W (33 dBm)	PASS
Occupied Bandwidth	2.1049	No specific requirements	PASS
Band Edge Compliance	2.1051 27.53(m)(4)	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)(6) 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.	PASS
Peak-to-Average Power Ratio	27.50(d)(5) KDB971168 D01(5.7)	≤ 13 dB	PASS
Frequency Stability	2.1055 27.54	Shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.	PASS
Spurious Emissions at Antenna Terminals	2.1051 27.53(m)	≤ -25 dBm	PASS

Test Case	Clause in FCC rules	Limits	Verdict							
Radiated Spurious Emission	2.1053 27.53(m)	≤ -25 dBm	PASS							
LTE Band 12/17										
RF Power Output and Effective Radiated Power	2.1046 27.50(c)(10)	≤ 3 W (34.77 dBm)	PASS							
Occupied Bandwidth	2.1049	No specific requirements	PASS							
Band Edge Compliance	2.1051 27.53(g)	≤ -13 dBm	PASS							
Peak-to-Average Power Ratio	KDB971168 D01(5.7)	≤ 13 dB	PASS							
Frequency Stability	2.1055 27.54	Shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.	PASS							
Spurious Emissions at Antenna Terminals	2.1051 27.53(g)	≤ -13 dBm	PASS							
Radiated Spurious Emission	2.1053 27.53(g)	≤ -13 dBm	PASS							
LTE Band 26 (814-824MHz)										
RF Power Output and Effective Radiated Power	2.1046 90.635(b)	≤ 100 W (50 dBm)	PASS							
Occupied Bandwidth	2.1049	No specific requirements	PASS							
Emission Masks	2.1051 90.691(a)(1)	For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log ₁₀ (f/6.1) decibels or 50 + 10 Log ₁₀ (P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.	PASS							
Peak-to-Average Power Ratio	KDB 971168 D01(5.7)	≤ 13 dB	PASS							
Frequency Stability	2.1055 90.213	<table><tr><td rowspan="3">Fixed and base stations</td><td colspan="2">Mobile stations</td></tr><tr><td>Over 2 watts output power</td><td>2 watts or less output power</td></tr><tr><td>1.5</td><td>2.5</td></tr></table>	Fixed and base stations	Mobile stations		Over 2 watts output power	2 watts or less output power	1.5	2.5	PASS
Fixed and base stations	Mobile stations									
	Over 2 watts output power	2 watts or less output power								
	1.5	2.5								
Spurious Emissions at Antenna Terminals	2.1051 90.691	≤ -13 dBm	PASS							
Radiated Spurious Emission	2.1053 90.691	≤ -13 dBm	PASS							
Date of Testing: February 20, 2025~ March 25, 2025										

Test Case	Clause in FCC rules	Limits	Verdict
Date of Sample Received: February 18, 2025			
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.
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2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

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

2.2 General information

EUT Description				
Model	D50			
Lab internal SN	EFTA25020087-IE-08/S01			
Hardware Version	V1.1			
Software Version	V1.0			
Power Supply	AC adapter			
Antenna Type	IFA Antenna			
Rated Power Supply Voltage	5 Vdc			
Operating Voltage	Minimum: 4.85 Vdc Maximum: 5.25 Vdc			
Operating Temperature	Lowest: -10°C Highest: +55°C			
Testing Temperature	Lowest: -30°C Highest: +50°C			
Operating Frequency Range(s)	Mode	Tx (MHz)	Rx (MHz)	Gain (dBi)
	GSM850	824 ~ 849	869 ~ 894	-3.86
	GSM1900	1850 ~ 1910	1930 ~ 1990	-0.81
	WCDMA Band II	1850 ~ 1910	1930 ~ 1990	-0.81
	WCDMA Band IV	1710 ~ 1755	2110 ~ 2155	-2.00
	WCDMA Band V	824 ~ 849	869 ~ 894	-3.86
	LTE Band 2	1850 ~ 1910	1930 ~ 1990	-0.81
	LTE Band 4	1710 ~ 1755	2110 ~ 2155	-2.00
	LTE Band 5	824 ~ 849	869 ~ 894	-3.86
	LTE Band 7	2500 ~ 2570	2620 ~ 2690	2.01
	LTE Band 12	699 ~ 716	729 ~ 746	-5.80
	LTE Band 17	704 ~ 716	734 ~ 746	-5.80
	LTE Band 25	1850 ~ 1915	1930 ~ 1995	-0.81
	LTE Band 26 (824 ~ 849)	824 ~ 849	869 ~ 894	-3.86
	LTE Band 26 (814 ~ 824)	814 ~ 824	859 ~ 869	-3.86
	LTE Band 38	2570 ~ 2620	2570 ~ 2620	2.12

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	LTE Band 41	2535 ~ 2655	2535 ~ 2655	2.12
	LTE Band 66	1710 ~ 1780	2110 ~ 2180	-1.08
Test Modulation	(GSM/GPRS)GMSK, (EGPRS) GMSK/ 8PSK; (WCDMA) BPSK, QPSK; (LTE) QPSK, 16QAM, 64QAM;			
GPRS Multislot Class	12			
EGPRS Multislot Class	12			
HSDPA UE Category	24			
HSUPA UE Category	7			
DC-HSDPA UE Category	24			
LTE Category	4			
Power Class	GSM 850: 4 GSM 1900: 1 WCDMA / LTE: 3			
Maximum E.I.R.P./ E.R.P.	GSM850	25.47 dBm		
	GSM1900	27.09 dBm		
	WCDMA Band II	22.48 dBm		
	WCDMA Band IV	21.22 dBm		
	WCDMA Band V	17.23 dBm		
	LTE Band 2	22.25 dBm		
	LTE Band 4	21.66 dBm		
	LTE Band 5	15.95 dBm		
	LTE Band 7	24.93 dBm		
	LTE Band 12	14.06 dBm		
	LTE Band 17	13.61 dBm		
	LTE Band 25	22.24 dBm		
	LTE Band 26 (824 ~ 849)	16.77 dBm		
	LTE Band 26 (814 ~ 824)	17.18 dBm		
	LTE Band 38	25.56 dBm		
	LTE Band 41	24.88 dBm		
	LTE Band 66	21.61 dBm		
EUT Accessory				
Adapter	Manufacturer: SHENZHEN TIANYIN ELECTRONICS CO..LTD. Model: TPA-46050200UU			
Battery	Manufacturer: Dspread Technology (Beijing) Inc Model: D50			
USB Cable	Manufacturer: Guangdong Wugu Technology Co., LTD Model: UC2.0-1M-3.9-01			
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 2 (2024)

FCC CFR 47 Part 22H (2024)

FCC CFR 47 Part 24E (2024)

FCC CFR 47 Part 27C (2024)

FCC CFR 47 Part 90S (2024)

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 and the worst case was recorded.

GSM	X axis, vertical polarization
WCDMA	X axis, vertical polarization
LTE	Z axis, vertical polarization

All mode and data rates and positions and RB size and modulations were investigated.

Subsequently, only the worst case emissions are reported.

The following testing in GSM/WCDMA/LTE is set based on the maximum RF Output Power.

The following testing in different Bandwidth is set to detail in the following table:

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

Test items	Modes/Modulation	
	GSM 850 / GSM 1900	WCDMA Band 2/4/5
RF Power Output and Effective (Isotropic) Radiated power	GSM GPRS EGPRS	RMC HSDPA/HSUPA DC-HSDPA
Occupied Bandwidth	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Band Edge Compliance	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Peak-to-Average Power Ratio	GSM GPRS(1Tx slot) EGPRS(1Tx slot)	RMC
Frequency Stability	GSM	RMC
Spurious Emissions at Antenna Terminals	GSM	RMC
Radiated Spurious Emission	GSM	RMC

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

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM/ 64QAM	1	50%	100%	L	M	H
RF Power Output and Effective Isotropic Radiated Power	LTE 2	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 5	O	O	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 25	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	O	O	O	O	O	O	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	O	O	O	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	O	O	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	LTE 2	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 5	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 25	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	O	-	-	O	O	O	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	O	O	O	O	O	O	-	-	O	O	O	O
Band Edge Compliance	LTE 2	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 4	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 5	O	O	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 7	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 12	O	O	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 17	-	-	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 25	O	O	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	O	O	-	O	O	-	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	O	O	-	O	O	-	O
	LTE 38	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 41	-	-	O	O	O	O	O	O	O	-	O	O	-	O
	LTE 66	O	O	O	O	O	O	O	O	O	-	O	O	-	O

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM/ 64QAM	1	50%	100%	L	M	H
Peak-to-Average Power Ratio	LTE 2	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 4	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 5	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 7	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 12	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 17	-	-	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 25	O	O	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	O	-	-	O	O	O	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	O	-	-	O	O	O	O
	LTE 38	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 41	-	-	O	O	O	O	O	O	-	-	O	O	O	O
	LTE 66	O	O	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	-
	LTE 7	-	-	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 12	O	O	O	O	-	-	O	-	-	-	O	O	-	O
	LTE 17	-	-	O	O	-	-	O	-	-	-	O	O	-	O
	LTE 25	O	O	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	-	-	-	O	-	O	-
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	-	-	-	O	-	O	-
	LTE 38	-	-	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 41	-	-	O	O	O	O	O	-	-	-	O	O	-	O
	LTE 66	O	O	O	O	O	O	O	-	-	-	O	O	-	O
Spurious Emissions at Antenna Terminals	LTE 2	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 4	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 5	O	O	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 7	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 12	O	O	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 25	O	O	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 26 (824 ~ 849)	O	O	O	O	O	-	O	-	O	-	-	O	O	O
	LTE 26 (814 ~ 824)	O	O	O	O	-	-	O	-	O	-	-	O	O	O
	LTE 38	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 41	-	-	O	O	O	O	O	-	O	-	-	O	O	O
	LTE 66	O	O	O	O	O	O	O	-	O	-	-	O	O	O

Test items	Modes	Bandwidth (MHz)						Modulation		RB			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM/ 64QAM	1	50%	100%	L	M	H
Radiated Spurious Emission	LTE 2	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 4	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 5	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 7	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 12	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 17	-	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 25	O	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 26 (824 ~ 849)	O	-	O	-	O	-	O	-	O	-	-	-	O	-
	LTE 26 (814 ~ 824)	O	-	O	O	-	-	O	-	O	-	-	-	O	-
	LTE 38	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 41	-	-	O	-	-	O	O	-	O	-	-	-	O	-
	LTE 66	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.														

5 Test Case

5.1 RF Power Output and Effective Isotropic Radiated Power

Ambient condition

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

Methods of Measurement

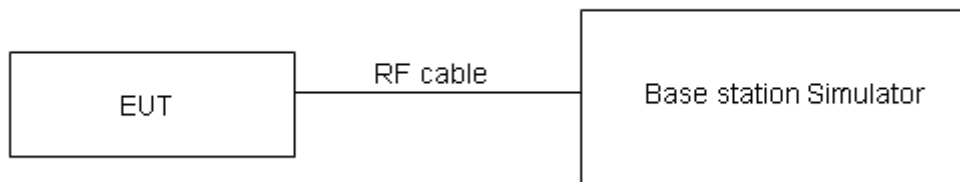
During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:

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

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

Test Setup



Measurement Uncertainty

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

Test Results

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

5.2 Occupied Bandwidth

Ambient condition

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

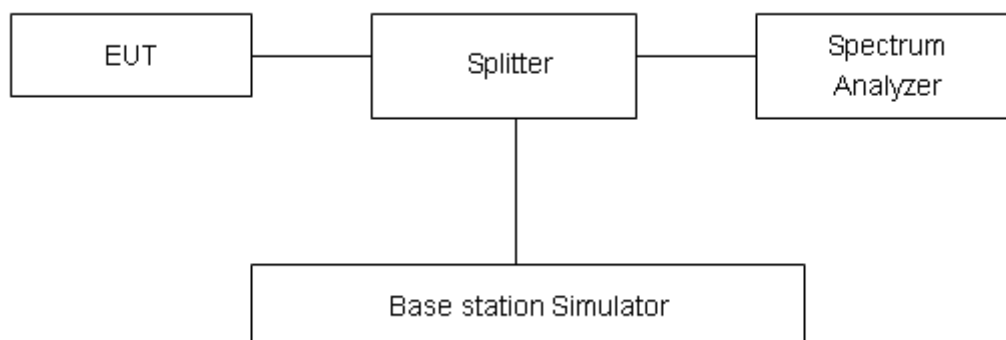
Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The occupied bandwidth is measured using spectrum analyzer.

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

99% power and -26dBc occupied bandwidths are recorded. Spectrum analyzer plots are included on the following pages.

Test Setup



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 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 7/38 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.

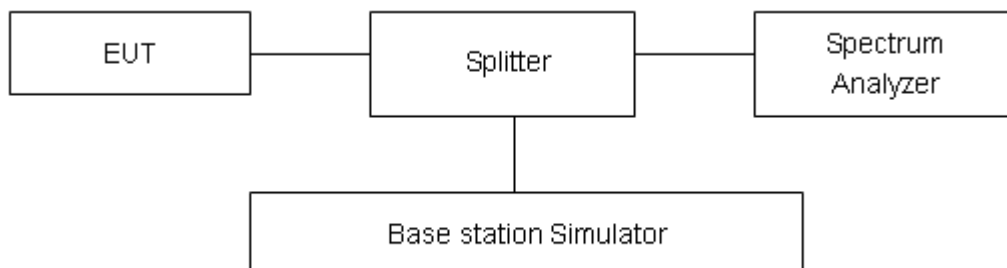
RBW is set to $\geq$ 1%EBW, VBW is set to 3x RBW on spectrum analyzer.

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



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

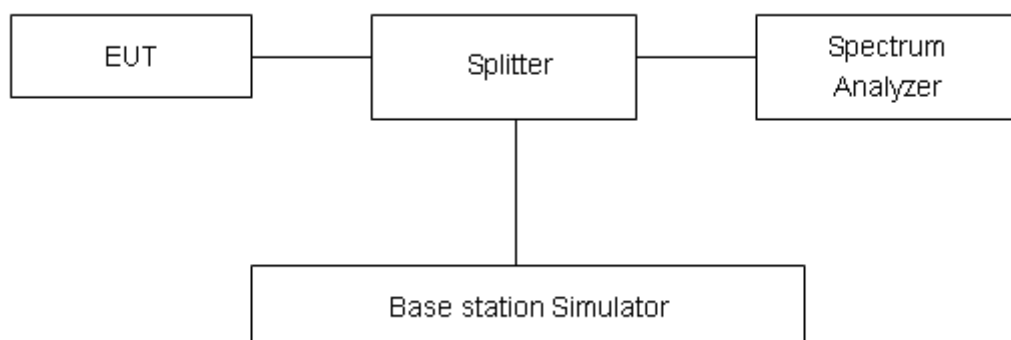
Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

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

$$\text{PAPR (dB)} = \text{PPk (dBm)} - \text{PAvg (dBm)}.$$

Test Setup



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 -10°C and permitted to stabilize for three hours.

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

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

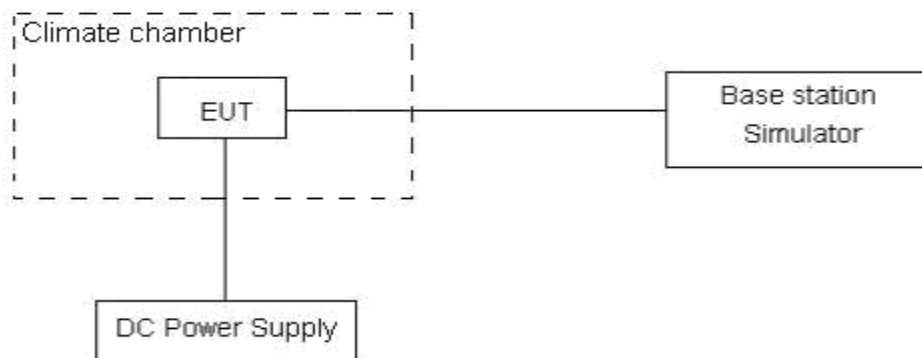
Frequency Stability (Voltage Variation)

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

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

This transceiver is specified to operate with an input voltage of between 4.85 V and 5.25 V, with a nominal voltage of 5.0V.

Test setup



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)

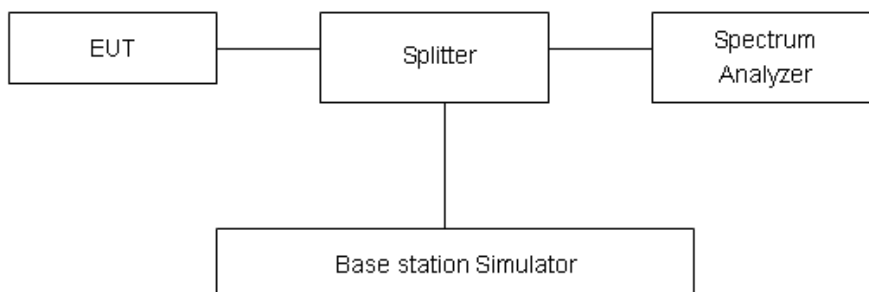
For Band 2/7/38/41/66, the RBW is set to 100KHz below 1G, and the factor is 10dB for 1MHz.

Sweep is set to AUTO.

Of those disturbances below (limit – 20 dB), the mark is not required for the EUT.

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

Test setup



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

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

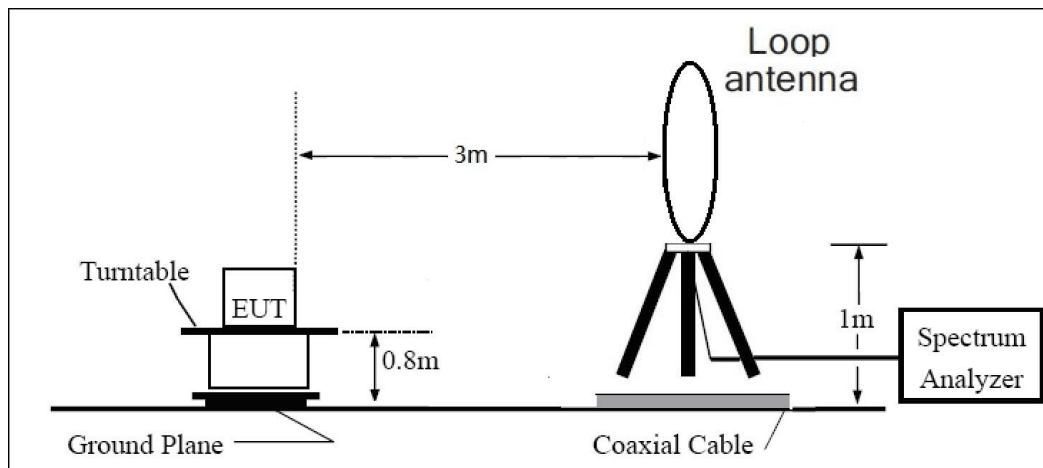
$$\text{Power(EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP

= EIRP-2.15dB.

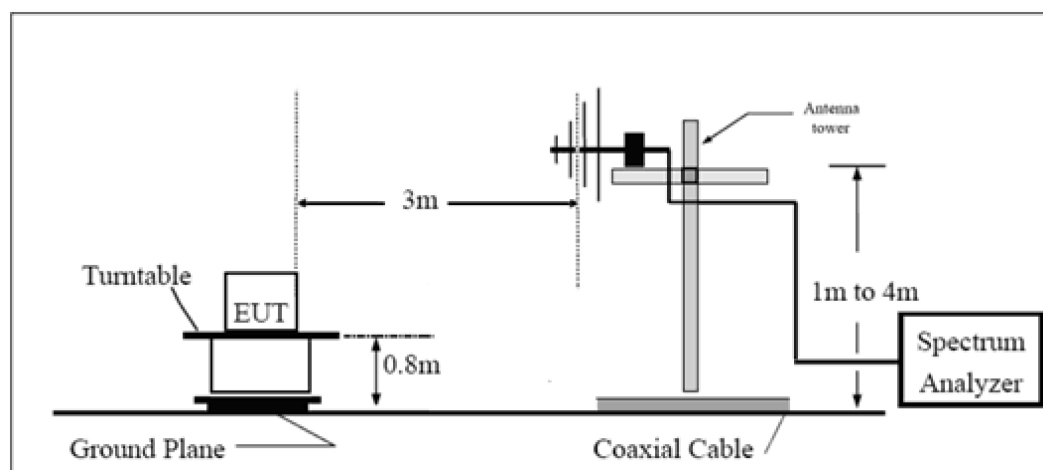
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

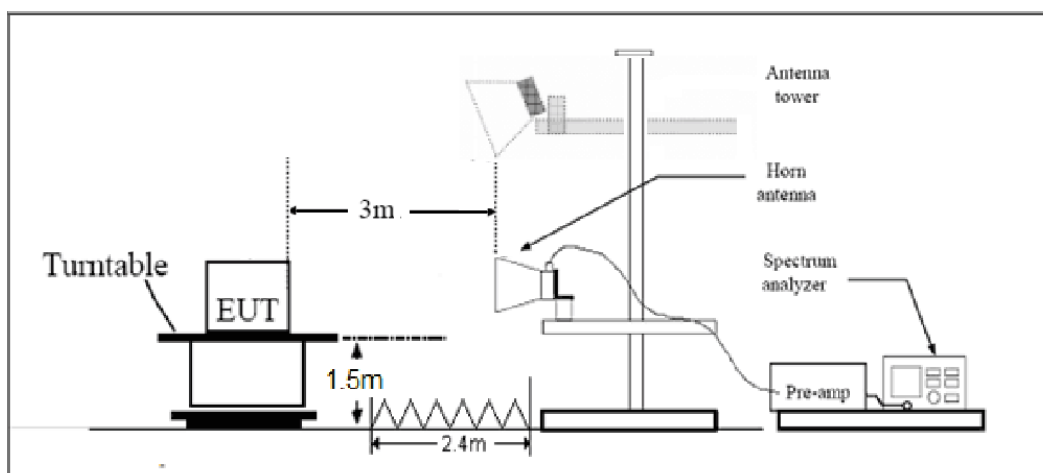
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side:2.4mX3.6m

Measurement Uncertainty

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

Test Results

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

6 Test Results

6.1 RF Power Output and Effective (Isotropic) Radiated Power

GSM 850		Maximum Output Power (dBm)			ERP (dBm)		
		Channel 128	Channel 190	Channel 251	Channel 128	Channel 190	Channel 251
		824.2 (MHz)	836.6 (MHz)	848.8 (MHz)	824.2 (MHz)	836.6 (MHz)	848.8 (MHz)
GSM(GMSK)	Results	31.32	31.47	31.48	25.31	25.46	25.47
GPRS (GMSK)	1Txslot	31.32	31.21	31.41	25.31	25.20	25.40
	2Txslots	30.55	30.43	30.32	24.54	24.42	24.31
	3Txslots	28.79	28.67	28.55	22.78	22.66	22.54
	4Txslots	27.65	27.55	27.80	21.64	21.54	21.79
EGPRS (8PSK)	1Txslot	26.27	26.17	26.17	20.26	20.16	20.16
	2Txslots	25.36	25.14	25.31	19.35	19.13	19.30
	3Txslots	23.20	23.63	23.14	17.19	17.62	17.13
	4Txslots	21.96	21.64	22.14	15.95	15.63	16.13

GSM 1900		Maximum Output Power (dBm)			EIRP (dBm)		
		Channel 512	Channel 661	Channel 810	Channel 512	Channel 661	Channel 810
		1850.2 (MHz)	1880 (MHz)	1909.8 (MHz)	1850.2 (MHz)	1880 (MHz)	1909.8 (MHz)
GSM(GMSK)	Results	27.89	27.74	27.73	27.08	26.93	26.92
GPRS (GMSK)	1TXslot	27.90	27.61	27.66	27.09	26.80	26.85
	2TXslots	27.07	26.74	26.81	26.26	25.93	26.00
	3TXslots	25.12	24.88	24.87	24.31	24.07	24.06
	4TXslots	24.00	23.85	23.89	23.19	23.04	23.08
EGPRS (8PSK)	1TXslot	25.27	24.97	24.76	24.46	24.16	23.95
	2TXslots	24.22	23.98	23.81	23.41	23.17	23.00
	3TXslots	22.21	21.92	21.77	21.40	21.11	20.96
	4TXslots	21.16	20.91	20.72	20.35	20.10	19.91

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		23.15	23.29	23.03	22.34	22.48	22.22
HSDPA	Sub - Test 1	22.57	22.71	22.45	21.76	21.90	21.64
	Sub - Test 2	22.56	22.70	22.44	21.75	21.89	21.63
	Sub - Test 3	22.05	22.19	21.93	21.24	21.38	21.12
	Sub - Test 4	22.04	22.18	21.92	21.23	21.37	21.11
HSUPA	Sub - Test 1	21.53	21.67	21.41	20.72	20.86	20.60
	Sub - Test 2	19.52	19.66	19.40	18.71	18.85	18.59
	Sub - Test 3	20.50	20.65	20.39	19.69	19.84	19.58
	Sub - Test 4	19.49	19.64	19.38	18.68	18.83	18.57
	Sub - Test 5	22.98	23.13	22.87	22.17	22.32	22.06
DC-HSDPA	Sub - Test 1	22.49	22.65	22.37	21.68	21.84	21.56
	Sub - Test 2	22.48	22.64	22.36	21.67	21.83	21.55
	Sub - Test 3	22.06	22.13	21.87	21.25	21.32	21.06
	Sub - Test 4	22.05	22.12	21.86	21.24	21.31	21.05

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		23.22	22.09	22.30	21.22	20.09	20.30
HSDPA	Sub - Test 1	22.64	21.51	21.72	20.64	19.51	19.72
	Sub - Test 2	22.63	21.50	21.71	20.63	19.50	19.71
	Sub - Test 3	22.12	20.99	21.20	20.12	18.99	19.20
	Sub - Test 4	22.11	20.98	21.19	20.11	18.98	19.19
HSUPA	Sub - Test 1	21.60	20.47	20.68	19.60	18.47	18.68
	Sub - Test 2	19.59	18.46	18.67	17.59	16.46	16.67
	Sub - Test 3	20.57	19.45	19.66	18.57	17.45	17.66
	Sub - Test 4	19.56	18.44	18.65	17.56	16.44	16.65
	Sub - Test 5	23.05	21.93	22.14	21.05	19.93	20.14
DC-HSDPA	Sub - Test 1	22.56	21.45	21.64	20.56	19.45	19.64
	Sub - Test 2	22.55	21.44	21.63	20.55	19.44	19.63
	Sub - Test 3	22.13	20.93	21.14	20.13	18.93	19.14

	Sub - Test 4	22.12	20.92	21.13	20.12	18.92	19.13
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WCDMA Band V		Maximum Output Power (dBm)			ERP (dBm)		
		Channel 4132	Channel 4183	Channel 4233	Channel 4132	Channel 4183	Channel 4233
		826.4 (MHz)	836.6 (MHz)	846.6 (MHz)	826.4 (MHz)	836.6 (MHz)	846.6 (MHz)
RMC		22.98	23.12	23.24	16.97	17.11	17.23
HSDPA	Sub - Test 1	22.40	22.54	22.66	16.39	16.53	16.65
	Sub - Test 2	22.39	22.53	22.65	16.38	16.52	16.64
	Sub - Test 3	21.88	22.02	22.14	15.87	16.01	16.13
	Sub - Test 4	21.87	22.01	22.13	15.86	16.00	16.12
HSUPA	Sub - Test 1	21.36	21.50	21.62	15.35	15.49	15.61
	Sub - Test 2	19.35	19.49	19.61	13.34	13.48	13.60
	Sub - Test 3	20.33	20.48	20.60	14.32	14.47	14.59
	Sub - Test 4	19.32	19.47	19.59	13.31	13.46	13.58
	Sub - Test 5	22.81	22.96	23.08	16.80	16.95	17.07
DC-HSDPA	Sub - Test 1	22.32	22.48	22.58	16.31	16.47	16.57
	Sub - Test 2	22.31	22.47	22.57	16.30	16.46	16.56
	Sub - Test 3	21.89	21.96	22.08	15.88	15.95	16.07
	Sub - Test 4	21.88	21.95	22.07	15.87	15.94	16.06

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
Band2	1.4	18607	1	#0	QPSK	21.45	20.64
Band2	1.4	18607	1	#Mid	QPSK	21.47	20.66
Band2	1.4	18607	1	#Max	QPSK	21.33	20.52
Band2	1.4	18607	3	#0	QPSK	21.50	20.69
Band2	1.4	18607	3	#Mid	QPSK	21.51	20.70
Band2	1.4	18607	3	#Max	QPSK	21.46	20.65
Band2	1.4	18607	6	#0	QPSK	20.48	19.67
Band2	1.4	18607	1	#0	16QAM	20.62	19.81
Band2	1.4	18607	1	#Mid	16QAM	20.65	19.84
Band2	1.4	18607	1	#Max	16QAM	20.53	19.72
Band2	1.4	18607	3	#0	16QAM	20.49	19.68
Band2	1.4	18607	3	#Mid	16QAM	20.50	19.69
Band2	1.4	18607	3	#Max	16QAM	20.42	19.61
Band2	1.4	18607	6	#0	16QAM	19.63	18.82
Band2	1.4	18607	1	#0	64QAM	19.69	18.88

Band2	1.4	18607	1	#Mid	64QAM	19.69	18.88
Band2	1.4	18607	1	#Max	64QAM	19.60	18.79
Band2	1.4	18607	3	#0	64QAM	19.68	18.87
Band2	1.4	18607	3	#Mid	64QAM	19.60	18.79
Band2	1.4	18607	3	#Max	64QAM	19.55	18.74
Band2	1.4	18607	6	#0	64QAM	18.52	17.71
Band2	1.4	18900	1	#0	QPSK	22.39	21.58
Band2	1.4	18900	1	#Mid	QPSK	22.57	21.76
Band2	1.4	18900	1	#Max	QPSK	22.52	21.71
Band2	1.4	18900	3	#0	QPSK	22.52	21.71
Band2	1.4	18900	3	#Mid	QPSK	22.56	21.75
Band2	1.4	18900	3	#Max	QPSK	22.58	21.77
Band2	1.4	18900	6	#0	QPSK	21.55	20.74
Band2	1.4	18900	1	#0	16QAM	21.71	20.90
Band2	1.4	18900	1	#Mid	16QAM	21.78	20.97
Band2	1.4	18900	1	#Max	16QAM	21.86	21.05
Band2	1.4	18900	3	#0	16QAM	21.47	20.66
Band2	1.4	18900	3	#Mid	16QAM	21.56	20.75
Band2	1.4	18900	3	#Max	16QAM	21.57	20.76
Band2	1.4	18900	6	#0	16QAM	20.70	19.89
Band2	1.4	18900	1	#0	64QAM	20.63	19.82
Band2	1.4	18900	1	#Mid	64QAM	20.76	19.95
Band2	1.4	18900	1	#Max	64QAM	20.78	19.97
Band2	1.4	18900	3	#0	64QAM	20.68	19.87
Band2	1.4	18900	3	#Mid	64QAM	20.75	19.94
Band2	1.4	18900	3	#Max	64QAM	20.70	19.89
Band2	1.4	18900	6	#0	64QAM	19.57	18.76
Band2	1.4	19193	1	#0	QPSK	21.79	20.98
Band2	1.4	19193	1	#Mid	QPSK	21.80	20.99
Band2	1.4	19193	1	#Max	QPSK	21.67	20.86
Band2	1.4	19193	3	#0	QPSK	21.86	21.05
Band2	1.4	19193	3	#Mid	QPSK	21.84	21.03
Band2	1.4	19193	3	#Max	QPSK	21.79	20.98
Band2	1.4	19193	6	#0	QPSK	20.81	20.00
Band2	1.4	19193	1	#0	16QAM	20.98	20.17
Band2	1.4	19193	1	#Mid	16QAM	21.14	20.33
Band2	1.4	19193	1	#Max	16QAM	20.97	20.16
Band2	1.4	19193	3	#0	16QAM	20.86	20.05
Band2	1.4	19193	3	#Mid	16QAM	20.74	19.93
Band2	1.4	19193	3	#Max	16QAM	20.80	19.99
Band2	1.4	19193	6	#0	16QAM	19.96	19.15
Band2	1.4	19193	1	#0	64QAM	19.98	19.17
Band2	1.4	19193	1	#Mid	64QAM	19.98	19.17

Band2	1.4	19193	1	#Max	64QAM	19.91	19.10
Band2	1.4	19193	3	#0	64QAM	19.96	19.15
Band2	1.4	19193	3	#Mid	64QAM	19.93	19.12
Band2	1.4	19193	3	#Max	64QAM	19.91	19.10
Band2	1.4	19193	6	#0	64QAM	18.86	18.05
Band2	3	18615	1	#0	QPSK	21.50	20.69
Band2	3	18615	1	#Mid	QPSK	21.37	20.56
Band2	3	18615	1	#Max	QPSK	21.27	20.46
Band2	3	18615	8	#0	QPSK	20.46	19.65
Band2	3	18615	8	#Mid	QPSK	20.43	19.62
Band2	3	18615	8	#Max	QPSK	20.41	19.60
Band2	3	18615	15	#0	QPSK	20.41	19.60
Band2	3	18615	1	#0	16QAM	20.65	19.84
Band2	3	18615	1	#Mid	16QAM	20.66	19.85
Band2	3	18615	1	#Max	16QAM	20.58	19.77
Band2	3	18615	8	#0	16QAM	19.57	18.76
Band2	3	18615	8	#Mid	16QAM	19.57	18.76
Band2	3	18615	8	#Max	16QAM	19.50	18.69
Band2	3	18615	15	#0	16QAM	19.47	18.66
Band2	3	18615	1	#0	64QAM	19.73	18.92
Band2	3	18615	1	#Mid	64QAM	19.63	18.82
Band2	3	18615	1	#Max	64QAM	19.46	18.65
Band2	3	18615	8	#0	64QAM	18.55	17.74
Band2	3	18615	8	#Mid	64QAM	18.52	17.71
Band2	3	18615	8	#Max	64QAM	18.48	17.67
Band2	3	18615	15	#0	64QAM	18.45	17.64
Band2	3	18900	1	#0	QPSK	22.34	21.53
Band2	3	18900	1	#Mid	QPSK	22.59	21.78
Band2	3	18900	1	#Max	QPSK	22.72	21.91
Band2	3	18900	8	#0	QPSK	21.52	20.71
Band2	3	18900	8	#Mid	QPSK	21.61	20.80
Band2	3	18900	8	#Max	QPSK	21.63	20.82
Band2	3	18900	15	#0	QPSK	21.55	20.74
Band2	3	18900	1	#0	16QAM	21.63	20.82
Band2	3	18900	1	#Mid	16QAM	21.84	21.03
Band2	3	18900	1	#Max	16QAM	22.05	21.24
Band2	3	18900	8	#0	16QAM	20.65	19.84
Band2	3	18900	8	#Mid	16QAM	20.70	19.89
Band2	3	18900	8	#Max	16QAM	20.75	19.94
Band2	3	18900	15	#0	16QAM	20.63	19.82
Band2	3	18900	1	#0	64QAM	20.57	19.76
Band2	3	18900	1	#Mid	64QAM	20.77	19.96
Band2	3	18900	1	#Max	64QAM	20.88	20.07

Band2	3	18900	8	#0	64QAM	19.60	18.79
Band2	3	18900	8	#Mid	64QAM	19.68	18.87
Band2	3	18900	8	#Max	64QAM	19.69	18.88
Band2	3	18900	15	#0	64QAM	19.61	18.80
Band2	3	19185	1	#0	QPSK	22.13	21.32
Band2	3	19185	1	#Mid	QPSK	21.91	21.10
Band2	3	19185	1	#Max	QPSK	21.75	20.94
Band2	3	19185	8	#0	QPSK	21.01	20.20
Band2	3	19185	8	#Mid	QPSK	20.96	20.15
Band2	3	19185	8	#Max	QPSK	20.89	20.08
Band2	3	19185	15	#0	QPSK	20.96	20.15
Band2	3	19185	1	#0	16QAM	21.37	20.56
Band2	3	19185	1	#Mid	16QAM	21.13	20.32
Band2	3	19185	1	#Max	16QAM	20.99	20.18
Band2	3	19185	8	#0	16QAM	20.14	19.33
Band2	3	19185	8	#Mid	16QAM	20.05	19.24
Band2	3	19185	8	#Max	16QAM	19.98	19.17
Band2	3	19185	15	#0	16QAM	20.00	19.19
Band2	3	19185	1	#0	64QAM	20.32	19.51
Band2	3	19185	1	#Mid	64QAM	20.17	19.36
Band2	3	19185	1	#Max	64QAM	19.94	19.13
Band2	3	19185	8	#0	64QAM	19.11	18.30
Band2	3	19185	8	#Mid	64QAM	19.05	18.24
Band2	3	19185	8	#Max	64QAM	18.98	18.17
Band2	3	19185	15	#0	64QAM	18.98	18.17
Band2	5	18625	1	#0	QPSK	21.51	20.70
Band2	5	18625	1	#Mid	QPSK	21.40	20.59
Band2	5	18625	1	#Max	QPSK	21.14	20.33
Band2	5	18625	12	#0	QPSK	20.38	19.57
Band2	5	18625	12	#Mid	QPSK	20.50	19.69
Band2	5	18625	12	#Max	QPSK	20.29	19.48
Band2	5	18625	25	#0	QPSK	20.37	19.56
Band2	5	18625	1	#0	16QAM	20.76	19.95
Band2	5	18625	1	#Mid	16QAM	20.70	19.89
Band2	5	18625	1	#Max	16QAM	20.37	19.56
Band2	5	18625	12	#0	16QAM	19.42	18.61
Band2	5	18625	12	#Mid	16QAM	19.50	18.69
Band2	5	18625	12	#Max	16QAM	19.30	18.49
Band2	5	18625	25	#0	16QAM	19.42	18.61
Band2	5	18625	1	#0	64QAM	19.73	18.92
Band2	5	18625	1	#Mid	64QAM	19.57	18.76
Band2	5	18625	1	#Max	64QAM	19.30	18.49
Band2	5	18625	12	#0	64QAM	18.43	17.62

Band2	5	18625	12	#Mid	64QAM	18.54	17.73
Band2	5	18625	12	#Max	64QAM	18.35	17.54
Band2	5	18625	25	#0	64QAM	18.39	17.58
Band2	5	18900	1	#0	QPSK	22.14	21.33
Band2	5	18900	1	#Mid	QPSK	22.58	21.77
Band2	5	18900	1	#Max	QPSK	22.73	21.92
Band2	5	18900	12	#0	QPSK	21.54	20.73
Band2	5	18900	12	#Mid	QPSK	21.62	20.81
Band2	5	18900	12	#Max	QPSK	21.58	20.77
Band2	5	18900	25	#0	QPSK	21.58	20.77
Band2	5	18900	1	#0	16QAM	21.39	20.58
Band2	5	18900	1	#Mid	16QAM	21.87	21.06
Band2	5	18900	1	#Max	16QAM	22.03	21.22
Band2	5	18900	12	#0	16QAM	20.60	19.79
Band2	5	18900	12	#Mid	16QAM	20.66	19.85
Band2	5	18900	12	#Max	16QAM	20.60	19.79
Band2	5	18900	25	#0	16QAM	20.63	19.82
Band2	5	18900	1	#0	64QAM	20.38	19.57
Band2	5	18900	1	#Mid	64QAM	20.86	20.05
Band2	5	18900	1	#Max	64QAM	20.99	20.18
Band2	5	18900	12	#0	64QAM	19.57	18.76
Band2	5	18900	12	#Mid	64QAM	19.64	18.83
Band2	5	18900	12	#Max	64QAM	19.64	18.83
Band2	5	18900	25	#0	64QAM	19.57	18.76
Band2	5	19175	1	#0	QPSK	22.34	21.53
Band2	5	19175	1	#Mid	QPSK	22.10	21.29
Band2	5	19175	1	#Max	QPSK	21.65	20.84
Band2	5	19175	12	#0	QPSK	21.17	20.36
Band2	5	19175	12	#Mid	QPSK	21.16	20.35
Band2	5	19175	12	#Max	QPSK	21.13	20.32
Band2	5	19175	25	#0	QPSK	21.17	20.36
Band2	5	19175	1	#0	16QAM	21.34	20.53
Band2	5	19175	1	#Mid	16QAM	20.83	20.02
Band2	5	19175	1	#Max	16QAM	20.49	19.68
Band2	5	19175	12	#0	16QAM	20.09	19.28
Band2	5	19175	12	#Mid	16QAM	20.10	19.29
Band2	5	19175	12	#Max	16QAM	20.14	19.33
Band2	5	19175	25	#0	16QAM	20.10	19.29
Band2	5	19175	1	#0	64QAM	20.05	19.24
Band2	5	19175	1	#Mid	64QAM	20.11	19.30
Band2	5	19175	1	#Max	64QAM	19.80	18.99
Band2	5	19175	12	#0	64QAM	19.22	18.41
Band2	5	19175	12	#Mid	64QAM	19.13	18.32

Band2	5	19175	12	#Max	64QAM	19.13	18.32
Band2	5	19175	25	#0	64QAM	19.14	18.33
Band2	10	18650	1	#0	QPSK	21.60	20.79
Band2	10	18650	1	#Mid	QPSK	21.32	20.51
Band2	10	18650	1	#Max	QPSK	21.05	20.24
Band2	10	18650	25	#0	QPSK	20.32	19.51
Band2	10	18650	25	#Mid	QPSK	20.29	19.48
Band2	10	18650	25	#Max	QPSK	19.88	19.07
Band2	10	18650	50	#0	QPSK	20.14	19.33
Band2	10	18650	1	#0	16QAM	20.77	19.96
Band2	10	18650	1	#Mid	16QAM	20.56	19.75
Band2	10	18650	1	#Max	16QAM	20.23	19.42
Band2	10	18650	25	#0	16QAM	19.39	18.58
Band2	10	18650	25	#Mid	16QAM	19.34	18.53
Band2	10	18650	25	#Max	16QAM	18.92	18.11
Band2	10	18650	50	#0	16QAM	19.20	18.39
Band2	10	18650	1	#0	64QAM	19.84	19.03
Band2	10	18650	1	#Mid	64QAM	19.47	18.66
Band2	10	18650	1	#Max	64QAM	19.20	18.39
Band2	10	18650	25	#0	64QAM	18.34	17.53
Band2	10	18650	25	#Mid	64QAM	18.34	17.53
Band2	10	18650	25	#Max	64QAM	17.92	17.11
Band2	10	18650	50	#0	64QAM	18.19	17.38
Band2	10	18900	1	#0	QPSK	21.93	21.12
Band2	10	18900	1	#Mid	QPSK	22.65	21.84
Band2	10	18900	1	#Max	QPSK	23.02	22.21
Band2	10	18900	25	#0	QPSK	21.46	20.65
Band2	10	18900	25	#Mid	QPSK	21.58	20.77
Band2	10	18900	25	#Max	QPSK	21.56	20.75
Band2	10	18900	50	#0	QPSK	21.53	20.72
Band2	10	18900	1	#0	16QAM	21.23	20.42
Band2	10	18900	1	#Mid	16QAM	21.72	20.91
Band2	10	18900	1	#Max	16QAM	21.94	21.13
Band2	10	18900	25	#0	16QAM	20.23	19.42
Band2	10	18900	25	#Mid	16QAM	20.48	19.67
Band2	10	18900	25	#Max	16QAM	20.43	19.62
Band2	10	18900	50	#0	16QAM	20.39	19.58
Band2	10	18900	1	#0	64QAM	20.14	19.33
Band2	10	18900	1	#Mid	64QAM	20.76	19.95
Band2	10	18900	1	#Max	64QAM	20.91	20.10
Band2	10	18900	25	#0	64QAM	19.25	18.44
Band2	10	18900	25	#Mid	64QAM	19.62	18.81
Band2	10	18900	25	#Max	64QAM	19.68	18.87

Band2	10	18900	50	#0	64QAM	19.55	18.74
Band2	10	19150	1	#0	QPSK	22.82	22.01
Band2	10	19150	1	#Mid	QPSK	22.13	21.32
Band2	10	19150	1	#Max	QPSK	21.29	20.48
Band2	10	19150	25	#0	QPSK	21.55	20.74
Band2	10	19150	25	#Mid	QPSK	21.07	20.26
Band2	10	19150	25	#Max	QPSK	21.06	20.25
Band2	10	19150	50	#0	QPSK	21.25	20.44
Band2	10	19150	1	#0	16QAM	21.99	21.18
Band2	10	19150	1	#Mid	16QAM	21.33	20.52
Band2	10	19150	1	#Max	16QAM	20.48	19.67
Band2	10	19150	25	#0	16QAM	20.62	19.81
Band2	10	19150	25	#Mid	16QAM	20.12	19.31
Band2	10	19150	25	#Max	16QAM	20.07	19.26
Band2	10	19150	50	#0	16QAM	20.29	19.48
Band2	10	19150	1	#0	64QAM	20.84	20.03
Band2	10	19150	1	#Mid	64QAM	20.32	19.51
Band2	10	19150	1	#Max	64QAM	19.53	18.72
Band2	10	19150	25	#0	64QAM	19.61	18.80
Band2	10	19150	25	#Mid	64QAM	19.10	18.29
Band2	10	19150	25	#Max	64QAM	19.07	18.26
Band2	10	19150	50	#0	64QAM	19.32	18.51
Band2	15	18675	1	#0	QPSK	21.05	20.24
Band2	15	18675	1	#Mid	QPSK	20.64	19.83
Band2	15	18675	1	#Max	QPSK	20.47	19.66
Band2	15	18675	36	#0	QPSK	19.87	19.06
Band2	15	18675	36	#Mid	QPSK	19.92	19.11
Band2	15	18675	36	#Max	QPSK	19.48	18.67
Band2	15	18675	75	#0	QPSK	19.72	18.91
Band2	15	18675	1	#0	16QAM	20.32	19.51
Band2	15	18675	1	#Mid	16QAM	19.97	19.16
Band2	15	18675	1	#Max	16QAM	19.67	18.86
Band2	15	18675	36	#0	16QAM	18.93	18.12
Band2	15	18675	36	#Mid	16QAM	18.95	18.14
Band2	15	18675	36	#Max	16QAM	18.46	17.65
Band2	15	18675	75	#0	16QAM	19.12	18.31
Band2	15	18675	1	#0	64QAM	19.55	18.74
Band2	15	18675	1	#Mid	64QAM	19.28	18.47
Band2	15	18675	1	#Max	64QAM	18.64	17.83
Band2	15	18675	36	#0	64QAM	17.98	17.17
Band2	15	18675	36	#Mid	64QAM	18.02	17.21
Band2	15	18675	36	#Max	64QAM	17.87	17.06
Band2	15	18675	75	#0	64QAM	18.23	17.42

Band2	15	18900	1	#0	QPSK	21.42	20.61
Band2	15	18900	1	#Mid	QPSK	22.34	21.53
Band2	15	18900	1	#Max	QPSK	22.79	21.98
Band2	15	18900	36	#0	QPSK	20.68	19.87
Band2	15	18900	36	#Mid	QPSK	21.09	20.28
Band2	15	18900	36	#Max	QPSK	21.35	20.54
Band2	15	18900	75	#0	QPSK	20.98	20.17
Band2	15	18900	1	#0	16QAM	20.34	19.53
Band2	15	18900	1	#Mid	16QAM	21.36	20.55
Band2	15	18900	1	#Max	16QAM	22.10	21.29
Band2	15	18900	36	#0	16QAM	19.70	18.89
Band2	15	18900	36	#Mid	16QAM	20.10	19.29
Band2	15	18900	36	#Max	16QAM	20.37	19.56
Band2	15	18900	75	#0	16QAM	19.98	19.17
Band2	15	18900	1	#0	64QAM	19.37	18.56
Band2	15	18900	1	#Mid	64QAM	20.35	19.54
Band2	15	18900	1	#Max	64QAM	21.03	20.22
Band2	15	18900	36	#0	64QAM	18.70	17.89
Band2	15	18900	36	#Mid	64QAM	19.13	18.32
Band2	15	18900	36	#Max	64QAM	19.52	18.71
Band2	15	18900	75	#0	64QAM	19.19	18.38
Band2	15	19125	1	#0	QPSK	23.06	22.25
Band2	15	19125	1	#Mid	QPSK	22.39	21.58
Band2	15	19125	1	#Max	QPSK	21.30	20.49
Band2	15	19125	36	#0	QPSK	22.18	21.37
Band2	15	19125	36	#Mid	QPSK	21.48	20.67
Band2	15	19125	36	#Max	QPSK	21.08	20.27
Band2	15	19125	75	#0	QPSK	21.74	20.93
Band2	15	19125	1	#0	16QAM	22.29	21.48
Band2	15	19125	1	#Mid	16QAM	21.57	20.76
Band2	15	19125	1	#Max	16QAM	20.56	19.75
Band2	15	19125	36	#0	16QAM	21.23	20.42
Band2	15	19125	36	#Mid	16QAM	20.53	19.72
Band2	15	19125	36	#Max	16QAM	20.10	19.29
Band2	15	19125	75	#0	16QAM	20.80	19.99
Band2	15	19125	1	#0	64QAM	21.29	20.48
Band2	15	19125	1	#Mid	64QAM	20.59	19.78
Band2	15	19125	1	#Max	64QAM	19.51	18.70
Band2	15	19125	36	#0	64QAM	20.19	19.38
Band2	15	19125	36	#Mid	64QAM	19.51	18.70
Band2	15	19125	36	#Max	64QAM	19.10	18.29
Band2	15	19125	75	#0	64QAM	19.77	18.96
Band2	20	18700	1	#0	QPSK	20.82	20.01

Band2	20	18700	1	#Mid	QPSK	20.63	19.82
Band2	20	18700	1	#Max	QPSK	20.54	19.73
Band2	20	18700	50	#0	QPSK	20.10	19.29
Band2	20	18700	50	#Mid	QPSK	19.64	18.83
Band2	20	18700	50	#Max	QPSK	19.55	18.74
Band2	20	18700	100	#0	QPSK	19.91	19.10
Band2	20	18700	1	#0	16QAM	20.02	19.21
Band2	20	18700	1	#Mid	16QAM	19.92	19.11
Band2	20	18700	1	#Max	16QAM	19.85	19.04
Band2	20	18700	50	#0	16QAM	19.14	18.33
Band2	20	18700	50	#Mid	16QAM	18.73	17.92
Band2	20	18700	50	#Max	16QAM	18.60	17.79
Band2	20	18700	100	#0	16QAM	18.96	18.15
Band2	20	18700	1	#0	64QAM	19.05	18.24
Band2	20	18700	1	#Mid	64QAM	18.82	18.01
Band2	20	18700	1	#Max	64QAM	18.80	17.99
Band2	20	18700	50	#0	64QAM	18.13	17.32
Band2	20	18700	50	#Mid	64QAM	17.69	16.88
Band2	20	18700	50	#Max	64QAM	17.62	16.81
Band2	20	18700	100	#0	64QAM	17.94	17.13
Band2	20	18900	1	#0	QPSK	20.80	19.99
Band2	20	18900	1	#Mid	QPSK	22.18	21.37
Band2	20	18900	1	#Max	QPSK	22.83	22.02
Band2	20	18900	50	#0	QPSK	20.52	19.71
Band2	20	18900	50	#Mid	QPSK	21.01	20.20
Band2	20	18900	50	#Max	QPSK	21.27	20.46
Band2	20	18900	100	#0	QPSK	20.80	19.99
Band2	20	18900	1	#0	16QAM	20.12	19.31
Band2	20	18900	1	#Mid	16QAM	21.47	20.66
Band2	20	18900	1	#Max	16QAM	22.07	21.26
Band2	20	18900	50	#0	16QAM	19.55	18.74
Band2	20	18900	50	#Mid	16QAM	20.07	19.26
Band2	20	18900	50	#Max	16QAM	20.32	19.51
Band2	20	18900	100	#0	16QAM	19.82	19.01
Band2	20	18900	1	#0	64QAM	18.97	18.16
Band2	20	18900	1	#Mid	64QAM	20.38	19.57
Band2	20	18900	1	#Max	64QAM	21.04	20.23
Band2	20	18900	50	#0	64QAM	18.54	17.73
Band2	20	18900	50	#Mid	64QAM	19.04	18.23
Band2	20	18900	50	#Max	64QAM	19.36	18.55
Band2	20	18900	100	#0	64QAM	18.80	17.99
Band2	20	19100	1	#0	QPSK	22.96	22.15
Band2	20	19100	1	#Mid	QPSK	22.81	22.00

Band2	20	19100	1	#Max	QPSK	21.17	20.36
Band2	20	19100	50	#0	QPSK	21.96	21.15
Band2	20	19100	50	#Mid	QPSK	21.86	21.05
Band2	20	19100	50	#Max	QPSK	21.22	20.41
Band2	20	19100	100	#0	QPSK	21.70	20.89
Band2	20	19100	1	#0	16QAM	22.16	21.35
Band2	20	19100	1	#Mid	16QAM	22.19	21.38
Band2	20	19100	1	#Max	16QAM	20.30	19.49
Band2	20	19100	50	#0	16QAM	21.02	20.21
Band2	20	19100	50	#Mid	16QAM	20.95	20.14
Band2	20	19100	50	#Max	16QAM	20.30	19.49
Band2	20	19100	100	#0	16QAM	20.75	19.94
Band2	20	19100	1	#0	64QAM	21.18	20.37
Band2	20	19100	1	#Mid	64QAM	21.02	20.21
Band2	20	19100	1	#Max	64QAM	19.35	18.54
Band2	20	19100	50	#0	64QAM	20.01	19.20
Band2	20	19100	50	#Mid	64QAM	19.91	19.10
Band2	20	19100	50	#Max	64QAM	19.29	18.48
Band2	20	19100	100	#0	64QAM	19.73	18.92

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
Band4	1.4	19957	1	#0	QPSK	23.66	21.66
Band4	1.4	19957	1	#Mid	QPSK	23.42	21.42
Band4	1.4	19957	1	#Max	QPSK	23.28	21.28
Band4	1.4	19957	3	#0	QPSK	23.40	21.40
Band4	1.4	19957	3	#Mid	QPSK	23.41	21.41
Band4	1.4	19957	3	#Max	QPSK	23.38	21.38
Band4	1.4	19957	6	#0	QPSK	22.43	20.43
Band4	1.4	19957	1	#0	16QAM	22.57	20.57
Band4	1.4	19957	1	#Mid	16QAM	22.71	20.71
Band4	1.4	19957	1	#Max	16QAM	22.62	20.62
Band4	1.4	19957	3	#0	16QAM	22.34	20.34
Band4	1.4	19957	3	#Mid	16QAM	22.44	20.44
Band4	1.4	19957	3	#Max	16QAM	22.43	20.43
Band4	1.4	19957	6	#0	16QAM	21.49	19.49
Band4	1.4	19957	1	#0	64QAM	21.47	19.47
Band4	1.4	19957	1	#Mid	64QAM	21.63	19.63
Band4	1.4	19957	1	#Max	64QAM	21.42	19.42
Band4	1.4	19957	3	#0	64QAM	21.47	19.47
Band4	1.4	19957	3	#Mid	64QAM	21.47	19.47
Band4	1.4	19957	3	#Max	64QAM	21.45	19.45
Band4	1.4	19957	6	#0	64QAM	20.41	18.41

Band4	1.4	20175	1	#0	QPSK	21.61	19.61
Band4	1.4	20175	1	#Mid	QPSK	21.76	19.76
Band4	1.4	20175	1	#Max	QPSK	21.52	19.52
Band4	1.4	20175	3	#0	QPSK	21.69	19.69
Band4	1.4	20175	3	#Mid	QPSK	21.69	19.69
Band4	1.4	20175	3	#Max	QPSK	21.64	19.64
Band4	1.4	20175	6	#0	QPSK	20.72	18.72
Band4	1.4	20175	1	#0	16QAM	20.92	18.92
Band4	1.4	20175	1	#Mid	16QAM	20.95	18.95
Band4	1.4	20175	1	#Max	16QAM	20.89	18.89
Band4	1.4	20175	3	#0	16QAM	20.66	18.66
Band4	1.4	20175	3	#Mid	16QAM	20.80	18.80
Band4	1.4	20175	3	#Max	16QAM	20.65	18.65
Band4	1.4	20175	6	#0	16QAM	19.77	17.77
Band4	1.4	20175	1	#0	64QAM	19.88	17.88
Band4	1.4	20175	1	#Mid	64QAM	19.89	17.89
Band4	1.4	20175	1	#Max	64QAM	19.67	17.67
Band4	1.4	20175	3	#0	64QAM	19.79	17.79
Band4	1.4	20175	3	#Mid	64QAM	19.85	17.85
Band4	1.4	20175	3	#Max	64QAM	19.75	17.75
Band4	1.4	20175	6	#0	64QAM	18.72	16.72
Band4	1.4	20393	1	#0	QPSK	21.35	19.35
Band4	1.4	20393	1	#Mid	QPSK	21.57	19.57
Band4	1.4	20393	1	#Max	QPSK	21.44	19.44
Band4	1.4	20393	3	#0	QPSK	21.48	19.48
Band4	1.4	20393	3	#Mid	QPSK	21.55	19.55
Band4	1.4	20393	3	#Max	QPSK	21.54	19.54
Band4	1.4	20393	6	#0	QPSK	20.59	18.59
Band4	1.4	20393	1	#0	16QAM	20.64	18.64
Band4	1.4	20393	1	#Mid	16QAM	20.88	18.88
Band4	1.4	20393	1	#Max	16QAM	20.79	18.79
Band4	1.4	20393	3	#0	16QAM	20.46	18.46
Band4	1.4	20393	3	#Mid	16QAM	20.61	18.61
Band4	1.4	20393	3	#Max	16QAM	20.59	18.59
Band4	1.4	20393	6	#0	16QAM	19.66	17.66
Band4	1.4	20393	1	#0	64QAM	19.62	17.62
Band4	1.4	20393	1	#Mid	64QAM	19.73	17.73
Band4	1.4	20393	1	#Max	64QAM	19.75	17.75
Band4	1.4	20393	3	#0	64QAM	19.61	17.61
Band4	1.4	20393	3	#Mid	64QAM	19.70	17.70
Band4	1.4	20393	3	#Max	64QAM	19.66	17.66
Band4	1.4	20393	6	#0	64QAM	18.57	16.57
Band4	3	19965	1	#0	QPSK	23.25	21.25

Band4	3	19965	1	#Mid	QPSK	23.27	21.27
Band4	3	19965	1	#Max	QPSK	23.30	21.30
Band4	3	19965	8	#0	QPSK	22.34	20.34
Band4	3	19965	8	#Mid	QPSK	22.39	20.39
Band4	3	19965	8	#Max	QPSK	22.38	20.38
Band4	3	19965	15	#0	QPSK	22.37	20.37
Band4	3	19965	1	#0	16QAM	22.57	20.57
Band4	3	19965	1	#Mid	16QAM	22.47	20.47
Band4	3	19965	1	#Max	16QAM	22.52	20.52
Band4	3	19965	8	#0	16QAM	21.36	19.36
Band4	3	19965	8	#Mid	16QAM	21.40	19.40
Band4	3	19965	8	#Max	16QAM	21.42	19.42
Band4	3	19965	15	#0	16QAM	21.33	19.33
Band4	3	19965	1	#0	64QAM	21.50	19.50
Band4	3	19965	1	#Mid	64QAM	21.55	19.55
Band4	3	19965	1	#Max	64QAM	21.52	19.52
Band4	3	19965	8	#0	64QAM	20.35	18.35
Band4	3	19965	8	#Mid	64QAM	20.39	18.39
Band4	3	19965	8	#Max	64QAM	20.39	18.39
Band4	3	19965	15	#0	64QAM	20.29	18.29
Band4	3	20175	1	#0	QPSK	21.73	19.73
Band4	3	20175	1	#Mid	QPSK	21.53	19.53
Band4	3	20175	1	#Max	QPSK	21.41	19.41
Band4	3	20175	8	#0	QPSK	20.68	18.68
Band4	3	20175	8	#Mid	QPSK	20.62	18.62
Band4	3	20175	8	#Max	QPSK	20.56	18.56
Band4	3	20175	15	#0	QPSK	20.62	18.62
Band4	3	20175	1	#0	16QAM	21.04	19.04
Band4	3	20175	1	#Mid	16QAM	20.81	18.81
Band4	3	20175	1	#Max	16QAM	20.70	18.70
Band4	3	20175	8	#0	16QAM	19.73	17.73
Band4	3	20175	8	#Mid	16QAM	19.66	17.66
Band4	3	20175	8	#Max	16QAM	19.60	17.60
Band4	3	20175	15	#0	16QAM	19.61	17.61
Band4	3	20175	1	#0	64QAM	19.94	17.94
Band4	3	20175	1	#Mid	64QAM	19.72	17.72
Band4	3	20175	1	#Max	64QAM	19.59	17.59
Band4	3	20175	8	#0	64QAM	18.69	16.69
Band4	3	20175	8	#Mid	64QAM	18.64	16.64
Band4	3	20175	8	#Max	64QAM	18.62	16.62
Band4	3	20175	15	#0	64QAM	18.57	16.57
Band4	3	20385	1	#0	QPSK	21.22	19.22
Band4	3	20385	1	#Mid	QPSK	21.35	19.35

Band4	3	20385	1	#Max	QPSK	21.48	19.48
Band4	3	20385	8	#0	QPSK	20.37	18.37
Band4	3	20385	8	#Mid	QPSK	20.45	18.45
Band4	3	20385	8	#Max	QPSK	20.48	18.48
Band4	3	20385	15	#0	QPSK	20.42	18.42
Band4	3	20385	1	#0	16QAM	20.49	18.49
Band4	3	20385	1	#Mid	16QAM	20.60	18.60
Band4	3	20385	1	#Max	16QAM	20.70	18.70
Band4	3	20385	8	#0	16QAM	19.44	17.44
Band4	3	20385	8	#Mid	16QAM	19.50	17.50
Band4	3	20385	8	#Max	16QAM	19.55	17.55
Band4	3	20385	15	#0	16QAM	19.42	17.42
Band4	3	20385	1	#0	64QAM	19.47	17.47
Band4	3	20385	1	#Mid	64QAM	19.53	17.53
Band4	3	20385	1	#Max	64QAM	19.62	17.62
Band4	3	20385	8	#0	64QAM	18.37	16.37
Band4	3	20385	8	#Mid	64QAM	18.46	16.46
Band4	3	20385	8	#Max	64QAM	18.48	16.48
Band4	3	20385	15	#0	64QAM	18.41	16.41
Band4	5	19975	1	#0	QPSK	23.15	21.15
Band4	5	19975	1	#Mid	QPSK	23.31	21.31
Band4	5	19975	1	#Max	QPSK	23.17	21.17
Band4	5	19975	12	#0	QPSK	22.33	20.33
Band4	5	19975	12	#Mid	QPSK	22.44	20.44
Band4	5	19975	12	#Max	QPSK	22.43	20.43
Band4	5	19975	25	#0	QPSK	22.41	20.41
Band4	5	19975	1	#0	16QAM	22.40	20.40
Band4	5	19975	1	#Mid	16QAM	22.52	20.52
Band4	5	19975	1	#Max	16QAM	22.35	20.35
Band4	5	19975	12	#0	16QAM	21.29	19.29
Band4	5	19975	12	#Mid	16QAM	21.40	19.40
Band4	5	19975	12	#Max	16QAM	21.38	19.38
Band4	5	19975	25	#0	16QAM	21.38	19.38
Band4	5	19975	1	#0	64QAM	21.37	19.37
Band4	5	19975	1	#Mid	64QAM	21.47	19.47
Band4	5	19975	1	#Max	64QAM	21.32	19.32
Band4	5	19975	12	#0	64QAM	20.30	18.30
Band4	5	19975	12	#Mid	64QAM	20.39	18.39
Band4	5	19975	12	#Max	64QAM	20.42	18.42
Band4	5	19975	25	#0	64QAM	20.38	18.38
Band4	5	20175	1	#0	QPSK	21.70	19.70
Band4	5	20175	1	#Mid	QPSK	21.56	19.56
Band4	5	20175	1	#Max	QPSK	21.26	19.26

Band4	5	20175	12	#0	QPSK	20.75	18.75
Band4	5	20175	12	#Mid	QPSK	20.68	18.68
Band4	5	20175	12	#Max	QPSK	20.53	18.53
Band4	5	20175	25	#0	QPSK	20.67	18.67
Band4	5	20175	1	#0	16QAM	21.09	19.09
Band4	5	20175	1	#Mid	16QAM	20.86	18.86
Band4	5	20175	1	#Max	16QAM	20.58	18.58
Band4	5	20175	12	#0	16QAM	19.71	17.71
Band4	5	20175	12	#Mid	16QAM	19.64	17.64
Band4	5	20175	12	#Max	16QAM	19.52	17.52
Band4	5	20175	25	#0	16QAM	19.66	17.66
Band4	5	20175	1	#0	64QAM	19.87	17.87
Band4	5	20175	1	#Mid	64QAM	19.82	17.82
Band4	5	20175	1	#Max	64QAM	19.47	17.47
Band4	5	20175	12	#0	64QAM	18.72	16.72
Band4	5	20175	12	#Mid	64QAM	18.64	16.64
Band4	5	20175	12	#Max	64QAM	18.48	16.48
Band4	5	20175	25	#0	64QAM	18.62	16.62
Band4	5	20375	1	#0	QPSK	20.99	18.99
Band4	5	20375	1	#Mid	QPSK	21.30	19.30
Band4	5	20375	1	#Max	QPSK	21.39	19.39
Band4	5	20375	12	#0	QPSK	20.30	18.30
Band4	5	20375	12	#Mid	QPSK	20.39	18.39
Band4	5	20375	12	#Max	QPSK	20.39	18.39
Band4	5	20375	25	#0	QPSK	20.37	18.37
Band4	5	20375	1	#0	16QAM	20.32	18.32
Band4	5	20375	1	#Mid	16QAM	20.52	18.52
Band4	5	20375	1	#Max	16QAM	20.67	18.67
Band4	5	20375	12	#0	16QAM	19.29	17.29
Band4	5	20375	12	#Mid	16QAM	19.37	17.37
Band4	5	20375	12	#Max	16QAM	19.38	17.38
Band4	5	20375	25	#0	16QAM	19.36	17.36
Band4	5	20375	1	#0	64QAM	19.23	17.23
Band4	5	20375	1	#Mid	64QAM	19.47	17.47
Band4	5	20375	1	#Max	64QAM	19.55	17.55
Band4	5	20375	12	#0	64QAM	18.27	16.27
Band4	5	20375	12	#Mid	64QAM	18.35	16.35
Band4	5	20375	12	#Max	64QAM	18.36	16.36
Band4	5	20375	25	#0	64QAM	18.32	16.32
Band4	10	20000	1	#0	QPSK	23.31	21.31
Band4	10	20000	1	#Mid	QPSK	23.36	21.36
Band4	10	20000	1	#Max	QPSK	23.03	21.03
Band4	10	20000	25	#0	QPSK	22.40	20.40

Band4	10	20000	25	#Mid	QPSK	22.44	20.44
Band4	10	20000	25	#Max	QPSK	22.52	20.52
Band4	10	20000	50	#0	QPSK	22.45	20.45
Band4	10	20000	1	#0	16QAM	22.53	20.53
Band4	10	20000	1	#Mid	16QAM	22.57	20.57
Band4	10	20000	1	#Max	16QAM	22.10	20.10
Band4	10	20000	25	#0	16QAM	21.34	19.34
Band4	10	20000	25	#Mid	16QAM	21.38	19.38
Band4	10	20000	25	#Max	16QAM	21.44	19.44
Band4	10	20000	50	#0	16QAM	21.38	19.38
Band4	10	20000	1	#0	64QAM	21.43	19.43
Band4	10	20000	1	#Mid	64QAM	21.54	19.54
Band4	10	20000	1	#Max	64QAM	21.21	19.21
Band4	10	20000	25	#0	64QAM	20.34	18.34
Band4	10	20000	25	#Mid	64QAM	20.38	18.38
Band4	10	20000	25	#Max	64QAM	20.47	18.47
Band4	10	20000	50	#0	64QAM	20.43	18.43
Band4	10	20175	1	#0	QPSK	22.08	20.08
Band4	10	20175	1	#Mid	QPSK	21.71	19.71
Band4	10	20175	1	#Max	QPSK	21.19	19.19
Band4	10	20175	25	#0	QPSK	21.02	19.02
Band4	10	20175	25	#Mid	QPSK	20.72	18.72
Band4	10	20175	25	#Max	QPSK	20.55	18.55
Band4	10	20175	50	#0	QPSK	20.78	18.78
Band4	10	20175	1	#0	16QAM	21.42	19.42
Band4	10	20175	1	#Mid	16QAM	20.96	18.96
Band4	10	20175	1	#Max	16QAM	20.56	18.56
Band4	10	20175	25	#0	16QAM	20.00	18.00
Band4	10	20175	25	#Mid	16QAM	19.72	17.72
Band4	10	20175	25	#Max	16QAM	19.55	17.55
Band4	10	20175	50	#0	16QAM	19.76	17.76
Band4	10	20175	1	#0	64QAM	20.23	18.23
Band4	10	20175	1	#Mid	64QAM	19.98	17.98
Band4	10	20175	1	#Max	64QAM	19.46	17.46
Band4	10	20175	25	#0	64QAM	18.94	16.94
Band4	10	20175	25	#Mid	64QAM	18.68	16.68
Band4	10	20175	25	#Max	64QAM	18.48	16.48
Band4	10	20175	50	#0	64QAM	18.73	16.73
Band4	10	20350	1	#0	QPSK	20.93	18.93
Band4	10	20350	1	#Mid	QPSK	21.19	19.19
Band4	10	20350	1	#Max	QPSK	21.46	19.46
Band4	10	20350	25	#0	QPSK	20.26	18.26
Band4	10	20350	25	#Mid	QPSK	20.28	18.28

Band4	10	20350	25	#Max	QPSK	20.34	18.34
Band4	10	20350	50	#0	QPSK	20.32	18.32
Band4	10	20350	1	#0	16QAM	20.16	18.16
Band4	10	20350	1	#Mid	16QAM	20.47	18.47
Band4	10	20350	1	#Max	16QAM	20.79	18.79
Band4	10	20350	25	#0	16QAM	19.20	17.20
Band4	10	20350	25	#Mid	16QAM	19.23	17.23
Band4	10	20350	25	#Max	16QAM	19.28	17.28
Band4	10	20350	50	#0	16QAM	19.26	17.26
Band4	10	20350	1	#0	64QAM	19.07	17.07
Band4	10	20350	1	#Mid	64QAM	19.38	17.38
Band4	10	20350	1	#Max	64QAM	19.71	17.71
Band4	10	20350	25	#0	64QAM	18.21	16.21
Band4	10	20350	25	#Mid	64QAM	18.23	16.23
Band4	10	20350	25	#Max	64QAM	18.23	16.23
Band4	10	20350	50	#0	64QAM	18.23	16.23
Band4	15	20025	1	#0	QPSK	23.20	21.20
Band4	15	20025	1	#Mid	QPSK	23.16	21.16
Band4	15	20025	1	#Max	QPSK	22.44	20.44
Band4	15	20025	36	#0	QPSK	22.33	20.33
Band4	15	20025	36	#Mid	QPSK	22.30	20.30
Band4	15	20025	36	#Max	QPSK	22.09	20.09
Band4	15	20025	75	#0	QPSK	22.18	20.18
Band4	15	20025	1	#0	16QAM	22.48	20.48
Band4	15	20025	1	#Mid	16QAM	22.24	20.24
Band4	15	20025	1	#Max	16QAM	21.70	19.70
Band4	15	20025	36	#0	16QAM	21.23	19.23
Band4	15	20025	36	#Mid	16QAM	21.16	19.16
Band4	15	20025	36	#Max	16QAM	20.99	18.99
Band4	15	20025	75	#0	16QAM	21.12	19.12
Band4	15	20025	1	#0	64QAM	21.36	19.36
Band4	15	20025	1	#Mid	64QAM	21.20	19.20
Band4	15	20025	1	#Max	64QAM	20.69	18.69
Band4	15	20025	36	#0	64QAM	20.28	18.28
Band4	15	20025	36	#Mid	64QAM	20.23	18.23
Band4	15	20025	36	#Max	64QAM	19.98	17.98
Band4	15	20025	75	#0	64QAM	20.11	18.11
Band4	15	20175	1	#0	QPSK	22.24	20.24
Band4	15	20175	1	#Mid	QPSK	21.58	19.58
Band4	15	20175	1	#Max	QPSK	20.98	18.98
Band4	15	20175	36	#0	QPSK	21.15	19.15
Band4	15	20175	36	#Mid	QPSK	20.71	18.71
Band4	15	20175	36	#Max	QPSK	20.45	18.45

Band4	15	20175	75	#0	QPSK	20.80	18.80
Band4	15	20175	1	#0	16QAM	21.52	19.52
Band4	15	20175	1	#Mid	16QAM	20.93	18.93
Band4	15	20175	1	#Max	16QAM	20.23	18.23
Band4	15	20175	36	#0	16QAM	20.11	18.11
Band4	15	20175	36	#Mid	16QAM	19.66	17.66
Band4	15	20175	36	#Max	16QAM	19.41	17.41
Band4	15	20175	75	#0	16QAM	19.79	17.79
Band4	15	20175	1	#0	64QAM	20.48	18.48
Band4	15	20175	1	#Mid	64QAM	19.80	17.80
Band4	15	20175	1	#Max	64QAM	19.23	17.23
Band4	15	20175	36	#0	64QAM	19.13	17.13
Band4	15	20175	36	#Mid	64QAM	18.67	16.67
Band4	15	20175	36	#Max	64QAM	18.39	16.39
Band4	15	20175	75	#0	64QAM	18.77	16.77
Band4	15	20325	1	#0	QPSK	20.96	18.96
Band4	15	20325	1	#Mid	QPSK	21.02	19.02
Band4	15	20325	1	#Max	QPSK	21.35	19.35
Band4	15	20325	36	#0	QPSK	20.14	18.14
Band4	15	20325	36	#Mid	QPSK	20.16	18.16
Band4	15	20325	36	#Max	QPSK	20.25	18.25
Band4	15	20325	75	#0	QPSK	20.18	18.18
Band4	15	20325	1	#0	16QAM	20.21	18.21
Band4	15	20325	1	#Mid	16QAM	20.23	18.23
Band4	15	20325	1	#Max	16QAM	20.67	18.67
Band4	15	20325	36	#0	16QAM	19.05	17.05
Band4	15	20325	36	#Mid	16QAM	19.11	17.11
Band4	15	20325	36	#Max	16QAM	19.20	17.20
Band4	15	20325	75	#0	16QAM	19.10	17.10
Band4	15	20325	1	#0	64QAM	19.19	17.19
Band4	15	20325	1	#Mid	64QAM	19.16	17.16
Band4	15	20325	1	#Max	64QAM	19.51	17.51
Band4	15	20325	36	#0	64QAM	18.07	16.07
Band4	15	20325	36	#Mid	64QAM	18.14	16.14
Band4	15	20325	36	#Max	64QAM	18.17	16.17
Band4	15	20325	75	#0	64QAM	18.12	16.12
Band4	20	20050	1	#0	QPSK	23.04	21.04
Band4	20	20050	1	#Mid	QPSK	23.04	21.04
Band4	20	20050	1	#Max	QPSK	21.76	19.76
Band4	20	20050	50	#0	QPSK	22.11	20.11
Band4	20	20050	50	#Mid	QPSK	22.15	20.15
Band4	20	20050	50	#Max	QPSK	21.68	19.68
Band4	20	20050	100	#0	QPSK	21.85	19.85

Band4	20	20050	1	#0	16QAM	22.39	20.39
Band4	20	20050	1	#Mid	16QAM	22.18	20.18
Band4	20	20050	1	#Max	16QAM	21.03	19.03
Band4	20	20050	50	#0	16QAM	21.03	19.03
Band4	20	20050	50	#Mid	16QAM	21.05	19.05
Band4	20	20050	50	#Max	16QAM	20.62	18.62
Band4	20	20050	100	#0	16QAM	20.77	18.77
Band4	20	20050	1	#0	64QAM	21.27	19.27
Band4	20	20050	1	#Mid	64QAM	21.14	19.14
Band4	20	20050	1	#Max	64QAM	19.98	17.98
Band4	20	20050	50	#0	64QAM	20.04	18.04
Band4	20	20050	50	#Mid	64QAM	20.05	18.05
Band4	20	20050	50	#Max	64QAM	19.59	17.59
Band4	20	20050	100	#0	64QAM	19.77	17.77
Band4	20	20175	1	#0	QPSK	22.31	20.31
Band4	20	20175	1	#Mid	QPSK	21.69	19.69
Band4	20	20175	1	#Max	QPSK	20.67	18.67
Band4	20	20175	50	#0	QPSK	21.34	19.34
Band4	20	20175	50	#Mid	QPSK	20.75	18.75
Band4	20	20175	50	#Max	QPSK	20.48	18.48
Band4	20	20175	100	#0	QPSK	20.90	18.90
Band4	20	20175	1	#0	16QAM	21.62	19.62
Band4	20	20175	1	#Mid	16QAM	20.96	18.96
Band4	20	20175	1	#Max	16QAM	20.00	18.00
Band4	20	20175	50	#0	16QAM	20.32	18.32
Band4	20	20175	50	#Mid	16QAM	19.75	17.75
Band4	20	20175	50	#Max	16QAM	19.45	17.45
Band4	20	20175	100	#0	16QAM	19.89	17.89
Band4	20	20175	1	#0	64QAM	20.46	18.46
Band4	20	20175	1	#Mid	64QAM	19.91	17.91
Band4	20	20175	1	#Max	64QAM	18.89	16.89
Band4	20	20175	50	#0	64QAM	19.32	17.32
Band4	20	20175	50	#Mid	64QAM	18.73	16.73
Band4	20	20175	50	#Max	64QAM	18.42	16.42
Band4	20	20175	100	#0	64QAM	18.88	16.88
Band4	20	20300	1	#0	QPSK	20.99	18.99
Band4	20	20300	1	#Mid	QPSK	20.90	18.90
Band4	20	20300	1	#Max	QPSK	21.06	19.06
Band4	20	20300	50	#0	QPSK	20.05	18.05
Band4	20	20300	50	#Mid	QPSK	20.07	18.07
Band4	20	20300	50	#Max	QPSK	20.02	18.02
Band4	20	20300	100	#0	QPSK	20.01	18.01
Band4	20	20300	1	#0	16QAM	20.30	18.30

Band4	20	20300	1	#Mid	16QAM	20.13	18.13
Band4	20	20300	1	#Max	16QAM	20.39	18.39
Band4	20	20300	50	#0	16QAM	19.03	17.03
Band4	20	20300	50	#Mid	16QAM	19.04	17.04
Band4	20	20300	50	#Max	16QAM	18.94	16.94
Band4	20	20300	100	#0	16QAM	18.95	16.95
Band4	20	20300	1	#0	64QAM	19.17	17.17
Band4	20	20300	1	#Mid	64QAM	19.13	17.13
Band4	20	20300	1	#Max	64QAM	19.28	17.28
Band4	20	20300	50	#0	64QAM	18.01	16.01
Band4	20	20300	50	#Mid	64QAM	18.04	16.04
Band4	20	20300	50	#Max	64QAM	17.92	15.92
Band4	20	20300	100	#0	64QAM	17.95	15.95

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
Band5	1.4	20407	1	#0	QPSK	21.85	15.84
Band5	1.4	20407	1	#Mid	QPSK	21.92	15.91
Band5	1.4	20407	1	#Max	QPSK	21.77	15.76
Band5	1.4	20407	3	#0	QPSK	21.96	15.95
Band5	1.4	20407	3	#Mid	QPSK	21.96	15.95
Band5	1.4	20407	3	#Max	QPSK	21.86	15.85
Band5	1.4	20407	6	#0	QPSK	20.92	14.91
Band5	1.4	20407	1	#0	16QAM	21.00	14.99
Band5	1.4	20407	1	#Mid	16QAM	21.14	15.13
Band5	1.4	20407	1	#Max	16QAM	20.94	14.93
Band5	1.4	20407	3	#0	16QAM	20.93	14.92
Band5	1.4	20407	3	#Mid	16QAM	20.87	14.86
Band5	1.4	20407	3	#Max	16QAM	20.86	14.85
Band5	1.4	20407	6	#0	16QAM	20.07	14.06
Band5	1.4	20407	1	#0	64QAM	20.13	14.12
Band5	1.4	20407	1	#Mid	64QAM	20.14	14.13
Band5	1.4	20407	1	#Max	64QAM	20.04	14.03
Band5	1.4	20407	3	#0	64QAM	20.07	14.06
Band5	1.4	20407	3	#Mid	64QAM	20.07	14.06
Band5	1.4	20407	3	#Max	64QAM	20.01	14.00
Band5	1.4	20407	6	#0	64QAM	18.98	12.97
Band5	1.4	20525	1	#0	QPSK	20.89	14.88
Band5	1.4	20525	1	#Mid	QPSK	20.98	14.97
Band5	1.4	20525	1	#Max	QPSK	20.82	14.81
Band5	1.4	20525	3	#0	QPSK	20.97	14.96
Band5	1.4	20525	3	#Mid	QPSK	20.99	14.98
Band5	1.4	20525	3	#Max	QPSK	20.91	14.90

Band5	1.4	20525	6	#0	QPSK	19.98	13.97
Band5	1.4	20525	1	#0	16QAM	20.20	14.19
Band5	1.4	20525	1	#Mid	16QAM	20.20	14.19
Band5	1.4	20525	1	#Max	16QAM	20.01	14.00
Band5	1.4	20525	3	#0	16QAM	19.92	13.91
Band5	1.4	20525	3	#Mid	16QAM	19.93	13.92
Band5	1.4	20525	3	#Max	16QAM	19.82	13.81
Band5	1.4	20525	6	#0	16QAM	19.16	13.15
Band5	1.4	20525	1	#0	64QAM	19.22	13.21
Band5	1.4	20525	1	#Mid	64QAM	19.19	13.18
Band5	1.4	20525	1	#Max	64QAM	19.09	13.08
Band5	1.4	20525	3	#0	64QAM	19.16	13.15
Band5	1.4	20525	3	#Mid	64QAM	19.17	13.16
Band5	1.4	20525	3	#Max	64QAM	19.18	13.17
Band5	1.4	20525	6	#0	64QAM	18.04	12.03
Band5	1.4	20643	1	#0	QPSK	21.31	15.30
Band5	1.4	20643	1	#Mid	QPSK	21.48	15.47
Band5	1.4	20643	1	#Max	QPSK	21.34	15.33
Band5	1.4	20643	3	#0	QPSK	21.41	15.40
Band5	1.4	20643	3	#Mid	QPSK	21.47	15.46
Band5	1.4	20643	3	#Max	QPSK	21.49	15.48
Band5	1.4	20643	6	#0	QPSK	20.42	14.41
Band5	1.4	20643	1	#0	16QAM	20.52	14.51
Band5	1.4	20643	1	#Mid	16QAM	20.77	14.76
Band5	1.4	20643	1	#Max	16QAM	20.70	14.69
Band5	1.4	20643	3	#0	16QAM	20.36	14.35
Band5	1.4	20643	3	#Mid	16QAM	20.48	14.47
Band5	1.4	20643	3	#Max	16QAM	20.46	14.45
Band5	1.4	20643	6	#0	16QAM	19.59	13.58
Band5	1.4	20643	1	#0	64QAM	19.48	13.47
Band5	1.4	20643	1	#Mid	64QAM	19.76	13.75
Band5	1.4	20643	1	#Max	64QAM	19.62	13.61
Band5	1.4	20643	3	#0	64QAM	19.54	13.53
Band5	1.4	20643	3	#Mid	64QAM	19.64	13.63
Band5	1.4	20643	3	#Max	64QAM	19.64	13.63
Band5	1.4	20643	6	#0	64QAM	18.47	12.46
Band5	3	20415	1	#0	QPSK	21.89	15.88
Band5	3	20415	1	#Mid	QPSK	21.77	15.76
Band5	3	20415	1	#Max	QPSK	21.63	15.62
Band5	3	20415	8	#0	QPSK	20.89	14.88
Band5	3	20415	8	#Mid	QPSK	20.83	14.82
Band5	3	20415	8	#Max	QPSK	20.73	14.72
Band5	3	20415	15	#0	QPSK	20.81	14.80

Band5	3	20415	1	#0	16QAM	21.10	15.09
Band5	3	20415	1	#Mid	16QAM	20.96	14.95
Band5	3	20415	1	#Max	16QAM	20.95	14.94
Band5	3	20415	8	#0	16QAM	20.01	14.00
Band5	3	20415	8	#Mid	16QAM	19.98	13.97
Band5	3	20415	8	#Max	16QAM	19.86	13.85
Band5	3	20415	15	#0	16QAM	19.89	13.88
Band5	3	20415	1	#0	64QAM	20.11	14.10
Band5	3	20415	1	#Mid	64QAM	20.05	14.04
Band5	3	20415	1	#Max	64QAM	19.98	13.97
Band5	3	20415	8	#0	64QAM	19.00	12.99
Band5	3	20415	8	#Mid	64QAM	18.98	12.97
Band5	3	20415	8	#Max	64QAM	18.95	12.94
Band5	3	20415	15	#0	64QAM	18.94	12.93
Band5	3	20525	1	#0	QPSK	21.04	15.03
Band5	3	20525	1	#Mid	QPSK	20.92	14.91
Band5	3	20525	1	#Max	QPSK	20.87	14.86
Band5	3	20525	8	#0	QPSK	19.89	13.88
Band5	3	20525	8	#Mid	QPSK	19.97	13.96
Band5	3	20525	8	#Max	QPSK	19.94	13.93
Band5	3	20525	15	#0	QPSK	19.97	13.96
Band5	3	20525	1	#0	16QAM	20.23	14.22
Band5	3	20525	1	#Mid	16QAM	20.20	14.19
Band5	3	20525	1	#Max	16QAM	20.14	14.13
Band5	3	20525	8	#0	16QAM	19.05	13.04
Band5	3	20525	8	#Mid	16QAM	19.13	13.12
Band5	3	20525	8	#Max	16QAM	19.09	13.08
Band5	3	20525	15	#0	16QAM	19.01	13.00
Band5	3	20525	1	#0	64QAM	19.25	13.24
Band5	3	20525	1	#Mid	64QAM	19.17	13.16
Band5	3	20525	1	#Max	64QAM	19.13	13.12
Band5	3	20525	8	#0	64QAM	18.07	12.06
Band5	3	20525	8	#Mid	64QAM	18.07	12.06
Band5	3	20525	8	#Max	64QAM	18.05	12.04
Band5	3	20525	15	#0	64QAM	18.02	12.01
Band5	3	20635	1	#0	QPSK	21.25	15.24
Band5	3	20635	1	#Mid	QPSK	21.33	15.32
Band5	3	20635	1	#Max	QPSK	21.43	15.42
Band5	3	20635	8	#0	QPSK	20.25	14.24
Band5	3	20635	8	#Mid	QPSK	20.35	14.34
Band5	3	20635	8	#Max	QPSK	20.32	14.31
Band5	3	20635	15	#0	QPSK	20.27	14.26
Band5	3	20635	1	#0	16QAM	20.48	14.47

Band5	3	20635	1	#Mid	16QAM	20.61	14.60
Band5	3	20635	1	#Max	16QAM	20.68	14.67
Band5	3	20635	8	#0	16QAM	19.39	13.38
Band5	3	20635	8	#Mid	16QAM	19.52	13.51
Band5	3	20635	8	#Max	16QAM	19.45	13.44
Band5	3	20635	15	#0	16QAM	19.38	13.37
Band5	3	20635	1	#0	64QAM	19.54	13.53
Band5	3	20635	1	#Mid	64QAM	19.68	13.67
Band5	3	20635	1	#Max	64QAM	19.68	13.67
Band5	3	20635	8	#0	64QAM	18.39	12.38
Band5	3	20635	8	#Mid	64QAM	18.57	12.56
Band5	3	20635	8	#Max	64QAM	18.55	12.54
Band5	3	20635	15	#0	64QAM	18.64	12.63
Band5	5	20425	1	#0	QPSK	21.96	15.95
Band5	5	20425	1	#Mid	QPSK	21.64	15.63
Band5	5	20425	1	#Max	QPSK	21.39	15.38
Band5	5	20425	12	#0	QPSK	20.91	14.90
Band5	5	20425	12	#Mid	QPSK	20.74	14.73
Band5	5	20425	12	#Max	QPSK	20.49	14.48
Band5	5	20425	25	#0	QPSK	20.77	14.76
Band5	5	20425	1	#0	16QAM	21.05	15.04
Band5	5	20425	1	#Mid	16QAM	21.00	14.99
Band5	5	20425	1	#Max	16QAM	20.67	14.66
Band5	5	20425	12	#0	16QAM	19.98	13.97
Band5	5	20425	12	#Mid	16QAM	19.80	13.79
Band5	5	20425	12	#Max	16QAM	19.59	13.58
Band5	5	20425	25	#0	16QAM	19.82	13.81
Band5	5	20425	1	#0	64QAM	20.01	14.00
Band5	5	20425	1	#Mid	64QAM	19.92	13.91
Band5	5	20425	1	#Max	64QAM	19.62	13.61
Band5	5	20425	12	#0	64QAM	18.98	12.97
Band5	5	20425	12	#Mid	64QAM	18.89	12.88
Band5	5	20425	12	#Max	64QAM	18.57	12.56
Band5	5	20425	25	#0	64QAM	18.93	12.92
Band5	5	20525	1	#0	QPSK	20.94	14.93
Band5	5	20525	1	#Mid	QPSK	20.95	14.94
Band5	5	20525	1	#Max	QPSK	20.74	14.73
Band5	5	20525	12	#0	QPSK	19.82	13.81
Band5	5	20525	12	#Mid	QPSK	20.01	14.00
Band5	5	20525	12	#Max	QPSK	20.00	13.99
Band5	5	20525	25	#0	QPSK	20.00	13.99
Band5	5	20525	1	#0	16QAM	20.23	14.22
Band5	5	20525	1	#Mid	16QAM	20.11	14.10

Band5	5	20525	1	#Max	16QAM	19.89	13.88
Band5	5	20525	12	#0	16QAM	18.89	12.88
Band5	5	20525	12	#Mid	16QAM	19.07	13.06
Band5	5	20525	12	#Max	16QAM	19.07	13.06
Band5	5	20525	25	#0	16QAM	19.02	13.01
Band5	5	20525	1	#0	64QAM	19.16	13.15
Band5	5	20525	1	#Mid	64QAM	19.21	13.20
Band5	5	20525	1	#Max	64QAM	19.05	13.04
Band5	5	20525	12	#0	64QAM	17.92	11.91
Band5	5	20525	12	#Mid	64QAM	18.16	12.15
Band5	5	20525	12	#Max	64QAM	18.14	12.13
Band5	5	20525	25	#0	64QAM	18.07	12.06
Band5	5	20625	1	#0	QPSK	21.02	15.01
Band5	5	20625	1	#Mid	QPSK	21.32	15.31
Band5	5	20625	1	#Max	QPSK	21.34	15.33
Band5	5	20625	12	#0	QPSK	20.01	14.00
Band5	5	20625	12	#Mid	QPSK	20.37	14.36
Band5	5	20625	12	#Max	QPSK	20.23	14.22
Band5	5	20625	25	#0	QPSK	20.20	14.19
Band5	5	20625	1	#0	16QAM	20.36	14.35
Band5	5	20625	1	#Mid	16QAM	20.54	14.53
Band5	5	20625	1	#Max	16QAM	20.66	14.65
Band5	5	20625	12	#0	16QAM	19.12	13.11
Band5	5	20625	12	#Mid	16QAM	19.43	13.42
Band5	5	20625	12	#Max	16QAM	19.30	13.29
Band5	5	20625	25	#0	16QAM	19.30	13.29
Band5	5	20625	1	#0	64QAM	19.30	13.29
Band5	5	20625	1	#Mid	64QAM	19.50	13.49
Band5	5	20625	1	#Max	64QAM	19.62	13.61
Band5	5	20625	12	#0	64QAM	18.10	12.09
Band5	5	20625	12	#Mid	64QAM	18.46	12.45
Band5	5	20625	12	#Max	64QAM	18.39	12.38
Band5	5	20625	25	#0	64QAM	18.30	12.29
Band5	10	20450	1	#0	QPSK	21.86	15.85
Band5	10	20450	1	#Mid	QPSK	21.52	15.51
Band5	10	20450	1	#Max	QPSK	21.04	15.03
Band5	10	20450	25	#0	QPSK	20.96	14.95
Band5	10	20450	25	#Mid	QPSK	20.45	14.44
Band5	10	20450	25	#Max	QPSK	20.25	14.24
Band5	10	20450	50	#0	QPSK	20.66	14.65
Band5	10	20450	1	#0	16QAM	21.12	15.11
Band5	10	20450	1	#Mid	16QAM	20.83	14.82
Band5	10	20450	1	#Max	16QAM	20.36	14.35

Band5	10	20450	25	#0	16QAM	20.05	14.04
Band5	10	20450	25	#Mid	16QAM	19.55	13.54
Band5	10	20450	25	#Max	16QAM	19.36	13.35
Band5	10	20450	50	#0	16QAM	19.77	13.76
Band5	10	20450	1	#0	64QAM	20.12	14.11
Band5	10	20450	1	#Mid	64QAM	19.77	13.76
Band5	10	20450	1	#Max	64QAM	19.28	13.27
Band5	10	20450	25	#0	64QAM	19.05	13.04
Band5	10	20450	25	#Mid	64QAM	18.55	12.54
Band5	10	20450	25	#Max	64QAM	18.36	12.35
Band5	10	20450	50	#0	64QAM	18.78	12.77
Band5	10	20525	1	#0	QPSK	21.14	15.13
Band5	10	20525	1	#Mid	QPSK	21.00	14.99
Band5	10	20525	1	#Max	QPSK	20.92	14.91
Band5	10	20525	25	#0	QPSK	19.77	13.76
Band5	10	20525	25	#Mid	QPSK	19.98	13.97
Band5	10	20525	25	#Max	QPSK	19.89	13.88
Band5	10	20525	50	#0	QPSK	19.86	13.85
Band5	10	20525	1	#0	16QAM	20.54	14.53
Band5	10	20525	1	#Mid	16QAM	20.14	14.13
Band5	10	20525	1	#Max	16QAM	20.20	14.19
Band5	10	20525	25	#0	16QAM	18.89	12.88
Band5	10	20525	25	#Mid	16QAM	19.07	13.06
Band5	10	20525	25	#Max	16QAM	18.97	12.96
Band5	10	20525	50	#0	16QAM	18.94	12.93
Band5	10	20525	1	#0	64QAM	19.41	13.40
Band5	10	20525	1	#Mid	64QAM	19.21	13.20
Band5	10	20525	1	#Max	64QAM	19.17	13.16
Band5	10	20525	25	#0	64QAM	17.87	11.86
Band5	10	20525	25	#Mid	64QAM	18.04	12.03
Band5	10	20525	25	#Max	64QAM	17.98	11.97
Band5	10	20525	50	#0	64QAM	17.96	11.95
Band5	10	20600	1	#0	QPSK	20.89	14.88
Band5	10	20600	1	#Mid	QPSK	21.17	15.16
Band5	10	20600	1	#Max	QPSK	21.37	15.36
Band5	10	20600	25	#0	QPSK	20.36	14.35
Band5	10	20600	25	#Mid	QPSK	20.18	14.17
Band5	10	20600	25	#Max	QPSK	20.58	14.57
Band5	10	20600	50	#0	QPSK	20.48	14.47
Band5	10	20600	1	#0	16QAM	20.18	14.17
Band5	10	20600	1	#Mid	16QAM	20.41	14.40
Band5	10	20600	1	#Max	16QAM	20.64	14.63
Band5	10	20600	25	#0	16QAM	19.48	13.47

Band5	10	20600	25	#Mid	16QAM	19.27	13.26
Band5	10	20600	25	#Max	16QAM	19.66	13.65
Band5	10	20600	50	#0	16QAM	19.55	13.54
Band5	10	20600	1	#0	64QAM	19.14	13.13
Band5	10	20600	1	#Mid	64QAM	19.36	13.35
Band5	10	20600	1	#Max	64QAM	19.64	13.63
Band5	10	20600	25	#0	64QAM	18.48	12.47
Band5	10	20600	25	#Mid	64QAM	18.30	12.29
Band5	10	20600	25	#Max	64QAM	18.69	12.68
Band5	10	20600	50	#0	64QAM	18.69	12.68

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
Band7	5	20775	1	#0	QPSK	21.61	23.62
Band7	5	20775	1	#Mid	QPSK	21.15	23.16
Band7	5	20775	1	#Max	QPSK	20.71	22.72
Band7	5	20775	12	#0	QPSK	20.35	22.36
Band7	5	20775	12	#Mid	QPSK	20.23	22.24
Band7	5	20775	12	#Max	QPSK	20.01	22.02
Band7	5	20775	25	#0	QPSK	20.21	22.22
Band7	5	20775	1	#0	16QAM	20.71	22.72
Band7	5	20775	1	#Mid	16QAM	20.43	22.44
Band7	5	20775	1	#Max	16QAM	19.97	21.98
Band7	5	20775	12	#0	16QAM	19.30	21.31
Band7	5	20775	12	#Mid	16QAM	19.21	21.22
Band7	5	20775	12	#Max	16QAM	19.00	21.01
Band7	5	20775	25	#0	16QAM	19.18	21.19
Band7	5	20775	1	#0	64QAM	19.54	21.55
Band7	5	20775	1	#Mid	64QAM	19.32	21.33
Band7	5	20775	1	#Max	64QAM	18.87	20.88
Band7	5	20775	12	#0	64QAM	18.34	20.35
Band7	5	20775	12	#Mid	64QAM	18.23	20.24
Band7	5	20775	12	#Max	64QAM	18.00	20.01
Band7	5	20775	25	#0	64QAM	18.19	20.20
Band7	5	21100	1	#0	QPSK	21.79	23.80
Band7	5	21100	1	#Mid	QPSK	22.29	24.30
Band7	5	21100	1	#Max	QPSK	22.44	24.45
Band7	5	21100	12	#0	QPSK	21.19	23.20
Band7	5	21100	12	#Mid	QPSK	21.41	23.42
Band7	5	21100	12	#Max	QPSK	21.47	23.48
Band7	5	21100	25	#0	QPSK	21.35	23.36
Band7	5	21100	1	#0	16QAM	21.08	23.09
Band7	5	21100	1	#Mid	16QAM	21.46	23.47

Band7	5	21100	1	#Max	16QAM	21.65	23.66
Band7	5	21100	12	#0	16QAM	20.13	22.14
Band7	5	21100	12	#Mid	16QAM	20.34	22.35
Band7	5	21100	12	#Max	16QAM	20.42	22.43
Band7	5	21100	25	#0	16QAM	20.30	22.31
Band7	5	21100	1	#0	64QAM	20.03	22.04
Band7	5	21100	1	#Mid	64QAM	20.41	22.42
Band7	5	21100	1	#Max	64QAM	20.54	22.55
Band7	5	21100	12	#0	64QAM	19.17	21.18
Band7	5	21100	12	#Mid	64QAM	19.37	21.38
Band7	5	21100	12	#Max	64QAM	19.45	21.46
Band7	5	21100	25	#0	64QAM	19.32	21.33
Band7	5	21425	1	#0	QPSK	20.72	22.73
Band7	5	21425	1	#Mid	QPSK	20.67	22.68
Band7	5	21425	1	#Max	QPSK	20.38	22.39
Band7	5	21425	12	#0	QPSK	19.87	21.88
Band7	5	21425	12	#Mid	QPSK	19.76	21.77
Band7	5	21425	12	#Max	QPSK	19.57	21.58
Band7	5	21425	25	#0	QPSK	19.75	21.76
Band7	5	21425	1	#0	16QAM	20.07	22.08
Band7	5	21425	1	#Mid	16QAM	19.91	21.92
Band7	5	21425	1	#Max	16QAM	19.64	21.65
Band7	5	21425	12	#0	16QAM	18.86	20.87
Band7	5	21425	12	#Mid	16QAM	18.73	20.74
Band7	5	21425	12	#Max	16QAM	18.53	20.54
Band7	5	21425	25	#0	16QAM	18.73	20.74
Band7	5	21425	1	#0	64QAM	18.89	20.90
Band7	5	21425	1	#Mid	64QAM	18.87	20.88
Band7	5	21425	1	#Max	64QAM	18.60	20.61
Band7	5	21425	12	#0	64QAM	17.87	19.88
Band7	5	21425	12	#Mid	64QAM	17.73	19.74
Band7	5	21425	12	#Max	64QAM	17.55	19.56
Band7	5	21425	25	#0	64QAM	17.72	19.73
Band7	10	20800	1	#0	QPSK	21.42	23.43
Band7	10	20800	1	#Mid	QPSK	20.90	22.91
Band7	10	20800	1	#Max	QPSK	20.30	22.31
Band7	10	20800	25	#0	QPSK	20.27	22.28
Band7	10	20800	25	#Mid	QPSK	19.94	21.95
Band7	10	20800	25	#Max	QPSK	19.72	21.73
Band7	10	20800	50	#0	QPSK	20.01	22.02
Band7	10	20800	1	#0	16QAM	20.77	22.78
Band7	10	20800	1	#Mid	16QAM	20.10	22.11
Band7	10	20800	1	#Max	16QAM	19.53	21.54

Band7	10	20800	25	#0	16QAM	19.23	21.24
Band7	10	20800	25	#Mid	16QAM	18.89	20.90
Band7	10	20800	25	#Max	16QAM	18.70	20.71
Band7	10	20800	50	#0	16QAM	18.97	20.98
Band7	10	20800	1	#0	64QAM	19.57	21.58
Band7	10	20800	1	#Mid	64QAM	19.10	21.11
Band7	10	20800	1	#Max	64QAM	18.42	20.43
Band7	10	20800	25	#0	64QAM	18.20	20.21
Band7	10	20800	25	#Mid	64QAM	17.91	19.92
Band7	10	20800	25	#Max	64QAM	17.64	19.65
Band7	10	20800	50	#0	64QAM	17.94	19.95
Band7	10	21100	1	#0	QPSK	21.59	23.60
Band7	10	21100	1	#Mid	QPSK	22.39	24.40
Band7	10	21100	1	#Max	QPSK	22.81	24.82
Band7	10	21100	25	#0	QPSK	21.16	23.17
Band7	10	21100	25	#Mid	QPSK	21.46	23.47
Band7	10	21100	25	#Max	QPSK	21.71	23.72
Band7	10	21100	50	#0	QPSK	21.43	23.44
Band7	10	21100	1	#0	16QAM	20.77	22.78
Band7	10	21100	1	#Mid	16QAM	21.54	23.55
Band7	10	21100	1	#Max	16QAM	22.01	24.02
Band7	10	21100	25	#0	16QAM	20.10	22.11
Band7	10	21100	25	#Mid	16QAM	20.38	22.39
Band7	10	21100	25	#Max	16QAM	20.64	22.65
Band7	10	21100	50	#0	16QAM	20.37	22.38
Band7	10	21100	1	#0	64QAM	19.77	21.78
Band7	10	21100	1	#Mid	64QAM	20.54	22.55
Band7	10	21100	1	#Max	64QAM	20.94	22.95
Band7	10	21100	25	#0	64QAM	19.11	21.12
Band7	10	21100	25	#Mid	64QAM	19.41	21.42
Band7	10	21100	25	#Max	64QAM	19.67	21.68
Band7	10	21100	50	#0	64QAM	19.39	21.40
Band7	10	21400	1	#0	QPSK	21.42	23.43
Band7	10	21400	1	#Mid	QPSK	21.00	23.01
Band7	10	21400	1	#Max	QPSK	20.49	22.50
Band7	10	21400	25	#0	QPSK	20.39	22.40
Band7	10	21400	25	#Mid	QPSK	20.01	22.02
Band7	10	21400	25	#Max	QPSK	19.70	21.71
Band7	10	21400	50	#0	QPSK	20.07	22.08
Band7	10	21400	1	#0	16QAM	20.64	22.65
Band7	10	21400	1	#Mid	16QAM	20.28	22.29
Band7	10	21400	1	#Max	16QAM	19.72	21.73
Band7	10	21400	25	#0	16QAM	19.35	21.36

Band7	10	21400	25	#Mid	16QAM	18.98	20.99
Band7	10	21400	25	#Max	16QAM	18.71	20.72
Band7	10	21400	50	#0	16QAM	19.07	21.08
Band7	10	21400	1	#0	64QAM	19.60	21.61
Band7	10	21400	1	#Mid	64QAM	19.18	21.19
Band7	10	21400	1	#Max	64QAM	18.68	20.69
Band7	10	21400	25	#0	64QAM	18.36	20.37
Band7	10	21400	25	#Mid	64QAM	18.00	20.01
Band7	10	21400	25	#Max	64QAM	17.70	19.71
Band7	10	21400	50	#0	64QAM	18.07	20.08
Band7	15	20825	1	#0	QPSK	21.33	23.34
Band7	15	20825	1	#Mid	QPSK	20.52	22.53
Band7	15	20825	1	#Max	QPSK	20.09	22.10
Band7	15	20825	36	#0	QPSK	20.10	22.11
Band7	15	20825	36	#Mid	QPSK	19.71	21.72
Band7	15	20825	36	#Max	QPSK	19.43	21.44
Band7	15	20825	75	#0	QPSK	19.78	21.79
Band7	15	20825	1	#0	16QAM	20.54	22.55
Band7	15	20825	1	#Mid	16QAM	19.70	21.71
Band7	15	20825	1	#Max	16QAM	19.34	21.35
Band7	15	20825	36	#0	16QAM	19.05	21.06
Band7	15	20825	36	#Mid	16QAM	18.61	20.62
Band7	15	20825	36	#Max	16QAM	18.34	20.35
Band7	15	20825	75	#0	16QAM	18.71	20.72
Band7	15	20825	1	#0	64QAM	19.55	21.56
Band7	15	20825	1	#Mid	64QAM	18.68	20.69
Band7	15	20825	1	#Max	64QAM	18.23	20.24
Band7	15	20825	36	#0	64QAM	18.04	20.05
Band7	15	20825	36	#Mid	64QAM	17.64	19.65
Band7	15	20825	36	#Max	64QAM	17.34	19.35
Band7	15	20825	75	#0	64QAM	17.70	19.71
Band7	15	21100	1	#0	QPSK	21.18	23.19
Band7	15	21100	1	#Mid	QPSK	22.32	24.33
Band7	15	21100	1	#Max	QPSK	22.92	24.93
Band7	15	21100	36	#0	QPSK	20.91	22.92
Band7	15	21100	36	#Mid	QPSK	21.42	23.43
Band7	15	21100	36	#Max	QPSK	21.84	23.85
Band7	15	21100	75	#0	QPSK	21.36	23.37
Band7	15	21100	1	#0	16QAM	20.49	22.50
Band7	15	21100	1	#Mid	16QAM	21.45	23.46
Band7	15	21100	1	#Max	16QAM	22.11	24.12
Band7	15	21100	36	#0	16QAM	19.86	21.87
Band7	15	21100	36	#Mid	16QAM	20.35	22.36

Band7	15	21100	36	#Max	16QAM	20.73	22.74
Band7	15	21100	75	#0	16QAM	20.34	22.35
Band7	15	21100	1	#0	64QAM	19.34	21.35
Band7	15	21100	1	#Mid	64QAM	20.43	22.44
Band7	15	21100	1	#Max	64QAM	21.05	23.06
Band7	15	21100	36	#0	64QAM	18.87	20.88
Band7	15	21100	36	#Mid	64QAM	19.37	21.38
Band7	15	21100	36	#Max	64QAM	19.79	21.80
Band7	15	21100	75	#0	64QAM	19.32	21.33
Band7	15	21375	1	#0	QPSK	22.09	24.10
Band7	15	21375	1	#Mid	QPSK	21.21	23.22
Band7	15	21375	1	#Max	QPSK	20.43	22.44
Band7	15	21375	36	#0	QPSK	20.80	22.81
Band7	15	21375	36	#Mid	QPSK	20.32	22.33
Band7	15	21375	36	#Max	QPSK	19.82	21.83
Band7	15	21375	75	#0	QPSK	20.38	22.39
Band7	15	21375	1	#0	16QAM	21.45	23.46
Band7	15	21375	1	#Mid	16QAM	20.43	22.44
Band7	15	21375	1	#Max	16QAM	19.67	21.68
Band7	15	21375	36	#0	16QAM	19.76	21.77
Band7	15	21375	36	#Mid	16QAM	19.28	21.29
Band7	15	21375	36	#Max	16QAM	18.80	20.81
Band7	15	21375	75	#0	16QAM	19.38	21.39
Band7	15	21375	1	#0	64QAM	20.28	22.29
Band7	15	21375	1	#Mid	64QAM	19.37	21.38
Band7	15	21375	1	#Max	64QAM	18.61	20.62
Band7	15	21375	36	#0	64QAM	18.76	20.77
Band7	15	21375	36	#Mid	64QAM	18.27	20.28
Band7	15	21375	36	#Max	64QAM	17.80	19.81
Band7	15	21375	75	#0	64QAM	18.32	20.33
Band7	20	20850	1	#0	QPSK	21.13	23.14
Band7	20	20850	1	#Mid	QPSK	20.46	22.47
Band7	20	20850	1	#Max	QPSK	20.01	22.02
Band7	20	20850	50	#0	QPSK	19.96	21.97
Band7	20	20850	50	#Mid	QPSK	19.55	21.56
Band7	20	20850	50	#Max	QPSK	19.38	21.39
Band7	20	20850	100	#0	QPSK	19.67	21.68
Band7	20	20850	1	#0	16QAM	20.47	22.48
Band7	20	20850	1	#Mid	16QAM	19.50	21.51
Band7	20	20850	1	#Max	16QAM	19.32	21.33
Band7	20	20850	50	#0	16QAM	18.92	20.93
Band7	20	20850	50	#Mid	16QAM	18.48	20.49
Band7	20	20850	50	#Max	16QAM	18.35	20.36

Band7	20	20850	100	#0	16QAM	18.63	20.64
Band7	20	20850	1	#0	64QAM	19.28	21.29
Band7	20	20850	1	#Mid	64QAM	18.54	20.55
Band7	20	20850	1	#Max	64QAM	18.16	20.17
Band7	20	20850	50	#0	64QAM	17.91	19.92
Band7	20	20850	50	#Mid	64QAM	17.48	19.49
Band7	20	20850	50	#Max	64QAM	17.30	19.31
Band7	20	20850	100	#0	64QAM	17.61	19.62
Band7	20	21100	1	#0	QPSK	20.72	22.73
Band7	20	21100	1	#Mid	QPSK	22.35	24.36
Band7	20	21100	1	#Max	QPSK	22.88	24.89
Band7	20	21100	50	#0	QPSK	20.81	22.82
Band7	20	21100	50	#Mid	QPSK	21.41	23.42
Band7	20	21100	50	#Max	QPSK	21.88	23.89
Band7	20	21100	100	#0	QPSK	21.33	23.34
Band7	20	21100	1	#0	16QAM	20.02	22.03
Band7	20	21100	1	#Mid	16QAM	21.52	23.53
Band7	20	21100	1	#Max	16QAM	22.08	24.09
Band7	20	21100	50	#0	16QAM	19.78	21.79
Band7	20	21100	50	#Mid	16QAM	20.37	22.38
Band7	20	21100	50	#Max	16QAM	20.80	22.81
Band7	20	21100	100	#0	16QAM	20.26	22.27
Band7	20	21100	1	#0	64QAM	18.94	20.95
Band7	20	21100	1	#Mid	64QAM	20.56	22.57
Band7	20	21100	1	#Max	64QAM	21.01	23.02
Band7	20	21100	50	#0	64QAM	18.78	20.79
Band7	20	21100	50	#Mid	64QAM	19.35	21.36
Band7	20	21100	50	#Max	64QAM	19.87	21.88
Band7	20	21100	100	#0	64QAM	19.29	21.30
Band7	20	21350	1	#0	QPSK	22.55	24.56
Band7	20	21350	1	#Mid	QPSK	21.60	23.61
Band7	20	21350	1	#Max	QPSK	20.27	22.28
Band7	20	21350	50	#0	QPSK	21.13	23.14
Band7	20	21350	50	#Mid	QPSK	20.66	22.67
Band7	20	21350	50	#Max	QPSK	19.89	21.90
Band7	20	21350	100	#0	QPSK	20.60	22.61
Band7	20	21350	1	#0	16QAM	21.84	23.85
Band7	20	21350	1	#Mid	16QAM	20.84	22.85
Band7	20	21350	1	#Max	16QAM	19.55	21.56
Band7	20	21350	50	#0	16QAM	20.14	22.15
Band7	20	21350	50	#Mid	16QAM	19.64	21.65
Band7	20	21350	50	#Max	16QAM	18.91	20.92
Band7	20	21350	100	#0	16QAM	19.59	21.60

Band7	20	21350	1	#0	64QAM	20.73	22.74
Band7	20	21350	1	#Mid	64QAM	19.79	21.80
Band7	20	21350	1	#Max	64QAM	18.46	20.47
Band7	20	21350	50	#0	64QAM	19.11	21.12
Band7	20	21350	50	#Mid	64QAM	18.62	20.63
Band7	20	21350	50	#Max	64QAM	17.89	19.90
Band7	20	21350	100	#0	64QAM	18.55	20.56

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
Band12	1.4	23017	1	#0	QPSK	21.96	14.01
Band12	1.4	23017	1	#Mid	QPSK	22.00	14.05
Band12	1.4	23017	1	#Max	QPSK	21.88	13.93
Band12	1.4	23017	3	#0	QPSK	22.01	14.06
Band12	1.4	23017	3	#Mid	QPSK	22.01	14.06
Band12	1.4	23017	3	#Max	QPSK	21.99	14.04
Band12	1.4	23017	6	#0	QPSK	21.01	13.06
Band12	1.4	23017	1	#0	16QAM	21.18	13.23
Band12	1.4	23017	1	#Mid	16QAM	21.27	13.32
Band12	1.4	23017	1	#Max	16QAM	21.09	13.14
Band12	1.4	23017	3	#0	16QAM	20.97	13.02
Band12	1.4	23017	3	#Mid	16QAM	20.98	13.03
Band12	1.4	23017	3	#Max	16QAM	20.95	13.00
Band12	1.4	23017	6	#0	16QAM	20.12	12.17
Band12	1.4	23017	1	#0	64QAM	20.11	12.16
Band12	1.4	23017	1	#Mid	64QAM	20.21	12.26
Band12	1.4	23017	1	#Max	64QAM	20.05	12.10
Band12	1.4	23017	3	#0	64QAM	20.09	12.14
Band12	1.4	23017	3	#Mid	64QAM	20.09	12.14
Band12	1.4	23017	3	#Max	64QAM	20.05	12.10
Band12	1.4	23017	6	#0	64QAM	19.07	11.12
Band12	1.4	23095	1	#0	QPSK	21.46	13.51
Band12	1.4	23095	1	#Mid	QPSK	21.49	13.54
Band12	1.4	23095	1	#Max	QPSK	21.35	13.40
Band12	1.4	23095	3	#0	QPSK	21.46	13.51
Band12	1.4	23095	3	#Mid	QPSK	21.46	13.51
Band12	1.4	23095	3	#Max	QPSK	21.42	13.47
Band12	1.4	23095	6	#0	QPSK	20.45	12.50
Band12	1.4	23095	1	#0	16QAM	20.77	12.82
Band12	1.4	23095	1	#Mid	16QAM	20.87	12.92
Band12	1.4	23095	1	#Max	16QAM	20.76	12.81
Band12	1.4	23095	3	#0	16QAM	20.55	12.60
Band12	1.4	23095	3	#Mid	16QAM	20.46	12.51

Band12	1.4	23095	3	#Max	16QAM	20.47	12.52
Band12	1.4	23095	6	#0	16QAM	19.57	11.62
Band12	1.4	23095	1	#0	64QAM	19.64	11.69
Band12	1.4	23095	1	#Mid	64QAM	19.75	11.80
Band12	1.4	23095	1	#Max	64QAM	19.60	11.65
Band12	1.4	23095	3	#0	64QAM	19.64	11.69
Band12	1.4	23095	3	#Mid	64QAM	19.61	11.66
Band12	1.4	23095	3	#Max	64QAM	19.50	11.55
Band12	1.4	23095	6	#0	64QAM	18.51	10.56
Band12	1.4	23173	1	#0	QPSK	21.29	13.34
Band12	1.4	23173	1	#Mid	QPSK	21.40	13.45
Band12	1.4	23173	1	#Max	QPSK	21.28	13.33
Band12	1.4	23173	3	#0	QPSK	21.33	13.38
Band12	1.4	23173	3	#Mid	QPSK	21.38	13.43
Band12	1.4	23173	3	#Max	QPSK	21.37	13.42
Band12	1.4	23173	6	#0	QPSK	20.35	12.40
Band12	1.4	23173	1	#0	16QAM	20.60	12.65
Band12	1.4	23173	1	#Mid	16QAM	20.75	12.80
Band12	1.4	23173	1	#Max	16QAM	20.63	12.68
Band12	1.4	23173	3	#0	16QAM	20.35	12.40
Band12	1.4	23173	3	#Mid	16QAM	20.45	12.50
Band12	1.4	23173	3	#Max	16QAM	20.39	12.44
Band12	1.4	23173	6	#0	16QAM	19.50	11.55
Band12	1.4	23173	1	#0	64QAM	19.54	11.59
Band12	1.4	23173	1	#Mid	64QAM	19.57	11.62
Band12	1.4	23173	1	#Max	64QAM	19.55	11.60
Band12	1.4	23173	3	#0	64QAM	19.50	11.55
Band12	1.4	23173	3	#Mid	64QAM	19.52	11.57
Band12	1.4	23173	3	#Max	64QAM	19.50	11.55
Band12	1.4	23173	6	#0	64QAM	18.39	10.44
Band12	3	23025	1	#0	QPSK	22.01	14.06
Band12	3	23025	1	#Mid	QPSK	21.89	13.94
Band12	3	23025	1	#Max	QPSK	21.71	13.76
Band12	3	23025	8	#0	QPSK	20.93	12.98
Band12	3	23025	8	#Mid	QPSK	20.93	12.98
Band12	3	23025	8	#Max	QPSK	20.90	12.95
Band12	3	23025	15	#0	QPSK	20.91	12.96
Band12	3	23025	1	#0	16QAM	21.24	13.29
Band12	3	23025	1	#Mid	16QAM	21.11	13.16
Band12	3	23025	1	#Max	16QAM	20.97	13.02
Band12	3	23025	8	#0	16QAM	20.05	12.10
Band12	3	23025	8	#Mid	16QAM	20.05	12.10
Band12	3	23025	8	#Max	16QAM	20.01	12.06

Band12	3	23025	15	#0	16QAM	19.95	12.00
Band12	3	23025	1	#0	64QAM	20.26	12.31
Band12	3	23025	1	#Mid	64QAM	20.10	12.15
Band12	3	23025	1	#Max	64QAM	20.00	12.05
Band12	3	23025	8	#0	64QAM	19.04	11.09
Band12	3	23025	8	#Mid	64QAM	19.05	11.10
Band12	3	23025	8	#Max	64QAM	19.01	11.06
Band12	3	23025	15	#0	64QAM	19.01	11.06
Band12	3	23095	1	#0	QPSK	21.53	13.58
Band12	3	23095	1	#Mid	QPSK	21.42	13.47
Band12	3	23095	1	#Max	QPSK	21.35	13.40
Band12	3	23095	8	#0	QPSK	20.52	12.57
Band12	3	23095	8	#Mid	QPSK	20.45	12.50
Band12	3	23095	8	#Max	QPSK	20.38	12.43
Band12	3	23095	15	#0	QPSK	20.44	12.49
Band12	3	23095	1	#0	16QAM	20.92	12.97
Band12	3	23095	1	#Mid	16QAM	20.69	12.74
Band12	3	23095	1	#Max	16QAM	20.65	12.70
Band12	3	23095	8	#0	16QAM	19.63	11.68
Band12	3	23095	8	#Mid	16QAM	19.55	11.60
Band12	3	23095	8	#Max	16QAM	19.47	11.52
Band12	3	23095	15	#0	16QAM	19.50	11.55
Band12	3	23095	1	#0	64QAM	19.78	11.83
Band12	3	23095	1	#Mid	64QAM	19.64	11.69
Band12	3	23095	1	#Max	64QAM	19.61	11.66
Band12	3	23095	8	#0	64QAM	18.64	10.69
Band12	3	23095	8	#Mid	64QAM	18.59	10.64
Band12	3	23095	8	#Max	64QAM	18.52	10.57
Band12	3	23095	15	#0	64QAM	18.55	10.60
Band12	3	23165	1	#0	QPSK	21.29	13.34
Band12	3	23165	1	#Mid	QPSK	21.33	13.38
Band12	3	23165	1	#Max	QPSK	21.36	13.41
Band12	3	23165	8	#0	QPSK	20.37	12.42
Band12	3	23165	8	#Mid	QPSK	20.38	12.43
Band12	3	23165	8	#Max	QPSK	20.28	12.33
Band12	3	23165	15	#0	QPSK	20.34	12.39
Band12	3	23165	1	#0	16QAM	20.56	12.61
Band12	3	23165	1	#Mid	16QAM	20.71	12.76
Band12	3	23165	1	#Max	16QAM	20.77	12.82
Band12	3	23165	8	#0	16QAM	19.47	11.52
Band12	3	23165	8	#Mid	16QAM	19.47	11.52
Band12	3	23165	8	#Max	16QAM	19.37	11.42
Band12	3	23165	15	#0	16QAM	19.38	11.43

Band12	3	23165	1	#0	64QAM	19.51	11.56
Band12	3	23165	1	#Mid	64QAM	19.52	11.57
Band12	3	23165	1	#Max	64QAM	19.55	11.60
Band12	3	23165	8	#0	64QAM	18.48	10.53
Band12	3	23165	8	#Mid	64QAM	18.48	10.53
Band12	3	23165	8	#Max	64QAM	18.37	10.42
Band12	3	23165	15	#0	64QAM	18.37	10.42
Band12	5	23035	1	#0	QPSK	21.92	13.97
Band12	5	23035	1	#Mid	QPSK	21.78	13.83
Band12	5	23035	1	#Max	QPSK	21.57	13.62
Band12	5	23035	12	#0	QPSK	20.67	12.72
Band12	5	23035	12	#Mid	QPSK	20.86	12.91
Band12	5	23035	12	#Max	QPSK	20.84	12.89
Band12	5	23035	25	#0	QPSK	20.77	12.82
Band12	5	23035	1	#0	16QAM	21.14	13.19
Band12	5	23035	1	#Mid	16QAM	21.08	13.13
Band12	5	23035	1	#Max	16QAM	20.93	12.98
Band12	5	23035	12	#0	16QAM	19.66	11.71
Band12	5	23035	12	#Mid	16QAM	19.88	11.93
Band12	5	23035	12	#Max	16QAM	19.82	11.87
Band12	5	23035	25	#0	16QAM	19.82	11.87
Band12	5	23035	1	#0	64QAM	20.14	12.19
Band12	5	23035	1	#Mid	64QAM	19.95	12.00
Band12	5	23035	1	#Max	64QAM	19.71	11.76
Band12	5	23035	12	#0	64QAM	18.75	10.80
Band12	5	23035	12	#Mid	64QAM	18.94	10.99
Band12	5	23035	12	#Max	64QAM	18.92	10.97
Band12	5	23035	25	#0	64QAM	18.85	10.90
Band12	5	23095	1	#0	QPSK	21.47	13.52
Band12	5	23095	1	#Mid	QPSK	21.42	13.47
Band12	5	23095	1	#Max	QPSK	21.27	13.32
Band12	5	23095	12	#0	QPSK	20.77	12.82
Band12	5	23095	12	#Mid	QPSK	20.49	12.54
Band12	5	23095	12	#Max	QPSK	20.43	12.48
Band12	5	23095	25	#0	QPSK	20.59	12.64
Band12	5	23095	1	#0	16QAM	20.86	12.91
Band12	5	23095	1	#Mid	16QAM	20.69	12.74
Band12	5	23095	1	#Max	16QAM	20.55	12.60
Band12	5	23095	12	#0	16QAM	19.77	11.82
Band12	5	23095	12	#Mid	16QAM	19.50	11.55
Band12	5	23095	12	#Max	16QAM	19.41	11.46
Band12	5	23095	25	#0	16QAM	19.64	11.69
Band12	5	23095	1	#0	64QAM	19.68	11.73

Band12	5	23095	1	#Mid	64QAM	19.68	11.73
Band12	5	23095	1	#Max	64QAM	19.46	11.51
Band12	5	23095	12	#0	64QAM	18.86	10.91
Band12	5	23095	12	#Mid	64QAM	18.57	10.62
Band12	5	23095	12	#Max	64QAM	18.48	10.53
Band12	5	23095	25	#0	64QAM	18.66	10.71
Band12	5	23155	1	#0	QPSK	21.22	13.27
Band12	5	23155	1	#Mid	QPSK	21.27	13.32
Band12	5	23155	1	#Max	QPSK	21.25	13.30
Band12	5	23155	12	#0	QPSK	20.04	12.09
Band12	5	23155	12	#Mid	QPSK	20.36	12.41
Band12	5	23155	12	#Max	QPSK	20.05	12.10
Band12	5	23155	25	#0	QPSK	20.02	12.07
Band12	5	23155	1	#0	16QAM	20.53	12.58
Band12	5	23155	1	#Mid	16QAM	20.60	12.65
Band12	5	23155	1	#Max	16QAM	20.59	12.64
Band12	5	23155	12	#0	16QAM	19.07	11.12
Band12	5	23155	12	#Mid	16QAM	19.39	11.44
Band12	5	23155	12	#Max	16QAM	19.09	11.14
Band12	5	23155	25	#0	16QAM	19.07	11.12
Band12	5	23155	1	#0	64QAM	19.44	11.49
Band12	5	23155	1	#Mid	64QAM	19.50	11.55
Band12	5	23155	1	#Max	64QAM	19.46	11.51
Band12	5	23155	12	#0	64QAM	18.10	10.15
Band12	5	23155	12	#Mid	64QAM	18.43	10.48
Band12	5	23155	12	#Max	64QAM	18.11	10.16
Band12	5	23155	25	#0	64QAM	18.09	10.14
Band12	10	23060	1	#0	QPSK	21.99	14.04
Band12	10	23060	1	#Mid	QPSK	21.71	13.76
Band12	10	23060	1	#Max	QPSK	21.32	13.37
Band12	10	23060	25	#0	QPSK	20.42	12.47
Band12	10	23060	25	#Mid	QPSK	20.60	12.65
Band12	10	23060	25	#Max	QPSK	20.12	12.17
Band12	10	23060	50	#0	QPSK	20.30	12.35
Band12	10	23060	1	#0	16QAM	21.29	13.34
Band12	10	23060	1	#Mid	16QAM	21.09	13.14
Band12	10	23060	1	#Max	16QAM	20.63	12.68
Band12	10	23060	25	#0	16QAM	19.45	11.50
Band12	10	23060	25	#Mid	16QAM	19.61	11.66
Band12	10	23060	25	#Max	16QAM	19.18	11.23
Band12	10	23060	50	#0	16QAM	19.34	11.39
Band12	10	23060	1	#0	64QAM	20.21	12.26
Band12	10	23060	1	#Mid	64QAM	19.89	11.94

Band12	10	23060	1	#Max	64QAM	19.55	11.60
Band12	10	23060	25	#0	64QAM	18.47	10.52
Band12	10	23060	25	#Mid	64QAM	18.66	10.71
Band12	10	23060	25	#Max	64QAM	18.20	10.25
Band12	10	23060	50	#0	64QAM	18.37	10.42
Band12	10	23095	1	#0	QPSK	21.63	13.68
Band12	10	23095	1	#Mid	QPSK	21.52	13.57
Band12	10	23095	1	#Max	QPSK	21.23	13.28
Band12	10	23095	25	#0	QPSK	21.09	13.14
Band12	10	23095	25	#Mid	QPSK	20.51	12.56
Band12	10	23095	25	#Max	QPSK	20.70	12.75
Band12	10	23095	50	#0	QPSK	20.95	13.00
Band12	10	23095	1	#0	16QAM	20.90	12.95
Band12	10	23095	1	#Mid	16QAM	20.83	12.88
Band12	10	23095	1	#Max	16QAM	20.52	12.57
Band12	10	23095	25	#0	16QAM	20.13	12.18
Band12	10	23095	25	#Mid	16QAM	19.53	11.58
Band12	10	23095	25	#Max	16QAM	19.73	11.78
Band12	10	23095	50	#0	16QAM	19.96	12.01
Band12	10	23095	1	#0	64QAM	19.85	11.90
Band12	10	23095	1	#Mid	64QAM	19.75	11.80
Band12	10	23095	1	#Max	64QAM	19.43	11.48
Band12	10	23095	25	#0	64QAM	19.19	11.24
Band12	10	23095	25	#Mid	64QAM	18.55	10.60
Band12	10	23095	25	#Max	64QAM	18.73	10.78
Band12	10	23095	50	#0	64QAM	19.01	11.06
Band12	10	23130	1	#0	QPSK	21.50	13.55
Band12	10	23130	1	#Mid	QPSK	21.34	13.39
Band12	10	23130	1	#Max	QPSK	21.32	13.37
Band12	10	23130	25	#0	QPSK	20.35	12.40
Band12	10	23130	25	#Mid	QPSK	20.39	12.44
Band12	10	23130	25	#Max	QPSK	20.37	12.42
Band12	10	23130	50	#0	QPSK	20.36	12.41
Band12	10	23130	1	#0	16QAM	20.87	12.92
Band12	10	23130	1	#Mid	16QAM	20.59	12.64
Band12	10	23130	1	#Max	16QAM	20.71	12.76
Band12	10	23130	25	#0	16QAM	19.39	11.44
Band12	10	23130	25	#Mid	16QAM	19.44	11.49
Band12	10	23130	25	#Max	16QAM	19.42	11.47
Band12	10	23130	50	#0	16QAM	19.41	11.46
Band12	10	23130	1	#0	64QAM	19.71	11.76
Band12	10	23130	1	#Mid	64QAM	19.55	11.60
Band12	10	23130	1	#Max	64QAM	19.57	11.62

Band12	10	23130	25	#0	64QAM	18.43	10.48
Band12	10	23130	25	#Mid	64QAM	18.47	10.52
Band12	10	23130	25	#Max	64QAM	18.48	10.53
Band12	10	23130	50	#0	64QAM	18.48	10.53

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
Band17	5	23755	1	#0	QPSK	21.48	13.53
Band17	5	23755	1	#Mid	QPSK	21.46	13.51
Band17	5	23755	1	#Max	QPSK	21.24	13.29
Band17	5	23755	12	#0	QPSK	20.78	12.83
Band17	5	23755	12	#Mid	QPSK	20.47	12.52
Band17	5	23755	12	#Max	QPSK	20.28	12.33
Band17	5	23755	25	#0	QPSK	20.60	12.65
Band17	5	23755	1	#0	16QAM	20.82	12.87
Band17	5	23755	1	#Mid	16QAM	20.76	12.81
Band17	5	23755	1	#Max	16QAM	20.61	12.66
Band17	5	23755	12	#0	16QAM	19.82	11.87
Band17	5	23755	12	#Mid	16QAM	19.52	11.57
Band17	5	23755	12	#Max	16QAM	19.35	11.40
Band17	5	23755	25	#0	16QAM	19.63	11.68
Band17	5	23755	1	#0	64QAM	19.68	11.73
Band17	5	23755	1	#Mid	64QAM	19.72	11.77
Band17	5	23755	1	#Max	64QAM	19.50	11.55
Band17	5	23755	12	#0	64QAM	18.89	10.94
Band17	5	23755	12	#Mid	64QAM	18.59	10.64
Band17	5	23755	12	#Max	64QAM	18.39	10.44
Band17	5	23755	25	#0	64QAM	18.68	10.73
Band17	5	23790	1	#0	QPSK	21.32	13.37
Band17	5	23790	1	#Mid	QPSK	21.30	13.35
Band17	5	23790	1	#Max	QPSK	21.15	13.20
Band17	5	23790	12	#0	QPSK	20.32	12.37
Band17	5	23790	12	#Mid	QPSK	20.39	12.44
Band17	5	23790	12	#Max	QPSK	20.52	12.57
Band17	5	23790	25	#0	QPSK	20.48	12.53
Band17	5	23790	1	#0	16QAM	20.58	12.63
Band17	5	23790	1	#Mid	16QAM	20.55	12.60
Band17	5	23790	1	#Max	16QAM	20.46	12.51
Band17	5	23790	12	#0	16QAM	19.32	11.37
Band17	5	23790	12	#Mid	16QAM	19.42	11.47
Band17	5	23790	12	#Max	16QAM	19.57	11.62
Band17	5	23790	25	#0	16QAM	19.51	11.56
Band17	5	23790	1	#0	64QAM	19.53	11.58

Band17	5	23790	1	#Mid	64QAM	19.48	11.53
Band17	5	23790	1	#Max	64QAM	19.30	11.35
Band17	5	23790	12	#0	64QAM	18.41	10.46
Band17	5	23790	12	#Mid	64QAM	18.47	10.52
Band17	5	23790	12	#Max	64QAM	18.64	10.69
Band17	5	23790	25	#0	64QAM	18.53	10.58
Band17	5	23825	1	#0	QPSK	21.13	13.18
Band17	5	23825	1	#Mid	QPSK	21.26	13.31
Band17	5	23825	1	#Max	QPSK	21.23	13.28
Band17	5	23825	12	#0	QPSK	20.01	12.06
Band17	5	23825	12	#Mid	QPSK	20.28	12.33
Band17	5	23825	12	#Max	QPSK	20.00	12.05
Band17	5	23825	25	#0	QPSK	20.01	12.06
Band17	5	23825	1	#0	16QAM	20.51	12.56
Band17	5	23825	1	#Mid	16QAM	20.61	12.66
Band17	5	23825	1	#Max	16QAM	20.53	12.58
Band17	5	23825	12	#0	16QAM	19.01	11.06
Band17	5	23825	12	#Mid	16QAM	19.34	11.39
Band17	5	23825	12	#Max	16QAM	19.04	11.09
Band17	5	23825	25	#0	16QAM	19.04	11.09
Band17	5	23825	1	#0	64QAM	19.36	11.41
Band17	5	23825	1	#Mid	64QAM	19.48	11.53
Band17	5	23825	1	#Max	64QAM	19.48	11.53
Band17	5	23825	12	#0	64QAM	18.04	10.09
Band17	5	23825	12	#Mid	64QAM	18.39	10.44
Band17	5	23825	12	#Max	64QAM	18.09	10.14
Band17	5	23825	25	#0	64QAM	18.05	10.10
Band17	10	23780	1	#0	QPSK	21.56	13.61
Band17	10	23780	1	#Mid	QPSK	21.44	13.49
Band17	10	23780	1	#Max	QPSK	21.18	13.23
Band17	10	23780	25	#0	QPSK	20.88	12.93
Band17	10	23780	25	#Mid	QPSK	20.47	12.52
Band17	10	23780	25	#Max	QPSK	20.85	12.90
Band17	10	23780	50	#0	QPSK	20.88	12.93
Band17	10	23780	1	#0	16QAM	20.78	12.83
Band17	10	23780	1	#Mid	16QAM	20.74	12.79
Band17	10	23780	1	#Max	16QAM	20.39	12.44
Band17	10	23780	25	#0	16QAM	19.96	12.01
Band17	10	23780	25	#Mid	16QAM	19.50	11.55
Band17	10	23780	25	#Max	16QAM	19.91	11.96
Band17	10	23780	50	#0	16QAM	19.89	11.94
Band17	10	23780	1	#0	64QAM	19.73	11.78
Band17	10	23780	1	#Mid	64QAM	19.73	11.78

Band17	10	23780	1	#Max	64QAM	19.34	11.39
Band17	10	23780	25	#0	64QAM	18.98	11.03
Band17	10	23780	25	#Mid	64QAM	18.52	10.57
Band17	10	23780	25	#Max	64QAM	18.94	10.99
Band17	10	23780	50	#0	64QAM	18.96	11.01
Band17	10	23790	1	#0	QPSK	21.51	13.56
Band17	10	23790	1	#Mid	QPSK	21.43	13.48
Band17	10	23790	1	#Max	QPSK	21.27	13.32
Band17	10	23790	25	#0	QPSK	20.63	12.68
Band17	10	23790	25	#Mid	QPSK	20.46	12.51
Band17	10	23790	25	#Max	QPSK	20.70	12.75
Band17	10	23790	50	#0	QPSK	20.67	12.72
Band17	10	23790	1	#0	16QAM	20.92	12.97
Band17	10	23790	1	#Mid	16QAM	20.70	12.75
Band17	10	23790	1	#Max	16QAM	20.47	12.52
Band17	10	23790	25	#0	16QAM	19.69	11.74
Band17	10	23790	25	#Mid	16QAM	19.47	11.52
Band17	10	23790	25	#Max	16QAM	19.73	11.78
Band17	10	23790	50	#0	16QAM	19.72	11.77
Band17	10	23790	1	#0	64QAM	19.75	11.80
Band17	10	23790	1	#Mid	64QAM	19.68	11.73
Band17	10	23790	1	#Max	64QAM	19.48	11.53
Band17	10	23790	25	#0	64QAM	18.72	10.77
Band17	10	23790	25	#Mid	64QAM	18.51	10.56
Band17	10	23790	25	#Max	64QAM	18.82	10.87
Band17	10	23790	50	#0	64QAM	18.77	10.82
Band17	10	23800	1	#0	QPSK	21.47	13.52
Band17	10	23800	1	#Mid	QPSK	21.35	13.40
Band17	10	23800	1	#Max	QPSK	21.31	13.36
Band17	10	23800	25	#0	QPSK	20.35	12.40
Band17	10	23800	25	#Mid	QPSK	20.39	12.44
Band17	10	23800	25	#Max	QPSK	20.36	12.41
Band17	10	23800	50	#0	QPSK	20.35	12.40
Band17	10	23800	1	#0	16QAM	20.76	12.81
Band17	10	23800	1	#Mid	16QAM	20.72	12.77
Band17	10	23800	1	#Max	16QAM	20.65	12.70
Band17	10	23800	25	#0	16QAM	19.39	11.44
Band17	10	23800	25	#Mid	16QAM	19.44	11.49
Band17	10	23800	25	#Max	16QAM	19.44	11.49
Band17	10	23800	50	#0	16QAM	19.41	11.46
Band17	10	23800	1	#0	64QAM	19.67	11.72
Band17	10	23800	1	#Mid	64QAM	19.63	11.68
Band17	10	23800	1	#Max	64QAM	19.53	11.58

Band17	10	23800	25	#0	64QAM	18.43	10.48
Band17	10	23800	25	#Mid	64QAM	18.46	10.51
Band17	10	23800	25	#Max	64QAM	18.48	10.53
Band17	10	23800	50	#0	64QAM	18.45	10.50

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
Band25	1.4	26047	1	#0	QPSK	21.01	20.20
Band25	1.4	26047	1	#Mid	QPSK	21.03	20.22
Band25	1.4	26047	1	#Max	QPSK	20.90	20.09
Band25	1.4	26047	3	#0	QPSK	21.07	20.26
Band25	1.4	26047	3	#Mid	QPSK	21.07	20.26
Band25	1.4	26047	3	#Max	QPSK	21.01	20.20
Band25	1.4	26047	6	#0	QPSK	20.04	19.23
Band25	1.4	26047	1	#0	16QAM	20.29	19.48
Band25	1.4	26047	1	#Mid	16QAM	20.37	19.56
Band25	1.4	26047	1	#Max	16QAM	20.18	19.37
Band25	1.4	26047	3	#0	16QAM	20.00	19.19
Band25	1.4	26047	3	#Mid	16QAM	20.05	19.24
Band25	1.4	26047	3	#Max	16QAM	19.95	19.14
Band25	1.4	26047	6	#0	16QAM	19.18	18.37
Band25	1.4	26047	1	#0	64QAM	19.21	18.40
Band25	1.4	26047	1	#Mid	64QAM	19.25	18.44
Band25	1.4	26047	1	#Max	64QAM	19.14	18.33
Band25	1.4	26047	3	#0	64QAM	19.23	18.42
Band25	1.4	26047	3	#Mid	64QAM	19.14	18.33
Band25	1.4	26047	3	#Max	64QAM	19.17	18.36
Band25	1.4	26047	6	#0	64QAM	18.05	17.24
Band25	1.4	26365	1	#0	QPSK	22.27	21.46
Band25	1.4	26365	1	#Mid	QPSK	22.48	21.67
Band25	1.4	26365	1	#Max	QPSK	22.40	21.59
Band25	1.4	26365	3	#0	QPSK	22.39	21.58
Band25	1.4	26365	3	#Mid	QPSK	22.45	21.64
Band25	1.4	26365	3	#Max	QPSK	22.47	21.66
Band25	1.4	26365	6	#0	QPSK	21.41	20.60
Band25	1.4	26365	1	#0	16QAM	21.48	20.67
Band25	1.4	26365	1	#Mid	16QAM	21.71	20.90
Band25	1.4	26365	1	#Max	16QAM	21.62	20.81
Band25	1.4	26365	3	#0	16QAM	21.39	20.58
Band25	1.4	26365	3	#Mid	16QAM	21.44	20.63
Band25	1.4	26365	3	#Max	16QAM	21.42	20.61
Band25	1.4	26365	6	#0	16QAM	20.56	19.75
Band25	1.4	26365	1	#0	64QAM	20.54	19.73

Band25	1.4	26365	1	#Mid	64QAM	20.70	19.89
Band25	1.4	26365	1	#Max	64QAM	20.56	19.75
Band25	1.4	26365	3	#0	64QAM	20.50	19.69
Band25	1.4	26365	3	#Mid	64QAM	20.60	19.79
Band25	1.4	26365	3	#Max	64QAM	20.58	19.77
Band25	1.4	26365	6	#0	64QAM	19.45	18.64
Band25	1.4	26683	1	#0	QPSK	20.87	20.06
Band25	1.4	26683	1	#Mid	QPSK	20.91	20.10
Band25	1.4	26683	1	#Max	QPSK	20.75	19.94
Band25	1.4	26683	3	#0	QPSK	20.90	20.09
Band25	1.4	26683	3	#Mid	QPSK	20.92	20.11
Band25	1.4	26683	3	#Max	QPSK	20.90	20.09
Band25	1.4	26683	6	#0	QPSK	19.91	19.10
Band25	1.4	26683	1	#0	16QAM	20.16	19.35
Band25	1.4	26683	1	#Mid	16QAM	20.21	19.40
Band25	1.4	26683	1	#Max	16QAM	20.07	19.26
Band25	1.4	26683	3	#0	16QAM	19.94	19.13
Band25	1.4	26683	3	#Mid	16QAM	19.95	19.14
Band25	1.4	26683	3	#Max	16QAM	19.80	18.99
Band25	1.4	26683	6	#0	16QAM	19.03	18.22
Band25	1.4	26683	1	#0	64QAM	19.05	18.24
Band25	1.4	26683	1	#Mid	64QAM	19.19	18.38
Band25	1.4	26683	1	#Max	64QAM	19.01	18.20
Band25	1.4	26683	3	#0	64QAM	19.01	18.20
Band25	1.4	26683	3	#Mid	64QAM	19.04	18.23
Band25	1.4	26683	3	#Max	64QAM	18.97	18.16
Band25	1.4	26683	6	#0	64QAM	17.92	17.11
Band25	3	26055	1	#0	QPSK	21.05	20.24
Band25	3	26055	1	#Mid	QPSK	20.89	20.08
Band25	3	26055	1	#Max	QPSK	20.81	20.00
Band25	3	26055	8	#0	QPSK	19.98	19.17
Band25	3	26055	8	#Mid	QPSK	19.98	19.17
Band25	3	26055	8	#Max	QPSK	19.91	19.10
Band25	3	26055	15	#0	QPSK	19.95	19.14
Band25	3	26055	1	#0	16QAM	20.32	19.51
Band25	3	26055	1	#Mid	16QAM	20.07	19.26
Band25	3	26055	1	#Max	16QAM	20.12	19.31
Band25	3	26055	8	#0	16QAM	19.11	18.30
Band25	3	26055	8	#Mid	16QAM	19.05	18.24
Band25	3	26055	8	#Max	16QAM	19.02	18.21
Band25	3	26055	15	#0	16QAM	19.01	18.20
Band25	3	26055	1	#0	64QAM	19.30	18.49
Band25	3	26055	1	#Mid	64QAM	19.19	18.38

Band25	3	26055	1	#Max	64QAM	19.00	18.19
Band25	3	26055	8	#0	64QAM	18.07	17.26
Band25	3	26055	8	#Mid	64QAM	18.05	17.24
Band25	3	26055	8	#Max	64QAM	17.98	17.17
Band25	3	26055	15	#0	64QAM	17.98	17.17
Band25	3	26365	1	#0	QPSK	22.23	21.42
Band25	3	26365	1	#Mid	QPSK	22.45	21.64
Band25	3	26365	1	#Max	QPSK	22.58	21.77
Band25	3	26365	8	#0	QPSK	21.37	20.56
Band25	3	26365	8	#Mid	QPSK	21.46	20.65
Band25	3	26365	8	#Max	QPSK	21.47	20.66
Band25	3	26365	15	#0	QPSK	21.41	20.60
Band25	3	26365	1	#0	16QAM	21.58	20.77
Band25	3	26365	1	#Mid	16QAM	21.72	20.91
Band25	3	26365	1	#Max	16QAM	21.84	21.03
Band25	3	26365	8	#0	16QAM	20.47	19.66
Band25	3	26365	8	#Mid	16QAM	20.56	19.75
Band25	3	26365	8	#Max	16QAM	20.56	19.75
Band25	3	26365	15	#0	16QAM	20.46	19.65
Band25	3	26365	1	#0	64QAM	20.46	19.65
Band25	3	26365	1	#Mid	64QAM	20.65	19.84
Band25	3	26365	1	#Max	64QAM	20.78	19.97
Band25	3	26365	8	#0	64QAM	19.45	18.64
Band25	3	26365	8	#Mid	64QAM	19.55	18.74
Band25	3	26365	8	#Max	64QAM	19.54	18.73
Band25	3	26365	15	#0	64QAM	19.43	18.62
Band25	3	26675	1	#0	QPSK	20.93	20.12
Band25	3	26675	1	#Mid	QPSK	20.82	20.01
Band25	3	26675	1	#Max	QPSK	20.71	19.90
Band25	3	26675	8	#0	QPSK	19.98	19.17
Band25	3	26675	8	#Mid	QPSK	19.88	19.07
Band25	3	26675	8	#Max	QPSK	19.75	18.94
Band25	3	26675	15	#0	QPSK	19.87	19.06
Band25	3	26675	1	#0	16QAM	20.25	19.44
Band25	3	26675	1	#Mid	16QAM	20.11	19.30
Band25	3	26675	1	#Max	16QAM	20.02	19.21
Band25	3	26675	8	#0	16QAM	19.09	18.28
Band25	3	26675	8	#Mid	16QAM	19.00	18.19
Band25	3	26675	8	#Max	16QAM	18.86	18.05
Band25	3	26675	15	#0	16QAM	18.95	18.14
Band25	3	26675	1	#0	64QAM	19.11	18.30
Band25	3	26675	1	#Mid	64QAM	19.07	18.26
Band25	3	26675	1	#Max	64QAM	18.93	18.12

Band25	3	26675	8	#0	64QAM	18.05	17.24
Band25	3	26675	8	#Mid	64QAM	17.93	17.12
Band25	3	26675	8	#Max	64QAM	17.82	17.01
Band25	3	26675	15	#0	64QAM	17.92	17.11
Band25	5	26065	1	#0	QPSK	21.04	20.23
Band25	5	26065	1	#Mid	QPSK	20.97	20.16
Band25	5	26065	1	#Max	QPSK	20.62	19.81
Band25	5	26065	12	#0	QPSK	19.93	19.12
Band25	5	26065	12	#Mid	QPSK	19.98	19.17
Band25	5	26065	12	#Max	QPSK	19.85	19.04
Band25	5	26065	25	#0	QPSK	19.87	19.06
Band25	5	26065	1	#0	16QAM	20.37	19.56
Band25	5	26065	1	#Mid	16QAM	20.23	19.42
Band25	5	26065	1	#Max	16QAM	19.89	19.08
Band25	5	26065	12	#0	16QAM	18.98	18.17
Band25	5	26065	12	#Mid	16QAM	19.02	18.21
Band25	5	26065	12	#Max	16QAM	18.89	18.08
Band25	5	26065	25	#0	16QAM	18.93	18.12
Band25	5	26065	1	#0	64QAM	19.27	18.46
Band25	5	26065	1	#Mid	64QAM	19.19	18.38
Band25	5	26065	1	#Max	64QAM	18.82	18.01
Band25	5	26065	12	#0	64QAM	17.96	17.15
Band25	5	26065	12	#Mid	64QAM	18.03	17.22
Band25	5	26065	12	#Max	64QAM	17.88	17.07
Band25	5	26065	25	#0	64QAM	17.91	17.10
Band25	5	26365	1	#0	QPSK	22.00	21.19
Band25	5	26365	1	#Mid	QPSK	22.44	21.63
Band25	5	26365	1	#Max	QPSK	22.54	21.73
Band25	5	26365	12	#0	QPSK	21.39	20.58
Band25	5	26365	12	#Mid	QPSK	21.48	20.67
Band25	5	26365	12	#Max	QPSK	21.47	20.66
Band25	5	26365	25	#0	QPSK	21.41	20.60
Band25	5	26365	1	#0	16QAM	21.22	20.41
Band25	5	26365	1	#Mid	16QAM	21.61	20.80
Band25	5	26365	1	#Max	16QAM	21.88	21.07
Band25	5	26365	12	#0	16QAM	20.45	19.64
Band25	5	26365	12	#Mid	16QAM	20.52	19.71
Band25	5	26365	12	#Max	16QAM	20.51	19.70
Band25	5	26365	25	#0	16QAM	20.53	19.72
Band25	5	26365	1	#0	64QAM	20.25	19.44
Band25	5	26365	1	#Mid	64QAM	20.65	19.84
Band25	5	26365	1	#Max	64QAM	20.71	19.90
Band25	5	26365	12	#0	64QAM	19.45	18.64

Band25	5	26365	12	#Mid	64QAM	19.53	18.72
Band25	5	26365	12	#Max	64QAM	19.52	18.71
Band25	5	26365	25	#0	64QAM	19.48	18.67
Band25	5	26665	1	#0	QPSK	21.06	20.25
Band25	5	26665	1	#Mid	QPSK	20.97	20.16
Band25	5	26665	1	#Max	QPSK	20.59	19.78
Band25	5	26665	12	#0	QPSK	20.19	19.38
Band25	5	26665	12	#Mid	QPSK	20.01	19.20
Band25	5	26665	12	#Max	QPSK	19.64	18.83
Band25	5	26665	25	#0	QPSK	20.01	19.20
Band25	5	26665	1	#0	16QAM	20.41	19.60
Band25	5	26665	1	#Mid	16QAM	20.19	19.38
Band25	5	26665	1	#Max	16QAM	19.94	19.13
Band25	5	26665	12	#0	16QAM	19.23	18.42
Band25	5	26665	12	#Mid	16QAM	19.04	18.23
Band25	5	26665	12	#Max	16QAM	18.64	17.83
Band25	5	26665	25	#0	16QAM	19.05	18.24
Band25	5	26665	1	#0	64QAM	19.32	18.51
Band25	5	26665	1	#Mid	64QAM	19.19	18.38
Band25	5	26665	1	#Max	64QAM	18.85	18.04
Band25	5	26665	12	#0	64QAM	18.23	17.42
Band25	5	26665	12	#Mid	64QAM	18.05	17.24
Band25	5	26665	12	#Max	64QAM	17.68	16.87
Band25	5	26665	25	#0	64QAM	18.01	17.20
Band25	10	26090	1	#0	QPSK	21.15	20.34
Band25	10	26090	1	#Mid	QPSK	20.83	20.02
Band25	10	26090	1	#Max	QPSK	20.52	19.71
Band25	10	26090	25	#0	QPSK	19.86	19.05
Band25	10	26090	25	#Mid	QPSK	19.80	18.99
Band25	10	26090	25	#Max	QPSK	19.39	18.58
Band25	10	26090	50	#0	QPSK	19.66	18.85
Band25	10	26090	1	#0	16QAM	20.42	19.61
Band25	10	26090	1	#Mid	16QAM	20.10	19.29
Band25	10	26090	1	#Max	16QAM	19.72	18.91
Band25	10	26090	25	#0	16QAM	18.92	18.11
Band25	10	26090	25	#Mid	16QAM	18.86	18.05
Band25	10	26090	25	#Max	16QAM	18.45	17.64
Band25	10	26090	50	#0	16QAM	18.72	17.91
Band25	10	26090	1	#0	64QAM	19.32	18.51
Band25	10	26090	1	#Mid	64QAM	19.14	18.33
Band25	10	26090	1	#Max	64QAM	18.76	17.95
Band25	10	26090	25	#0	64QAM	17.89	17.08
Band25	10	26090	25	#Mid	64QAM	17.86	17.05

Band25	10	26090	25	#Max	64QAM	17.44	16.63
Band25	10	26090	50	#0	64QAM	17.71	16.90
Band25	10	26365	1	#0	QPSK	21.80	20.99
Band25	10	26365	1	#Mid	QPSK	22.55	21.74
Band25	10	26365	1	#Max	QPSK	22.89	22.08
Band25	10	26365	25	#0	QPSK	21.44	20.63
Band25	10	26365	25	#Mid	QPSK	21.46	20.65
Band25	10	26365	25	#Max	QPSK	21.55	20.74
Band25	10	26365	50	#0	QPSK	21.51	20.70
Band25	10	26365	1	#0	16QAM	21.13	20.32
Band25	10	26365	1	#Mid	16QAM	21.72	20.91
Band25	10	26365	1	#Max	16QAM	22.23	21.42
Band25	10	26365	25	#0	16QAM	20.50	19.69
Band25	10	26365	25	#Mid	16QAM	20.54	19.73
Band25	10	26365	25	#Max	16QAM	20.66	19.85
Band25	10	26365	50	#0	16QAM	20.58	19.77
Band25	10	26365	1	#0	64QAM	19.98	19.17
Band25	10	26365	1	#Mid	64QAM	20.78	19.97
Band25	10	26365	1	#Max	64QAM	21.14	20.33
Band25	10	26365	25	#0	64QAM	19.52	18.71
Band25	10	26365	25	#Mid	64QAM	19.51	18.70
Band25	10	26365	25	#Max	64QAM	19.64	18.83
Band25	10	26365	50	#0	64QAM	19.57	18.76
Band25	10	26640	1	#0	QPSK	21.89	21.08
Band25	10	26640	1	#Mid	QPSK	21.34	20.53
Band25	10	26640	1	#Max	QPSK	20.71	19.90
Band25	10	26640	25	#0	QPSK	20.28	19.47
Band25	10	26640	25	#Mid	QPSK	20.25	19.44
Band25	10	26640	25	#Max	QPSK	19.67	18.86
Band25	10	26640	50	#0	QPSK	19.96	19.15
Band25	10	26640	1	#0	16QAM	21.18	20.37
Band25	10	26640	1	#Mid	16QAM	20.57	19.76
Band25	10	26640	1	#Max	16QAM	19.93	19.12
Band25	10	26640	25	#0	16QAM	19.34	18.53
Band25	10	26640	25	#Mid	16QAM	19.32	18.51
Band25	10	26640	25	#Max	16QAM	18.78	17.97
Band25	10	26640	50	#0	16QAM	19.02	18.21
Band25	10	26640	1	#0	64QAM	20.12	19.31
Band25	10	26640	1	#Mid	64QAM	19.48	18.67
Band25	10	26640	1	#Max	64QAM	18.97	18.16
Band25	10	26640	25	#0	64QAM	18.28	17.47
Band25	10	26640	25	#Mid	64QAM	18.30	17.49
Band25	10	26640	25	#Max	64QAM	17.72	16.91

Band25	10	26640	50	#0	64QAM	17.98	17.17
Band25	15	26115	1	#0	QPSK	21.05	20.24
Band25	15	26115	1	#Mid	QPSK	20.66	19.85
Band25	15	26115	1	#Max	QPSK	20.50	19.69
Band25	15	26115	36	#0	QPSK	19.89	19.08
Band25	15	26115	36	#Mid	QPSK	19.72	18.91
Band25	15	26115	36	#Max	QPSK	19.47	18.66
Band25	15	26115	75	#0	QPSK	19.75	18.94
Band25	15	26115	1	#0	16QAM	20.21	19.40
Band25	15	26115	1	#Mid	16QAM	20.00	19.19
Band25	15	26115	1	#Max	16QAM	19.73	18.92
Band25	15	26115	36	#0	16QAM	18.94	18.13
Band25	15	26115	36	#Mid	16QAM	18.73	17.92
Band25	15	26115	36	#Max	16QAM	18.51	17.70
Band25	15	26115	75	#0	16QAM	18.77	17.96
Band25	15	26115	1	#0	64QAM	19.29	18.48
Band25	15	26115	1	#Mid	64QAM	18.79	17.98
Band25	15	26115	1	#Max	64QAM	18.67	17.86
Band25	15	26115	36	#0	64QAM	17.95	17.14
Band25	15	26115	36	#Mid	64QAM	17.76	16.95
Band25	15	26115	36	#Max	64QAM	17.45	16.64
Band25	15	26115	75	#0	64QAM	17.78	16.97
Band25	15	26365	1	#0	QPSK	21.48	20.67
Band25	15	26365	1	#Mid	QPSK	22.44	21.63
Band25	15	26365	1	#Max	QPSK	23.05	22.24
Band25	15	26365	36	#0	QPSK	21.19	20.38
Band25	15	26365	36	#Mid	QPSK	21.47	20.66
Band25	15	26365	36	#Max	QPSK	21.81	21.00
Band25	15	26365	75	#0	QPSK	21.42	20.61
Band25	15	26365	1	#0	16QAM	20.71	19.90
Band25	15	26365	1	#Mid	16QAM	21.83	21.02
Band25	15	26365	1	#Max	16QAM	22.22	21.41
Band25	15	26365	36	#0	16QAM	20.22	19.41
Band25	15	26365	36	#Mid	16QAM	20.48	19.67
Band25	15	26365	36	#Max	16QAM	20.84	20.03
Band25	15	26365	75	#0	16QAM	20.48	19.67
Band25	15	26365	1	#0	64QAM	19.64	18.83
Band25	15	26365	1	#Mid	64QAM	20.71	19.90
Band25	15	26365	1	#Max	64QAM	21.29	20.48
Band25	15	26365	36	#0	64QAM	19.19	18.38
Band25	15	26365	36	#Mid	64QAM	19.47	18.66
Band25	15	26365	36	#Max	64QAM	19.87	19.06
Band25	15	26365	75	#0	64QAM	19.46	18.65

Band25	15	26615	1	#0	QPSK	22.56	21.75
Band25	15	26615	1	#Mid	QPSK	21.63	20.82
Band25	15	26615	1	#Max	QPSK	20.74	19.93
Band25	15	26615	36	#0	QPSK	21.25	20.44
Band25	15	26615	36	#Mid	QPSK	20.65	19.84
Band25	15	26615	36	#Max	QPSK	20.12	19.31
Band25	15	26615	75	#0	QPSK	20.58	19.77
Band25	15	26615	1	#0	16QAM	21.82	21.01
Band25	15	26615	1	#Mid	16QAM	20.84	20.03
Band25	15	26615	1	#Max	16QAM	20.05	19.24
Band25	15	26615	36	#0	16QAM	20.25	19.44
Band25	15	26615	36	#Mid	16QAM	19.64	18.83
Band25	15	26615	36	#Max	16QAM	19.14	18.33
Band25	15	26615	75	#0	16QAM	19.64	18.83
Band25	15	26615	1	#0	64QAM	20.85	20.04
Band25	15	26615	1	#Mid	64QAM	19.80	18.99
Band25	15	26615	1	#Max	64QAM	18.93	18.12
Band25	15	26615	36	#0	64QAM	19.26	18.45
Band25	15	26615	36	#Mid	64QAM	18.67	17.86
Band25	15	26615	36	#Max	64QAM	18.13	17.32
Band25	15	26615	75	#0	64QAM	18.61	17.80
Band25	20	26140	1	#0	QPSK	20.87	20.06
Band25	20	26140	1	#Mid	QPSK	20.67	19.86
Band25	20	26140	1	#Max	QPSK	20.56	19.75
Band25	20	26140	50	#0	QPSK	20.12	19.31
Band25	20	26140	50	#Mid	QPSK	19.69	18.88
Band25	20	26140	50	#Max	QPSK	19.61	18.80
Band25	20	26140	100	#0	QPSK	19.92	19.11
Band25	20	26140	1	#0	16QAM	20.11	19.30
Band25	20	26140	1	#Mid	16QAM	19.92	19.11
Band25	20	26140	1	#Max	16QAM	19.78	18.97
Band25	20	26140	50	#0	16QAM	19.17	18.36
Band25	20	26140	50	#Mid	16QAM	18.77	17.96
Band25	20	26140	50	#Max	16QAM	18.66	17.85
Band25	20	26140	100	#0	16QAM	18.97	18.16
Band25	20	26140	1	#0	64QAM	19.10	18.29
Band25	20	26140	1	#Mid	64QAM	18.94	18.13
Band25	20	26140	1	#Max	64QAM	18.87	18.06
Band25	20	26140	50	#0	64QAM	18.17	17.36
Band25	20	26140	50	#Mid	64QAM	17.72	16.91
Band25	20	26140	50	#Max	64QAM	17.71	16.90
Band25	20	26140	100	#0	64QAM	17.94	17.13
Band25	20	26365	1	#0	QPSK	21.05	20.24

Band25	20	26365	1	#Mid	QPSK	22.52	21.71
Band25	20	26365	1	#Max	QPSK	22.97	22.16
Band25	20	26365	50	#0	QPSK	21.16	20.35
Band25	20	26365	50	#Mid	QPSK	21.41	20.60
Band25	20	26365	50	#Max	QPSK	21.96	21.15
Band25	20	26365	100	#0	QPSK	21.45	20.64
Band25	20	26365	1	#0	16QAM	20.30	19.49
Band25	20	26365	1	#Mid	16QAM	21.80	20.99
Band25	20	26365	1	#Max	16QAM	22.12	21.31
Band25	20	26365	50	#0	16QAM	20.23	19.42
Band25	20	26365	50	#Mid	16QAM	20.48	19.67
Band25	20	26365	50	#Max	16QAM	21.01	20.20
Band25	20	26365	100	#0	16QAM	20.48	19.67
Band25	20	26365	1	#0	64QAM	19.30	18.49
Band25	20	26365	1	#Mid	64QAM	20.71	19.90
Band25	20	26365	1	#Max	64QAM	21.13	20.32
Band25	20	26365	50	#0	64QAM	19.20	18.39
Band25	20	26365	50	#Mid	64QAM	19.47	18.66
Band25	20	26365	50	#Max	64QAM	20.00	19.19
Band25	20	26365	100	#0	64QAM	19.47	18.66
Band25	20	26590	1	#0	QPSK	22.87	22.06
Band25	20	26590	1	#Mid	QPSK	22.09	21.28
Band25	20	26590	1	#Max	QPSK	20.56	19.75
Band25	20	26590	50	#0	QPSK	22.29	21.48
Band25	20	26590	50	#Mid	QPSK	21.12	20.31
Band25	20	26590	50	#Max	QPSK	20.54	19.73
Band25	20	26590	100	#0	QPSK	21.43	20.62
Band25	20	26590	1	#0	16QAM	22.17	21.36
Band25	20	26590	1	#Mid	16QAM	21.40	20.59
Band25	20	26590	1	#Max	16QAM	19.87	19.06
Band25	20	26590	50	#0	16QAM	21.36	20.55
Band25	20	26590	50	#Mid	16QAM	20.18	19.37
Band25	20	26590	50	#Max	16QAM	19.57	18.76
Band25	20	26590	100	#0	16QAM	20.47	19.66
Band25	20	26590	1	#0	64QAM	21.16	20.35
Band25	20	26590	1	#Mid	64QAM	20.28	19.47
Band25	20	26590	1	#Max	64QAM	18.78	17.97
Band25	20	26590	50	#0	64QAM	20.39	19.58
Band25	20	26590	50	#Mid	64QAM	19.17	18.36
Band25	20	26590	50	#Max	64QAM	18.57	17.76
Band25	20	26590	100	#0	64QAM	19.46	18.65

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
Band26(824-849)	1.4	26797	1	#0	QPSK	22.67	16.66
Band26(824-849)	1.4	26797	1	#Mid	QPSK	22.78	16.77
Band26(824-849)	1.4	26797	1	#Max	QPSK	22.64	16.63
Band26(824-849)	1.4	26797	3	#0	QPSK	22.75	16.74
Band26(824-849)	1.4	26797	3	#Mid	QPSK	22.77	16.76
Band26(824-849)	1.4	26797	3	#Max	QPSK	22.75	16.74
Band26(824-849)	1.4	26797	6	#0	QPSK	21.76	15.75
Band26(824-849)	1.4	26797	1	#0	16QAM	21.92	15.91
Band26(824-849)	1.4	26797	1	#Mid	16QAM	21.98	15.97
Band26(824-849)	1.4	26797	1	#Max	16QAM	21.85	15.84
Band26(824-849)	1.4	26797	3	#0	16QAM	21.74	15.73
Band26(824-849)	1.4	26797	3	#Mid	16QAM	21.76	15.75
Band26(824-849)	1.4	26797	3	#Max	16QAM	21.75	15.74
Band26(824-849)	1.4	26797	6	#0	16QAM	20.92	14.91
Band26(824-849)	1.4	26797	1	#0	64QAM	20.89	14.88
Band26(824-849)	1.4	26797	1	#Mid	64QAM	21.02	15.01
Band26(824-849)	1.4	26797	1	#Max	64QAM	20.92	14.91
Band26(824-849)	1.4	26797	3	#0	64QAM	20.89	14.88
Band26(824-849)	1.4	26797	3	#Mid	64QAM	20.94	14.93
Band26(824-849)	1.4	26797	3	#Max	64QAM	20.89	14.88
Band26(824-849)	1.4	26797	6	#0	64QAM	19.80	13.79
Band26(824-849)	1.4	26915	1	#0	QPSK	22.60	16.59
Band26(824-849)	1.4	26915	1	#Mid	QPSK	22.69	16.68
Band26(824-849)	1.4	26915	1	#Max	QPSK	22.57	16.56
Band26(824-849)	1.4	26915	3	#0	QPSK	22.66	16.65
Band26(824-849)	1.4	26915	3	#Mid	QPSK	22.66	16.65
Band26(824-849)	1.4	26915	3	#Max	QPSK	22.65	16.64
Band26(824-849)	1.4	26915	6	#0	QPSK	21.66	15.65
Band26(824-849)	1.4	26915	1	#0	16QAM	21.82	15.81
Band26(824-849)	1.4	26915	1	#Mid	16QAM	21.96	15.95
Band26(824-849)	1.4	26915	1	#Max	16QAM	21.79	15.78
Band26(824-849)	1.4	26915	3	#0	16QAM	21.59	15.58
Band26(824-849)	1.4	26915	3	#Mid	16QAM	21.69	15.68
Band26(824-849)	1.4	26915	3	#Max	16QAM	21.62	15.61
Band26(824-849)	1.4	26915	6	#0	16QAM	20.85	14.84
Band26(824-849)	1.4	26915	1	#0	64QAM	20.77	14.76
Band26(824-849)	1.4	26915	1	#Mid	64QAM	20.91	14.90
Band26(824-849)	1.4	26915	1	#Max	64QAM	20.89	14.88
Band26(824-849)	1.4	26915	3	#0	64QAM	20.80	14.79
Band26(824-849)	1.4	26915	3	#Mid	64QAM	20.83	14.82
Band26(824-849)	1.4	26915	3	#Max	64QAM	20.82	14.81

Band26(824-849)	1.4	26915	6	#0	64QAM	19.73	13.72
Band26(824-849)	1.4	27033	1	#0	QPSK	22.61	16.60
Band26(824-849)	1.4	27033	1	#Mid	QPSK	22.75	16.74
Band26(824-849)	1.4	27033	1	#Max	QPSK	22.61	16.60
Band26(824-849)	1.4	27033	3	#0	QPSK	22.71	16.70
Band26(824-849)	1.4	27033	3	#Mid	QPSK	22.73	16.72
Band26(824-849)	1.4	27033	3	#Max	QPSK	22.70	16.69
Band26(824-849)	1.4	27033	6	#0	QPSK	21.71	15.70
Band26(824-849)	1.4	27033	1	#0	16QAM	21.80	15.79
Band26(824-849)	1.4	27033	1	#Mid	16QAM	22.01	16.00
Band26(824-849)	1.4	27033	1	#Max	16QAM	21.92	15.91
Band26(824-849)	1.4	27033	3	#0	16QAM	21.74	15.73
Band26(824-849)	1.4	27033	3	#Mid	16QAM	21.67	15.66
Band26(824-849)	1.4	27033	3	#Max	16QAM	21.69	15.68
Band26(824-849)	1.4	27033	6	#0	16QAM	20.86	14.85
Band26(824-849)	1.4	27033	1	#0	64QAM	20.91	14.90
Band26(824-849)	1.4	27033	1	#Mid	64QAM	20.96	14.95
Band26(824-849)	1.4	27033	1	#Max	64QAM	20.86	14.85
Band26(824-849)	1.4	27033	3	#0	64QAM	20.85	14.84
Band26(824-849)	1.4	27033	3	#Mid	64QAM	20.92	14.91
Band26(824-849)	1.4	27033	3	#Max	64QAM	20.85	14.84
Band26(824-849)	1.4	27033	6	#0	64QAM	19.73	13.72
Band26(824-849)	3	26805	1	#0	QPSK	22.66	16.65
Band26(824-849)	3	26805	1	#Mid	QPSK	22.73	16.72
Band26(824-849)	3	26805	1	#Max	QPSK	22.71	16.70
Band26(824-849)	3	26805	8	#0	QPSK	21.72	15.71
Band26(824-849)	3	26805	8	#Mid	QPSK	21.73	15.72
Band26(824-849)	3	26805	8	#Max	QPSK	21.71	15.70
Band26(824-849)	3	26805	15	#0	QPSK	21.71	15.70
Band26(824-849)	3	26805	1	#0	16QAM	21.96	15.95
Band26(824-849)	3	26805	1	#Mid	16QAM	21.94	15.93
Band26(824-849)	3	26805	1	#Max	16QAM	21.95	15.94
Band26(824-849)	3	26805	8	#0	16QAM	20.84	14.83
Band26(824-849)	3	26805	8	#Mid	16QAM	20.87	14.86
Band26(824-849)	3	26805	8	#Max	16QAM	20.85	14.84
Band26(824-849)	3	26805	15	#0	16QAM	20.80	14.79
Band26(824-849)	3	26805	1	#0	64QAM	20.87	14.86
Band26(824-849)	3	26805	1	#Mid	64QAM	21.00	14.99
Band26(824-849)	3	26805	1	#Max	64QAM	20.98	14.97
Band26(824-849)	3	26805	8	#0	64QAM	19.86	13.85
Band26(824-849)	3	26805	8	#Mid	64QAM	19.87	13.86
Band26(824-849)	3	26805	8	#Max	64QAM	19.85	13.84
Band26(824-849)	3	26805	15	#0	64QAM	19.77	13.76

Band26(824-849)	3	26915	1	#0	QPSK	22.62	16.61
Band26(824-849)	3	26915	1	#Mid	QPSK	22.60	16.59
Band26(824-849)	3	26915	1	#Max	QPSK	22.59	16.58
Band26(824-849)	3	26915	8	#0	QPSK	21.62	15.61
Band26(824-849)	3	26915	8	#Mid	QPSK	21.65	15.64
Band26(824-849)	3	26915	8	#Max	QPSK	21.64	15.63
Band26(824-849)	3	26915	15	#0	QPSK	21.65	15.64
Band26(824-849)	3	26915	1	#0	16QAM	21.92	15.91
Band26(824-849)	3	26915	1	#Mid	16QAM	21.86	15.85
Band26(824-849)	3	26915	1	#Max	16QAM	21.86	15.85
Band26(824-849)	3	26915	8	#0	16QAM	20.74	14.73
Band26(824-849)	3	26915	8	#Mid	16QAM	20.82	14.81
Band26(824-849)	3	26915	8	#Max	16QAM	20.80	14.79
Band26(824-849)	3	26915	15	#0	16QAM	20.75	14.74
Band26(824-849)	3	26915	1	#0	64QAM	20.88	14.87
Band26(824-849)	3	26915	1	#Mid	64QAM	20.81	14.80
Band26(824-849)	3	26915	1	#Max	64QAM	20.87	14.86
Band26(824-849)	3	26915	8	#0	64QAM	19.73	13.72
Band26(824-849)	3	26915	8	#Mid	64QAM	19.76	13.75
Band26(824-849)	3	26915	8	#Max	64QAM	19.75	13.74
Band26(824-849)	3	26915	15	#0	64QAM	19.73	13.72
Band26(824-849)	3	27025	1	#0	QPSK	22.62	16.61
Band26(824-849)	3	27025	1	#Mid	QPSK	22.64	16.63
Band26(824-849)	3	27025	1	#Max	QPSK	22.66	16.65
Band26(824-849)	3	27025	8	#0	QPSK	21.69	15.68
Band26(824-849)	3	27025	8	#Mid	QPSK	21.71	15.70
Band26(824-849)	3	27025	8	#Max	QPSK	21.64	15.63
Band26(824-849)	3	27025	15	#0	QPSK	21.68	15.67
Band26(824-849)	3	27025	1	#0	16QAM	21.84	15.83
Band26(824-849)	3	27025	1	#Mid	16QAM	21.92	15.91
Band26(824-849)	3	27025	1	#Max	16QAM	21.88	15.87
Band26(824-849)	3	27025	8	#0	16QAM	20.81	14.80
Band26(824-849)	3	27025	8	#Mid	16QAM	20.83	14.82
Band26(824-849)	3	27025	8	#Max	16QAM	20.78	14.77
Band26(824-849)	3	27025	15	#0	16QAM	20.78	14.77
Band26(824-849)	3	27025	1	#0	64QAM	20.83	14.82
Band26(824-849)	3	27025	1	#Mid	64QAM	20.85	14.84
Band26(824-849)	3	27025	1	#Max	64QAM	20.93	14.92
Band26(824-849)	3	27025	8	#0	64QAM	19.82	13.81
Band26(824-849)	3	27025	8	#Mid	64QAM	19.80	13.79
Band26(824-849)	3	27025	8	#Max	64QAM	19.78	13.77
Band26(824-849)	3	27025	15	#0	64QAM	19.75	13.74
Band26(824-849)	5	26815	1	#0	QPSK	22.59	16.58

Band26(824-849)	5	26815	1	#Mid	QPSK	22.68	16.67
Band26(824-849)	5	26815	1	#Max	QPSK	22.56	16.55
Band26(824-849)	5	26815	12	#0	QPSK	21.75	15.74
Band26(824-849)	5	26815	12	#Mid	QPSK	21.75	15.74
Band26(824-849)	5	26815	12	#Max	QPSK	21.69	15.68
Band26(824-849)	5	26815	25	#0	QPSK	21.72	15.71
Band26(824-849)	5	26815	1	#0	16QAM	21.82	15.81
Band26(824-849)	5	26815	1	#Mid	16QAM	21.99	15.98
Band26(824-849)	5	26815	1	#Max	16QAM	21.90	15.89
Band26(824-849)	5	26815	12	#0	16QAM	20.82	14.81
Band26(824-849)	5	26815	12	#Mid	16QAM	20.83	14.82
Band26(824-849)	5	26815	12	#Max	16QAM	20.75	14.74
Band26(824-849)	5	26815	25	#0	16QAM	20.79	14.78
Band26(824-849)	5	26815	1	#0	64QAM	20.90	14.89
Band26(824-849)	5	26815	1	#Mid	64QAM	21.00	14.99
Band26(824-849)	5	26815	1	#Max	64QAM	20.85	14.84
Band26(824-849)	5	26815	12	#0	64QAM	19.82	13.81
Band26(824-849)	5	26815	12	#Mid	64QAM	19.88	13.87
Band26(824-849)	5	26815	12	#Max	64QAM	19.80	13.79
Band26(824-849)	5	26815	25	#0	64QAM	19.80	13.79
Band26(824-849)	5	26915	1	#0	QPSK	22.52	16.51
Band26(824-849)	5	26915	1	#Mid	QPSK	22.59	16.58
Band26(824-849)	5	26915	1	#Max	QPSK	22.51	16.50
Band26(824-849)	5	26915	12	#0	QPSK	21.60	15.59
Band26(824-849)	5	26915	12	#Mid	QPSK	21.70	15.69
Band26(824-849)	5	26915	12	#Max	QPSK	21.64	15.63
Band26(824-849)	5	26915	25	#0	QPSK	21.66	15.65
Band26(824-849)	5	26915	1	#0	16QAM	21.82	15.81
Band26(824-849)	5	26915	1	#Mid	16QAM	21.85	15.84
Band26(824-849)	5	26915	1	#Max	16QAM	21.68	15.67
Band26(824-849)	5	26915	12	#0	16QAM	20.64	14.63
Band26(824-849)	5	26915	12	#Mid	16QAM	20.79	14.78
Band26(824-849)	5	26915	12	#Max	16QAM	20.69	14.68
Band26(824-849)	5	26915	25	#0	16QAM	20.73	14.72
Band26(824-849)	5	26915	1	#0	64QAM	20.75	14.74
Band26(824-849)	5	26915	1	#Mid	64QAM	20.83	14.82
Band26(824-849)	5	26915	1	#Max	64QAM	20.76	14.75
Band26(824-849)	5	26915	12	#0	64QAM	19.69	13.68
Band26(824-849)	5	26915	12	#Mid	64QAM	19.80	13.79
Band26(824-849)	5	26915	12	#Max	64QAM	19.73	13.72
Band26(824-849)	5	26915	25	#0	64QAM	19.73	13.72
Band26(824-849)	5	27015	1	#0	QPSK	22.51	16.50
Band26(824-849)	5	27015	1	#Mid	QPSK	22.65	16.64

Band26(824-849)	5	27015	1	#Max	QPSK	22.53	16.52
Band26(824-849)	5	27015	12	#0	QPSK	21.71	15.70
Band26(824-849)	5	27015	12	#Mid	QPSK	21.72	15.71
Band26(824-849)	5	27015	12	#Max	QPSK	21.56	15.55
Band26(824-849)	5	27015	25	#0	QPSK	21.66	15.65
Band26(824-849)	5	27015	1	#0	16QAM	21.80	15.79
Band26(824-849)	5	27015	1	#Mid	16QAM	21.85	15.84
Band26(824-849)	5	27015	1	#Max	16QAM	21.79	15.78
Band26(824-849)	5	27015	12	#0	16QAM	20.78	14.77
Band26(824-849)	5	27015	12	#Mid	16QAM	20.80	14.79
Band26(824-849)	5	27015	12	#Max	16QAM	20.61	14.60
Band26(824-849)	5	27015	25	#0	16QAM	20.75	14.74
Band26(824-849)	5	27015	1	#0	64QAM	20.79	14.78
Band26(824-849)	5	27015	1	#Mid	64QAM	20.86	14.85
Band26(824-849)	5	27015	1	#Max	64QAM	20.74	14.73
Band26(824-849)	5	27015	12	#0	64QAM	19.80	13.79
Band26(824-849)	5	27015	12	#Mid	64QAM	19.82	13.81
Band26(824-849)	5	27015	12	#Max	64QAM	19.67	13.66
Band26(824-849)	5	27015	25	#0	64QAM	19.77	13.76
Band26(824-849)	10	26840	1	#0	QPSK	22.65	16.64
Band26(824-849)	10	26840	1	#Mid	QPSK	22.78	16.77
Band26(824-849)	10	26840	1	#Max	QPSK	22.59	16.58
Band26(824-849)	10	26840	25	#0	QPSK	21.78	15.77
Band26(824-849)	10	26840	25	#Mid	QPSK	21.73	15.72
Band26(824-849)	10	26840	25	#Max	QPSK	21.76	15.75
Band26(824-849)	10	26840	50	#0	QPSK	21.77	15.76
Band26(824-849)	10	26840	1	#0	16QAM	21.94	15.93
Band26(824-849)	10	26840	1	#Mid	16QAM	22.10	16.09
Band26(824-849)	10	26840	1	#Max	16QAM	21.93	15.92
Band26(824-849)	10	26840	25	#0	16QAM	20.87	14.86
Band26(824-849)	10	26840	25	#Mid	16QAM	20.83	14.82
Band26(824-849)	10	26840	25	#Max	16QAM	20.84	14.83
Band26(824-849)	10	26840	50	#0	16QAM	20.84	14.83
Band26(824-849)	10	26840	1	#0	64QAM	20.98	14.97
Band26(824-849)	10	26840	1	#Mid	64QAM	21.03	15.02
Band26(824-849)	10	26840	1	#Max	64QAM	20.86	14.85
Band26(824-849)	10	26840	25	#0	64QAM	19.88	13.87
Band26(824-849)	10	26840	25	#Mid	64QAM	19.84	13.83
Band26(824-849)	10	26840	25	#Max	64QAM	19.86	13.85
Band26(824-849)	10	26840	50	#0	64QAM	19.86	13.85
Band26(824-849)	10	26915	1	#0	QPSK	22.62	16.61
Band26(824-849)	10	26915	1	#Mid	QPSK	22.68	16.67
Band26(824-849)	10	26915	1	#Max	QPSK	22.59	16.58

Band26(824-849)	10	26915	25	#0	QPSK	21.66	15.65
Band26(824-849)	10	26915	25	#Mid	QPSK	21.72	15.71
Band26(824-849)	10	26915	25	#Max	QPSK	21.68	15.67
Band26(824-849)	10	26915	50	#0	QPSK	21.70	15.69
Band26(824-849)	10	26915	1	#0	16QAM	21.89	15.88
Band26(824-849)	10	26915	1	#Mid	16QAM	21.96	15.95
Band26(824-849)	10	26915	1	#Max	16QAM	21.92	15.91
Band26(824-849)	10	26915	25	#0	16QAM	20.72	14.71
Band26(824-849)	10	26915	25	#Mid	16QAM	20.79	14.78
Band26(824-849)	10	26915	25	#Max	16QAM	20.74	14.73
Band26(824-849)	10	26915	50	#0	16QAM	20.76	14.75
Band26(824-849)	10	26915	1	#0	64QAM	20.96	14.95
Band26(824-849)	10	26915	1	#Mid	64QAM	20.96	14.95
Band26(824-849)	10	26915	1	#Max	64QAM	20.88	14.87
Band26(824-849)	10	26915	25	#0	64QAM	19.73	13.72
Band26(824-849)	10	26915	25	#Mid	64QAM	19.82	13.81
Band26(824-849)	10	26915	25	#Max	64QAM	19.78	13.77
Band26(824-849)	10	26915	50	#0	64QAM	19.77	13.76
Band26(824-849)	10	26990	1	#0	QPSK	22.55	16.54
Band26(824-849)	10	26990	1	#Mid	QPSK	22.73	16.72
Band26(824-849)	10	26990	1	#Max	QPSK	22.63	16.62
Band26(824-849)	10	26990	25	#0	QPSK	21.78	15.77
Band26(824-849)	10	26990	25	#Mid	QPSK	21.74	15.73
Band26(824-849)	10	26990	25	#Max	QPSK	21.56	15.55
Band26(824-849)	10	26990	50	#0	QPSK	21.71	15.70
Band26(824-849)	10	26990	1	#0	16QAM	21.92	15.91
Band26(824-849)	10	26990	1	#Mid	16QAM	21.94	15.93
Band26(824-849)	10	26990	1	#Max	16QAM	21.87	15.86
Band26(824-849)	10	26990	25	#0	16QAM	20.87	14.86
Band26(824-849)	10	26990	25	#Mid	16QAM	20.82	14.81
Band26(824-849)	10	26990	25	#Max	16QAM	20.66	14.65
Band26(824-849)	10	26990	50	#0	16QAM	20.81	14.80
Band26(824-849)	10	26990	1	#0	64QAM	20.86	14.85
Band26(824-849)	10	26990	1	#Mid	64QAM	20.98	14.97
Band26(824-849)	10	26990	1	#Max	64QAM	20.90	14.89
Band26(824-849)	10	26990	25	#0	64QAM	19.88	13.87
Band26(824-849)	10	26990	25	#Mid	64QAM	19.82	13.81
Band26(824-849)	10	26990	25	#Max	64QAM	19.67	13.66
Band26(824-849)	10	26990	50	#0	64QAM	19.79	13.78
Band26(824-849)	15	26865	1	#0	QPSK	22.58	16.57
Band26(824-849)	15	26865	1	#Mid	QPSK	22.66	16.65
Band26(824-849)	15	26865	1	#Max	QPSK	22.49	16.48
Band26(824-849)	15	26865	36	#0	QPSK	21.71	15.70

Band26(824-849)	15	26865	36	#Mid	QPSK	21.72	15.71
Band26(824-849)	15	26865	36	#Max	QPSK	21.69	15.68
Band26(824-849)	15	26865	75	#0	QPSK	21.71	15.70
Band26(824-849)	15	26865	1	#0	16QAM	21.85	15.84
Band26(824-849)	15	26865	1	#Mid	16QAM	22.01	16.00
Band26(824-849)	15	26865	1	#Max	16QAM	21.67	15.66
Band26(824-849)	15	26865	36	#0	16QAM	20.76	14.75
Band26(824-849)	15	26865	36	#Mid	16QAM	20.78	14.77
Band26(824-849)	15	26865	36	#Max	16QAM	20.75	14.74
Band26(824-849)	15	26865	75	#0	16QAM	20.79	14.78
Band26(824-849)	15	26865	1	#0	64QAM	20.86	14.85
Band26(824-849)	15	26865	1	#Mid	64QAM	20.89	14.88
Band26(824-849)	15	26865	1	#Max	64QAM	20.75	14.74
Band26(824-849)	15	26865	36	#0	64QAM	19.80	13.79
Band26(824-849)	15	26865	36	#Mid	64QAM	19.79	13.78
Band26(824-849)	15	26865	36	#Max	64QAM	19.79	13.78
Band26(824-849)	15	26865	75	#0	64QAM	19.78	13.77
Band26(824-849)	15	26915	1	#0	QPSK	22.57	16.56
Band26(824-849)	15	26915	1	#Mid	QPSK	22.59	16.58
Band26(824-849)	15	26915	1	#Max	QPSK	22.51	16.50
Band26(824-849)	15	26915	36	#0	QPSK	21.63	15.62
Band26(824-849)	15	26915	36	#Mid	QPSK	21.68	15.67
Band26(824-849)	15	26915	36	#Max	QPSK	21.62	15.61
Band26(824-849)	15	26915	75	#0	QPSK	21.63	15.62
Band26(824-849)	15	26915	1	#0	16QAM	21.77	15.76
Band26(824-849)	15	26915	1	#Mid	16QAM	21.79	15.78
Band26(824-849)	15	26915	1	#Max	16QAM	21.82	15.81
Band26(824-849)	15	26915	36	#0	16QAM	20.68	14.67
Band26(824-849)	15	26915	36	#Mid	16QAM	20.74	14.73
Band26(824-849)	15	26915	36	#Max	16QAM	20.70	14.69
Band26(824-849)	15	26915	75	#0	16QAM	20.69	14.68
Band26(824-849)	15	26915	1	#0	64QAM	20.82	14.81
Band26(824-849)	15	26915	1	#Mid	64QAM	20.85	14.84
Band26(824-849)	15	26915	1	#Max	64QAM	20.81	14.80
Band26(824-849)	15	26915	36	#0	64QAM	19.71	13.70
Band26(824-849)	15	26915	36	#Mid	64QAM	19.77	13.76
Band26(824-849)	15	26915	36	#Max	64QAM	19.72	13.71
Band26(824-849)	15	26915	75	#0	64QAM	19.71	13.70
Band26(824-849)	15	26965	1	#0	QPSK	22.52	16.51
Band26(824-849)	15	26965	1	#Mid	QPSK	22.60	16.59
Band26(824-849)	15	26965	1	#Max	QPSK	22.56	16.55
Band26(824-849)	15	26965	36	#0	QPSK	21.68	15.67
Band26(824-849)	15	26965	36	#Mid	QPSK	21.68	15.67

Band26(824-849)	15	26965	36	#Max	QPSK	21.60	15.59
Band26(824-849)	15	26965	75	#0	QPSK	21.65	15.64
Band26(824-849)	15	26965	1	#0	16QAM	21.72	15.71
Band26(824-849)	15	26965	1	#Mid	16QAM	21.90	15.89
Band26(824-849)	15	26965	1	#Max	16QAM	21.81	15.80
Band26(824-849)	15	26965	36	#0	16QAM	20.71	14.70
Band26(824-849)	15	26965	36	#Mid	16QAM	20.73	14.72
Band26(824-849)	15	26965	36	#Max	16QAM	20.65	14.64
Band26(824-849)	15	26965	75	#0	16QAM	20.72	14.71
Band26(824-849)	15	26965	1	#0	64QAM	20.80	14.79
Band26(824-849)	15	26965	1	#Mid	64QAM	20.85	14.84
Band26(824-849)	15	26965	1	#Max	64QAM	20.87	14.86
Band26(824-849)	15	26965	36	#0	64QAM	19.75	13.74
Band26(824-849)	15	26965	36	#Mid	64QAM	19.76	13.75
Band26(824-849)	15	26965	36	#Max	64QAM	19.69	13.68
Band26(824-849)	15	26965	75	#0	64QAM	19.73	13.72

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	ERP (dBm)
Band26(814-824)	1.4	26697	1	#0	QPSK	23.08	17.07
Band26(814-824)	1.4	26697	1	#Mid	QPSK	23.13	17.12
Band26(814-824)	1.4	26697	1	#Max	QPSK	22.98	16.97
Band26(814-824)	1.4	26697	3	#0	QPSK	23.19	17.18
Band26(814-824)	1.4	26697	3	#Mid	QPSK	23.15	17.14
Band26(814-824)	1.4	26697	3	#Max	QPSK	23.11	17.10
Band26(814-824)	1.4	26697	6	#0	QPSK	22.26	16.25
Band26(814-824)	1.4	26697	1	#0	16QAM	22.28	16.27
Band26(814-824)	1.4	26697	1	#Mid	16QAM	22.47	16.46
Band26(814-824)	1.4	26697	1	#Max	16QAM	22.26	16.25
Band26(814-824)	1.4	26697	3	#0	16QAM	22.20	16.19
Band26(814-824)	1.4	26697	3	#Mid	16QAM	22.16	16.15
Band26(814-824)	1.4	26697	3	#Max	16QAM	22.19	16.18
Band26(814-824)	1.4	26697	6	#0	16QAM	21.31	15.30
Band26(814-824)	1.4	26697	1	#0	64QAM	21.36	15.35
Band26(814-824)	1.4	26697	1	#Mid	64QAM	21.36	15.35
Band26(814-824)	1.4	26697	1	#Max	64QAM	21.21	15.20
Band26(814-824)	1.4	26697	3	#0	64QAM	21.34	15.33
Band26(814-824)	1.4	26697	3	#Mid	64QAM	21.31	15.30
Band26(814-824)	1.4	26697	3	#Max	64QAM	21.25	15.24
Band26(814-824)	1.4	26697	6	#0	64QAM	20.21	14.20
Band26(814-824)	1.4	26740	1	#0	QPSK	22.58	16.57
Band26(814-824)	1.4	26740	1	#Mid	QPSK	22.62	16.61
Band26(814-824)	1.4	26740	1	#Max	QPSK	22.45	16.44

Band26(814-824)	1.4	26740	3	#0	QPSK	22.66	16.65
Band26(814-824)	1.4	26740	3	#Mid	QPSK	22.60	16.59
Band26(814-824)	1.4	26740	3	#Max	QPSK	22.55	16.54
Band26(814-824)	1.4	26740	6	#0	QPSK	21.68	15.67
Band26(814-824)	1.4	26740	1	#0	16QAM	21.81	15.80
Band26(814-824)	1.4	26740	1	#Mid	16QAM	21.93	15.92
Band26(814-824)	1.4	26740	1	#Max	16QAM	21.83	15.82
Band26(814-824)	1.4	26740	3	#0	16QAM	21.65	15.64
Band26(814-824)	1.4	26740	3	#Mid	16QAM	21.67	15.66
Band26(814-824)	1.4	26740	3	#Max	16QAM	21.61	15.60
Band26(814-824)	1.4	26740	6	#0	16QAM	20.77	14.76
Band26(814-824)	1.4	26740	1	#0	64QAM	20.87	14.86
Band26(814-824)	1.4	26740	1	#Mid	64QAM	20.80	14.79
Band26(814-824)	1.4	26740	1	#Max	64QAM	20.71	14.70
Band26(814-824)	1.4	26740	3	#0	64QAM	20.82	14.81
Band26(814-824)	1.4	26740	3	#Mid	64QAM	20.80	14.79
Band26(814-824)	1.4	26740	3	#Max	64QAM	20.71	14.70
Band26(814-824)	1.4	26740	6	#0	64QAM	19.64	13.63
Band26(814-824)	1.4	26783	1	#0	QPSK	21.96	15.95
Band26(814-824)	1.4	26783	1	#Mid	QPSK	22.02	16.01
Band26(814-824)	1.4	26783	1	#Max	QPSK	21.84	15.83
Band26(814-824)	1.4	26783	3	#0	QPSK	22.04	16.03
Band26(814-824)	1.4	26783	3	#Mid	QPSK	22.04	16.03
Band26(814-824)	1.4	26783	3	#Max	QPSK	21.99	15.98
Band26(814-824)	1.4	26783	6	#0	QPSK	21.03	15.02
Band26(814-824)	1.4	26783	1	#0	16QAM	21.17	15.16
Band26(814-824)	1.4	26783	1	#Mid	16QAM	21.23	15.22
Band26(814-824)	1.4	26783	1	#Max	16QAM	21.11	15.10
Band26(814-824)	1.4	26783	3	#0	16QAM	21.01	15.00
Band26(814-824)	1.4	26783	3	#Mid	16QAM	20.92	14.91
Band26(814-824)	1.4	26783	3	#Max	16QAM	20.88	14.87
Band26(814-824)	1.4	26783	6	#0	16QAM	20.20	14.19
Band26(814-824)	1.4	26783	1	#0	64QAM	20.23	14.22
Band26(814-824)	1.4	26783	1	#Mid	64QAM	20.28	14.27
Band26(814-824)	1.4	26783	1	#Max	64QAM	20.05	14.04
Band26(814-824)	1.4	26783	3	#0	64QAM	20.23	14.22
Band26(814-824)	1.4	26783	3	#Mid	64QAM	20.17	14.16
Band26(814-824)	1.4	26783	3	#Max	64QAM	20.12	14.11
Band26(814-824)	1.4	26783	6	#0	64QAM	19.07	13.06
Band26(814-824)	3	26705	1	#0	QPSK	23.12	17.11
Band26(814-824)	3	26705	1	#Mid	QPSK	22.99	16.98
Band26(814-824)	3	26705	1	#Max	QPSK	22.84	16.83
Band26(814-824)	3	26705	8	#0	QPSK	22.19	16.18

Band26(814-824)	3	26705	8	#Mid	QPSK	22.10	16.09
Band26(814-824)	3	26705	8	#Max	QPSK	22.02	16.01
Band26(814-824)	3	26705	15	#0	QPSK	22.12	16.11
Band26(814-824)	3	26705	1	#0	16QAM	22.40	16.39
Band26(814-824)	3	26705	1	#Mid	16QAM	22.29	16.28
Band26(814-824)	3	26705	1	#Max	16QAM	22.18	16.17
Band26(814-824)	3	26705	8	#0	16QAM	21.24	15.23
Band26(814-824)	3	26705	8	#Mid	16QAM	21.19	15.18
Band26(814-824)	3	26705	8	#Max	16QAM	21.09	15.08
Band26(814-824)	3	26705	15	#0	16QAM	21.15	15.14
Band26(814-824)	3	26705	1	#0	64QAM	21.34	15.33
Band26(814-824)	3	26705	1	#Mid	64QAM	21.21	15.20
Band26(814-824)	3	26705	1	#Max	64QAM	21.17	15.16
Band26(814-824)	3	26705	8	#0	64QAM	20.27	14.26
Band26(814-824)	3	26705	8	#Mid	64QAM	20.19	14.18
Band26(814-824)	3	26705	8	#Max	64QAM	20.05	14.04
Band26(814-824)	3	26705	15	#0	64QAM	20.10	14.09
Band26(814-824)	3	26740	1	#0	QPSK	22.74	16.73
Band26(814-824)	3	26740	1	#Mid	QPSK	22.51	16.50
Band26(814-824)	3	26740	1	#Max	QPSK	22.36	16.35
Band26(814-824)	3	26740	8	#0	QPSK	21.72	15.71
Band26(814-824)	3	26740	8	#Mid	QPSK	21.67	15.66
Band26(814-824)	3	26740	8	#Max	QPSK	21.60	15.59
Band26(814-824)	3	26740	15	#0	QPSK	21.64	15.63
Band26(814-824)	3	26740	1	#0	16QAM	22.08	16.07
Band26(814-824)	3	26740	1	#Mid	16QAM	21.79	15.78
Band26(814-824)	3	26740	1	#Max	16QAM	21.63	15.62
Band26(814-824)	3	26740	8	#0	16QAM	20.81	14.80
Band26(814-824)	3	26740	8	#Mid	16QAM	20.73	14.72
Band26(814-824)	3	26740	8	#Max	16QAM	20.65	14.64
Band26(814-824)	3	26740	15	#0	16QAM	20.68	14.67
Band26(814-824)	3	26740	1	#0	64QAM	21.03	15.02
Band26(814-824)	3	26740	1	#Mid	64QAM	20.74	14.73
Band26(814-824)	3	26740	1	#Max	64QAM	20.61	14.60
Band26(814-824)	3	26740	8	#0	64QAM	19.77	13.76
Band26(814-824)	3	26740	8	#Mid	64QAM	19.72	13.71
Band26(814-824)	3	26740	8	#Max	64QAM	19.64	13.63
Band26(814-824)	3	26740	15	#0	64QAM	19.64	13.63
Band26(814-824)	3	26775	1	#0	QPSK	22.24	16.23
Band26(814-824)	3	26775	1	#Mid	QPSK	21.99	15.98
Band26(814-824)	3	26775	1	#Max	QPSK	21.87	15.86
Band26(814-824)	3	26775	8	#0	QPSK	21.14	15.13
Band26(814-824)	3	26775	8	#Mid	QPSK	21.08	15.07

Band26(814-824)	3	26775	8	#Max	QPSK	21.01	15.00
Band26(814-824)	3	26775	15	#0	QPSK	21.12	15.11
Band26(814-824)	3	26775	1	#0	16QAM	21.47	15.46
Band26(814-824)	3	26775	1	#Mid	16QAM	21.15	15.14
Band26(814-824)	3	26775	1	#Max	16QAM	21.19	15.18
Band26(814-824)	3	26775	8	#0	16QAM	20.25	14.24
Band26(814-824)	3	26775	8	#Mid	16QAM	20.23	14.22
Band26(814-824)	3	26775	8	#Max	16QAM	20.14	14.13
Band26(814-824)	3	26775	15	#0	16QAM	20.14	14.13
Band26(814-824)	3	26775	1	#0	64QAM	20.50	14.49
Band26(814-824)	3	26775	1	#Mid	64QAM	20.27	14.26
Band26(814-824)	3	26775	1	#Max	64QAM	20.16	14.15
Band26(814-824)	3	26775	8	#0	64QAM	19.27	13.26
Band26(814-824)	3	26775	8	#Mid	64QAM	19.23	13.22
Band26(814-824)	3	26775	8	#Max	64QAM	19.14	13.13
Band26(814-824)	3	26775	15	#0	64QAM	19.17	13.16
Band26(814-824)	5	26715	1	#0	QPSK	22.98	16.97
Band26(814-824)	5	26715	1	#Mid	QPSK	22.84	16.83
Band26(814-824)	5	26715	1	#Max	QPSK	22.51	16.50
Band26(814-824)	5	26715	12	#0	QPSK	22.26	16.25
Band26(814-824)	5	26715	12	#Mid	QPSK	22.03	16.02
Band26(814-824)	5	26715	12	#Max	QPSK	21.82	15.81
Band26(814-824)	5	26715	25	#0	QPSK	22.09	16.08
Band26(814-824)	5	26715	1	#0	16QAM	22.27	16.26
Band26(814-824)	5	26715	1	#Mid	16QAM	22.16	16.15
Band26(814-824)	5	26715	1	#Max	16QAM	21.88	15.87
Band26(814-824)	5	26715	12	#0	16QAM	21.23	15.22
Band26(814-824)	5	26715	12	#Mid	16QAM	21.03	15.02
Band26(814-824)	5	26715	12	#Max	16QAM	20.80	14.79
Band26(814-824)	5	26715	25	#0	16QAM	21.10	15.09
Band26(814-824)	5	26715	1	#0	64QAM	21.32	15.31
Band26(814-824)	5	26715	1	#Mid	64QAM	21.13	15.12
Band26(814-824)	5	26715	1	#Max	64QAM	20.78	14.77
Band26(814-824)	5	26715	12	#0	64QAM	20.29	14.28
Band26(814-824)	5	26715	12	#Mid	64QAM	20.05	14.04
Band26(814-824)	5	26715	12	#Max	64QAM	19.84	13.83
Band26(814-824)	5	26715	25	#0	64QAM	20.09	14.08
Band26(814-824)	5	26740	1	#0	QPSK	22.76	16.75
Band26(814-824)	5	26740	1	#Mid	QPSK	22.54	16.53
Band26(814-824)	5	26740	1	#Max	QPSK	22.15	16.14
Band26(814-824)	5	26740	12	#0	QPSK	21.77	15.76
Band26(814-824)	5	26740	12	#Mid	QPSK	21.71	15.70
Band26(814-824)	5	26740	12	#Max	QPSK	21.62	15.61

Band26(814-824)	5	26740	25	#0	QPSK	21.75	15.74
Band26(814-824)	5	26740	1	#0	16QAM	22.11	16.10
Band26(814-824)	5	26740	1	#Mid	16QAM	21.89	15.88
Band26(814-824)	5	26740	1	#Max	16QAM	21.42	15.41
Band26(814-824)	5	26740	12	#0	16QAM	20.75	14.74
Band26(814-824)	5	26740	12	#Mid	16QAM	20.70	14.69
Band26(814-824)	5	26740	12	#Max	16QAM	20.62	14.61
Band26(814-824)	5	26740	25	#0	16QAM	20.74	14.73
Band26(814-824)	5	26740	1	#0	64QAM	21.00	14.99
Band26(814-824)	5	26740	1	#Mid	64QAM	20.81	14.80
Band26(814-824)	5	26740	1	#Max	64QAM	20.32	14.31
Band26(814-824)	5	26740	12	#0	64QAM	19.80	13.79
Band26(814-824)	5	26740	12	#Mid	64QAM	19.70	13.69
Band26(814-824)	5	26740	12	#Max	64QAM	19.64	13.63
Band26(814-824)	5	26740	25	#0	64QAM	19.73	13.72
Band26(814-824)	5	26765	1	#0	QPSK	22.42	16.41
Band26(814-824)	5	26765	1	#Mid	QPSK	22.15	16.14
Band26(814-824)	5	26765	1	#Max	QPSK	21.80	15.79
Band26(814-824)	5	26765	12	#0	QPSK	21.29	15.28
Band26(814-824)	5	26765	12	#Mid	QPSK	21.27	15.26
Band26(814-824)	5	26765	12	#Max	QPSK	21.14	15.13
Band26(814-824)	5	26765	25	#0	QPSK	21.22	15.21
Band26(814-824)	5	26765	1	#0	16QAM	21.75	15.74
Band26(814-824)	5	26765	1	#Mid	16QAM	21.44	15.43
Band26(814-824)	5	26765	1	#Max	16QAM	20.98	14.97
Band26(814-824)	5	26765	12	#0	16QAM	20.27	14.26
Band26(814-824)	5	26765	12	#Mid	16QAM	20.30	14.29
Band26(814-824)	5	26765	12	#Max	16QAM	20.21	14.20
Band26(814-824)	5	26765	25	#0	16QAM	20.30	14.29
Band26(814-824)	5	26765	1	#0	64QAM	20.64	14.63
Band26(814-824)	5	26765	1	#Mid	64QAM	20.38	14.37
Band26(814-824)	5	26765	1	#Max	64QAM	20.07	14.06
Band26(814-824)	5	26765	12	#0	64QAM	19.32	13.31
Band26(814-824)	5	26765	12	#Mid	64QAM	19.37	13.36
Band26(814-824)	5	26765	12	#Max	64QAM	19.25	13.24
Band26(814-824)	5	26765	25	#0	64QAM	19.29	13.28
Band26(814-824)	10	26740	1	#0	QPSK	23.07	17.06
Band26(814-824)	10	26740	1	#Mid	QPSK	22.71	16.70
Band26(814-824)	10	26740	1	#Max	QPSK	21.90	15.89
Band26(814-824)	10	26740	25	#0	QPSK	22.11	16.10
Band26(814-824)	10	26740	25	#Mid	QPSK	21.70	15.69
Band26(814-824)	10	26740	25	#Max	QPSK	21.63	15.62
Band26(814-824)	10	26740	50	#0	QPSK	21.86	15.85

Band26(814-824)	10	26740	1	#0	16QAM	22.42	16.41
Band26(814-824)	10	26740	1	#Mid	16QAM	22.05	16.04
Band26(814-824)	10	26740	1	#Max	16QAM	21.06	15.05
Band26(814-824)	10	26740	25	#0	16QAM	21.14	15.13
Band26(814-824)	10	26740	25	#Mid	16QAM	20.74	14.73
Band26(814-824)	10	26740	25	#Max	16QAM	20.62	14.61
Band26(814-824)	10	26740	50	#0	16QAM	20.88	14.87
Band26(814-824)	10	26740	1	#0	64QAM	21.40	15.39
Band26(814-824)	10	26740	1	#Mid	64QAM	20.99	14.98
Band26(814-824)	10	26740	1	#Max	64QAM	20.20	14.19
Band26(814-824)	10	26740	25	#0	64QAM	20.14	14.13
Band26(814-824)	10	26740	25	#Mid	64QAM	19.73	13.72
Band26(814-824)	10	26740	25	#Max	64QAM	19.66	13.65
Band26(814-824)	10	26740	50	#0	64QAM	19.89	13.88

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
Band38	5	37775	1	#0	QPSK	20.91	23.03
Band38	5	37775	1	#Mid	QPSK	20.95	23.07
Band38	5	37775	1	#Max	QPSK	20.76	22.88
Band38	5	37775	12	#0	QPSK	19.96	22.08
Band38	5	37775	12	#Mid	QPSK	19.98	22.10
Band38	5	37775	12	#Max	QPSK	19.88	22.00
Band38	5	37775	25	#0	QPSK	19.93	22.05
Band38	5	37775	1	#0	16QAM	20.11	22.23
Band38	5	37775	1	#Mid	16QAM	20.17	22.29
Band38	5	37775	1	#Max	16QAM	19.98	22.10
Band38	5	37775	12	#0	16QAM	18.97	21.09
Band38	5	37775	12	#Mid	16QAM	18.98	21.10
Band38	5	37775	12	#Max	16QAM	18.89	21.01
Band38	5	37775	25	#0	16QAM	18.96	21.08
Band38	5	37775	1	#0	64QAM	18.91	21.03
Band38	5	37775	1	#Mid	64QAM	18.95	21.07
Band38	5	37775	1	#Max	64QAM	18.73	20.85
Band38	5	37775	12	#0	64QAM	17.97	20.09
Band38	5	37775	12	#Mid	64QAM	17.98	20.10
Band38	5	37775	12	#Max	64QAM	17.91	20.03
Band38	5	37775	25	#0	64QAM	17.96	20.08
Band38	5	38000	1	#0	QPSK	22.48	24.60
Band38	5	38000	1	#Mid	QPSK	22.95	25.07
Band38	5	38000	1	#Max	QPSK	23.06	25.18
Band38	5	38000	12	#0	QPSK	21.75	23.87
Band38	5	38000	12	#Mid	QPSK	21.99	24.11

Band38	5	38000	12	#Max	QPSK	22.09	24.21
Band38	5	38000	25	#0	QPSK	21.94	24.06
Band38	5	38000	1	#0	16QAM	21.70	23.82
Band38	5	38000	1	#Mid	16QAM	22.17	24.29
Band38	5	38000	1	#Max	16QAM	22.27	24.39
Band38	5	38000	12	#0	16QAM	20.75	22.87
Band38	5	38000	12	#Mid	16QAM	20.98	23.10
Band38	5	38000	12	#Max	16QAM	21.09	23.21
Band38	5	38000	25	#0	16QAM	20.98	23.10
Band38	5	38000	1	#0	64QAM	20.47	22.59
Band38	5	38000	1	#Mid	64QAM	20.97	23.09
Band38	5	38000	1	#Max	64QAM	21.06	23.18
Band38	5	38000	12	#0	64QAM	19.75	21.87
Band38	5	38000	12	#Mid	64QAM	20.00	22.12
Band38	5	38000	12	#Max	64QAM	20.09	22.21
Band38	5	38000	25	#0	64QAM	19.97	22.09
Band38	5	38225	1	#0	QPSK	22.52	24.64
Band38	5	38225	1	#Mid	QPSK	22.36	24.48
Band38	5	38225	1	#Max	QPSK	21.98	24.10
Band38	5	38225	12	#0	QPSK	21.50	23.62
Band38	5	38225	12	#Mid	QPSK	21.37	23.49
Band38	5	38225	12	#Max	QPSK	21.22	23.34
Band38	5	38225	25	#0	QPSK	21.34	23.46
Band38	5	38225	1	#0	16QAM	21.67	23.79
Band38	5	38225	1	#Mid	16QAM	21.52	23.64
Band38	5	38225	1	#Max	16QAM	21.15	23.27
Band38	5	38225	12	#0	16QAM	20.53	22.65
Band38	5	38225	12	#Mid	16QAM	20.39	22.51
Band38	5	38225	12	#Max	16QAM	20.23	22.35
Band38	5	38225	25	#0	16QAM	20.41	22.53
Band38	5	38225	1	#0	64QAM	20.50	22.62
Band38	5	38225	1	#Mid	64QAM	20.36	22.48
Band38	5	38225	1	#Max	64QAM	19.96	22.08
Band38	5	38225	12	#0	64QAM	19.52	21.64
Band38	5	38225	12	#Mid	64QAM	19.42	21.54
Band38	5	38225	12	#Max	64QAM	19.23	21.35
Band38	5	38225	25	#0	64QAM	19.39	21.51
Band38	10	37800	1	#0	QPSK	21.03	23.15
Band38	10	37800	1	#Mid	QPSK	21.00	23.12
Band38	10	37800	1	#Max	QPSK	20.98	23.10
Band38	10	37800	25	#0	QPSK	19.98	22.10
Band38	10	37800	25	#Mid	QPSK	19.95	22.07
Band38	10	37800	25	#Max	QPSK	19.92	22.04

Band38	10	37800	50	#0	QPSK	19.96	22.08
Band38	10	37800	1	#0	16QAM	20.26	22.38
Band38	10	37800	1	#Mid	16QAM	20.21	22.33
Band38	10	37800	1	#Max	16QAM	20.21	22.33
Band38	10	37800	25	#0	16QAM	19.00	21.12
Band38	10	37800	25	#Mid	16QAM	18.97	21.09
Band38	10	37800	25	#Max	16QAM	18.96	21.08
Band38	10	37800	50	#0	16QAM	18.98	21.10
Band38	10	37800	1	#0	64QAM	19.01	21.13
Band38	10	37800	1	#Mid	64QAM	18.98	21.10
Band38	10	37800	1	#Max	64QAM	18.96	21.08
Band38	10	37800	25	#0	64QAM	18.03	20.15
Band38	10	37800	25	#Mid	64QAM	18.03	20.15
Band38	10	37800	25	#Max	64QAM	17.98	20.10
Band38	10	37800	50	#0	64QAM	17.97	20.09
Band38	10	38000	1	#0	QPSK	22.27	24.39
Band38	10	38000	1	#Mid	QPSK	23.00	25.12
Band38	10	38000	1	#Max	QPSK	23.36	25.48
Band38	10	38000	25	#0	QPSK	21.70	23.82
Band38	10	38000	25	#Mid	QPSK	22.03	24.15
Band38	10	38000	25	#Max	QPSK	22.30	24.42
Band38	10	38000	50	#0	QPSK	22.00	24.12
Band38	10	38000	1	#0	16QAM	21.51	23.63
Band38	10	38000	1	#Mid	16QAM	22.20	24.32
Band38	10	38000	1	#Max	16QAM	22.58	24.70
Band38	10	38000	25	#0	16QAM	20.72	22.84
Band38	10	38000	25	#Mid	16QAM	21.05	23.17
Band38	10	38000	25	#Max	16QAM	21.31	23.43
Band38	10	38000	50	#0	16QAM	21.04	23.16
Band38	10	38000	1	#0	64QAM	20.25	22.37
Band38	10	38000	1	#Mid	64QAM	21.03	23.15
Band38	10	38000	1	#Max	64QAM	21.37	23.49
Band38	10	38000	25	#0	64QAM	19.72	21.84
Band38	10	38000	25	#Mid	64QAM	20.07	22.19
Band38	10	38000	25	#Max	64QAM	20.29	22.41
Band38	10	38000	50	#0	64QAM	19.95	22.07
Band38	10	38200	1	#0	QPSK	23.18	25.30
Band38	10	38200	1	#Mid	QPSK	22.73	24.85
Band38	10	38200	1	#Max	QPSK	22.16	24.28
Band38	10	38200	25	#0	QPSK	22.02	24.14
Band38	10	38200	25	#Mid	QPSK	21.71	23.83
Band38	10	38200	25	#Max	QPSK	21.45	23.57
Band38	10	38200	50	#0	QPSK	21.76	23.88

Band38	10	38200	1	#0	16QAM	22.38	24.50
Band38	10	38200	1	#Mid	16QAM	21.91	24.03
Band38	10	38200	1	#Max	16QAM	21.33	23.45
Band38	10	38200	25	#0	16QAM	21.04	23.16
Band38	10	38200	25	#Mid	16QAM	20.76	22.88
Band38	10	38200	25	#Max	16QAM	20.51	22.63
Band38	10	38200	50	#0	16QAM	20.82	22.94
Band38	10	38200	1	#0	64QAM	21.18	23.30
Band38	10	38200	1	#Mid	64QAM	20.75	22.87
Band38	10	38200	1	#Max	64QAM	20.11	22.23
Band38	10	38200	25	#0	64QAM	20.02	22.14
Band38	10	38200	25	#Mid	64QAM	19.79	21.91
Band38	10	38200	25	#Max	64QAM	19.51	21.63
Band38	10	38200	50	#0	64QAM	19.75	21.87
Band38	15	37825	1	#0	QPSK	20.89	23.01
Band38	15	37825	1	#Mid	QPSK	20.92	23.04
Band38	15	37825	1	#Max	QPSK	21.26	23.38
Band38	15	37825	36	#0	QPSK	19.93	22.05
Band38	15	37825	36	#Mid	QPSK	19.96	22.08
Band38	15	37825	36	#Max	QPSK	20.04	22.16
Band38	15	37825	75	#0	QPSK	19.98	22.10
Band38	15	37825	1	#0	16QAM	20.13	22.25
Band38	15	37825	1	#Mid	16QAM	20.13	22.25
Band38	15	37825	1	#Max	16QAM	20.48	22.60
Band38	15	37825	36	#0	16QAM	18.89	21.01
Band38	15	37825	36	#Mid	16QAM	18.93	21.05
Band38	15	37825	36	#Max	16QAM	19.01	21.13
Band38	15	37825	75	#0	16QAM	18.98	21.10
Band38	15	37825	1	#0	64QAM	18.89	21.01
Band38	15	37825	1	#Mid	64QAM	18.93	21.05
Band38	15	37825	1	#Max	64QAM	19.21	21.33
Band38	15	37825	36	#0	64QAM	17.89	20.01
Band38	15	37825	36	#Mid	64QAM	17.93	20.05
Band38	15	37825	36	#Max	64QAM	17.98	20.10
Band38	15	37825	75	#0	64QAM	17.98	20.10
Band38	15	38000	1	#0	QPSK	21.82	23.94
Band38	15	38000	1	#Mid	QPSK	22.94	25.06
Band38	15	38000	1	#Max	QPSK	23.44	25.56
Band38	15	38000	36	#0	QPSK	21.48	23.60
Band38	15	38000	36	#Mid	QPSK	21.98	24.10
Band38	15	38000	36	#Max	QPSK	22.43	24.55
Band38	15	38000	75	#0	QPSK	21.96	24.08
Band38	15	38000	1	#0	16QAM	21.04	23.16

Band38	15	38000	1	#Mid	16QAM	22.15	24.27
Band38	15	38000	1	#Max	16QAM	22.60	24.72
Band38	15	38000	36	#0	16QAM	20.42	22.54
Band38	15	38000	36	#Mid	16QAM	20.95	23.07
Band38	15	38000	36	#Max	16QAM	21.35	23.47
Band38	15	38000	75	#0	16QAM	20.95	23.07
Band38	15	38000	1	#0	64QAM	19.80	21.92
Band38	15	38000	1	#Mid	64QAM	20.96	23.08
Band38	15	38000	1	#Max	64QAM	21.41	23.53
Band38	15	38000	36	#0	64QAM	19.39	21.51
Band38	15	38000	36	#Mid	64QAM	19.95	22.07
Band38	15	38000	36	#Max	64QAM	20.36	22.48
Band38	15	38000	75	#0	64QAM	19.92	22.04
Band38	15	38175	1	#0	QPSK	23.44	25.56
Band38	15	38175	1	#Mid	QPSK	22.93	25.05
Band38	15	38175	1	#Max	QPSK	22.05	24.17
Band38	15	38175	36	#0	QPSK	22.41	24.53
Band38	15	38175	36	#Mid	QPSK	22.01	24.13
Band38	15	38175	36	#Max	QPSK	21.55	23.67
Band38	15	38175	75	#0	QPSK	21.96	24.08
Band38	15	38175	1	#0	16QAM	22.60	24.72
Band38	15	38175	1	#Mid	16QAM	22.06	24.18
Band38	15	38175	1	#Max	16QAM	21.22	23.34
Band38	15	38175	36	#0	16QAM	21.33	23.45
Band38	15	38175	36	#Mid	16QAM	20.97	23.09
Band38	15	38175	36	#Max	16QAM	20.54	22.66
Band38	15	38175	75	#0	16QAM	21.00	23.12
Band38	15	38175	1	#0	64QAM	21.42	23.54
Band38	15	38175	1	#Mid	64QAM	20.92	23.04
Band38	15	38175	1	#Max	64QAM	20.00	22.12
Band38	15	38175	36	#0	64QAM	20.34	22.46
Band38	15	38175	36	#Mid	64QAM	19.97	22.09
Band38	15	38175	36	#Max	64QAM	19.51	21.63
Band38	15	38175	75	#0	64QAM	19.96	22.08
Band38	20	37850	1	#0	QPSK	20.75	22.87
Band38	20	37850	1	#Mid	QPSK	21.11	23.23
Band38	20	37850	1	#Max	QPSK	21.65	23.77
Band38	20	37850	50	#0	QPSK	20.00	22.12
Band38	20	37850	50	#Mid	QPSK	20.10	22.22
Band38	20	37850	50	#Max	QPSK	20.34	22.46
Band38	20	37850	100	#0	QPSK	20.16	22.28
Band38	20	37850	1	#0	16QAM	19.97	22.09
Band38	20	37850	1	#Mid	16QAM	20.35	22.47

Band38	20	37850	1	#Max	16QAM	20.89	23.01
Band38	20	37850	50	#0	16QAM	19.04	21.16
Band38	20	37850	50	#Mid	16QAM	19.12	21.24
Band38	20	37850	50	#Max	16QAM	19.38	21.50
Band38	20	37850	100	#0	16QAM	19.17	21.29
Band38	20	37850	1	#0	64QAM	18.69	20.81
Band38	20	37850	1	#Mid	64QAM	19.07	21.19
Band38	20	37850	1	#Max	64QAM	19.64	21.76
Band38	20	37850	50	#0	64QAM	18.00	20.12
Band38	20	37850	50	#Mid	64QAM	18.09	20.21
Band38	20	37850	50	#Max	64QAM	18.35	20.47
Band38	20	37850	100	#0	64QAM	18.14	20.26
Band38	20	38000	1	#0	QPSK	21.38	23.50
Band38	20	38000	1	#Mid	QPSK	23.03	25.15
Band38	20	38000	1	#Max	QPSK	23.30	25.42
Band38	20	38000	50	#0	QPSK	21.33	23.45
Band38	20	38000	50	#Mid	QPSK	21.96	24.08
Band38	20	38000	50	#Max	QPSK	22.49	24.61
Band38	20	38000	100	#0	QPSK	21.95	24.07
Band38	20	38000	1	#0	16QAM	20.62	22.74
Band38	20	38000	1	#Mid	16QAM	22.23	24.35
Band38	20	38000	1	#Max	16QAM	22.50	24.62
Band38	20	38000	50	#0	16QAM	20.38	22.50
Band38	20	38000	50	#Mid	16QAM	20.98	23.10
Band38	20	38000	50	#Max	16QAM	21.51	23.63
Band38	20	38000	100	#0	16QAM	20.98	23.10
Band38	20	38000	1	#0	64QAM	19.36	21.48
Band38	20	38000	1	#Mid	64QAM	21.01	23.13
Band38	20	38000	1	#Max	64QAM	21.32	23.44
Band38	20	38000	50	#0	64QAM	19.32	21.44
Band38	20	38000	50	#Mid	64QAM	19.96	22.08
Band38	20	38000	50	#Max	64QAM	20.48	22.60
Band38	20	38000	100	#0	64QAM	20.00	22.12
Band38	20	38150	1	#0	QPSK	23.22	25.34
Band38	20	38150	1	#Mid	QPSK	23.33	25.45
Band38	20	38150	1	#Max	QPSK	21.91	24.03
Band38	20	38150	50	#0	QPSK	22.55	24.67
Band38	20	38150	50	#Mid	QPSK	22.32	24.44
Band38	20	38150	50	#Max	QPSK	21.77	23.89
Band38	20	38150	100	#0	QPSK	22.20	24.32
Band38	20	38150	1	#0	16QAM	22.43	24.55
Band38	20	38150	1	#Mid	16QAM	22.50	24.62
Band38	20	38150	1	#Max	16QAM	21.10	23.22

Band38	20	38150	50	#0	16QAM	21.54	23.66
Band38	20	38150	50	#Mid	16QAM	21.36	23.48
Band38	20	38150	50	#Max	16QAM	20.84	22.96
Band38	20	38150	100	#0	16QAM	21.18	23.30
Band38	20	38150	1	#0	64QAM	21.22	23.34
Band38	20	38150	1	#Mid	64QAM	21.30	23.42
Band38	20	38150	1	#Max	64QAM	19.91	22.03
Band38	20	38150	50	#0	64QAM	20.55	22.67
Band38	20	38150	50	#Mid	64QAM	20.32	22.44
Band38	20	38150	50	#Max	64QAM	19.78	21.90
Band38	20	38150	100	#0	64QAM	20.17	22.29

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP (dBm)
Band41(2535-2655)	5	40065	12	#Max	16QAM	20.30	22.42
Band41(2535-2655)	5	40065	12	#0	16QAM	20.32	22.44
Band41(2535-2655)	5	40640	12	#0	16QAM	20.34	22.46
Band41(2535-2655)	5	40065	25	#0	16QAM	20.36	22.48
Band41(2535-2655)	5	40065	12	#Mid	16QAM	20.37	22.49
Band41(2535-2655)	5	40640	12	#Max	16QAM	20.38	22.50
Band41(2535-2655)	5	40640	25	#0	16QAM	20.39	22.51
Band41(2535-2655)	5	40640	12	#Mid	16QAM	20.41	22.53
Band41(2535-2655)	5	41215	12	#Max	16QAM	20.73	22.85
Band41(2535-2655)	5	41215	12	#0	16QAM	20.74	22.86
Band41(2535-2655)	5	41215	12	#Mid	16QAM	20.74	22.86
Band41(2535-2655)	5	41215	25	#0	16QAM	20.77	22.89
Band41(2535-2655)	5	40065	1	#Max	16QAM	21.43	23.55
Band41(2535-2655)	5	40640	1	#Max	16QAM	21.43	23.55
Band41(2535-2655)	5	40640	1	#0	16QAM	21.45	23.57
Band41(2535-2655)	5	40065	1	#0	16QAM	21.46	23.58
Band41(2535-2655)	5	40640	1	#Mid	16QAM	21.55	23.67
Band41(2535-2655)	5	40065	1	#Mid	16QAM	21.59	23.71
Band41(2535-2655)	5	41215	1	#0	16QAM	21.76	23.88
Band41(2535-2655)	5	41215	1	#Max	16QAM	21.77	23.89
Band41(2535-2655)	5	41215	1	#Mid	16QAM	21.85	23.97
Band41(2535-2655)	5	40065	12	#0	64QAM	19.34	21.46
Band41(2535-2655)	5	40640	12	#0	64QAM	19.34	21.46
Band41(2535-2655)	5	40065	12	#Max	64QAM	19.35	21.47
Band41(2535-2655)	5	40640	12	#Max	64QAM	19.36	21.48
Band41(2535-2655)	5	40065	25	#0	64QAM	19.38	21.50
Band41(2535-2655)	5	40640	25	#0	64QAM	19.39	21.51
Band41(2535-2655)	5	40640	12	#Mid	64QAM	19.41	21.53
Band41(2535-2655)	5	40065	12	#Mid	64QAM	19.42	21.54

Band41(2535-2655)	5	41215	12	#Max	64QAM	19.75	21.87
Band41(2535-2655)	5	41215	12	#0	64QAM	19.77	21.89
Band41(2535-2655)	5	41215	12	#Mid	64QAM	19.80	21.92
Band41(2535-2655)	5	41215	25	#0	64QAM	19.80	21.92
Band41(2535-2655)	5	40065	1	#Max	64QAM	20.18	22.30
Band41(2535-2655)	5	40640	1	#Max	64QAM	20.22	22.34
Band41(2535-2655)	5	40640	1	#0	64QAM	20.23	22.35
Band41(2535-2655)	5	40065	1	#0	64QAM	20.30	22.42
Band41(2535-2655)	5	40065	1	#Mid	64QAM	20.32	22.44
Band41(2535-2655)	5	40640	1	#Mid	64QAM	20.34	22.46
Band41(2535-2655)	5	41215	1	#Max	64QAM	20.59	22.71
Band41(2535-2655)	5	41215	1	#0	64QAM	20.61	22.73
Band41(2535-2655)	5	41215	1	#Mid	64QAM	20.72	22.84
Band41(2535-2655)	5	40065	12	#Max	QPSK	21.31	23.43
Band41(2535-2655)	5	40065	25	#0	QPSK	21.31	23.43
Band41(2535-2655)	5	40065	12	#0	QPSK	21.32	23.44
Band41(2535-2655)	5	40640	12	#0	QPSK	21.35	23.47
Band41(2535-2655)	5	40640	12	#Max	QPSK	21.36	23.48
Band41(2535-2655)	5	40065	12	#Mid	QPSK	21.37	23.49
Band41(2535-2655)	5	40640	25	#0	QPSK	21.37	23.49
Band41(2535-2655)	5	40640	12	#Mid	QPSK	21.42	23.54
Band41(2535-2655)	5	41215	12	#0	QPSK	21.69	23.81
Band41(2535-2655)	5	41215	12	#Max	QPSK	21.71	23.83
Band41(2535-2655)	5	41215	25	#0	QPSK	21.73	23.85
Band41(2535-2655)	5	41215	12	#Mid	QPSK	21.76	23.88
Band41(2535-2655)	5	40065	1	#Max	QPSK	22.21	24.33
Band41(2535-2655)	5	40640	1	#Max	QPSK	22.24	24.36
Band41(2535-2655)	5	40065	1	#0	QPSK	22.26	24.38
Band41(2535-2655)	5	40640	1	#0	QPSK	22.26	24.38
Band41(2535-2655)	5	40640	1	#Mid	QPSK	22.33	24.45
Band41(2535-2655)	5	40065	1	#Mid	QPSK	22.35	24.47
Band41(2535-2655)	5	41215	1	#0	QPSK	22.62	24.74
Band41(2535-2655)	5	41215	1	#Max	QPSK	22.62	24.74
Band41(2535-2655)	5	41215	1	#Mid	QPSK	22.69	24.81
Band41(2535-2655)	10	40090	25	#0	16QAM	20.37	22.49
Band41(2535-2655)	10	40090	25	#Max	16QAM	20.37	22.49
Band41(2535-2655)	10	40090	25	#Mid	16QAM	20.39	22.51
Band41(2535-2655)	10	40090	50	#0	16QAM	20.41	22.53
Band41(2535-2655)	10	40640	25	#Max	16QAM	20.44	22.56
Band41(2535-2655)	10	40640	25	#Mid	16QAM	20.45	22.57
Band41(2535-2655)	10	40640	25	#0	16QAM	20.46	22.58
Band41(2535-2655)	10	40640	50	#0	16QAM	20.50	22.62
Band41(2535-2655)	10	41190	25	#Max	16QAM	20.75	22.87

Band41(2535-2655)	10	41190	25	#Mid	16QAM	20.80	22.92
Band41(2535-2655)	10	41190	50	#0	16QAM	20.80	22.92
Band41(2535-2655)	10	41190	25	#0	16QAM	20.82	22.94
Band41(2535-2655)	10	40090	1	#Max	16QAM	21.51	23.63
Band41(2535-2655)	10	40640	1	#Max	16QAM	21.57	23.69
Band41(2535-2655)	10	40640	1	#0	16QAM	21.59	23.71
Band41(2535-2655)	10	40090	1	#0	16QAM	21.61	23.73
Band41(2535-2655)	10	40640	1	#Mid	16QAM	21.64	23.76
Band41(2535-2655)	10	40090	1	#Mid	16QAM	21.65	23.77
Band41(2535-2655)	10	41190	1	#0	16QAM	21.86	23.98
Band41(2535-2655)	10	41190	1	#Max	16QAM	21.87	23.99
Band41(2535-2655)	10	41190	1	#Mid	16QAM	21.94	24.06
Band41(2535-2655)	10	40090	50	#0	64QAM	19.36	21.48
Band41(2535-2655)	10	40640	50	#0	64QAM	19.39	21.51
Band41(2535-2655)	10	40090	25	#0	64QAM	19.41	21.53
Band41(2535-2655)	10	40640	25	#0	64QAM	19.43	21.55
Band41(2535-2655)	10	40090	25	#Max	64QAM	19.44	21.56
Band41(2535-2655)	10	40640	25	#Max	64QAM	19.44	21.56
Band41(2535-2655)	10	40090	25	#Mid	64QAM	19.45	21.57
Band41(2535-2655)	10	40640	25	#Mid	64QAM	19.48	21.60
Band41(2535-2655)	10	41190	25	#Max	64QAM	19.80	21.92
Band41(2535-2655)	10	41190	50	#0	64QAM	19.80	21.92
Band41(2535-2655)	10	41190	25	#Mid	64QAM	19.84	21.96
Band41(2535-2655)	10	41190	25	#0	64QAM	19.86	21.98
Band41(2535-2655)	10	40640	1	#Max	64QAM	20.32	22.44
Band41(2535-2655)	10	40640	1	#0	64QAM	20.37	22.49
Band41(2535-2655)	10	40090	1	#0	64QAM	20.38	22.50
Band41(2535-2655)	10	40090	1	#Max	64QAM	20.38	22.50
Band41(2535-2655)	10	40090	1	#Mid	64QAM	20.41	22.53
Band41(2535-2655)	10	40640	1	#Mid	64QAM	20.42	22.54
Band41(2535-2655)	10	41190	1	#0	64QAM	20.66	22.78
Band41(2535-2655)	10	41190	1	#Max	64QAM	20.68	22.80
Band41(2535-2655)	10	41190	1	#Mid	64QAM	20.75	22.87
Band41(2535-2655)	10	40090	25	#Max	QPSK	21.35	23.47
Band41(2535-2655)	10	40090	25	#0	QPSK	21.36	23.48
Band41(2535-2655)	10	40090	50	#0	QPSK	21.38	23.50
Band41(2535-2655)	10	40090	25	#Mid	QPSK	21.39	23.51
Band41(2535-2655)	10	40640	25	#0	QPSK	21.43	23.55
Band41(2535-2655)	10	40640	25	#Max	QPSK	21.43	23.55
Band41(2535-2655)	10	40640	25	#Mid	QPSK	21.45	23.57
Band41(2535-2655)	10	40640	50	#0	QPSK	21.48	23.60
Band41(2535-2655)	10	41190	25	#Max	QPSK	21.71	23.83
Band41(2535-2655)	10	41190	25	#0	QPSK	21.75	23.87