



TEST REPORT

APPLICANT : Realme Chongqing Mobile
: Telecommunications Corp., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : RMX3941

BRAND NAME : realme

FCC ID : 2AUYFRMX3941

STANDARD(S) : 47 CFR Part 22, Subpart H
: 47 CFR Part 24, Subpart E
: 47 CFR Part 27, Subpart F&L&M

RECEIPT DATE : 2024-10-16

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Change History		
Version	Date	Reason for change
1.0	2024-11-11	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Applicant Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Manufacturer:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Sample No.:	2#, 10#	
Hardware Version:	11	
Software Version:	realme UI 5.0	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 13 / 26 / 38 / 41 / 66	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
LTE Band 26	Tx: 824MHz–849MHz	
	Rx: 869MHz–894MHz	
LTE Band 38	Tx: 2570MHz–2620MHz	
	Rx: 2570MHz–2620MHz	
LTE Band 41	Tx: 2535MHz –2655MHz	



		Rx: 2535MHz –2655MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Inverted F Antenna	
Antenna Gain:	LTE Band 2	ANT0: -6.60dBi; ANT1: -6.00dBi
	LTE Band 4	ANT0: -5.90dBi; ANT1: -6.80dBi
	LTE Band 5	ANT0: -8.40dBi; ANT1: -10.00dBi
	LTE Band 7	ANT0: -6.20dBi; ANT1: -5.70dBi
	LTE Band 13	ANT0: -9.60dBi; ANT1: -11.00dBi
	LTE Band 26	ANT0: -8.40dBi; ANT1: -10.00dBi
	LTE Band 38	ANT0: -6.80dBi; ANT1: -5.70dBi
	LTE Band 41	ANT0: -6.80dBi; ANT1: -5.70dBi
	LTE Band 66	ANT0: -5.90dBi; ANT1: -6.80dBi
Accessory Information:	Battery	
	Brand Name:	SUPERVOOC
	Model No.:	BLPB61
	Serial No.:	N/A
	Capacity:	Typical: 5828mAh, Rated: 5660mAh
	Rated Voltage:	3.92V
	Charge Limit:	4.53V
	Manufacturer:	Sunwoda Electronic Co., Ltd.
	AC Adapter 1	
	Brand Name:	SUPERVOOC
	Model No.:	VCB4JAUH
	Serial No.:	N/A
	Rated Output:	5V=2A or 5V-11V=4.1A Max
	Rated Input:	100-240V~50/60Hz, 1.5A



	Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.
	AC Adapter 2	
	Brand Name:	SUPERVOOC
	Model No.:	VCB4JAUH
	Serial No.:	N/A
	Rated Output:	5V=2A or 5V-11V=4.1A Max
	Rated Input:	100-240V~50/60Hz, 1.5A
	Manufacturer:	Jiangsu Chenyang Electron Co.,Ltd.
	USB Cable	
	Model No.:	DL154

Note 1: SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

Note 2: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

LTE Band 2		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.042	0.036	0.028	17M9G7D	17M9W7D	17M9W7D	
15	0.041	0.035	0.028	13M4G7D	13M4W7D	13M4W7D	
10	0.040	0.035	0.027	8M95G7D	8M94W7D	8M95W7D	
5	0.039	0.034	0.027	4M47G7D	4M47W7D	4M48W7D	
3	0.039	0.033	0.026	2M69G7D	2M70W7D	2M70W7D	
1.4	0.038	0.033	0.026	1M10G7D	1M10W7D	1M10W7D	
LTE Band 4		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.043	0.035	0.028	17M9G7D	17M9W7D	17M9W7D	
15	0.044	0.034	0.028	13M4G7D	13M4W7D	13M4W7D	
10	0.043	0.034	0.027	8M96G7D	8M93W7D	8M94W7D	
5	0.043	0.033	0.027	4M47G7D	4M48W7D	4M48W7D	
3	0.042	0.032	0.027	2M69G7D	2M69W7D	2M70W7D	
1.4	0.042	0.033	0.027	1M10G7D	1M10W7D	1M10W7D	
LTE Band 5		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.020	0.017	0.014	8M96G7D	8M94W7D	8M95W7D	
5	0.019	0.016	0.013	4M47G7D	4M47W7D	4M48W7D	
3	0.019	0.016	0.013	2M69G7D	2M70W7D	2M70W7D	
1.4	0.019	0.015	0.013	1M10G7D	1M10W7D	1M10W7D	
LTE Band 7		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.046	0.037	0.030	17M9G7D	17M9W7D	17M9W7D	
15	0.044	0.036	0.029	13M4G7D	13M4W7D	13M4W7D	
10	0.043	0.035	0.029	8M94G7D	8M93W7D	8M94W7D	
5	0.043	0.035	0.028	4M47G7D	4M47W7D	4M49W7D	
LTE Band 13		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.014	0.012	0.009	8M96G7D	8M93W7D	8M94W7D	
5	0.011	0.009	0.008	4M48G7D	4M48W7D	4M50W7D	



LTE Band 26		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
15	0.020	0.017	0.012	13M4G7D	13M4W7D	13M4W7D	
10	0.019	0.016	0.012	8M96G7D	8M93W7D	8M94W7D	
5	0.020	0.016	0.012	4M48G7D	4M47W7D	4M48W7D	
3	0.019	0.015	0.012	2M69G7D	2M70W7D	2M70W7D	
1.4	0.020	0.017	0.013	1M09G7D	1M10W7D	1M10W7D	
LTE Band 38		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.051	0.042	0.033	17M9G7D	17M9W7D	17M9W7D	
15	0.050	0.041	0.033	13M4G7D	13M4W7D	13M4W7D	
10	0.049	0.040	0.032	8M95G7D	8M94W7D	8M93W7D	
5	0.048	0.039	0.031	4M47G7D	4M47W7D	4M48W7D	
LTE Band 41		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.053	0.047	0.037	17M9G7D	17M9W7D	17M9W7D	
15	0.051	0.045	0.035	13M4G7D	13M4W7D	13M4W7D	
10	0.050	0.044	0.035	8M95G7D	8M94W7D	8M94W7D	
5	0.049	0.043	0.034	4M48G7D	4M47W7D	4M48W7D	
LTE Band 66		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.049	0.045	0.036	17M9G7D	17M9W7D	17M9W7D	
15	0.047	0.045	0.035	13M4G7D	13M4W7D	13M4W7D	
10	0.046	0.044	0.035	8M96G7D	8M93W7D	8M94W7D	
5	0.046	0.043	0.034	4M47G7D	4M48W7D	4M48W7D	
3	0.045	0.041	0.033	2M69G7D	2M69W7D	2M70W7D	
1.4	0.044	0.036	0.030	1M10G7D	1M10W7D	1M10W7D	



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24, Part 27 for the EUT FCC ID Certification:

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22	Public Mobile Services
3	47 CFR Part 24	Personal Communications Services
4	47 CFR Part 27	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Nov. 05, 2024	Chen Hao Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Nov. 05, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Nov. 05, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Nov. 05, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Nov. 05, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2)	Band Edge	Oct. 18, 2024 Nov. 05, 2024	Gan Jing	PASS	No deviation



27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Oct. 28&29, 2024	Zhong Xiangyun	PASS	No deviation

Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

Note 3: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 F&L&M Requirements

2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.

2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

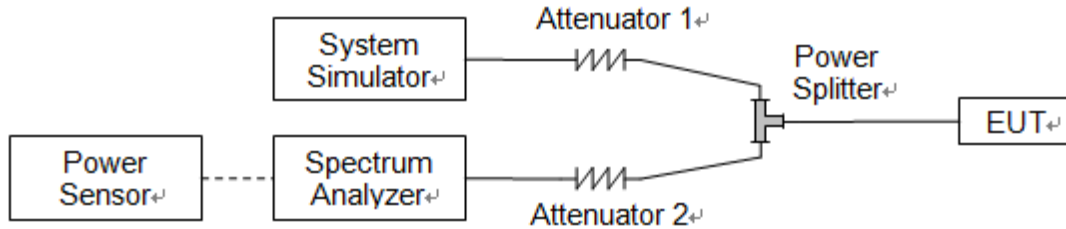
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

According to FCC section22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

2.1.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.1.3. Test Procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

E.I.R.P. (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15



2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.18	22.25	22.16
20	QPSK	1	49	22.14	22.16	22.09
20	QPSK	1	99	22.06	22.13	22.10
20	QPSK	50	0	21.28	21.35	21.30
20	QPSK	50	24	21.24	21.18	21.16
20	QPSK	50	50	21.21	21.24	21.17
20	QPSK	100	0	21.24	21.25	21.14
20	16QAM	1	0	21.51	21.42	21.25
20	16QAM	1	49	21.39	21.48	21.43
20	16QAM	1	99	21.49	21.26	21.53
20	16QAM	50	0	20.20	20.15	20.19
20	16QAM	50	24	20.41	20.26	20.25
20	16QAM	50	50	20.28	20.31	20.33
20	16QAM	100	0	20.26	20.28	20.24
20	64QAM	1	0	20.36	20.50	20.45
20	64QAM	1	49	20.39	20.43	20.33
20	64QAM	1	99	20.49	20.37	20.19
20	64QAM	50	0	20.34	20.23	20.23
20	64QAM	50	24	20.17	20.18	20.25
20	64QAM	50	50	20.30	20.23	20.28
20	64QAM	100	0	20.22	20.25	20.24



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.05	22.07	22.10
15	QPSK	1	37	21.93	21.95	21.88
15	QPSK	1	74	21.85	21.92	21.89
15	QPSK	36	0	21.21	21.28	21.23
15	QPSK	36	20	21.17	21.11	21.09
15	QPSK	36	39	21.14	21.17	21.10
15	QPSK	75	0	21.17	21.18	21.07
15	16QAM	1	0	21.44	21.35	21.18
15	16QAM	1	37	21.32	21.41	21.36
15	16QAM	1	74	21.42	21.19	21.46
15	16QAM	36	0	20.13	20.08	20.12
15	16QAM	36	20	20.34	20.19	20.18
15	16QAM	36	39	20.21	20.24	20.26
15	16QAM	75	0	20.19	20.21	20.17
15	64QAM	1	0	20.29	20.43	20.38
15	64QAM	1	37	20.32	20.36	20.26
15	64QAM	1	74	20.42	20.30	20.12
15	64QAM	36	0	20.27	20.16	20.16
15	64QAM	36	20	20.10	20.11	20.18
15	64QAM	36	39	20.23	20.16	20.21
15	64QAM	75	0	20.15	20.18	20.17



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	21.98	22.00	22.03
10	QPSK	1	25	21.86	21.88	21.81
10	QPSK	1	49	21.78	21.85	21.82
10	QPSK	25	0	21.14	21.21	21.16
10	QPSK	25	12	21.10	21.04	21.02
10	QPSK	25	25	21.07	21.10	21.03
10	QPSK	50	0	21.10	21.11	21.00
10	16QAM	1	0	21.37	21.28	21.11
10	16QAM	1	25	21.25	21.34	21.29
10	16QAM	1	49	21.35	21.12	21.39
10	16QAM	25	0	20.06	20.01	20.05
10	16QAM	25	12	20.27	20.12	20.11
10	16QAM	25	25	20.14	20.17	20.19
10	16QAM	50	0	20.12	20.14	20.10
10	64QAM	1	0	20.22	20.36	20.31
10	64QAM	1	25	20.25	20.29	20.19
10	64QAM	1	49	20.35	20.23	20.05
10	64QAM	25	0	20.20	20.09	20.09
10	64QAM	25	12	20.03	20.04	20.11
10	64QAM	25	25	20.16	20.09	20.14
10	64QAM	50	0	20.08	20.11	20.10



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	21.91	21.93	21.96
5	QPSK	1	12	21.79	21.81	21.74
5	QPSK	1	24	21.71	21.78	21.75
5	QPSK	12	0	21.07	21.14	21.09
5	QPSK	12	7	21.03	20.97	20.95
5	QPSK	12	13	21.00	21.03	20.96
5	QPSK	25	0	21.03	21.04	20.93
5	16QAM	1	0	21.30	21.21	21.04
5	16QAM	1	12	21.18	21.27	21.22
5	16QAM	1	24	21.28	21.05	21.32
5	16QAM	12	0	20.05	20.00	20.04
5	16QAM	12	7	20.26	20.11	20.10
5	16QAM	12	13	20.13	20.16	20.18
5	16QAM	25	0	20.11	20.13	20.09
5	64QAM	1	0	20.15	20.29	20.24
5	64QAM	1	12	20.18	20.22	20.12
5	64QAM	1	24	20.28	20.16	20.14
5	64QAM	12	0	20.19	20.08	20.08
5	64QAM	12	7	20.02	20.03	20.10
5	64QAM	12	13	20.15	20.08	20.13
5	64QAM	25	0	20.07	20.10	20.09



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	21.84	21.86	21.89
3	QPSK	1	8	21.72	21.74	21.67
3	QPSK	1	14	21.64	21.71	21.68
3	QPSK	8	0	21.00	21.07	21.02
3	QPSK	8	4	20.96	20.90	20.88
3	QPSK	8	7	20.93	20.96	20.89
3	QPSK	15	0	20.96	20.97	20.86
3	16QAM	1	0	21.13	21.14	20.97
3	16QAM	1	8	21.11	21.11	21.15
3	16QAM	1	14	21.13	21.11	21.14
3	16QAM	8	0	19.92	19.87	19.91
3	16QAM	8	4	20.13	19.98	19.97
3	16QAM	8	7	20.00	20.03	20.05
3	16QAM	15	0	19.98	20.00	19.96
3	64QAM	1	0	20.08	20.22	20.17
3	64QAM	1	8	20.11	20.15	20.05
3	64QAM	1	14	20.21	20.09	19.91
3	64QAM	8	0	20.06	19.95	19.95
3	64QAM	8	4	19.89	19.90	19.97
3	64QAM	8	7	20.02	19.95	20.00
3	64QAM	15	0	19.94	19.97	19.96



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	21.77	21.79	21.82
1.4	QPSK	1	3	21.65	21.67	21.60
1.4	QPSK	1	5	21.57	21.64	21.61
1.4	QPSK	3	0	20.93	21.00	20.95
1.4	QPSK	3	1	20.89	20.83	20.81
1.4	QPSK	3	3	20.86	20.89	20.82
1.4	QPSK	6	0	20.89	20.90	20.79
1.4	16QAM	1	0	21.16	21.07	20.90
1.4	16QAM	1	3	21.04	21.13	21.08
1.4	16QAM	1	5	21.06	20.91	21.05
1.4	16QAM	3	0	19.85	19.80	19.84
1.4	16QAM	3	1	20.06	19.91	19.90
1.4	16QAM	3	3	19.93	19.96	19.98
1.4	16QAM	6	0	19.91	19.93	19.89
1.4	64QAM	1	0	20.01	20.15	20.10
1.4	64QAM	1	3	20.04	20.08	19.98
1.4	64QAM	1	5	20.14	20.02	19.84
1.4	64QAM	3	0	19.99	19.88	19.88
1.4	64QAM	3	1	19.82	19.83	19.90
1.4	64QAM	3	3	19.95	19.88	19.93
1.4	64QAM	6	0	19.87	19.90	19.89



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.20	22.18	22.14
20	QPSK	1	49	22.16	22.17	22.18
20	QPSK	1	99	22.08	22.10	22.13
20	QPSK	50	0	21.39	21.46	21.50
20	QPSK	50	24	21.20	21.23	21.24
20	QPSK	50	50	21.17	21.20	21.26
20	QPSK	100	0	21.14	21.23	21.18
20	16QAM	1	0	20.87	21.12	21.18
20	16QAM	1	49	21.12	21.18	21.03
20	16QAM	1	99	21.19	21.18	21.29
20	16QAM	50	0	20.25	20.21	20.26
20	16QAM	50	24	20.28	20.17	20.21
20	16QAM	50	50	20.33	20.19	20.20
20	16QAM	100	0	20.25	20.24	20.22
20	64QAM	1	0	20.37	20.31	20.35
20	64QAM	1	49	20.17	20.19	20.35
20	64QAM	1	99	20.27	20.28	20.39
20	64QAM	50	0	20.19	20.16	20.17
20	64QAM	50	24	20.18	20.20	20.33
20	64QAM	50	50	20.22	20.19	20.37
20	64QAM	100	0	20.20	20.17	20.28



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.26	22.29	22.25
15	QPSK	1	37	22.10	22.11	22.12
15	QPSK	1	74	22.02	22.04	22.07
15	QPSK	36	0	21.33	21.40	21.44
15	QPSK	36	20	21.14	21.17	21.18
15	QPSK	36	39	21.11	21.14	21.20
15	QPSK	75	0	21.08	21.17	21.12
15	16QAM	1	0	20.81	21.06	21.12
15	16QAM	1	37	21.06	21.12	20.97
15	16QAM	1	74	21.13	21.12	21.23
15	16QAM	36	0	20.19	20.15	20.20
15	16QAM	36	20	20.22	20.11	20.15
15	16QAM	36	39	20.27	20.13	20.14
15	16QAM	75	0	20.19	20.18	20.16
15	64QAM	1	0	20.31	20.25	20.29
15	64QAM	1	37	20.11	20.13	20.29
15	64QAM	1	74	20.21	20.22	20.33
15	64QAM	36	0	20.13	20.10	20.11
15	64QAM	36	20	20.12	20.14	20.27
15	64QAM	36	39	20.16	20.13	20.31
15	64QAM	75	0	20.14	20.11	20.22



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.22	22.25	22.21
10	QPSK	1	25	22.06	22.07	22.08
10	QPSK	1	49	21.98	22.00	22.03
10	QPSK	25	0	21.29	21.36	21.40
10	QPSK	25	12	21.10	21.13	21.14
10	QPSK	25	25	21.07	21.10	21.16
10	QPSK	50	0	21.04	21.13	21.08
10	16QAM	1	0	20.77	21.02	21.08
10	16QAM	1	25	21.02	21.08	20.93
10	16QAM	1	49	21.09	21.08	21.19
10	16QAM	25	0	20.15	20.11	20.16
10	16QAM	25	12	20.18	20.07	20.11
10	16QAM	25	25	20.23	20.09	20.10
10	16QAM	50	0	20.15	20.14	20.12
10	64QAM	1	0	20.27	20.21	20.25
10	64QAM	1	25	20.07	20.09	20.25
10	64QAM	1	49	20.17	20.18	20.29
10	64QAM	25	0	20.09	20.06	20.07
10	64QAM	25	12	20.08	20.10	20.23
10	64QAM	25	25	20.12	20.09	20.27
10	64QAM	50	0	20.10	20.07	20.18



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.17	22.20	22.16
5	QPSK	1	12	22.01	22.02	22.03
5	QPSK	1	24	21.93	21.95	21.98
5	QPSK	12	0	21.24	21.31	21.35
5	QPSK	12	7	21.05	21.08	21.09
5	QPSK	12	13	21.02	21.05	21.11
5	QPSK	25	0	20.99	21.08	21.03
5	16QAM	1	0	20.72	20.97	21.03
5	16QAM	1	12	20.97	21.03	20.88
5	16QAM	1	24	21.04	21.03	21.14
5	16QAM	12	0	20.10	20.06	20.11
5	16QAM	12	7	20.13	20.02	20.06
5	16QAM	12	13	20.18	20.04	20.05
5	16QAM	25	0	20.10	20.09	20.07
5	64QAM	1	0	20.22	20.16	20.20
5	64QAM	1	12	20.02	20.04	20.20
5	64QAM	1	24	20.12	20.13	20.24
5	64QAM	12	0	20.04	20.01	20.02
5	64QAM	12	7	20.03	20.05	20.18
5	64QAM	12	13	20.07	20.04	20.22
5	64QAM	25	0	20.05	20.02	20.13



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.12	22.15	22.11
3	QPSK	1	8	21.96	21.97	21.98
3	QPSK	1	14	21.88	21.90	21.93
3	QPSK	8	0	21.19	21.26	21.30
3	QPSK	8	4	21.00	21.03	21.04
3	QPSK	8	7	20.97	21.00	21.06
3	QPSK	15	0	20.94	21.03	20.98
3	16QAM	1	0	20.67	20.92	20.98
3	16QAM	1	8	20.92	20.98	20.83
3	16QAM	1	14	20.99	20.98	21.00
3	16QAM	8	0	20.05	20.01	20.06
3	16QAM	8	4	20.08	19.97	20.01
3	16QAM	8	7	20.13	19.99	20.00
3	16QAM	15	0	20.05	20.04	20.02
3	64QAM	1	0	20.17	20.11	20.15
3	64QAM	1	8	19.97	19.99	20.15
3	64QAM	1	14	20.07	20.08	20.19
3	64QAM	8	0	19.99	19.96	19.97
3	64QAM	8	4	19.98	20.00	20.13
3	64QAM	8	7	20.02	19.99	20.17
3	64QAM	15	0	20.00	19.97	20.08



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.07	22.10	22.06
1.4	QPSK	1	3	21.91	21.92	21.93
1.4	QPSK	1	5	21.83	21.85	21.88
1.4	QPSK	3	0	21.14	21.21	21.25
1.4	QPSK	3	1	20.95	20.98	20.99
1.4	QPSK	3	3	20.92	20.95	21.01
1.4	QPSK	6	0	20.89	20.98	20.93
1.4	16QAM	1	0	20.62	20.87	20.93
1.4	16QAM	1	3	20.87	20.93	20.78
1.4	16QAM	1	5	20.94	20.93	21.04
1.4	16QAM	3	0	20.00	19.96	20.01
1.4	16QAM	3	1	20.03	19.92	19.96
1.4	16QAM	3	3	20.08	19.94	19.95
1.4	16QAM	6	0	20.00	19.99	19.97
1.4	64QAM	1	0	20.12	20.06	20.10
1.4	64QAM	1	3	19.92	19.94	20.10
1.4	64QAM	1	5	20.02	20.03	20.14
1.4	64QAM	3	0	19.94	19.91	19.92
1.4	64QAM	3	1	19.93	19.95	20.08
1.4	64QAM	3	3	19.97	19.94	20.12
1.4	64QAM	6	0	19.95	19.92	20.03



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.56	23.61	23.60
10	QPSK	1	25	23.52	23.53	23.54
10	QPSK	1	49	23.44	23.46	23.49
10	QPSK	25	0	22.82	22.83	22.87
10	QPSK	25	12	22.74	22.77	22.78
10	QPSK	25	25	22.71	22.74	22.80
10	QPSK	50	0	22.68	22.77	22.72
10	16QAM	1	0	22.41	22.66	22.72
10	16QAM	1	25	22.66	22.72	22.57
10	16QAM	1	49	22.73	22.72	22.83
10	16QAM	25	0	21.79	21.75	21.80
10	16QAM	25	12	21.82	21.71	21.75
10	16QAM	25	25	21.87	21.73	21.74
10	16QAM	50	0	21.79	21.78	21.76
10	64QAM	1	0	21.91	21.85	21.89
10	64QAM	1	25	21.71	21.73	21.89
10	64QAM	1	49	21.81	21.82	21.93
10	64QAM	25	0	21.73	21.70	21.71
10	64QAM	25	12	21.72	21.74	21.87
10	64QAM	25	25	21.76	21.73	21.91
10	64QAM	50	0	21.74	21.71	21.82



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.40	23.36	23.38
5	QPSK	1	12	23.34	23.35	23.36
5	QPSK	1	24	23.26	23.28	23.31
5	QPSK	12	0	22.64	22.65	22.69
5	QPSK	12	7	22.56	22.59	22.60
5	QPSK	12	13	22.53	22.56	22.62
5	QPSK	25	0	22.50	22.59	22.54
5	16QAM	1	0	22.23	22.48	22.54
5	16QAM	1	12	22.48	22.54	22.39
5	16QAM	1	24	22.55	22.54	22.65
5	16QAM	12	0	21.61	21.57	21.62
5	16QAM	12	7	21.64	21.53	21.57
5	16QAM	12	13	21.69	21.55	21.56
5	16QAM	25	0	21.61	21.60	21.58
5	64QAM	1	0	21.73	21.67	21.71
5	64QAM	1	12	21.53	21.55	21.71
5	64QAM	1	24	21.63	21.64	21.75
5	64QAM	12	0	21.55	21.52	21.53
5	64QAM	12	7	21.54	21.56	21.69
5	64QAM	12	13	21.58	21.55	21.73
5	64QAM	25	0	21.56	21.53	21.64



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.33	23.29	23.31
3	QPSK	1	8	23.27	23.28	23.29
3	QPSK	1	14	23.19	23.21	23.24
3	QPSK	8	0	22.57	22.58	22.62
3	QPSK	8	4	22.49	22.52	22.53
3	QPSK	8	7	22.46	22.49	22.55
3	QPSK	15	0	22.43	22.52	22.47
3	16QAM	1	0	22.16	22.41	22.47
3	16QAM	1	8	22.41	22.47	22.32
3	16QAM	1	14	22.48	22.47	22.58
3	16QAM	8	0	21.54	21.50	21.55
3	16QAM	8	4	21.57	21.46	21.50
3	16QAM	8	7	21.62	21.48	21.49
3	16QAM	15	0	21.54	21.53	21.51
3	64QAM	1	0	21.66	21.60	21.64
3	64QAM	1	8	21.46	21.48	21.64
3	64QAM	1	14	21.56	21.57	21.68
3	64QAM	8	0	21.48	21.45	21.46
3	64QAM	8	4	21.47	21.49	21.62
3	64QAM	8	7	21.51	21.48	21.66
3	64QAM	15	0	21.49	21.46	21.57



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.26	23.22	23.24
1.4	QPSK	1	3	23.20	23.21	23.22
1.4	QPSK	1	5	23.12	23.14	23.17
1.4	QPSK	3	0	22.50	22.51	22.55
1.4	QPSK	3	1	22.42	22.45	22.46
1.4	QPSK	3	3	22.39	22.42	22.48
1.4	QPSK	6	0	22.36	22.45	22.40
1.4	16QAM	1	0	22.09	22.34	22.40
1.4	16QAM	1	3	22.34	22.40	22.25
1.4	16QAM	1	5	22.41	22.40	22.43
1.4	16QAM	3	0	21.47	21.43	21.48
1.4	16QAM	3	1	21.50	21.39	21.43
1.4	16QAM	3	3	21.55	21.41	21.42
1.4	16QAM	6	0	21.47	21.46	21.44
1.4	64QAM	1	0	21.59	21.53	21.57
1.4	64QAM	1	3	21.39	21.41	21.57
1.4	64QAM	1	5	21.49	21.50	21.61
1.4	64QAM	3	0	21.41	21.38	21.39
1.4	64QAM	3	1	21.40	21.42	21.55
1.4	64QAM	3	3	21.44	21.41	21.59
1.4	64QAM	6	0	21.42	21.39	21.50



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.33	22.24	22.26
20	QPSK	1	49	22.21	22.22	22.23
20	QPSK	1	99	22.13	22.15	22.18
20	QPSK	50	0	21.35	21.26	21.34
20	QPSK	50	24	21.29	21.32	21.33
20	QPSK	50	50	21.26	21.29	21.35
20	QPSK	100	0	21.23	21.32	21.27
20	16QAM	1	0	20.96	21.21	21.27
20	16QAM	1	49	21.21	21.27	21.12
20	16QAM	1	99	21.28	21.27	21.38
20	16QAM	50	0	20.34	20.30	20.35
20	16QAM	50	24	20.37	20.26	20.30
20	16QAM	50	50	20.42	20.28	20.29
20	16QAM	100	0	20.34	20.33	20.31
20	64QAM	1	0	20.46	20.40	20.44
20	64QAM	1	49	20.26	20.28	20.44
20	64QAM	1	99	20.36	20.37	20.48
20	64QAM	50	0	20.28	20.25	20.26
20	64QAM	50	24	20.27	20.29	20.42
20	64QAM	50	50	20.31	20.28	20.46
20	64QAM	100	0	20.29	20.26	20.37



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.10	22.12	22.07
15	QPSK	1	37	22.05	22.06	22.07
15	QPSK	1	74	21.97	21.99	22.02
15	QPSK	36	0	21.19	21.10	21.18
15	QPSK	36	20	21.13	21.16	21.17
15	QPSK	36	39	21.10	21.13	21.19
15	QPSK	75	0	21.07	21.16	21.11
15	16QAM	1	0	20.80	21.05	21.11
15	16QAM	1	37	21.05	21.11	20.96
15	16QAM	1	74	21.12	21.11	21.22
15	16QAM	36	0	20.18	20.14	20.19
15	16QAM	36	20	20.21	20.10	20.14
15	16QAM	36	39	20.26	20.12	20.13
15	16QAM	75	0	20.18	20.17	20.15
15	64QAM	1	0	20.30	20.24	20.28
15	64QAM	1	37	20.10	20.12	20.28
15	64QAM	1	74	20.20	20.21	20.32
15	64QAM	36	0	20.12	20.09	20.10
15	64QAM	36	20	20.11	20.13	20.26
15	64QAM	36	39	20.15	20.12	20.30
15	64QAM	75	0	20.13	20.10	20.21



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.04	22.06	22.01
10	QPSK	1	25	21.99	22.00	22.01
10	QPSK	1	49	21.91	21.93	21.96
10	QPSK	25	0	21.13	21.04	21.12
10	QPSK	25	12	21.07	21.10	21.11
10	QPSK	25	25	21.04	21.07	21.13
10	QPSK	50	0	21.01	21.10	21.05
10	16QAM	1	0	20.96	20.99	21.05
10	16QAM	1	25	20.99	21.05	20.90
10	16QAM	1	49	21.06	21.05	21.16
10	16QAM	25	0	20.12	20.08	20.13
10	16QAM	25	12	20.15	20.04	20.08
10	16QAM	25	25	20.20	20.06	20.07
10	16QAM	50	0	20.12	20.11	20.09
10	64QAM	1	0	20.24	20.18	20.22
10	64QAM	1	25	20.04	20.06	20.22
10	64QAM	1	49	20.14	20.15	20.26
10	64QAM	25	0	20.06	20.03	20.04
10	64QAM	25	12	20.05	20.07	20.20
10	64QAM	25	25	20.09	20.06	20.24
10	64QAM	50	0	20.07	20.04	20.15



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	21.98	22.00	21.95
5	QPSK	1	12	21.93	21.94	21.95
5	QPSK	1	24	21.85	21.87	21.90
5	QPSK	12	0	21.07	20.98	21.06
5	QPSK	12	7	21.01	21.04	21.05
5	QPSK	12	13	20.98	21.01	21.07
5	QPSK	25	0	20.95	21.04	20.99
5	16QAM	1	0	20.76	20.93	20.99
5	16QAM	1	12	20.93	20.99	20.84
5	16QAM	1	24	21.00	20.99	21.10
5	16QAM	12	0	20.06	20.02	20.07
5	16QAM	12	7	20.09	19.98	20.02
5	16QAM	12	13	20.14	20.00	20.01
5	16QAM	25	0	20.06	20.05	20.03
5	64QAM	1	0	20.18	20.12	20.16
5	64QAM	1	12	19.98	20.00	20.16
5	64QAM	1	24	20.08	20.09	20.20
5	64QAM	12	0	20.00	19.97	19.98
5	64QAM	12	7	19.99	20.01	20.14
5	64QAM	12	13	20.03	20.00	20.18
5	64QAM	25	0	20.01	19.98	20.09



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.32	/
10	QPSK	1	25	/	23.26	/
10	QPSK	1	49	/	23.23	/
10	QPSK	25	0	/	22.26	/
10	QPSK	25	12	/	22.19	/
10	QPSK	25	25	/	22.20	/
10	QPSK	50	0	/	22.21	/
10	16QAM	1	0	/	22.36	/
10	16QAM	1	25	/	22.33	/
10	16QAM	1	49	/	22.44	/
10	16QAM	25	0	/	21.30	/
10	16QAM	25	12	/	21.30	/
10	16QAM	25	25	/	21.22	/
10	16QAM	50	0	/	21.26	/
10	64QAM	1	0	/	21.38	/
10	64QAM	1	25	/	21.47	/
10	64QAM	1	49	/	21.41	/
10	64QAM	25	0	/	21.28	/
10	64QAM	25	12	/	21.25	/
10	64QAM	25	25	/	21.29	/
10	64QAM	50	0	/	21.20	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	22.34	22.27	22.23
5	QPSK	1	12	22.24	22.20	22.26
5	QPSK	1	24	22.11	22.08	22.17
5	QPSK	12	0	21.34	21.30	21.31
5	QPSK	12	7	21.29	21.26	21.29
5	QPSK	12	13	21.28	21.26	21.20
5	QPSK	25	0	21.20	21.26	21.20
5	16QAM	1	0	21.43	21.44	21.43
5	16QAM	1	12	21.34	21.40	21.34
5	16QAM	1	24	21.47	21.44	21.45
5	16QAM	12	0	20.34	20.35	20.37
5	16QAM	12	7	20.30	20.31	20.33
5	16QAM	12	13	20.23	20.26	20.29
5	16QAM	25	0	20.32	20.25	20.32
5	64QAM	1	0	20.45	20.39	20.45
5	64QAM	1	12	20.47	20.52	20.54
5	64QAM	1	24	20.40	20.43	20.40
5	64QAM	12	0	20.36	20.36	20.27
5	64QAM	12	7	20.29	20.24	20.31
5	64QAM	12	13	20.36	20.34	20.31
5	64QAM	25	0	20.23	20.26	20.25



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.15	23.14	23.17
15	QPSK	1	37	23.41	23.46	23.37
15	QPSK	1	74	23.19	23.21	23.12
15	QPSK	36	0	22.42	22.44	22.44
15	QPSK	36	20	22.19	22.42	22.07
15	QPSK	36	39	22.20	22.34	22.34
15	QPSK	75	0	22.31	22.38	22.40
15	16QAM	1	0	22.31	22.18	22.53
15	16QAM	1	37	22.23	22.37	22.75
15	16QAM	1	74	22.05	22.09	22.54
15	16QAM	36	0	21.35	21.38	21.37
15	16QAM	36	20	21.36	21.34	21.42
15	16QAM	36	39	21.33	21.28	21.35
15	16QAM	75	0	21.40	21.37	21.41
15	64QAM	1	0	20.84	20.84	21.43
15	64QAM	1	37	21.21	21.23	21.46
15	64QAM	1	74	20.96	20.80	21.27
15	64QAM	36	0	20.27	20.44	20.39
15	64QAM	36	20	20.30	20.36	20.23
15	64QAM	36	39	20.24	20.26	20.21
15	64QAM	75	0	20.39	20.29	20.39



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.13	23.26	23.20
10	QPSK	1	25	23.37	23.40	23.39
10	QPSK	1	49	23.18	23.25	23.27
10	QPSK	25	0	22.45	22.19	22.49
10	QPSK	25	12	22.40	22.15	22.41
10	QPSK	25	25	22.41	22.10	22.31
10	QPSK	50	0	22.41	22.42	22.40
10	16QAM	1	0	22.55	22.17	22.33
10	16QAM	1	25	22.68	22.46	22.31
10	16QAM	1	49	22.58	22.22	22.12
10	16QAM	25	0	21.43	21.47	21.35
10	16QAM	25	12	21.39	21.34	21.45
10	16QAM	25	25	21.42	21.31	21.35
10	16QAM	50	0	21.38	21.33	21.43
10	64QAM	1	0	21.45	21.34	21.46
10	64QAM	1	25	21.48	21.40	21.32
10	64QAM	1	49	21.50	21.33	21.21
10	64QAM	25	0	20.44	20.38	20.52
10	64QAM	25	12	20.45	20.40	20.44
10	64QAM	25	25	20.41	20.35	20.36
10	64QAM	50	0	20.44	20.43	20.39



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.20	23.19	23.14
5	QPSK	1	12	23.49	23.51	23.49
5	QPSK	1	24	23.18	23.16	23.12
5	QPSK	12	0	22.40	22.43	22.45
5	QPSK	12	7	22.45	22.44	22.44
5	QPSK	12	13	22.39	22.32	22.36
5	QPSK	25	0	22.37	22.38	22.41
5	16QAM	1	0	22.23	22.20	22.11
5	16QAM	1	12	22.52	22.36	22.25
5	16QAM	1	24	22.18	22.13	22.05
5	16QAM	12	0	21.40	21.40	21.28
5	16QAM	12	7	21.40	21.44	21.35
5	16QAM	12	13	21.39	21.35	21.24
5	16QAM	25	0	21.24	21.41	21.38
5	64QAM	1	0	21.22	20.82	20.88
5	64QAM	1	12	21.31	21.26	21.17
5	64QAM	1	24	21.19	20.87	21.00
5	64QAM	12	0	20.44	20.47	20.34
5	64QAM	12	7	20.37	20.50	20.36
5	64QAM	12	13	20.45	20.39	20.35
5	64QAM	25	0	20.40	20.39	20.29



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.32	23.24	23.33
3	QPSK	1	8	23.37	23.28	23.34
3	QPSK	1	14	23.33	23.25	23.27
3	QPSK	8	0	22.40	22.41	22.39
3	QPSK	8	4	22.41	22.42	22.42
3	QPSK	8	7	22.42	22.38	22.40
3	QPSK	15	0	22.26	22.33	22.23
3	16QAM	1	0	22.30	22.25	22.11
3	16QAM	1	8	22.25	22.25	22.13
3	16QAM	1	14	22.18	22.17	22.16
3	16QAM	8	0	21.44	21.47	21.47
3	16QAM	8	4	21.43	21.42	21.46
3	16QAM	8	7	21.45	21.32	21.44
3	16QAM	15	0	21.30	21.32	21.30
3	64QAM	1	0	20.83	21.28	21.09
3	64QAM	1	8	21.22	21.27	21.11
3	64QAM	1	14	21.16	21.17	21.09
3	64QAM	8	0	20.50	20.48	20.31
3	64QAM	8	4	20.37	20.47	20.28
3	64QAM	8	7	20.35	20.43	20.34
3	64QAM	15	0	20.37	20.41	20.41



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.29	23.29	23.26
1.4	QPSK	1	3	23.38	23.34	23.36
1.4	QPSK	1	5	23.21	23.25	23.17
1.4	QPSK	3	0	23.21	23.15	23.36
1.4	QPSK	3	1	23.48	23.41	23.39
1.4	QPSK	3	3	23.43	23.12	23.34
1.4	QPSK	6	0	22.32	22.29	22.27
1.4	16QAM	1	0	22.77	22.58	22.52
1.4	16QAM	1	3	21.68	22.72	22.56
1.4	16QAM	1	5	22.82	22.60	22.46
1.4	16QAM	3	0	22.45	22.36	22.25
1.4	16QAM	3	1	22.47	22.38	22.27
1.4	16QAM	3	3	22.38	22.34	22.21
1.4	16QAM	6	0	20.61	21.49	21.44
1.4	64QAM	1	0	21.61	21.52	21.39
1.4	64QAM	1	3	21.64	21.49	21.47
1.4	64QAM	1	5	21.14	21.49	21.39
1.4	64QAM	3	0	21.53	21.47	21.47
1.4	64QAM	3	1	21.64	21.56	21.48
1.4	64QAM	3	3	21.66	21.46	21.48
1.4	64QAM	6	0	20.42	20.36	20.19



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.75	22.76	22.70
20	QPSK	1	49	22.63	22.71	22.60
20	QPSK	1	99	22.75	22.72	22.54
20	QPSK	50	0	22.19	22.24	22.22
20	QPSK	50	24	22.05	22.06	21.92
20	QPSK	50	50	22.02	21.95	21.88
20	QPSK	100	0	22.05	22.08	21.95
20	16QAM	1	0	21.95	21.96	21.84
20	16QAM	1	49	21.85	21.88	21.92
20	16QAM	1	99	21.77	21.81	21.78
20	16QAM	50	0	20.82	20.89	20.70
20	16QAM	50	24	20.90	20.85	20.87
20	16QAM	50	50	20.72	20.77	20.70
20	16QAM	100	0	20.81	20.82	20.76
20	64QAM	1	0	20.86	20.93	20.84
20	64QAM	1	49	20.68	20.76	20.79
20	64QAM	1	99	20.75	20.77	20.78
20	64QAM	50	0	20.74	20.79	20.74
20	64QAM	50	24	20.78	20.74	20.70
20	64QAM	50	50	20.65	20.72	20.59
20	64QAM	100	0	20.57	20.75	20.61



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.66	22.70	22.69
15	QPSK	1	37	22.55	22.63	22.52
15	QPSK	1	74	22.67	22.64	22.46
15	QPSK	36	0	22.10	22.15	22.13
15	QPSK	36	20	21.96	21.97	21.83
15	QPSK	36	39	21.93	21.86	21.79
15	QPSK	75	0	21.96	21.99	21.86
15	16QAM	1	0	21.86	21.87	21.75
15	16QAM	1	37	21.76	21.79	21.83
15	16QAM	1	74	21.68	21.72	21.69
15	16QAM	36	0	20.73	20.80	20.61
15	16QAM	36	20	20.81	20.76	20.78
15	16QAM	36	39	20.63	20.68	20.61
15	16QAM	75	0	20.72	20.73	20.67
15	64QAM	1	0	20.77	20.84	20.75
15	64QAM	1	37	20.59	20.67	20.70
15	64QAM	1	74	20.66	20.68	20.69
15	64QAM	36	0	20.65	20.70	20.65
15	64QAM	36	20	20.69	20.65	20.61
15	64QAM	36	39	20.56	20.63	20.50
15	64QAM	75	0	20.48	20.66	20.52



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.54	22.58	22.57
10	QPSK	1	25	22.43	22.51	22.40
10	QPSK	1	49	22.55	22.52	22.34
10	QPSK	25	0	21.98	22.03	22.01
10	QPSK	25	12	21.84	21.85	21.71
10	QPSK	25	25	21.81	21.74	21.67
10	QPSK	50	0	21.84	21.87	21.74
10	16QAM	1	0	21.74	21.75	21.63
10	16QAM	1	25	21.64	21.67	21.71
10	16QAM	1	49	21.56	21.60	21.57
10	16QAM	25	0	20.61	20.68	20.49
10	16QAM	25	12	20.69	20.64	20.66
10	16QAM	25	25	20.51	20.56	20.49
10	16QAM	50	0	20.60	20.61	20.55
10	64QAM	1	0	20.65	20.72	20.63
10	64QAM	1	25	20.47	20.55	20.58
10	64QAM	1	49	20.54	20.56	20.57
10	64QAM	25	0	20.53	20.58	20.53
10	64QAM	25	12	20.57	20.53	20.49
10	64QAM	25	25	20.44	20.51	20.38
10	64QAM	50	0	20.36	20.54	20.40



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.45	22.49	22.48
5	QPSK	1	12	22.34	22.42	22.31
5	QPSK	1	24	22.46	22.43	22.25
5	QPSK	12	0	21.89	21.94	21.92
5	QPSK	12	7	21.75	21.76	21.62
5	QPSK	12	13	21.72	21.65	21.58
5	QPSK	25	0	21.75	21.78	21.65
5	16QAM	1	0	21.65	21.66	21.54
5	16QAM	1	12	21.55	21.58	21.62
5	16QAM	1	24	21.47	21.51	21.48
5	16QAM	12	0	20.52	20.59	20.40
5	16QAM	12	7	20.60	20.55	20.57
5	16QAM	12	13	20.42	20.47	20.40
5	16QAM	25	0	20.51	20.52	20.46
5	64QAM	1	0	20.56	20.63	20.54
5	64QAM	1	12	20.38	20.46	20.49
5	64QAM	1	24	20.45	20.47	20.48
5	64QAM	12	0	20.44	20.49	20.44
5	64QAM	12	7	20.48	20.44	20.40
5	64QAM	12	13	20.35	20.42	20.29
5	64QAM	25	0	20.27	20.45	20.31



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	22.95	22.91	22.88
20	QPSK	1	49	22.85	22.75	22.73
20	QPSK	1	99	22.94	22.90	22.72
20	QPSK	50	0	22.39	22.64	22.42
20	QPSK	50	24	22.30	22.21	22.03
20	QPSK	50	50	22.32	22.17	21.90
20	QPSK	100	0	22.31	22.22	22.00
20	16QAM	1	0	22.39	22.35	22.30
20	16QAM	1	49	22.32	22.29	22.25
20	16QAM	1	99	22.25	22.34	22.22
20	16QAM	50	0	21.40	21.22	21.07
20	16QAM	50	24	21.34	21.25	21.10
20	16QAM	50	50	21.31	21.10	21.06
20	16QAM	100	0	21.22	21.25	21.20
20	64QAM	1	0	21.30	21.28	21.22
20	64QAM	1	49	21.29	21.19	21.12
20	64QAM	1	99	21.23	21.23	21.17
20	64QAM	50	0	21.35	21.16	20.93
20	64QAM	50	24	21.25	21.19	21.11
20	64QAM	50	50	21.12	21.14	21.05
20	64QAM	100	0	21.31	21.30	21.20



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	22.80	22.76	22.73
15	QPSK	1	37	22.70	22.60	22.58
15	QPSK	1	74	22.79	22.75	22.57
15	QPSK	36	0	22.22	22.47	22.25
15	QPSK	36	20	22.13	22.04	21.86
15	QPSK	36	39	22.15	22.00	21.73
15	QPSK	75	0	22.14	22.05	21.83
15	16QAM	1	0	22.22	22.18	22.13
15	16QAM	1	37	22.15	22.12	22.08
15	16QAM	1	74	22.08	22.17	22.05
15	16QAM	36	0	21.23	21.05	20.90
15	16QAM	36	20	21.17	21.08	20.93
15	16QAM	36	39	21.14	20.93	20.89
15	16QAM	75	0	21.05	21.08	21.03
15	64QAM	1	0	21.13	21.11	21.05
15	64QAM	1	37	21.12	21.02	20.95
15	64QAM	1	74	21.06	21.06	21.00
15	64QAM	36	0	21.18	20.99	20.76
15	64QAM	36	20	21.08	21.02	20.94
15	64QAM	36	39	20.95	20.97	20.88
15	64QAM	75	0	21.14	21.13	21.03



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	22.72	22.68	22.65
10	QPSK	1	25	22.62	22.52	22.50
10	QPSK	1	49	22.71	22.67	22.49
10	QPSK	25	0	22.14	22.39	22.17
10	QPSK	25	12	22.05	21.96	21.78
10	QPSK	25	25	22.07	21.92	21.65
10	QPSK	50	0	22.06	21.97	21.75
10	16QAM	1	0	22.14	22.10	22.05
10	16QAM	1	25	22.07	22.04	22.00
10	16QAM	1	49	22.00	22.09	21.97
10	16QAM	25	0	21.15	20.97	20.82
10	16QAM	25	12	21.09	21.00	20.85
10	16QAM	25	25	21.06	20.85	20.81
10	16QAM	50	0	20.97	21.00	20.95
10	64QAM	1	0	21.05	21.03	20.97
10	64QAM	1	25	21.04	20.94	20.87
10	64QAM	1	49	20.98	20.98	20.92
10	64QAM	25	0	21.10	20.91	20.68
10	64QAM	25	12	21.00	20.94	20.86
10	64QAM	25	25	20.87	20.89	20.80
10	64QAM	50	0	21.06	21.05	20.95



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	22.64	22.60	22.57
5	QPSK	1	12	22.54	22.44	22.42
5	QPSK	1	24	22.63	22.59	22.41
5	QPSK	12	0	22.06	22.31	22.09
5	QPSK	12	7	21.97	21.88	21.70
5	QPSK	12	13	21.99	21.84	21.57
5	QPSK	25	0	21.98	21.89	21.67
5	16QAM	1	0	22.06	22.02	21.97
5	16QAM	1	12	21.99	21.96	21.92
5	16QAM	1	24	21.92	22.01	21.89
5	16QAM	12	0	21.07	20.89	20.74
5	16QAM	12	7	21.01	20.92	20.77
5	16QAM	12	13	20.98	20.77	20.73
5	16QAM	25	0	20.89	20.92	20.87
5	64QAM	1	0	20.97	20.95	20.89
5	64QAM	1	12	20.96	20.86	20.79
5	64QAM	1	24	20.90	20.90	20.84
5	64QAM	12	0	21.02	20.83	20.60
5	64QAM	12	7	20.92	20.86	20.78
5	64QAM	12	13	20.79	20.81	20.72
5	64QAM	25	0	20.98	20.97	20.87



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.75	22.76	22.74
20	QPSK	1	49	22.56	22.68	22.53
20	QPSK	1	99	22.64	22.64	22.61
20	QPSK	50	0	22.30	22.35	22.23
20	QPSK	50	24	22.11	22.19	22.18
20	QPSK	50	50	22.20	22.15	22.17
20	QPSK	100	0	22.16	22.21	22.18
20	16QAM	1	0	22.46	22.41	22.43
20	16QAM	1	49	22.33	22.42	22.19
20	16QAM	1	99	22.27	22.34	22.42
20	16QAM	50	0	21.13	21.06	21.05
20	16QAM	50	24	21.25	21.20	21.08
20	16QAM	50	50	21.18	21.17	21.14
20	16QAM	100	0	21.19	21.16	21.06
20	64QAM	1	0	21.42	21.39	21.40
20	64QAM	1	49	21.30	21.40	21.14
20	64QAM	1	99	21.21	21.34	21.35
20	64QAM	50	0	21.10	21.05	21.05
20	64QAM	50	24	21.17	21.15	21.07
20	64QAM	50	50	21.10	21.11	21.11
20	64QAM	100	0	21.21	21.10	20.99



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.63	22.62	22.60
15	QPSK	1	37	22.49	22.61	22.46
15	QPSK	1	74	22.57	22.57	22.54
15	QPSK	36	0	22.23	22.28	22.16
15	QPSK	36	20	22.04	22.12	22.11
15	QPSK	36	39	22.13	22.08	22.10
15	QPSK	75	0	22.09	22.14	22.11
15	16QAM	1	0	22.39	22.34	22.36
15	16QAM	1	37	22.26	22.35	22.12
15	16QAM	1	74	22.20	22.27	22.35
15	16QAM	36	0	21.06	20.99	20.98
15	16QAM	36	20	21.18	21.13	21.01
15	16QAM	36	39	21.11	21.10	21.07
15	16QAM	75	0	21.12	21.09	20.99
15	64QAM	1	0	21.35	21.32	21.33
15	64QAM	1	37	21.23	21.33	21.07
15	64QAM	1	74	21.14	21.27	21.28
15	64QAM	36	0	21.03	20.98	20.98
15	64QAM	36	20	21.10	21.08	21.00
15	64QAM	36	39	21.03	21.04	21.04
15	64QAM	75	0	21.14	21.03	20.92



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.56	22.55	22.53
10	QPSK	1	25	22.42	22.54	22.39
10	QPSK	1	49	22.50	22.50	22.47
10	QPSK	25	0	22.16	22.21	22.09
10	QPSK	25	12	22.00	22.05	22.04
10	QPSK	25	25	22.06	22.01	22.03
10	QPSK	50	0	22.02	22.07	22.04
10	16QAM	1	0	22.32	22.27	22.29
10	16QAM	1	25	22.19	22.28	22.05
10	16QAM	1	49	22.13	22.20	22.28
10	16QAM	25	0	20.99	20.92	20.91
10	16QAM	25	12	21.11	21.06	20.94
10	16QAM	25	25	21.04	21.03	21.00
10	16QAM	50	0	21.05	21.02	20.92
10	64QAM	1	0	21.28	21.25	21.26
10	64QAM	1	25	21.16	21.26	21.00
10	64QAM	1	49	21.07	21.20	21.21
10	64QAM	25	0	20.96	20.91	20.91
10	64QAM	25	12	21.03	21.01	20.93
10	64QAM	25	25	20.96	20.97	20.97
10	64QAM	50	0	21.07	20.96	20.85



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.49	22.48	22.46
5	QPSK	1	12	22.35	22.47	22.32
5	QPSK	1	24	22.43	22.43	22.40
5	QPSK	12	0	22.09	22.14	22.02
5	QPSK	12	7	21.90	21.98	21.97
5	QPSK	12	13	21.99	21.94	21.96
5	QPSK	25	0	21.95	22.00	21.97
5	16QAM	1	0	22.25	22.20	22.22
5	16QAM	1	12	22.12	22.21	21.98
5	16QAM	1	24	22.06	22.13	22.21
5	16QAM	12	0	20.92	20.85	20.84
5	16QAM	12	7	21.04	20.99	20.87
5	16QAM	12	13	20.97	20.96	20.93
5	16QAM	25	0	20.98	20.95	20.85
5	64QAM	1	0	21.21	21.18	21.19
5	64QAM	1	12	21.09	21.19	20.93
5	64QAM	1	24	21.00	21.13	21.14
5	64QAM	12	0	20.89	20.84	20.84
5	64QAM	12	7	20.96	20.94	20.86
5	64QAM	12	13	20.89	20.90	20.90
5	64QAM	25	0	21.00	20.89	20.78



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.42	22.41	22.39
3	QPSK	1	8	22.28	22.40	22.25
3	QPSK	1	14	22.36	22.36	22.33
3	QPSK	8	0	21.92	21.97	21.85
3	QPSK	8	4	21.73	21.81	21.80
3	QPSK	8	7	21.82	21.77	21.79
3	QPSK	15	0	21.78	21.83	21.80
3	16QAM	1	0	22.08	22.03	22.05
3	16QAM	1	8	21.95	22.04	21.81
3	16QAM	1	14	21.89	21.96	22.04
3	16QAM	8	0	20.75	20.68	20.67
3	16QAM	8	4	20.87	20.82	20.70
3	16QAM	8	7	20.80	20.79	20.76
3	16QAM	15	0	20.81	20.78	20.68
3	64QAM	1	0	21.04	21.01	21.02
3	64QAM	1	8	20.92	21.02	20.76
3	64QAM	1	14	20.83	20.96	20.97
3	64QAM	8	0	20.72	20.67	20.67
3	64QAM	8	4	20.79	20.77	20.69
3	64QAM	8	7	20.72	20.73	20.73
3	64QAM	15	0	20.83	20.72	20.61



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.35	22.34	22.32
1.4	QPSK	1	3	22.21	22.33	22.18
1.4	QPSK	1	5	22.29	22.29	22.26
1.4	QPSK	3	0	21.57	21.62	21.50
1.4	QPSK	3	1	21.38	21.46	21.45
1.4	QPSK	3	3	21.47	21.42	21.44
1.4	QPSK	6	0	21.43	21.48	21.45
1.4	16QAM	1	0	21.51	21.46	21.48
1.4	16QAM	1	3	21.38	21.47	21.24
1.4	16QAM	1	5	21.32	21.39	21.47
1.4	16QAM	3	0	20.40	20.33	20.32
1.4	16QAM	3	1	20.52	20.47	20.35
1.4	16QAM	3	3	20.45	20.44	20.41
1.4	16QAM	6	0	20.46	20.43	20.33
1.4	64QAM	1	0	20.69	20.66	20.67
1.4	64QAM	1	3	20.57	20.67	20.41
1.4	64QAM	1	5	20.48	20.61	20.62
1.4	64QAM	3	0	20.37	20.32	20.32
1.4	64QAM	3	1	20.44	20.42	20.34
1.4	64QAM	3	3	20.37	20.38	20.38
1.4	64QAM	6	0	20.48	20.37	20.26



Effective Radiated Power and Effective Isotropic Radiated Power:

Note: Only the results for the maximum antenna gain of the two antennas were calculated and recorded.

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	16.18	0.041	16.25	0.042	16.16	0.041
20	QPSK	1	49	16.14	0.041	16.16	0.041	16.09	0.041
20	QPSK	1	99	16.06	0.040	16.13	0.041	16.10	0.041
20	QPSK	50	0	15.28	0.034	15.35	0.034	15.30	0.034
20	QPSK	50	24	15.24	0.033	15.18	0.033	15.16	0.033
20	QPSK	50	50	15.21	0.033	15.24	0.033	15.17	0.033
20	QPSK	100	0	15.24	0.033	15.25	0.033	15.14	0.033
20	16QAM	1	0	15.51	0.036	15.42	0.035	15.25	0.033
20	16QAM	1	49	15.39	0.035	15.48	0.035	15.43	0.035
20	16QAM	1	99	15.49	0.035	15.26	0.034	15.53	0.036
20	16QAM	50	0	14.20	0.026	14.15	0.026	14.19	0.026
20	16QAM	50	24	14.41	0.028	14.26	0.027	14.25	0.027
20	16QAM	50	50	14.28	0.027	14.31	0.027	14.33	0.027
20	16QAM	100	0	14.26	0.027	14.28	0.027	14.24	0.027
20	64QAM	1	0	14.36	0.027	14.50	0.028	14.45	0.028
20	64QAM	1	49	14.39	0.027	14.43	0.028	14.33	0.027
20	64QAM	1	99	14.49	0.028	14.37	0.027	14.19	0.026
20	64QAM	50	0	14.34	0.027	14.23	0.026	14.23	0.026
20	64QAM	50	24	14.17	0.026	14.18	0.026	14.25	0.027
20	64QAM	50	50	14.30	0.027	14.23	0.026	14.28	0.027
20	64QAM	100	0	14.22	0.026	14.25	0.027	14.24	0.027



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.05	0.040	16.07	0.040	16.10	0.041
15	QPSK	1	37	15.93	0.039	15.95	0.039	15.88	0.039
15	QPSK	1	74	15.85	0.038	15.92	0.039	15.89	0.039
15	QPSK	36	0	15.21	0.033	15.28	0.034	15.23	0.033
15	QPSK	36	20	15.17	0.033	15.11	0.032	15.09	0.032
15	QPSK	36	39	15.14	0.033	15.17	0.033	15.10	0.032
15	QPSK	75	0	15.17	0.033	15.18	0.033	15.07	0.032
15	16QAM	1	0	15.44	0.035	15.35	0.034	15.18	0.033
15	16QAM	1	37	15.32	0.034	15.41	0.035	15.36	0.034
15	16QAM	1	74	15.42	0.035	15.19	0.033	15.46	0.035
15	16QAM	36	0	14.13	0.026	14.08	0.026	14.12	0.026
15	16QAM	36	20	14.34	0.027	14.19	0.026	14.18	0.026
15	16QAM	36	39	14.21	0.026	14.24	0.027	14.26	0.027
15	16QAM	75	0	14.19	0.026	14.21	0.026	14.17	0.026
15	64QAM	1	0	14.29	0.027	14.43	0.028	14.38	0.027
15	64QAM	1	37	14.32	0.027	14.36	0.027	14.26	0.027
15	64QAM	1	74	14.42	0.028	14.30	0.027	14.12	0.026
15	64QAM	36	0	14.27	0.027	14.16	0.026	14.16	0.026
15	64QAM	36	20	14.10	0.026	14.11	0.026	14.18	0.026
15	64QAM	36	39	14.23	0.026	14.16	0.026	14.21	0.026
15	64QAM	75	0	14.15	0.026	14.18	0.026	14.17	0.026



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	15.98	0.040	16.00	0.040	16.03	0.040
10	QPSK	1	25	15.86	0.039	15.88	0.039	15.81	0.038
10	QPSK	1	49	15.78	0.038	15.85	0.038	15.82	0.038
10	QPSK	25	0	15.14	0.033	15.21	0.033	15.16	0.033
10	QPSK	25	12	15.10	0.032	15.04	0.032	15.02	0.032
10	QPSK	25	25	15.07	0.032	15.10	0.032	15.03	0.032
10	QPSK	50	0	15.10	0.032	15.11	0.032	15.00	0.032
10	16QAM	1	0	15.37	0.034	15.28	0.034	15.11	0.032
10	16QAM	1	25	15.25	0.033	15.34	0.034	15.29	0.034
10	16QAM	1	49	15.35	0.034	15.12	0.033	15.39	0.035
10	16QAM	25	0	14.06	0.025	14.01	0.025	14.05	0.025
10	16QAM	25	12	14.27	0.027	14.12	0.026	14.11	0.026
10	16QAM	25	25	14.14	0.026	14.17	0.026	14.19	0.026
10	16QAM	50	0	14.12	0.026	14.14	0.026	14.10	0.026
10	64QAM	1	0	14.22	0.026	14.36	0.027	14.31	0.027
10	64QAM	1	25	14.25	0.027	14.29	0.027	14.19	0.026
10	64QAM	1	49	14.35	0.027	14.23	0.026	14.05	0.025
10	64QAM	25	0	14.20	0.026	14.09	0.026	14.09	0.026
10	64QAM	25	12	14.03	0.025	14.04	0.025	14.11	0.026
10	64QAM	25	25	14.16	0.026	14.09	0.026	14.14	0.026
10	64QAM	50	0	14.08	0.026	14.11	0.026	14.10	0.026



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	15.91	0.039	15.93	0.039	15.96	0.039
5	QPSK	1	12	15.79	0.038	15.81	0.038	15.74	0.037
5	QPSK	1	24	15.71	0.037	15.78	0.038	15.75	0.038
5	QPSK	12	0	15.07	0.032	15.14	0.033	15.09	0.032
5	QPSK	12	7	15.03	0.032	14.97	0.031	14.95	0.031
5	QPSK	12	13	15.00	0.032	15.03	0.032	14.96	0.031
5	QPSK	25	0	15.03	0.032	15.04	0.032	14.93	0.031
5	16QAM	1	0	15.30	0.034	15.21	0.033	15.04	0.032
5	16QAM	1	12	15.18	0.033	15.27	0.034	15.22	0.033
5	16QAM	1	24	15.28	0.034	15.05	0.032	15.32	0.034
5	16QAM	12	0	14.05	0.025	14.00	0.025	14.04	0.025
5	16QAM	12	7	14.26	0.027	14.11	0.026	14.10	0.026
5	16QAM	12	13	14.13	0.026	14.16	0.026	14.18	0.026
5	16QAM	25	0	14.11	0.026	14.13	0.026	14.09	0.026
5	64QAM	1	0	14.15	0.026	14.29	0.027	14.24	0.027
5	64QAM	1	12	14.18	0.026	14.22	0.026	14.12	0.026
5	64QAM	1	24	14.28	0.027	14.16	0.026	14.14	0.026
5	64QAM	12	0	14.19	0.026	14.08	0.026	14.08	0.026
5	64QAM	12	7	14.02	0.025	14.03	0.025	14.10	0.026
5	64QAM	12	13	14.15	0.026	14.08	0.026	14.13	0.026
5	64QAM	25	0	14.07	0.026	14.10	0.026	14.09	0.026



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	15.84	0.038	15.86	0.039	15.89	0.039
3	QPSK	1	8	15.72	0.037	15.74	0.037	15.67	0.037
3	QPSK	1	14	15.64	0.037	15.71	0.037	15.68	0.037
3	QPSK	8	0	15.00	0.032	15.07	0.032	15.02	0.032
3	QPSK	8	4	14.96	0.031	14.90	0.031	14.88	0.031
3	QPSK	8	7	14.93	0.031	14.96	0.031	14.89	0.031
3	QPSK	15	0	14.96	0.031	14.97	0.031	14.86	0.031
3	16QAM	1	0	15.13	0.033	15.14	0.033	14.97	0.031
3	16QAM	1	8	15.11	0.032	15.11	0.032	15.15	0.033
3	16QAM	1	14	15.13	0.033	15.11	0.032	15.14	0.033
3	16QAM	8	0	13.92	0.025	13.87	0.024	13.91	0.025
3	16QAM	8	4	14.13	0.026	13.98	0.025	13.97	0.025
3	16QAM	8	7	14.00	0.025	14.03	0.025	14.05	0.025
3	16QAM	15	0	13.98	0.025	14.00	0.025	13.96	0.025
3	64QAM	1	0	14.08	0.026	14.22	0.026	14.17	0.026
3	64QAM	1	8	14.11	0.026	14.15	0.026	14.05	0.025
3	64QAM	1	14	14.21	0.026	14.09	0.026	13.91	0.025
3	64QAM	8	0	14.06	0.025	13.95	0.025	13.95	0.025
3	64QAM	8	4	13.89	0.024	13.90	0.025	13.97	0.025
3	64QAM	8	7	14.02	0.025	13.95	0.025	14.00	0.025
3	64QAM	15	0	13.94	0.025	13.97	0.025	13.96	0.025



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	15.77	0.038	15.79	0.038	15.82	0.038
1.4	QPSK	1	3	15.65	0.037	15.67	0.037	15.60	0.036
1.4	QPSK	1	5	15.57	0.036	15.64	0.037	15.61	0.036
1.4	QPSK	3	0	14.93	0.031	15.00	0.032	14.95	0.031
1.4	QPSK	3	1	14.89	0.031	14.83	0.030	14.81	0.030
1.4	QPSK	3	3	14.86	0.031	14.89	0.031	14.82	0.030
1.4	QPSK	6	0	14.89	0.031	14.90	0.031	14.79	0.030
1.4	16QAM	1	0	15.16	0.033	15.07	0.032	14.90	0.031
1.4	16QAM	1	3	15.04	0.032	15.13	0.033	15.08	0.032
1.4	16QAM	1	5	15.06	0.032	14.91	0.031	15.05	0.032
1.4	16QAM	3	0	13.85	0.024	13.80	0.024	13.84	0.024
1.4	16QAM	3	1	14.06	0.025	13.91	0.025	13.90	0.025
1.4	16QAM	3	3	13.93	0.025	13.96	0.025	13.98	0.025
1.4	16QAM	6	0	13.91	0.025	13.93	0.025	13.89	0.024
1.4	64QAM	1	0	14.01	0.025	14.15	0.026	14.10	0.026
1.4	64QAM	1	3	14.04	0.025	14.08	0.026	13.98	0.025
1.4	64QAM	1	5	14.14	0.026	14.02	0.025	13.84	0.024
1.4	64QAM	3	0	13.99	0.025	13.88	0.024	13.88	0.024
1.4	64QAM	3	1	13.82	0.024	13.83	0.024	13.90	0.025
1.4	64QAM	3	3	13.95	0.025	13.88	0.024	13.93	0.025
1.4	64QAM	6	0	13.87	0.024	13.90	0.025	13.89	0.024



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	16.30	0.043	16.28	0.042	16.24	0.042
20	QPSK	1	49	16.26	0.042	16.27	0.042	16.28	0.042
20	QPSK	1	99	16.18	0.041	16.20	0.042	16.23	0.042
20	QPSK	50	0	15.49	0.035	15.56	0.036	15.60	0.036
20	QPSK	50	24	15.30	0.034	15.33	0.034	15.34	0.034
20	QPSK	50	50	15.27	0.034	15.30	0.034	15.36	0.034
20	QPSK	100	0	15.24	0.033	15.33	0.034	15.28	0.034
20	16QAM	1	0	14.97	0.031	15.22	0.033	15.28	0.034
20	16QAM	1	49	15.22	0.033	15.28	0.034	15.13	0.033
20	16QAM	1	99	15.29	0.034	15.28	0.034	15.39	0.035
20	16QAM	50	0	14.35	0.027	14.31	0.027	14.36	0.027
20	16QAM	50	24	14.38	0.027	14.27	0.027	14.31	0.027
20	16QAM	50	50	14.43	0.028	14.29	0.027	14.30	0.027
20	16QAM	100	0	14.35	0.027	14.34	0.027	14.32	0.027
20	64QAM	1	0	14.47	0.028	14.41	0.028	14.45	0.028
20	64QAM	1	49	14.27	0.027	14.29	0.027	14.45	0.028
20	64QAM	1	99	14.37	0.027	14.38	0.027	14.49	0.028
20	64QAM	50	0	14.29	0.027	14.26	0.027	14.27	0.027
20	64QAM	50	24	14.28	0.027	14.30	0.027	14.43	0.028
20	64QAM	50	50	14.32	0.027	14.29	0.027	14.47	0.028
20	64QAM	100	0	14.30	0.027	14.27	0.027	14.38	0.027



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.36	0.043	16.39	0.044	16.35	0.043
15	QPSK	1	37	16.20	0.042	16.21	0.042	16.22	0.042
15	QPSK	1	74	16.12	0.041	16.14	0.041	16.17	0.041
15	QPSK	36	0	15.43	0.035	15.50	0.035	15.54	0.036
15	QPSK	36	20	15.24	0.033	15.27	0.034	15.28	0.034
15	QPSK	36	39	15.21	0.033	15.24	0.033	15.30	0.034
15	QPSK	75	0	15.18	0.033	15.27	0.034	15.22	0.033
15	16QAM	1	0	14.91	0.031	15.16	0.033	15.22	0.033
15	16QAM	1	37	15.16	0.033	15.22	0.033	15.07	0.032
15	16QAM	1	74	15.23	0.033	15.22	0.033	15.33	0.034
15	16QAM	36	0	14.29	0.027	14.25	0.027	14.30	0.027
15	16QAM	36	20	14.32	0.027	14.21	0.026	14.25	0.027
15	16QAM	36	39	14.37	0.027	14.23	0.026	14.24	0.027
15	16QAM	75	0	14.29	0.027	14.28	0.027	14.26	0.027
15	64QAM	1	0	14.41	0.028	14.35	0.027	14.39	0.027
15	64QAM	1	37	14.21	0.026	14.23	0.026	14.39	0.027
15	64QAM	1	74	14.31	0.027	14.32	0.027	14.43	0.028
15	64QAM	36	0	14.23	0.026	14.20	0.026	14.21	0.026
15	64QAM	36	20	14.22	0.026	14.24	0.027	14.37	0.027
15	64QAM	36	39	14.26	0.027	14.23	0.026	14.41	0.028
15	64QAM	75	0	14.24	0.027	14.21	0.026	14.32	0.027



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.32	0.043	16.35	0.043	16.31	0.043
10	QPSK	1	25	16.16	0.041	16.17	0.041	16.18	0.041
10	QPSK	1	49	16.08	0.041	16.10	0.041	16.13	0.041
10	QPSK	25	0	15.39	0.035	15.46	0.035	15.50	0.035
10	QPSK	25	12	15.20	0.033	15.23	0.033	15.24	0.033
10	QPSK	25	25	15.17	0.033	15.20	0.033	15.26	0.034
10	QPSK	50	0	15.14	0.033	15.23	0.033	15.18	0.033
10	16QAM	1	0	14.87	0.031	15.12	0.032	15.18	0.033
10	16QAM	1	25	15.12	0.032	15.18	0.033	15.03	0.032
10	16QAM	1	49	15.19	0.033	15.18	0.033	15.29	0.034
10	16QAM	25	0	14.25	0.027	14.21	0.026	14.26	0.027
10	16QAM	25	12	14.28	0.027	14.17	0.026	14.21	0.026
10	16QAM	25	25	14.33	0.027	14.19	0.026	14.20	0.026
10	16QAM	50	0	14.25	0.027	14.24	0.027	14.22	0.026
10	64QAM	1	0	14.37	0.027	14.31	0.027	14.35	0.027
10	64QAM	1	25	14.17	0.026	14.19	0.026	14.35	0.027
10	64QAM	1	49	14.27	0.027	14.28	0.027	14.39	0.027
10	64QAM	25	0	14.19	0.026	14.16	0.026	14.17	0.026
10	64QAM	25	12	14.18	0.026	14.20	0.026	14.33	0.027
10	64QAM	25	25	14.22	0.026	14.19	0.026	14.37	0.027
10	64QAM	50	0	14.20	0.026	14.17	0.026	14.28	0.027



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.27	0.042	16.30	0.043	16.26	0.042
5	QPSK	1	12	16.11	0.041	16.12	0.041	16.13	0.041
5	QPSK	1	24	16.03	0.040	16.05	0.040	16.08	0.041
5	QPSK	12	0	15.34	0.034	15.41	0.035	15.45	0.035
5	QPSK	12	7	15.15	0.033	15.18	0.033	15.19	0.033
5	QPSK	12	13	15.12	0.032	15.15	0.033	15.21	0.033
5	QPSK	25	0	15.09	0.032	15.18	0.033	15.13	0.033
5	16QAM	1	0	14.82	0.030	15.07	0.032	15.13	0.033
5	16QAM	1	12	15.07	0.032	15.13	0.033	14.98	0.031
5	16QAM	1	24	15.14	0.033	15.13	0.033	15.24	0.033
5	16QAM	12	0	14.20	0.026	14.16	0.026	14.21	0.026
5	16QAM	12	7	14.23	0.026	14.12	0.026	14.16	0.026
5	16QAM	12	13	14.28	0.027	14.14	0.026	14.15	0.026
5	16QAM	25	0	14.20	0.026	14.19	0.026	14.17	0.026
5	64QAM	1	0	14.32	0.027	14.26	0.027	14.30	0.027
5	64QAM	1	12	14.12	0.026	14.14	0.026	14.30	0.027
5	64QAM	1	24	14.22	0.026	14.23	0.026	14.34	0.027
5	64QAM	12	0	14.14	0.026	14.11	0.026	14.12	0.026
5	64QAM	12	7	14.13	0.026	14.15	0.026	14.28	0.027
5	64QAM	12	13	14.17	0.026	14.14	0.026	14.32	0.027
5	64QAM	25	0	14.15	0.026	14.12	0.026	14.23	0.026



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	16.22	0.042	16.25	0.042	16.21	0.042
3	QPSK	1	8	16.06	0.040	16.07	0.040	16.08	0.041
3	QPSK	1	14	15.98	0.040	16.00	0.040	16.03	0.040
3	QPSK	8	0	15.29	0.034	15.36	0.034	15.40	0.035
3	QPSK	8	4	15.10	0.032	15.13	0.033	15.14	0.033
3	QPSK	8	7	15.07	0.032	15.10	0.032	15.16	0.033
3	QPSK	15	0	15.04	0.032	15.13	0.033	15.08	0.032
3	16QAM	1	0	14.77	0.030	15.02	0.032	15.08	0.032
3	16QAM	1	8	15.02	0.032	15.08	0.032	14.93	0.031
3	16QAM	1	14	15.09	0.032	15.08	0.032	15.10	0.032
3	16QAM	8	0	14.15	0.026	14.11	0.026	14.16	0.026
3	16QAM	8	4	14.18	0.026	14.07	0.026	14.11	0.026
3	16QAM	8	7	14.23	0.026	14.09	0.026	14.10	0.026
3	16QAM	15	0	14.15	0.026	14.14	0.026	14.12	0.026
3	64QAM	1	0	14.27	0.027	14.21	0.026	14.25	0.027
3	64QAM	1	8	14.07	0.026	14.09	0.026	14.25	0.027
3	64QAM	1	14	14.17	0.026	14.18	0.026	14.29	0.027
3	64QAM	8	0	14.09	0.026	14.06	0.025	14.07	0.026
3	64QAM	8	4	14.08	0.026	14.10	0.026	14.23	0.026
3	64QAM	8	7	14.12	0.026	14.09	0.026	14.27	0.027
3	64QAM	15	0	14.10	0.026	14.07	0.026	14.18	0.026



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	16.17	0.041	16.20	0.042	16.16	0.041
1.4	QPSK	1	3	16.01	0.040	16.02	0.040	16.03	0.040
1.4	QPSK	1	5	15.93	0.039	15.95	0.039	15.98	0.040
1.4	QPSK	3	0	15.24	0.033	15.31	0.034	15.35	0.034
1.4	QPSK	3	1	15.05	0.032	15.08	0.032	15.09	0.032
1.4	QPSK	3	3	15.02	0.032	15.05	0.032	15.11	0.032
1.4	QPSK	6	0	14.99	0.032	15.08	0.032	15.03	0.032
1.4	16QAM	1	0	14.72	0.030	14.97	0.031	15.03	0.032
1.4	16QAM	1	3	14.97	0.031	15.03	0.032	14.88	0.031
1.4	16QAM	1	5	15.04	0.032	15.03	0.032	15.14	0.033
1.4	16QAM	3	0	14.10	0.026	14.06	0.025	14.11	0.026
1.4	16QAM	3	1	14.13	0.026	14.02	0.025	14.06	0.025
1.4	16QAM	3	3	14.18	0.026	14.04	0.025	14.05	0.025
1.4	16QAM	6	0	14.10	0.026	14.09	0.026	14.07	0.026
1.4	64QAM	1	0	14.22	0.026	14.16	0.026	14.20	0.026
1.4	64QAM	1	3	14.02	0.025	14.04	0.025	14.20	0.026
1.4	64QAM	1	5	14.12	0.026	14.13	0.026	14.24	0.027
1.4	64QAM	3	0	14.04	0.025	14.01	0.025	14.02	0.025
1.4	64QAM	3	1	14.03	0.025	14.05	0.025	14.18	0.026
1.4	64QAM	3	3	14.07	0.026	14.04	0.025	14.22	0.026
1.4	64QAM	6	0	14.05	0.025	14.02	0.025	14.13	0.026



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	13.01	0.020	13.06	0.020	13.05	0.020
10	QPSK	1	25	12.97	0.020	12.98	0.020	12.99	0.020
10	QPSK	1	49	12.89	0.019	12.91	0.020	12.94	0.020
10	QPSK	25	0	12.27	0.017	12.28	0.017	12.32	0.017
10	QPSK	25	12	12.19	0.017	12.22	0.017	12.23	0.017
10	QPSK	25	25	12.16	0.016	12.19	0.017	12.25	0.017
10	QPSK	50	0	12.13	0.016	12.22	0.017	12.17	0.016
10	16QAM	1	0	11.86	0.015	12.11	0.016	12.17	0.016
10	16QAM	1	25	12.11	0.016	12.17	0.016	12.02	0.016
10	16QAM	1	49	12.18	0.017	12.17	0.016	12.28	0.017
10	16QAM	25	0	11.24	0.013	11.20	0.013	11.25	0.013
10	16QAM	25	12	11.27	0.013	11.16	0.013	11.20	0.013
10	16QAM	25	25	11.32	0.014	11.18	0.013	11.19	0.013
10	16QAM	50	0	11.24	0.013	11.23	0.013	11.21	0.013
10	64QAM	1	0	11.36	0.014	11.30	0.013	11.34	0.014
10	64QAM	1	25	11.16	0.013	11.18	0.013	11.34	0.014
10	64QAM	1	49	11.26	0.013	11.27	0.013	11.38	0.014
10	64QAM	25	0	11.18	0.013	11.15	0.013	11.16	0.013
10	64QAM	25	12	11.17	0.013	11.19	0.013	11.32	0.014
10	64QAM	25	25	11.21	0.013	11.18	0.013	11.36	0.014
10	64QAM	50	0	11.19	0.013	11.16	0.013	11.27	0.013



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	12.85	0.019	12.81	0.019	12.83	0.019
5	QPSK	1	12	12.79	0.019	12.80	0.019	12.81	0.019
5	QPSK	1	24	12.71	0.019	12.73	0.019	12.76	0.019
5	QPSK	12	0	12.09	0.016	12.10	0.016	12.14	0.016
5	QPSK	12	7	12.01	0.016	12.04	0.016	12.05	0.016
5	QPSK	12	13	11.98	0.016	12.01	0.016	12.07	0.016
5	QPSK	25	0	11.95	0.016	12.04	0.016	11.99	0.016
5	16QAM	1	0	11.68	0.015	11.93	0.016	11.99	0.016
5	16QAM	1	12	11.93	0.016	11.99	0.016	11.84	0.015
5	16QAM	1	24	12.00	0.016	11.99	0.016	12.10	0.016
5	16QAM	12	0	11.06	0.013	11.02	0.013	11.07	0.013
5	16QAM	12	7	11.09	0.013	10.98	0.013	11.02	0.013
5	16QAM	12	13	11.14	0.013	11.00	0.013	11.01	0.013
5	16QAM	25	0	11.06	0.013	11.05	0.013	11.03	0.013
5	64QAM	1	0	11.18	0.013	11.12	0.013	11.16	0.013
5	64QAM	1	12	10.98	0.013	11.00	0.013	11.16	0.013
5	64QAM	1	24	11.08	0.013	11.09	0.013	11.20	0.013
5	64QAM	12	0	11.00	0.013	10.97	0.012	10.98	0.013
5	64QAM	12	7	10.99	0.013	11.01	0.013	11.14	0.013
5	64QAM	12	13	11.03	0.013	11.00	0.013	11.18	0.013
5	64QAM	25	0	11.01	0.013	10.98	0.013	11.09	0.013



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	12.78	0.019	12.74	0.019	12.76	0.019
3	QPSK	1	8	12.72	0.019	12.73	0.019	12.74	0.019
3	QPSK	1	14	12.64	0.018	12.66	0.018	12.69	0.019
3	QPSK	8	0	12.02	0.016	12.03	0.016	12.07	0.016
3	QPSK	8	4	11.94	0.016	11.97	0.016	11.98	0.016
3	QPSK	8	7	11.91	0.016	11.94	0.016	12.00	0.016
3	QPSK	15	0	11.88	0.015	11.97	0.016	11.92	0.016
3	16QAM	1	0	11.61	0.014	11.86	0.015	11.92	0.016
3	16QAM	1	8	11.86	0.015	11.92	0.016	11.77	0.015
3	16QAM	1	14	11.93	0.016	11.92	0.016	12.03	0.016
3	16QAM	8	0	10.99	0.013	10.95	0.012	11.00	0.013
3	16QAM	8	4	11.02	0.013	10.91	0.012	10.95	0.012
3	16QAM	8	7	11.07	0.013	10.93	0.012	10.94	0.012
3	16QAM	15	0	10.99	0.013	10.98	0.013	10.96	0.012
3	64QAM	1	0	11.11	0.013	11.05	0.013	11.09	0.013
3	64QAM	1	8	10.91	0.012	10.93	0.012	11.09	0.013
3	64QAM	1	14	11.01	0.013	11.02	0.013	11.13	0.013
3	64QAM	8	0	10.93	0.012	10.90	0.012	10.91	0.012
3	64QAM	8	4	10.92	0.012	10.94	0.012	11.07	0.013
3	64QAM	8	7	10.96	0.012	10.93	0.012	11.11	0.013
3	64QAM	15	0	10.94	0.012	10.91	0.012	11.02	0.013



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	12.71	0.019	12.67	0.018	12.69	0.019
1.4	QPSK	1	3	12.65	0.018	12.66	0.018	12.67	0.018
1.4	QPSK	1	5	12.57	0.018	12.59	0.018	12.62	0.018
1.4	QPSK	3	0	11.95	0.016	11.96	0.016	12.00	0.016
1.4	QPSK	3	1	11.87	0.015	11.90	0.015	11.91	0.016
1.4	QPSK	3	3	11.84	0.015	11.87	0.015	11.93	0.016
1.4	QPSK	6	0	11.81	0.015	11.90	0.015	11.85	0.015
1.4	16QAM	1	0	11.54	0.014	11.79	0.015	11.85	0.015
1.4	16QAM	1	3	11.79	0.015	11.85	0.015	11.70	0.015
1.4	16QAM	1	5	11.86	0.015	11.85	0.015	11.88	0.015
1.4	16QAM	3	0	10.92	0.012	10.88	0.012	10.93	0.012
1.4	16QAM	3	1	10.95	0.012	10.84	0.012	10.88	0.012
1.4	16QAM	3	3	11.00	0.013	10.86	0.012	10.87	0.012
1.4	16QAM	6	0	10.92	0.012	10.91	0.012	10.89	0.012
1.4	64QAM	1	0	11.04	0.013	10.98	0.013	11.02	0.013
1.4	64QAM	1	3	10.84	0.012	10.86	0.012	11.02	0.013
1.4	64QAM	1	5	10.94	0.012	10.95	0.012	11.06	0.013
1.4	64QAM	3	0	10.86	0.012	10.83	0.012	10.84	0.012
1.4	64QAM	3	1	10.85	0.012	10.87	0.012	11.00	0.013
1.4	64QAM	3	3	10.89	0.012	10.86	0.012	11.04	0.013
1.4	64QAM	6	0	10.87	0.012	10.84	0.012	10.95	0.012



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	16.63	0.046	16.54	0.045	16.56	0.045
20	QPSK	1	49	16.51	0.045	16.52	0.045	16.53	0.045
20	QPSK	1	99	16.43	0.044	16.45	0.044	16.48	0.044
20	QPSK	50	0	15.65	0.037	15.56	0.036	15.64	0.037
20	QPSK	50	24	15.59	0.036	15.62	0.036	15.63	0.037
20	QPSK	50	50	15.56	0.036	15.59	0.036	15.65	0.037
20	QPSK	100	0	15.53	0.036	15.62	0.036	15.57	0.036
20	16QAM	1	0	15.26	0.034	15.51	0.036	15.57	0.036
20	16QAM	1	49	15.51	0.036	15.57	0.036	15.42	0.035
20	16QAM	1	99	15.58	0.036	15.57	0.036	15.68	0.037
20	16QAM	50	0	14.64	0.029	14.60	0.029	14.65	0.029
20	16QAM	50	24	14.67	0.029	14.56	0.029	14.60	0.029
20	16QAM	50	50	14.72	0.030	14.58	0.029	14.59	0.029
20	16QAM	100	0	14.64	0.029	14.63	0.029	14.61	0.029
20	64QAM	1	0	14.76	0.030	14.70	0.029	14.74	0.030
20	64QAM	1	49	14.56	0.029	14.58	0.029	14.74	0.030
20	64QAM	1	99	14.66	0.029	14.67	0.029	14.78	0.030
20	64QAM	50	0	14.58	0.029	14.55	0.028	14.56	0.029
20	64QAM	50	24	14.57	0.029	14.59	0.029	14.72	0.030
20	64QAM	50	50	14.61	0.029	14.58	0.029	14.76	0.030
20	64QAM	100	0	14.59	0.029	14.56	0.029	14.67	0.029



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.40	0.044	16.42	0.044	16.37	0.043
15	QPSK	1	37	16.35	0.043	16.36	0.043	16.37	0.043
15	QPSK	1	74	16.27	0.042	16.29	0.043	16.32	0.043
15	QPSK	36	0	15.49	0.035	15.40	0.035	15.48	0.035
15	QPSK	36	20	15.43	0.035	15.46	0.035	15.47	0.035
15	QPSK	36	39	15.40	0.035	15.43	0.035	15.49	0.035
15	QPSK	75	0	15.37	0.034	15.46	0.035	15.41	0.035
15	16QAM	1	0	15.10	0.032	15.35	0.034	15.41	0.035
15	16QAM	1	37	15.35	0.034	15.41	0.035	15.26	0.034
15	16QAM	1	74	15.42	0.035	15.41	0.035	15.52	0.036
15	16QAM	36	0	14.48	0.028	14.44	0.028	14.49	0.028
15	16QAM	36	20	14.51	0.028	14.40	0.028	14.44	0.028
15	16QAM	36	39	14.56	0.029	14.42	0.028	14.43	0.028
15	16QAM	75	0	14.48	0.028	14.47	0.028	14.45	0.028
15	64QAM	1	0	14.60	0.029	14.54	0.028	14.58	0.029
15	64QAM	1	37	14.40	0.028	14.42	0.028	14.58	0.029
15	64QAM	1	74	14.50	0.028	14.51	0.028	14.62	0.029
15	64QAM	36	0	14.42	0.028	14.39	0.027	14.40	0.028
15	64QAM	36	20	14.41	0.028	14.43	0.028	14.56	0.029
15	64QAM	36	39	14.45	0.028	14.42	0.028	14.60	0.029
15	64QAM	75	0	14.43	0.028	14.40	0.028	14.51	0.028



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.34	0.043	16.36	0.043	16.31	0.043
10	QPSK	1	25	16.29	0.043	16.30	0.043	16.31	0.043
10	QPSK	1	49	16.21	0.042	16.23	0.042	16.26	0.042
10	QPSK	25	0	15.43	0.035	15.34	0.034	15.42	0.035
10	QPSK	25	12	15.37	0.034	15.40	0.035	15.41	0.035
10	QPSK	25	25	15.34	0.034	15.37	0.034	15.43	0.035
10	QPSK	50	0	15.31	0.034	15.40	0.035	15.35	0.034
10	16QAM	1	0	15.26	0.034	15.29	0.034	15.35	0.034
10	16QAM	1	25	15.29	0.034	15.35	0.034	15.20	0.033
10	16QAM	1	49	15.36	0.034	15.35	0.034	15.46	0.035
10	16QAM	25	0	14.42	0.028	14.38	0.027	14.43	0.028
10	16QAM	25	12	14.45	0.028	14.34	0.027	14.38	0.027
10	16QAM	25	25	14.50	0.028	14.36	0.027	14.37	0.027
10	16QAM	50	0	14.42	0.028	14.41	0.028	14.39	0.027
10	64QAM	1	0	14.54	0.028	14.48	0.028	14.52	0.028
10	64QAM	1	25	14.34	0.027	14.36	0.027	14.52	0.028
10	64QAM	1	49	14.44	0.028	14.45	0.028	14.56	0.029
10	64QAM	25	0	14.36	0.027	14.33	0.027	14.34	0.027
10	64QAM	25	12	14.35	0.027	14.37	0.027	14.50	0.028
10	64QAM	25	25	14.39	0.027	14.36	0.027	14.54	0.028
10	64QAM	50	0	14.37	0.027	14.34	0.027	14.45	0.028



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.28	0.042	16.30	0.043	16.25	0.042
5	QPSK	1	12	16.23	0.042	16.24	0.042	16.25	0.042
5	QPSK	1	24	16.15	0.041	16.17	0.041	16.20	0.042
5	QPSK	12	0	15.37	0.034	15.28	0.034	15.36	0.034
5	QPSK	12	7	15.31	0.034	15.34	0.034	15.35	0.034
5	QPSK	12	13	15.28	0.034	15.31	0.034	15.37	0.034
5	QPSK	25	0	15.25	0.033	15.34	0.034	15.29	0.034
5	16QAM	1	0	15.06	0.032	15.23	0.033	15.29	0.034
5	16QAM	1	12	15.23	0.033	15.29	0.034	15.14	0.033
5	16QAM	1	24	15.30	0.034	15.29	0.034	15.40	0.035
5	16QAM	12	0	14.36	0.027	14.32	0.027	14.37	0.027
5	16QAM	12	7	14.39	0.027	14.28	0.027	14.32	0.027
5	16QAM	12	13	14.44	0.028	14.30	0.027	14.31	0.027
5	16QAM	25	0	14.36	0.027	14.35	0.027	14.33	0.027
5	64QAM	1	0	14.48	0.028	14.42	0.028	14.46	0.028
5	64QAM	1	12	14.28	0.027	14.30	0.027	14.46	0.028
5	64QAM	1	24	14.38	0.027	14.39	0.027	14.50	0.028
5	64QAM	12	0	14.30	0.027	14.27	0.027	14.28	0.027
5	64QAM	12	7	14.29	0.027	14.31	0.027	14.44	0.028
5	64QAM	12	13	14.33	0.027	14.30	0.027	14.48	0.028
5	64QAM	25	0	14.31	0.027	14.28	0.027	14.39	0.027



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	11.57	0.014	/	/
10	QPSK	1	25	/	/	11.51	0.014	/	/
10	QPSK	1	49	/	/	11.48	0.014	/	/
10	QPSK	25	0	/	/	10.51	0.011	/	/
10	QPSK	25	12	/	/	10.44	0.011	/	/
10	QPSK	25	25	/	/	10.45	0.011	/	/
10	QPSK	50	0	/	/	10.46	0.011	/	/
10	16QAM	1	0	/	/	10.61	0.012	/	/
10	16QAM	1	25	/	/	10.58	0.011	/	/
10	16QAM	1	49	/	/	10.69	0.012	/	/
10	16QAM	25	0	/	/	9.55	0.009	/	/
10	16QAM	25	12	/	/	9.55	0.009	/	/
10	16QAM	25	25	/	/	9.47	0.009	/	/
10	16QAM	50	0	/	/	9.51	0.009	/	/
10	64QAM	1	0	/	/	9.63	0.009	/	/
10	64QAM	1	25	/	/	9.72	0.009	/	/
10	64QAM	1	49	/	/	9.66	0.009	/	/
10	64QAM	25	0	/	/	9.53	0.009	/	/
10	64QAM	25	12	/	/	9.50	0.009	/	/
10	64QAM	25	25	/	/	9.54	0.009	/	/
10	64QAM	50	0	/	/	9.45	0.009	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	10.59	0.011	10.52	0.011	10.48	0.011
5	QPSK	1	12	10.49	0.011	10.45	0.011	10.51	0.011
5	QPSK	1	24	10.36	0.011	10.33	0.011	10.42	0.011
5	QPSK	12	0	9.59	0.009	9.55	0.009	9.56	0.009
5	QPSK	12	7	9.54	0.009	9.51	0.009	9.54	0.009
5	QPSK	12	13	9.53	0.009	9.51	0.009	9.45	0.009
5	QPSK	25	0	9.45	0.009	9.51	0.009	9.45	0.009
5	16QAM	1	0	9.68	0.009	9.69	0.009	9.68	0.009
5	16QAM	1	12	9.59	0.009	9.65	0.009	9.59	0.009
5	16QAM	1	24	9.72	0.009	9.69	0.009	9.70	0.009
5	16QAM	12	0	8.59	0.007	8.60	0.007	8.62	0.007
5	16QAM	12	7	8.55	0.007	8.56	0.007	8.58	0.007
5	16QAM	12	13	8.48	0.007	8.51	0.007	8.54	0.007
5	16QAM	25	0	8.57	0.007	8.50	0.007	8.57	0.007
5	64QAM	1	0	8.70	0.007	8.64	0.007	8.70	0.007
5	64QAM	1	12	8.72	0.007	8.77	0.008	8.79	0.008
5	64QAM	1	24	8.65	0.007	8.68	0.007	8.65	0.007
5	64QAM	12	0	8.61	0.007	8.61	0.007	8.52	0.007
5	64QAM	12	7	8.54	0.007	8.49	0.007	8.56	0.007
5	64QAM	12	13	8.61	0.007	8.59	0.007	8.56	0.007
5	64QAM	25	0	8.48	0.007	8.51	0.007	8.50	0.007



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	12.60	0.018	12.59	0.018	12.62	0.018
15	QPSK	1	37	12.86	0.019	12.91	0.020	12.82	0.019
15	QPSK	1	74	12.64	0.018	12.66	0.018	12.57	0.018
15	QPSK	36	0	11.87	0.015	11.89	0.015	11.89	0.015
15	QPSK	36	20	11.64	0.015	11.87	0.015	11.52	0.014
15	QPSK	36	39	11.65	0.015	11.79	0.015	11.79	0.015
15	QPSK	75	0	11.76	0.015	11.83	0.015	11.85	0.015
15	16QAM	1	0	11.76	0.015	11.63	0.015	11.98	0.016
15	16QAM	1	37	11.68	0.015	11.82	0.015	12.20	0.017
15	16QAM	1	74	11.50	0.014	11.54	0.014	11.99	0.016
15	16QAM	36	0	10.80	0.012	10.83	0.012	10.82	0.012
15	16QAM	36	20	10.81	0.012	10.79	0.012	10.87	0.012
15	16QAM	36	39	10.78	0.012	10.73	0.012	10.80	0.012
15	16QAM	75	0	10.85	0.012	10.82	0.012	10.86	0.012
15	64QAM	1	0	10.29	0.011	10.29	0.011	10.88	0.012
15	64QAM	1	37	10.66	0.012	10.68	0.012	10.91	0.012
15	64QAM	1	74	10.41	0.011	10.25	0.011	10.72	0.012
15	64QAM	36	0	9.72	0.009	9.89	0.010	9.84	0.010
15	64QAM	36	20	9.75	0.009	9.81	0.010	9.68	0.009
15	64QAM	36	39	9.69	0.009	9.71	0.009	9.66	0.009
15	64QAM	75	0	9.84	0.010	9.74	0.009	9.84	0.010



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	12.58	0.018	12.71	0.019	12.65	0.018
10	QPSK	1	25	12.82	0.019	12.85	0.019	12.84	0.019
10	QPSK	1	49	12.63	0.018	12.70	0.019	12.72	0.019
10	QPSK	25	0	11.90	0.015	11.64	0.015	11.94	0.016
10	QPSK	25	12	11.85	0.015	11.60	0.014	11.86	0.015
10	QPSK	25	25	11.86	0.015	11.55	0.014	11.76	0.015
10	QPSK	50	0	11.86	0.015	11.87	0.015	11.85	0.015
10	16QAM	1	0	12.00	0.016	11.62	0.015	11.78	0.015
10	16QAM	1	25	12.13	0.016	11.91	0.016	11.76	0.015
10	16QAM	1	49	12.03	0.016	11.67	0.015	11.57	0.014
10	16QAM	25	0	10.88	0.012	10.92	0.012	10.80	0.012
10	16QAM	25	12	10.84	0.012	10.79	0.012	10.90	0.012
10	16QAM	25	25	10.87	0.012	10.76	0.012	10.80	0.012
10	16QAM	50	0	10.83	0.012	10.78	0.012	10.88	0.012
10	64QAM	1	0	10.90	0.012	10.79	0.012	10.91	0.012
10	64QAM	1	25	10.93	0.012	10.85	0.012	10.77	0.012
10	64QAM	1	49	10.95	0.012	10.78	0.012	10.66	0.012
10	64QAM	25	0	9.89	0.010	9.83	0.010	9.97	0.010
10	64QAM	25	12	9.90	0.010	9.85	0.010	9.89	0.010
10	64QAM	25	25	9.86	0.010	9.80	0.010	9.81	0.010
10	64QAM	50	0	9.89	0.010	9.88	0.010	9.84	0.010



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	12.65	0.018	12.64	0.018	12.59	0.018
5	QPSK	1	12	12.94	0.020	12.96	0.020	12.94	0.020
5	QPSK	1	24	12.63	0.018	12.61	0.018	12.57	0.018
5	QPSK	12	0	11.85	0.015	11.88	0.015	11.90	0.015
5	QPSK	12	7	11.90	0.015	11.89	0.015	11.89	0.015
5	QPSK	12	13	11.84	0.015	11.77	0.015	11.81	0.015
5	QPSK	25	0	11.82	0.015	11.83	0.015	11.86	0.015
5	16QAM	1	0	11.68	0.015	11.65	0.015	11.56	0.014
5	16QAM	1	12	11.97	0.016	11.81	0.015	11.70	0.015
5	16QAM	1	24	11.63	0.015	11.58	0.014	11.50	0.014
5	16QAM	12	0	10.85	0.012	10.85	0.012	10.73	0.012
5	16QAM	12	7	10.85	0.012	10.89	0.012	10.80	0.012
5	16QAM	12	13	10.84	0.012	10.80	0.012	10.69	0.012
5	16QAM	25	0	10.69	0.012	10.86	0.012	10.83	0.012
5	64QAM	1	0	10.67	0.012	10.27	0.011	10.33	0.011
5	64QAM	1	12	10.76	0.012	10.71	0.012	10.62	0.012
5	64QAM	1	24	10.64	0.012	10.32	0.011	10.45	0.011
5	64QAM	12	0	9.89	0.010	9.92	0.010	9.79	0.010
5	64QAM	12	7	9.82	0.010	9.95	0.010	9.81	0.010
5	64QAM	12	13	9.90	0.010	9.84	0.010	9.80	0.010
5	64QAM	25	0	9.85	0.010	9.84	0.010	9.74	0.009



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	12.77	0.019	12.69	0.019	12.78	0.019
3	QPSK	1	8	12.82	0.019	12.73	0.019	12.79	0.019
3	QPSK	1	14	12.78	0.019	12.70	0.019	12.72	0.019
3	QPSK	8	0	11.85	0.015	11.86	0.015	11.84	0.015
3	QPSK	8	4	11.86	0.015	11.87	0.015	11.87	0.015
3	QPSK	8	7	11.87	0.015	11.83	0.015	11.85	0.015
3	QPSK	15	0	11.71	0.015	11.78	0.015	11.68	0.015
3	16QAM	1	0	11.75	0.015	11.70	0.015	11.56	0.014
3	16QAM	1	8	11.70	0.015	11.70	0.015	11.58	0.014
3	16QAM	1	14	11.63	0.015	11.62	0.015	11.61	0.014
3	16QAM	8	0	10.89	0.012	10.92	0.012	10.92	0.012
3	16QAM	8	4	10.88	0.012	10.87	0.012	10.91	0.012
3	16QAM	8	7	10.90	0.012	10.77	0.012	10.89	0.012
3	16QAM	15	0	10.75	0.012	10.77	0.012	10.75	0.012
3	64QAM	1	0	10.28	0.011	10.73	0.012	10.54	0.011
3	64QAM	1	8	10.67	0.012	10.72	0.012	10.56	0.011
3	64QAM	1	14	10.61	0.012	10.62	0.012	10.54	0.011
3	64QAM	8	0	9.95	0.010	9.93	0.010	9.76	0.009
3	64QAM	8	4	9.82	0.010	9.92	0.010	9.73	0.009
3	64QAM	8	7	9.80	0.010	9.88	0.010	9.79	0.010
3	64QAM	15	0	9.82	0.010	9.86	0.010	9.86	0.010



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	12.74	0.019	12.74	0.019	12.71	0.019
1.4	QPSK	1	3	12.83	0.019	12.79	0.019	12.81	0.019
1.4	QPSK	1	5	12.66	0.018	12.70	0.019	12.62	0.018
1.4	QPSK	3	0	12.66	0.018	12.60	0.018	12.81	0.019
1.4	QPSK	3	1	12.93	0.020	12.86	0.019	12.84	0.019
1.4	QPSK	3	3	12.88	0.019	12.57	0.018	12.79	0.019
1.4	QPSK	6	0	11.77	0.015	11.74	0.015	11.72	0.015
1.4	16QAM	1	0	12.22	0.017	12.03	0.016	11.97	0.016
1.4	16QAM	1	3	11.13	0.013	12.17	0.016	12.01	0.016
1.4	16QAM	1	5	12.27	0.017	12.05	0.016	11.91	0.016
1.4	16QAM	3	0	11.90	0.015	11.81	0.015	11.70	0.015
1.4	16QAM	3	1	11.92	0.016	11.83	0.015	11.72	0.015
1.4	16QAM	3	3	11.83	0.015	11.79	0.015	11.66	0.015
1.4	16QAM	6	0	10.06	0.010	10.94	0.012	10.89	0.012
1.4	64QAM	1	0	11.06	0.013	10.97	0.013	10.84	0.012
1.4	64QAM	1	3	11.09	0.013	10.94	0.012	10.92	0.012
1.4	64QAM	1	5	10.59	0.011	10.94	0.012	10.84	0.012
1.4	64QAM	3	0	10.98	0.013	10.92	0.012	10.92	0.012
1.4	64QAM	3	1	11.09	0.013	11.01	0.013	10.93	0.012
1.4	64QAM	3	3	11.11	0.013	10.91	0.012	10.93	0.012
1.4	64QAM	6	0	9.87	0.010	9.81	0.010	9.64	0.009



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	17.05	0.051	17.06	0.051	17.00	0.050
20	QPSK	1	49	16.93	0.049	17.01	0.050	16.90	0.049
20	QPSK	1	99	17.05	0.051	17.02	0.050	16.84	0.048
20	QPSK	50	0	16.49	0.045	16.54	0.045	16.52	0.045
20	QPSK	50	24	16.35	0.043	16.36	0.043	16.22	0.042
20	QPSK	50	50	16.32	0.043	16.25	0.042	16.18	0.041
20	QPSK	100	0	16.35	0.043	16.38	0.043	16.25	0.042
20	16QAM	1	0	16.25	0.042	16.26	0.042	16.14	0.041
20	16QAM	1	49	16.15	0.041	16.18	0.041	16.22	0.042
20	16QAM	1	99	16.07	0.040	16.11	0.041	16.08	0.041
20	16QAM	50	0	15.12	0.033	15.19	0.033	15.00	0.032
20	16QAM	50	24	15.20	0.033	15.15	0.033	15.17	0.033
20	16QAM	50	50	15.02	0.032	15.07	0.032	15.00	0.032
20	16QAM	100	0	15.11	0.032	15.12	0.033	15.06	0.032
20	64QAM	1	0	15.16	0.033	15.23	0.033	15.14	0.033
20	64QAM	1	49	14.98	0.031	15.06	0.032	15.09	0.032
20	64QAM	1	99	15.05	0.032	15.07	0.032	15.08	0.032
20	64QAM	50	0	15.04	0.032	15.09	0.032	15.04	0.032
20	64QAM	50	24	15.08	0.032	15.04	0.032	15.00	0.032
20	64QAM	50	50	14.95	0.031	15.02	0.032	14.89	0.031
20	64QAM	100	0	14.87	0.031	15.05	0.032	14.91	0.031



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.96	0.050	17.00	0.050	16.99	0.050
15	QPSK	1	37	16.85	0.048	16.93	0.049	16.82	0.048
15	QPSK	1	74	16.97	0.050	16.94	0.049	16.76	0.047
15	QPSK	36	0	16.40	0.044	16.45	0.044	16.43	0.044
15	QPSK	36	20	16.26	0.042	16.27	0.042	16.13	0.041
15	QPSK	36	39	16.23	0.042	16.16	0.041	16.09	0.041
15	QPSK	75	0	16.26	0.042	16.29	0.043	16.16	0.041
15	16QAM	1	0	16.16	0.041	16.17	0.041	16.05	0.040
15	16QAM	1	37	16.06	0.040	16.09	0.041	16.13	0.041
15	16QAM	1	74	15.98	0.040	16.02	0.040	15.99	0.040
15	16QAM	36	0	15.03	0.032	15.10	0.032	14.91	0.031
15	16QAM	36	20	15.11	0.032	15.06	0.032	15.08	0.032
15	16QAM	36	39	14.93	0.031	14.98	0.031	14.91	0.031
15	16QAM	75	0	15.02	0.032	15.03	0.032	14.97	0.031
15	64QAM	1	0	15.07	0.032	15.14	0.033	15.05	0.032
15	64QAM	1	37	14.89	0.031	14.97	0.031	15.00	0.032
15	64QAM	1	74	14.96	0.031	14.98	0.031	14.99	0.032
15	64QAM	36	0	14.95	0.031	15.00	0.032	14.95	0.031
15	64QAM	36	20	14.99	0.032	14.95	0.031	14.91	0.031
15	64QAM	36	39	14.86	0.031	14.93	0.031	14.80	0.030
15	64QAM	75	0	14.78	0.030	14.96	0.031	14.82	0.030



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.84	0.048	16.88	0.049	16.87	0.049
10	QPSK	1	25	16.73	0.047	16.81	0.048	16.70	0.047
10	QPSK	1	49	16.85	0.048	16.82	0.048	16.64	0.046
10	QPSK	25	0	16.28	0.042	16.33	0.043	16.31	0.043
10	QPSK	25	12	16.14	0.041	16.15	0.041	16.01	0.040
10	QPSK	25	25	16.11	0.041	16.04	0.040	15.97	0.040
10	QPSK	50	0	16.14	0.041	16.17	0.041	16.04	0.040
10	16QAM	1	0	16.04	0.040	16.05	0.040	15.93	0.039
10	16QAM	1	25	15.94	0.039	15.97	0.040	16.01	0.040
10	16QAM	1	49	15.86	0.039	15.90	0.039	15.87	0.039
10	16QAM	25	0	14.91	0.031	14.98	0.031	14.79	0.030
10	16QAM	25	12	14.99	0.032	14.94	0.031	14.96	0.031
10	16QAM	25	25	14.81	0.030	14.86	0.031	14.79	0.030
10	16QAM	50	0	14.90	0.031	14.91	0.031	14.85	0.031
10	64QAM	1	0	14.95	0.031	15.02	0.032	14.93	0.031
10	64QAM	1	25	14.77	0.030	14.85	0.031	14.88	0.031
10	64QAM	1	49	14.84	0.030	14.86	0.031	14.87	0.031
10	64QAM	25	0	14.83	0.030	14.88	0.031	14.83	0.030
10	64QAM	25	12	14.87	0.031	14.83	0.030	14.79	0.030
10	64QAM	25	25	14.74	0.030	14.81	0.030	14.68	0.029
10	64QAM	50	0	14.66	0.029	14.84	0.030	14.70	0.030



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.75	0.047	16.79	0.048	16.78	0.048
5	QPSK	1	12	16.64	0.046	16.72	0.047	16.61	0.046
5	QPSK	1	24	16.76	0.047	16.73	0.047	16.55	0.045
5	QPSK	12	0	16.19	0.042	16.24	0.042	16.22	0.042
5	QPSK	12	7	16.05	0.040	16.06	0.040	15.92	0.039
5	QPSK	12	13	16.02	0.040	15.95	0.039	15.88	0.039
5	QPSK	25	0	16.05	0.040	16.08	0.041	15.95	0.039
5	16QAM	1	0	15.95	0.039	15.96	0.039	15.84	0.038
5	16QAM	1	12	15.85	0.038	15.88	0.039	15.92	0.039
5	16QAM	1	24	15.77	0.038	15.81	0.038	15.78	0.038
5	16QAM	12	0	14.82	0.030	14.89	0.031	14.70	0.030
5	16QAM	12	7	14.90	0.031	14.85	0.031	14.87	0.031
5	16QAM	12	13	14.72	0.030	14.77	0.030	14.70	0.030
5	16QAM	25	0	14.81	0.030	14.82	0.030	14.76	0.030
5	64QAM	1	0	14.86	0.031	14.93	0.031	14.84	0.030
5	64QAM	1	12	14.68	0.029	14.76	0.030	14.79	0.030
5	64QAM	1	24	14.75	0.030	14.77	0.030	14.78	0.030
5	64QAM	12	0	14.74	0.030	14.79	0.030	14.74	0.030
5	64QAM	12	7	14.78	0.030	14.74	0.030	14.70	0.030
5	64QAM	12	13	14.65	0.029	14.72	0.030	14.59	0.029
5	64QAM	25	0	14.57	0.029	14.75	0.030	14.61	0.029



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	17.25	0.053	17.21	0.053	17.18	0.052
20	QPSK	1	49	17.15	0.052	17.05	0.051	17.03	0.050
20	QPSK	1	99	17.24	0.053	17.20	0.052	17.02	0.050
20	QPSK	50	0	16.69	0.047	16.94	0.049	16.72	0.047
20	QPSK	50	24	16.60	0.046	16.51	0.045	16.33	0.043
20	QPSK	50	50	16.62	0.046	16.47	0.044	16.20	0.042
20	QPSK	100	0	16.61	0.046	16.52	0.045	16.30	0.043
20	16QAM	1	0	16.69	0.047	16.65	0.046	16.60	0.046
20	16QAM	1	49	16.62	0.046	16.59	0.046	16.55	0.045
20	16QAM	1	99	16.55	0.045	16.64	0.046	16.52	0.045
20	16QAM	50	0	15.70	0.037	15.52	0.036	15.37	0.034
20	16QAM	50	24	15.64	0.037	15.55	0.036	15.40	0.035
20	16QAM	50	50	15.61	0.036	15.40	0.035	15.36	0.034
20	16QAM	100	0	15.52	0.036	15.55	0.036	15.50	0.035
20	64QAM	1	0	15.60	0.036	15.58	0.036	15.52	0.036
20	64QAM	1	49	15.59	0.036	15.49	0.035	15.42	0.035
20	64QAM	1	99	15.53	0.036	15.53	0.036	15.47	0.035
20	64QAM	50	0	15.65	0.037	15.46	0.035	15.23	0.033
20	64QAM	50	24	15.55	0.036	15.49	0.035	15.41	0.035
20	64QAM	50	50	15.42	0.035	15.44	0.035	15.35	0.034
20	64QAM	100	0	15.61	0.036	15.60	0.036	15.50	0.035



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	17.10	0.051	17.06	0.051	17.03	0.050
15	QPSK	1	37	17.00	0.050	16.90	0.049	16.88	0.049
15	QPSK	1	74	17.09	0.051	17.05	0.051	16.87	0.049
15	QPSK	36	0	16.52	0.045	16.77	0.048	16.55	0.045
15	QPSK	36	20	16.43	0.044	16.34	0.043	16.16	0.041
15	QPSK	36	39	16.45	0.044	16.30	0.043	16.03	0.040
15	QPSK	75	0	16.44	0.044	16.35	0.043	16.13	0.041
15	16QAM	1	0	16.52	0.045	16.48	0.044	16.43	0.044
15	16QAM	1	37	16.45	0.044	16.42	0.044	16.38	0.043
15	16QAM	1	74	16.38	0.043	16.47	0.044	16.35	0.043
15	16QAM	36	0	15.53	0.036	15.35	0.034	15.20	0.033
15	16QAM	36	20	15.47	0.035	15.38	0.035	15.23	0.033
15	16QAM	36	39	15.44	0.035	15.23	0.033	15.19	0.033
15	16QAM	75	0	15.35	0.034	15.38	0.035	15.33	0.034
15	64QAM	1	0	15.43	0.035	15.41	0.035	15.35	0.034
15	64QAM	1	37	15.42	0.035	15.32	0.034	15.25	0.033
15	64QAM	1	74	15.36	0.034	15.36	0.034	15.30	0.034
15	64QAM	36	0	15.48	0.035	15.29	0.034	15.06	0.032
15	64QAM	36	20	15.38	0.035	15.32	0.034	15.24	0.033
15	64QAM	36	39	15.25	0.033	15.27	0.034	15.18	0.033
15	64QAM	75	0	15.44	0.035	15.43	0.035	15.33	0.034



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.02	0.050	16.98	0.050	16.95	0.050
10	QPSK	1	25	16.92	0.049	16.82	0.048	16.80	0.048
10	QPSK	1	49	17.01	0.050	16.97	0.050	16.79	0.048
10	QPSK	25	0	16.44	0.044	16.69	0.047	16.47	0.044
10	QPSK	25	12	16.35	0.043	16.26	0.042	16.08	0.041
10	QPSK	25	25	16.37	0.043	16.22	0.042	15.95	0.039
10	QPSK	50	0	16.36	0.043	16.27	0.042	16.05	0.040
10	16QAM	1	0	16.44	0.044	16.40	0.044	16.35	0.043
10	16QAM	1	25	16.37	0.043	16.34	0.043	16.30	0.043
10	16QAM	1	49	16.30	0.043	16.39	0.044	16.27	0.042
10	16QAM	25	0	15.45	0.035	15.27	0.034	15.12	0.033
10	16QAM	25	12	15.39	0.035	15.30	0.034	15.15	0.033
10	16QAM	25	25	15.36	0.034	15.15	0.033	15.11	0.032
10	16QAM	50	0	15.27	0.034	15.30	0.034	15.25	0.033
10	64QAM	1	0	15.35	0.034	15.33	0.034	15.27	0.034
10	64QAM	1	25	15.34	0.034	15.24	0.033	15.17	0.033
10	64QAM	1	49	15.28	0.034	15.28	0.034	15.22	0.033
10	64QAM	25	0	15.40	0.035	15.21	0.033	14.98	0.031
10	64QAM	25	12	15.30	0.034	15.24	0.033	15.16	0.033
10	64QAM	25	25	15.17	0.033	15.19	0.033	15.10	0.032
10	64QAM	50	0	15.36	0.034	15.35	0.034	15.25	0.033



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.94	0.049	16.90	0.049	16.87	0.049
5	QPSK	1	12	16.84	0.048	16.74	0.047	16.72	0.047
5	QPSK	1	24	16.93	0.049	16.89	0.049	16.71	0.047
5	QPSK	12	0	16.36	0.043	16.61	0.046	16.39	0.044
5	QPSK	12	7	16.27	0.042	16.18	0.041	16.00	0.040
5	QPSK	12	13	16.29	0.043	16.14	0.041	15.87	0.039
5	QPSK	25	0	16.28	0.042	16.19	0.042	15.97	0.040
5	16QAM	1	0	16.36	0.043	16.32	0.043	16.27	0.042
5	16QAM	1	12	16.29	0.043	16.26	0.042	16.22	0.042
5	16QAM	1	24	16.22	0.042	16.31	0.043	16.19	0.042
5	16QAM	12	0	15.37	0.034	15.19	0.033	15.04	0.032
5	16QAM	12	7	15.31	0.034	15.22	0.033	15.07	0.032
5	16QAM	12	13	15.28	0.034	15.07	0.032	15.03	0.032
5	16QAM	25	0	15.19	0.033	15.22	0.033	15.17	0.033
5	64QAM	1	0	15.27	0.034	15.25	0.033	15.19	0.033
5	64QAM	1	12	15.26	0.034	15.16	0.033	15.09	0.032
5	64QAM	1	24	15.20	0.033	15.20	0.033	15.14	0.033
5	64QAM	12	0	15.32	0.034	15.13	0.033	14.90	0.031
5	64QAM	12	7	15.22	0.033	15.16	0.033	15.08	0.032
5	64QAM	12	13	15.09	0.032	15.11	0.032	15.02	0.032
5	64QAM	25	0	15.28	0.034	15.27	0.034	15.17	0.033



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	16.85	0.048	16.86	0.049	16.84	0.048
20	QPSK	1	49	16.66	0.046	16.78	0.048	16.63	0.046
20	QPSK	1	99	16.74	0.047	16.74	0.047	16.71	0.047
20	QPSK	50	0	16.40	0.044	16.45	0.044	16.33	0.043
20	QPSK	50	24	16.21	0.042	16.29	0.043	16.28	0.042
20	QPSK	50	50	16.30	0.043	16.25	0.042	16.27	0.042
20	QPSK	100	0	16.26	0.042	16.31	0.043	16.28	0.042
20	16QAM	1	0	16.56	0.045	16.51	0.045	16.53	0.045
20	16QAM	1	49	16.43	0.044	16.52	0.045	16.29	0.043
20	16QAM	1	99	16.37	0.043	16.44	0.044	16.52	0.045
20	16QAM	50	0	15.23	0.033	15.16	0.033	15.15	0.033
20	16QAM	50	24	15.35	0.034	15.30	0.034	15.18	0.033
20	16QAM	50	50	15.28	0.034	15.27	0.034	15.24	0.033
20	16QAM	100	0	15.29	0.034	15.26	0.034	15.16	0.033
20	64QAM	1	0	15.52	0.036	15.49	0.035	15.50	0.035
20	64QAM	1	49	15.40	0.035	15.50	0.035	15.24	0.033
20	64QAM	1	99	15.31	0.034	15.44	0.035	15.45	0.035
20	64QAM	50	0	15.20	0.033	15.15	0.033	15.15	0.033
20	64QAM	50	24	15.27	0.034	15.25	0.033	15.17	0.033
20	64QAM	50	50	15.20	0.033	15.21	0.033	15.21	0.033
20	64QAM	100	0	15.31	0.034	15.20	0.033	15.09	0.032



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.73	0.047	16.72	0.047	16.70	0.047
15	QPSK	1	37	16.59	0.046	16.71	0.047	16.56	0.045
15	QPSK	1	74	16.67	0.046	16.67	0.046	16.64	0.046
15	QPSK	36	0	16.33	0.043	16.38	0.043	16.26	0.042
15	QPSK	36	20	16.14	0.041	16.22	0.042	16.21	0.042
15	QPSK	36	39	16.23	0.042	16.18	0.041	16.20	0.042
15	QPSK	75	0	16.19	0.042	16.24	0.042	16.21	0.042
15	16QAM	1	0	16.49	0.045	16.44	0.044	16.46	0.044
15	16QAM	1	37	16.36	0.043	16.45	0.044	16.22	0.042
15	16QAM	1	74	16.30	0.043	16.37	0.043	16.45	0.044
15	16QAM	36	0	15.16	0.033	15.09	0.032	15.08	0.032
15	16QAM	36	20	15.28	0.034	15.23	0.033	15.11	0.032
15	16QAM	36	39	15.21	0.033	15.20	0.033	15.17	0.033
15	16QAM	75	0	15.22	0.033	15.19	0.033	15.09	0.032
15	64QAM	1	0	15.45	0.035	15.42	0.035	15.43	0.035
15	64QAM	1	37	15.33	0.034	15.43	0.035	15.17	0.033
15	64QAM	1	74	15.24	0.033	15.37	0.034	15.38	0.035
15	64QAM	36	0	15.13	0.033	15.08	0.032	15.08	0.032
15	64QAM	36	20	15.20	0.033	15.18	0.033	15.10	0.032
15	64QAM	36	39	15.13	0.033	15.14	0.033	15.14	0.033
15	64QAM	75	0	15.24	0.033	15.13	0.033	15.02	0.032



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.66	0.046	16.65	0.046	16.63	0.046
10	QPSK	1	25	16.52	0.045	16.64	0.046	16.49	0.045
10	QPSK	1	49	16.60	0.046	16.60	0.046	16.57	0.045
10	QPSK	25	0	16.26	0.042	16.31	0.043	16.19	0.042
10	QPSK	25	12	16.10	0.041	16.15	0.041	16.14	0.041
10	QPSK	25	25	16.16	0.041	16.11	0.041	16.13	0.041
10	QPSK	50	0	16.12	0.041	16.17	0.041	16.14	0.041
10	16QAM	1	0	16.42	0.044	16.37	0.043	16.39	0.044
10	16QAM	1	25	16.29	0.043	16.38	0.043	16.15	0.041
10	16QAM	1	49	16.23	0.042	16.30	0.043	16.38	0.043
10	16QAM	25	0	15.09	0.032	15.02	0.032	15.01	0.032
10	16QAM	25	12	15.21	0.033	15.16	0.033	15.04	0.032
10	16QAM	25	25	15.14	0.033	15.13	0.033	15.10	0.032
10	16QAM	50	0	15.15	0.033	15.12	0.033	15.02	0.032
10	64QAM	1	0	15.38	0.035	15.35	0.034	15.36	0.034
10	64QAM	1	25	15.26	0.034	15.36	0.034	15.10	0.032
10	64QAM	1	49	15.17	0.033	15.30	0.034	15.31	0.034
10	64QAM	25	0	15.06	0.032	15.01	0.032	15.01	0.032
10	64QAM	25	12	15.13	0.033	15.11	0.032	15.03	0.032
10	64QAM	25	25	15.06	0.032	15.07	0.032	15.07	0.032
10	64QAM	50	0	15.17	0.033	15.06	0.032	14.95	0.031



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.59	0.046	16.58	0.045	16.56	0.045
5	QPSK	1	12	16.45	0.044	16.57	0.045	16.42	0.044
5	QPSK	1	24	16.53	0.045	16.53	0.045	16.50	0.045
5	QPSK	12	0	16.19	0.042	16.24	0.042	16.12	0.041
5	QPSK	12	7	16.00	0.040	16.08	0.041	16.07	0.040
5	QPSK	12	13	16.09	0.041	16.04	0.040	16.06	0.040
5	QPSK	25	0	16.05	0.040	16.10	0.041	16.07	0.040
5	16QAM	1	0	16.35	0.043	16.30	0.043	16.32	0.043
5	16QAM	1	12	16.22	0.042	16.31	0.043	16.08	0.041
5	16QAM	1	24	16.16	0.041	16.23	0.042	16.31	0.043
5	16QAM	12	0	15.02	0.032	14.95	0.031	14.94	0.031
5	16QAM	12	7	15.14	0.033	15.09	0.032	14.97	0.031
5	16QAM	12	13	15.07	0.032	15.06	0.032	15.03	0.032
5	16QAM	25	0	15.08	0.032	15.05	0.032	14.95	0.031
5	64QAM	1	0	15.31	0.034	15.28	0.034	15.29	0.034
5	64QAM	1	12	15.19	0.033	15.29	0.034	15.03	0.032
5	64QAM	1	24	15.10	0.032	15.23	0.033	15.24	0.033
5	64QAM	12	0	14.99	0.032	14.94	0.031	14.94	0.031
5	64QAM	12	7	15.06	0.032	15.04	0.032	14.96	0.031
5	64QAM	12	13	14.99	0.032	15.00	0.032	15.00	0.032
5	64QAM	25	0	15.10	0.032	14.99	0.032	14.88	0.031



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	16.52	0.045	16.51	0.045	16.49	0.045
3	QPSK	1	8	16.38	0.043	16.50	0.045	16.35	0.043
3	QPSK	1	14	16.46	0.044	16.46	0.044	16.43	0.044
3	QPSK	8	0	16.02	0.040	16.07	0.040	15.95	0.039
3	QPSK	8	4	15.83	0.038	15.91	0.039	15.90	0.039
3	QPSK	8	7	15.92	0.039	15.87	0.039	15.89	0.039
3	QPSK	15	0	15.88	0.039	15.93	0.039	15.90	0.039
3	16QAM	1	0	16.18	0.041	16.13	0.041	16.15	0.041
3	16QAM	1	8	16.05	0.040	16.14	0.041	15.91	0.039
3	16QAM	1	14	15.99	0.040	16.06	0.040	16.14	0.041
3	16QAM	8	0	14.85	0.031	14.78	0.030	14.77	0.030
3	16QAM	8	4	14.97	0.031	14.92	0.031	14.80	0.030
3	16QAM	8	7	14.90	0.031	14.89	0.031	14.86	0.031
3	16QAM	15	0	14.91	0.031	14.88	0.031	14.78	0.030
3	64QAM	1	0	15.14	0.033	15.11	0.032	15.12	0.033
3	64QAM	1	8	15.02	0.032	15.12	0.033	14.86	0.031
3	64QAM	1	14	14.93	0.031	15.06	0.032	15.07	0.032
3	64QAM	8	0	14.82	0.030	14.77	0.030	14.77	0.030
3	64QAM	8	4	14.89	0.031	14.87	0.031	14.79	0.030
3	64QAM	8	7	14.82	0.030	14.83	0.030	14.83	0.030
3	64QAM	15	0	14.93	0.031	14.82	0.030	14.71	0.030



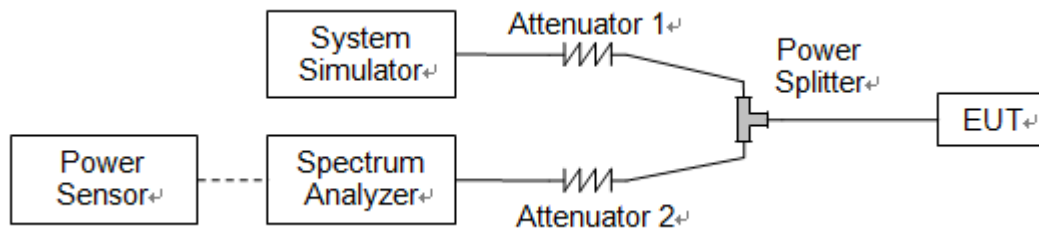
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	16.45	0.044	16.44	0.044	16.42	0.044
1.4	QPSK	1	3	16.31	0.043	16.43	0.044	16.28	0.042
1.4	QPSK	1	5	16.39	0.044	16.39	0.044	16.36	0.043
1.4	QPSK	3	0	15.67	0.037	15.72	0.037	15.60	0.036
1.4	QPSK	3	1	15.48	0.035	15.56	0.036	15.55	0.036
1.4	QPSK	3	3	15.57	0.036	15.52	0.036	15.54	0.036
1.4	QPSK	6	0	15.53	0.036	15.58	0.036	15.55	0.036
1.4	16QAM	1	0	15.61	0.036	15.56	0.036	15.58	0.036
1.4	16QAM	1	3	15.48	0.035	15.57	0.036	15.34	0.034
1.4	16QAM	1	5	15.42	0.035	15.49	0.035	15.57	0.036
1.4	16QAM	3	0	14.50	0.028	14.43	0.028	14.42	0.028
1.4	16QAM	3	1	14.62	0.029	14.57	0.029	14.45	0.028
1.4	16QAM	3	3	14.55	0.029	14.54	0.028	14.51	0.028
1.4	16QAM	6	0	14.56	0.029	14.53	0.028	14.43	0.028
1.4	64QAM	1	0	14.79	0.030	14.76	0.030	14.77	0.030
1.4	64QAM	1	3	14.67	0.029	14.77	0.030	14.51	0.028
1.4	64QAM	1	5	14.58	0.029	14.71	0.030	14.72	0.030
1.4	64QAM	3	0	14.47	0.028	14.42	0.028	14.42	0.028
1.4	64QAM	3	1	14.54	0.028	14.52	0.028	14.44	0.028
1.4	64QAM	3	3	14.47	0.028	14.48	0.028	14.48	0.028
1.4	64QAM	6	0	14.58	0.029	14.47	0.028	14.36	0.027

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.2.3. Test Procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.



Test Result

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.0913	1.2605	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0988	1.3092	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.0991	1.2894	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0967	1.2818	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1030	1.3153	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0988	1.2841	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0929	1.2883	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0996	1.2977	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0979	1.2883	PASS
B2	3	Low	18615	1851.5	QPSK	2.6900	2.9227	PASS
B2	3	Low	18615	1851.5	16QAM	2.6948	2.9245	PASS
B2	3	Low	18615	1851.5	64QAM	2.6966	2.9185	PASS
B2	3	Mid	18900	1880	QPSK	2.6918	2.9125	PASS
B2	3	Mid	18900	1880	16QAM	2.6905	2.9230	PASS
B2	3	Mid	18900	1880	64QAM	2.6983	2.9126	PASS
B2	3	High	19185	1908.5	QPSK	2.6864	2.9215	PASS
B2	3	High	19185	1908.5	16QAM	2.6952	2.9278	PASS
B2	3	High	19185	1908.5	64QAM	2.6958	2.9177	PASS
B2	5	Low	18625	1852.5	QPSK	4.4735	4.8181	PASS
B2	5	Low	18625	1852.5	16QAM	4.4735	4.7996	PASS
B2	5	Low	18625	1852.5	64QAM	4.4734	4.9535	PASS
B2	5	Mid	18900	1880	QPSK	4.4711	4.8256	PASS
B2	5	Mid	18900	1880	16QAM	4.4669	4.8043	PASS
B2	5	Mid	18900	1880	64QAM	4.4792	4.8123	PASS
B2	5	High	19175	1907.5	QPSK	4.4652	4.8099	PASS
B2	5	High	19175	1907.5	16QAM	4.4661	4.8421	PASS
B2	5	High	19175	1907.5	64QAM	4.4765	4.8182	PASS
B2	10	Low	18650	1855	QPSK	8.9514	9.5189	PASS
B2	10	Low	18650	1855	16QAM	8.9357	9.4930	PASS
B2	10	Low	18650	1855	64QAM	8.9483	9.9059	PASS
B2	10	Mid	18900	1880	QPSK	8.9535	9.5527	PASS
B2	10	Mid	18900	1880	16QAM	8.9302	9.5047	PASS
B2	10	Mid	18900	1880	64QAM	8.9476	9.6144	PASS



B2	10	High	19150	1905	QPSK	8.9311	9.5340	PASS
B2	10	High	19150	1905	16QAM	8.9305	9.5048	PASS
B2	10	High	19150	1905	64QAM	8.9462	9.5497	PASS
B2	15	Low	18675	1857.5	QPSK	13.422	14.237	PASS
B2	15	Low	18675	1857.5	16QAM	13.413	14.388	PASS
B2	15	Low	18675	1857.5	64QAM	13.405	14.630	PASS
B2	15	Mid	18900	1880	QPSK	13.416	14.303	PASS
B2	15	Mid	18900	1880	16QAM	13.387	14.424	PASS
B2	15	Mid	18900	1880	64QAM	13.390	14.299	PASS
B2	15	High	19125	1902.5	QPSK	13.427	14.247	PASS
B2	15	High	19125	1902.5	16QAM	13.411	14.369	PASS
B2	15	High	19125	1902.5	64QAM	13.398	14.293	PASS
B2	20	Low	18700	1860	QPSK	17.858	18.929	PASS
B2	20	Low	18700	1860	16QAM	17.878	18.939	PASS
B2	20	Low	18700	1860	64QAM	17.906	19.028	PASS
B2	20	Mid	18900	1880	QPSK	17.867	18.988	PASS
B2	20	Mid	18900	1880	16QAM	17.827	18.992	PASS
B2	20	Mid	18900	1880	64QAM	17.845	19.467	PASS
B2	20	High	19100	1900	QPSK	17.860	20.150	PASS
B2	20	High	19100	1900	16QAM	17.886	18.997	PASS
B2	20	High	19100	1900	64QAM	17.903	19.050	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B4	1.4	Low	19957	1710.7	QPSK	1.0915	1.2826	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0998	1.2845	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.0988	1.2919	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0976	1.2816	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0974	1.2771	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0986	1.2901	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0957	1.2658	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0978	1.2933	PASS
B4	1.4	High	20393	1754.3	64QAM	1.0996	1.2852	PASS
B4	3	Low	19965	1711.5	QPSK	2.6883	2.9210	PASS
B4	3	Low	19965	1711.5	16QAM	2.6870	2.9242	PASS
B4	3	Low	19965	1711.5	64QAM	2.6944	2.9168	PASS
B4	3	Mid	20175	1732.5	QPSK	2.6909	2.9291	PASS
B4	3	Mid	20175	1732.5	16QAM	2.6871	3.0684	PASS
B4	3	Mid	20175	1732.5	64QAM	2.6984	2.9264	PASS
B4	3	High	20385	1753.5	QPSK	2.6887	2.9356	PASS
B4	3	High	20385	1753.5	16QAM	2.6940	2.9222	PASS
B4	3	High	20385	1753.5	64QAM	2.6934	2.9255	PASS
B4	5	Low	19975	1712.5	QPSK	4.4659	4.8188	PASS
B4	5	Low	19975	1712.5	16QAM	4.4621	4.7896	PASS
B4	5	Low	19975	1712.5	64QAM	4.4766	4.8107	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4744	4.8087	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4828	5.1580	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4771	4.8064	PASS
B4	5	High	20375	1752.5	QPSK	4.4713	4.8217	PASS
B4	5	High	20375	1752.5	16QAM	4.4719	4.8144	PASS
B4	5	High	20375	1752.5	64QAM	4.4781	4.7934	PASS
B4	10	Low	20000	1715	QPSK	8.9351	9.5596	PASS
B4	10	Low	20000	1715	16QAM	8.9210	9.5079	PASS
B4	10	Low	20000	1715	64QAM	8.9369	9.5708	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9592	9.8689	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9272	9.6586	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9384	9.5500	PASS
B4	10	High	20350	1750	QPSK	8.9464	9.5706	PASS
B4	10	High	20350	1750	16QAM	8.9188	9.5013	PASS



B4	10	High	20350	1750	64QAM	8.9316	9.4961	PASS
B4	15	Low	20025	1717.5	QPSK	13.406	14.294	PASS
B4	15	Low	20025	1717.5	16QAM	13.398	14.398	PASS
B4	15	Low	20025	1717.5	64QAM	13.364	14.411	PASS
B4	15	Mid	20175	1732.5	QPSK	13.433	14.368	PASS
B4	15	Mid	20175	1732.5	16QAM	13.429	14.317	PASS
B4	15	Mid	20175	1732.5	64QAM	13.383	14.323	PASS
B4	15	High	20325	1747.5	QPSK	13.409	14.665	PASS
B4	15	High	20325	1747.5	16QAM	13.441	14.910	PASS
B4	15	High	20325	1747.5	64QAM	13.382	14.269	PASS
B4	20	Low	20050	1720	QPSK	17.842	18.939	PASS
B4	20	Low	20050	1720	16QAM	17.889	18.948	PASS
B4	20	Low	20050	1720	64QAM	17.870	18.996	PASS
B4	20	Mid	20175	1732.5	QPSK	17.889	19.267	PASS
B4	20	Mid	20175	1732.5	16QAM	17.880	19.419	PASS
B4	20	Mid	20175	1732.5	64QAM	17.905	19.012	PASS
B4	20	High	20300	1745	QPSK	17.907	18.993	PASS
B4	20	High	20300	1745	16QAM	17.916	18.961	PASS
B4	20	High	20300	1745	64QAM	17.907	18.971	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	QPSK	1.0917	1.2726	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0947	1.2787	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0990	1.2929	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0957	1.2740	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0981	1.2865	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1020	1.2930	PASS
B5	1.4	High	20643	848.3	QPSK	1.0920	1.2835	PASS
B5	1.4	High	20643	848.3	16QAM	1.0985	1.2877	PASS
B5	1.4	High	20643	848.3	64QAM	1.0991	1.2949	PASS
B5	3	Low	20415	825.5	QPSK	2.6911	2.9221	PASS
B5	3	Low	20415	825.5	16QAM	2.6911	2.9298	PASS
B5	3	Low	20415	825.5	64QAM	2.6941	2.9146	PASS
B5	3	Mid	20525	836.5	QPSK	2.6926	2.9248	PASS
B5	3	Mid	20525	836.5	16QAM	2.6926	2.9320	PASS
B5	3	Mid	20525	836.5	64QAM	2.6984	2.9204	PASS
B5	3	High	20635	847.5	QPSK	2.6902	2.9228	PASS
B5	3	High	20635	847.5	16QAM	2.6957	2.9258	PASS
B5	3	High	20635	847.5	64QAM	2.7003	2.9125	PASS
B5	5	Low	20425	826.5	QPSK	4.4735	4.8240	PASS
B5	5	Low	20425	826.5	16QAM	4.4746	4.8213	PASS
B5	5	Low	20425	826.5	64QAM	4.4753	4.8300	PASS
B5	5	Mid	20525	836.5	QPSK	4.4732	4.8535	PASS
B5	5	Mid	20525	836.5	16QAM	4.4684	4.8157	PASS
B5	5	Mid	20525	836.5	64QAM	4.4784	4.8319	PASS
B5	5	High	20625	846.5	QPSK	4.4712	4.8205	PASS
B5	5	High	20625	846.5	16QAM	4.4680	4.8002	PASS
B5	5	High	20625	846.5	64QAM	4.4747	4.8445	PASS
B5	10	Low	20450	829	QPSK	8.9516	9.5385	PASS
B5	10	Low	20450	829	16QAM	8.9352	9.4906	PASS
B5	10	Low	20450	829	64QAM	8.9468	9.6086	PASS
B5	10	Mid	20525	836.5	QPSK	8.9551	9.5439	PASS
B5	10	Mid	20525	836.5	16QAM	8.9296	9.4683	PASS
B5	10	Mid	20525	836.5	64QAM	8.9389	9.5526	PASS
B5	10	High	20600	844	QPSK	8.9401	9.4962	PASS
B5	10	High	20600	844	16QAM	8.9109	9.5267	PASS



B5	10	High	20600	844	64QAM	8.9370	9.5620	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	16QAM	4.4743	4.8324	PASS
B7	5	Low	20775	2502.5	64QAM	4.4743	4.8461	PASS
B7	5	Mid	21100	2535	QPSK	4.4737	4.8160	PASS
B7	5	Mid	21100	2535	16QAM	4.4735	4.8442	PASS
B7	5	Mid	21100	2535	64QAM	4.4858	4.8514	PASS
B7	5	High	21425	2567.5	QPSK	4.4708	4.8435	PASS
B7	5	High	21425	2567.5	16QAM	4.4720	4.8210	PASS
B7	5	High	21425	2567.5	64QAM	4.4725	4.7944	PASS
B7	10	Low	20800	2505	QPSK	8.9421	9.5631	PASS
B7	10	Low	20800	2505	16QAM	8.9264	9.4991	PASS
B7	10	Low	20800	2505	64QAM	8.9401	9.5740	PASS
B7	10	Mid	21100	2535	QPSK	8.9338	9.5497	PASS
B7	10	Mid	21100	2535	16QAM	8.9228	9.4881	PASS
B7	10	Mid	21100	2535	64QAM	8.9274	9.5316	PASS
B7	10	High	21400	2565	QPSK	8.9390	9.5801	PASS
B7	10	High	21400	2565	16QAM	8.9330	9.5425	PASS
B7	10	High	21400	2565	64QAM	8.9420	9.5763	PASS
B7	15	Low	20825	2507.5	QPSK	13.438	14.314	PASS
B7	15	Low	20825	2507.5	16QAM	13.418	14.369	PASS
B7	15	Low	20825	2507.5	64QAM	13.404	14.275	PASS
B7	15	Mid	21100	2535	QPSK	13.434	14.272	PASS
B7	15	Mid	21100	2535	16QAM	13.394	14.366	PASS
B7	15	Mid	21100	2535	64QAM	13.366	14.366	PASS
B7	15	High	21375	2562.5	QPSK	13.411	14.224	PASS
B7	15	High	21375	2562.5	16QAM	13.408	14.267	PASS
B7	15	High	21375	2562.5	64QAM	13.385	14.331	PASS
B7	20	Low	20850	2510	QPSK	17.863	18.939	PASS
B7	20	Low	20850	2510	16QAM	17.911	19.015	PASS
B7	20	Low	20850	2510	64QAM	17.905	19.172	PASS
B7	20	Mid	21100	2535	QPSK	17.829	18.840	PASS
B7	20	Mid	21100	2535	16QAM	17.827	18.894	PASS
B7	20	Mid	21100	2535	64QAM	17.845	19.108	PASS
B7	20	High	21350	2560	QPSK	17.856	18.992	PASS



B7	20	High	21350	2560	16QAM	17.897	18.955	PASS
B7	20	High	21350	2560	64QAM	17.893	18.991	PASS
B7	20	High	21350	2560	64QAM	17.850	19.203	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4747	5.0308	PASS
B13	5	Low	23205	779.5	16QAM	4.4796	5.0559	PASS
B13	5	Low	23205	779.5	64QAM	4.4743	5.0217	PASS
B13	5	Mid	23230	782	QPSK	4.4789	5.0400	PASS
B13	5	Mid	23230	782	16QAM	4.4737	5.0103	PASS
B13	5	Mid	23230	782	64QAM	4.4857	5.0432	PASS
B13	5	High	23255	784.5	QPSK	4.4809	5.0496	PASS
B13	5	High	23255	784.5	16QAM	4.4814	5.0580	PASS
B13	5	High	23255	784.5	64QAM	4.4973	5.0220	PASS
B13	10	Mid	23230	782	QPSK	8.9566	9.8698	PASS
B13	10	Mid	23230	782	16QAM	8.9322	9.7052	PASS
B13	10	Mid	23230	782	64QAM	8.9424	9.7764	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26	1.4	Low	26797	824.7	QPSK	1.0949	1.2827	PASS
B26	1.4	Low	26797	824.7	16QAM	1.0976	1.3005	PASS
B26	1.4	Low	26797	824.7	64QAM	1.0985	1.2965	PASS
B26	1.4	Mid	26915	836.5	QPSK	1.0948	1.2911	PASS
B26	1.4	Mid	26915	836.5	16QAM	1.0981	1.2873	PASS
B26	1.4	Mid	26915	836.5	64QAM	1.1004	1.2793	PASS
B26	1.4	High	27033	848.3	QPSK	1.0934	1.2881	PASS
B26	1.4	High	27033	848.3	16QAM	1.0979	1.2884	PASS
B26	1.4	High	27033	848.3	64QAM	1.1010	1.2937	PASS
B26	3	Low	26805	825.5	QPSK	2.6922	2.9205	PASS
B26	3	Low	26805	825.5	16QAM	2.6951	2.9310	PASS
B26	3	Low	26805	825.5	64QAM	2.6968	2.9156	PASS
B26	3	Mid	26915	836.5	QPSK	2.6914	2.9143	PASS
B26	3	Mid	26915	836.5	16QAM	2.6909	2.9383	PASS
B26	3	Mid	26915	836.5	64QAM	2.6978	3.2808	PASS
B26	3	High	27025	847.5	QPSK	2.6932	2.9179	PASS
B26	3	High	27025	847.5	16QAM	2.6956	2.9264	PASS
B26	3	High	27025	847.5	64QAM	2.6948	2.9287	PASS
B26	5	Low	26815	826.5	QPSK	4.4680	4.8256	PASS
B26	5	Low	26815	826.5	16QAM	4.4697	4.8187	PASS
B26	5	Low	26815	826.5	64QAM	4.4788	4.7832	PASS
B26	5	Mid	26915	836.5	QPSK	4.4728	4.8306	PASS
B26	5	Mid	26915	836.5	16QAM	4.4681	4.8002	PASS
B26	5	Mid	26915	836.5	64QAM	4.4808	4.8127	PASS
B26	5	High	27015	846.5	QPSK	4.4756	4.8394	PASS
B26	5	High	27015	846.5	16QAM	4.4694	4.8109	PASS
B26	5	High	27015	846.5	64QAM	4.4773	4.8242	PASS
B26	10	Low	26840	829	QPSK	8.9558	9.5210	PASS
B26	10	Low	26840	829	16QAM	8.9301	9.4974	PASS
B26	10	Low	26840	829	64QAM	8.9342	9.5310	PASS
B26	10	Mid	26915	836.5	QPSK	8.9407	9.5523	PASS
B26	10	Mid	26915	836.5	16QAM	8.9245	9.4852	PASS
B26	10	Mid	26915	836.5	64QAM	8.9383	9.5290	PASS
B26	10	High	26990	844	QPSK	8.9491	9.5420	PASS
B26	10	High	26990	844	16QAM	8.9146	9.5620	PASS



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B26	10	High	26990	844	64QAM	8.9432	9.5418	PASS
B26	15	Low	26865	831.5	QPSK	13.412	14.379	PASS
B26	15	Low	26865	831.5	16QAM	13.409	14.404	PASS
B26	15	Low	26865	831.5	64QAM	13.402	14.586	PASS
B26	15	Mid	26915	836.5	QPSK	13.407	14.353	PASS
B26	15	Mid	26915	836.5	16QAM	13.387	14.331	PASS
B26	15	Mid	26915	836.5	64QAM	13.415	14.319	PASS
B26	15	High	26965	841.5	QPSK	13.440	14.277	PASS
B26	15	High	26965	841.5	16QAM	13.402	14.357	PASS
B26	15	High	26965	841.5	64QAM	13.400	14.381	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	QPSK	4.4684	4.7771	PASS
B38	5	Low	37775	2572.5	16QAM	4.4669	4.8109	PASS
B38	5	Low	37775	2572.5	64QAM	4.4711	4.7551	PASS
B38	5	Mid	38000	2595	QPSK	4.4699	4.8172	PASS
B38	5	Mid	38000	2595	16QAM	4.4744	4.8147	PASS
B38	5	Mid	38000	2595	64QAM	4.4821	4.7345	PASS
B38	5	High	38225	2617.5	QPSK	4.4690	4.8058	PASS
B38	5	High	38225	2617.5	16QAM	4.4693	4.8109	PASS
B38	5	High	38225	2617.5	64QAM	4.4730	4.7788	PASS
B38	10	Low	37800	2575	QPSK	8.9502	9.4880	PASS
B38	10	Low	37800	2575	16QAM	8.9377	9.5313	PASS
B38	10	Low	37800	2575	64QAM	8.9299	9.4725	PASS
B38	10	Mid	38000	2595	QPSK	8.9510	9.4949	PASS
B38	10	Mid	38000	2595	16QAM	8.9433	9.6768	PASS
B38	10	Mid	38000	2595	64QAM	8.9321	9.5157	PASS
B38	10	High	38200	2615	QPSK	8.9364	9.4888	PASS
B38	10	High	38200	2615	16QAM	8.9262	9.6498	PASS
B38	10	High	38200	2615	64QAM	8.9266	9.5721	PASS
B38	15	Low	37825	2577.5	QPSK	13.372	14.282	PASS
B38	15	Low	37825	2577.5	16QAM	13.435	14.413	PASS
B38	15	Low	37825	2577.5	64QAM	13.388	14.339	PASS
B38	15	Mid	38000	2595	QPSK	13.389	14.262	PASS
B38	15	Mid	38000	2595	16QAM	13.428	14.245	PASS
B38	15	Mid	38000	2595	64QAM	13.391	14.220	PASS
B38	15	High	38175	2612.5	QPSK	13.401	14.242	PASS
B38	15	High	38175	2612.5	16QAM	13.440	14.503	PASS
B38	15	High	38175	2612.5	64QAM	13.388	14.274	PASS
B38	20	Low	37850	2580	QPSK	17.882	18.959	PASS
B38	20	Low	37850	2580	16QAM	17.843	18.935	PASS
B38	20	Low	37850	2580	64QAM	17.829	18.912	PASS
B38	20	Mid	38000	2595	QPSK	17.879	18.911	PASS
B38	20	Mid	38000	2595	16QAM	17.888	18.940	PASS
B38	20	Mid	38000	2595	64QAM	17.890	18.982	PASS
B38	20	High	38150	2610	QPSK	17.861	19.017	PASS
B38	20	High	38150	2610	16QAM	17.867	18.953	PASS



B38	20	High	38150	2610	64QAM	17.865	18.920	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	40065	2537.5	QPSK	4.4737	4.8113	PASS
B41	5	Low	40065	2537.5	16QAM	4.4681	4.7946	PASS
B41	5	Low	40065	2537.5	64QAM	4.4646	4.7429	PASS
B41	5	Mid	40640	2595	QPSK	4.4772	4.8315	PASS
B41	5	Mid	40640	2595	16QAM	4.4668	4.8057	PASS
B41	5	Mid	40640	2595	64QAM	4.4763	4.7637	PASS
B41	5	High	41215	2652.5	QPSK	4.4666	4.8122	PASS
B41	5	High	41215	2652.5	16QAM	4.4661	4.7914	PASS
B41	5	High	41215	2652.5	64QAM	4.4743	4.7822	PASS
B41	10	Low	40090	2540	QPSK	8.9500	9.4713	PASS
B41	10	Low	40090	2540	16QAM	8.9205	9.5262	PASS
B41	10	Low	40090	2540	64QAM	8.9268	9.6114	PASS
B41	10	Mid	40640	2595	QPSK	8.9291	9.6534	PASS
B41	10	Mid	40640	2595	16QAM	8.9324	9.4866	PASS
B41	10	Mid	40640	2595	64QAM	8.9183	9.5935	PASS
B41	10	High	41190	2650	QPSK	8.9468	9.4825	PASS
B41	10	High	41190	2650	16QAM	8.9362	9.6494	PASS
B41	10	High	41190	2650	64QAM	8.9389	9.5711	PASS
B41	15	Low	40115	2542.5	QPSK	13.416	14.241	PASS
B41	15	Low	40115	2542.5	16QAM	13.396	14.374	PASS
B41	15	Low	40115	2542.5	64QAM	13.380	14.333	PASS
B41	15	Mid	40640	2595	QPSK	13.426	14.181	PASS
B41	15	Mid	40640	2595	16QAM	13.392	14.339	PASS
B41	15	Mid	40640	2595	64QAM	13.398	14.288	PASS
B41	15	High	41165	2647.5	QPSK	13.433	14.268	PASS
B41	15	High	41165	2647.5	16QAM	13.426	14.447	PASS
B41	15	High	41165	2647.5	64QAM	13.405	14.329	PASS
B41	20	Low	40140	2545	QPSK	17.837	18.881	PASS
B41	20	Low	40140	2545	16QAM	17.830	18.774	PASS
B41	20	Low	40140	2545	64QAM	17.868	18.910	PASS
B41	20	Mid	40640	2595	QPSK	17.858	18.956	PASS
B41	20	Mid	40640	2595	16QAM	17.848	18.926	PASS
B41	20	Mid	40640	2595	64QAM	17.908	18.979	PASS



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B41	20	High	41140	2645	QPSK	17.871	19.030	PASS
B41	20	High	41140	2645	16QAM	17.861	18.962	PASS
B41	20	High	41140	2645	64QAM	17.886	19.007	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0945	1.2783	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0992	1.2845	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.0978	1.2916	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0959	1.2846	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1011	1.2982	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1006	1.3005	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0947	1.2670	PASS
B66	1.4	High	132665	1779.3	16QAM	1.0942	1.2830	PASS
B66	1.4	High	132665	1779.3	64QAM	1.0985	1.2956	PASS
B66	3	Low	131987	1711.5	QPSK	2.6895	2.9105	PASS
B66	3	Low	131987	1711.5	16QAM	2.6930	2.9288	PASS
B66	3	Low	131987	1711.5	64QAM	2.6961	2.9178	PASS
B66	3	Mid	132322	1745	QPSK	2.6869	2.9175	PASS
B66	3	Mid	132322	1745	16QAM	2.6884	2.9282	PASS
B66	3	Mid	132322	1745	64QAM	2.6948	2.9090	PASS
B66	3	High	132657	1778.5	QPSK	2.6908	2.9187	PASS
B66	3	High	132657	1778.5	16QAM	2.6922	2.9270	PASS
B66	3	High	132657	1778.5	64QAM	2.6988	2.9248	PASS
B66	5	Low	131997	1712.5	QPSK	4.4693	4.8215	PASS
B66	5	Low	131997	1712.5	16QAM	4.4789	4.8932	PASS
B66	5	Low	131997	1712.5	64QAM	4.4712	4.8182	PASS
B66	5	Mid	132322	1745	QPSK	4.4738	4.8245	PASS
B66	5	Mid	132322	1745	16QAM	4.4737	4.8096	PASS
B66	5	Mid	132322	1745	64QAM	4.4681	4.8215	PASS
B66	5	High	132647	1777.5	QPSK	4.4663	4.8227	PASS
B66	5	High	132647	1777.5	16QAM	4.4741	4.8037	PASS
B66	5	High	132647	1777.5	64QAM	4.4791	4.8045	PASS
B66	10	Low	132022	1715	QPSK	8.9593	9.8717	PASS
B66	10	Low	132022	1715	16QAM	8.9229	9.9772	PASS
B66	10	Low	132022	1715	64QAM	8.9362	9.5157	PASS
B66	10	Mid	132322	1745	QPSK	8.9595	9.5815	PASS
B66	10	Mid	132322	1745	16QAM	8.9313	9.4974	PASS
B66	10	Mid	132322	1745	64QAM	8.9385	9.5550	PASS
B66	10	High	132622	1775	QPSK	8.9369	9.5451	PASS
B66	10	High	132622	1775	16QAM	8.9193	9.5404	PASS



B66	10	High	132622	1775	64QAM	8.9239	9.5549	PASS
B66	15	Low	132047	1717.5	QPSK	13.400	15.519	PASS
B66	15	Low	132047	1717.5	16QAM	13.421	14.572	PASS
B66	15	Low	132047	1717.5	64QAM	13.374	14.359	PASS
B66	15	Mid	132322	1745	QPSK	13.417	14.363	PASS
B66	15	Mid	132322	1745	16QAM	13.431	14.380	PASS
B66	15	Mid	132322	1745	64QAM	13.410	14.354	PASS
B66	15	High	132597	1772.5	QPSK	13.387	14.323	PASS
B66	15	High	132597	1772.5	16QAM	13.407	14.261	PASS
B66	15	High	132597	1772.5	64QAM	13.395	14.319	PASS
B66	20	Low	132072	1720	QPSK	17.842	19.023	PASS
B66	20	Low	132072	1720	16QAM	17.852	19.197	PASS
B66	20	Low	132072	1720	64QAM	17.877	19.039	PASS
B66	20	Mid	132322	1745	QPSK	17.884	18.861	PASS
B66	20	Mid	132322	1745	16QAM	17.906	19.069	PASS
B66	20	Mid	132322	1745	64QAM	17.892	19.068	PASS
B66	20	High	132572	1770	QPSK	17.858	18.840	PASS
B66	20	High	132572	1770	16QAM	17.868	18.958	PASS
B66	20	High	132572	1770	64QAM	17.868	19.028	PASS



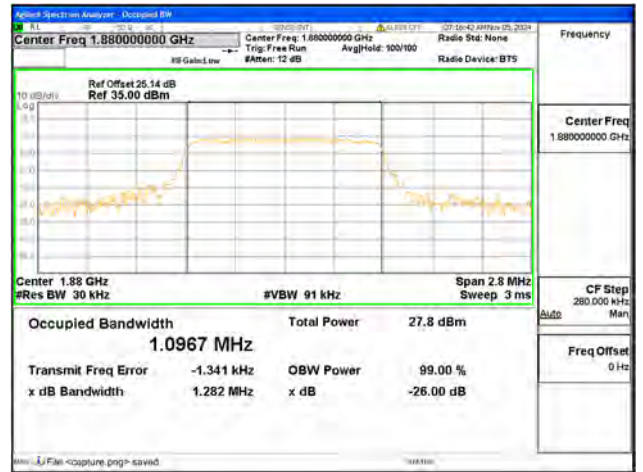
B2 / 1.4MHz / QPSK/ Low CH



B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



B2 / 1.4MHz / 16QAM/ Mid CH



B2 / 1.4MHz / 64QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / QPSK/ Mid CH



B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



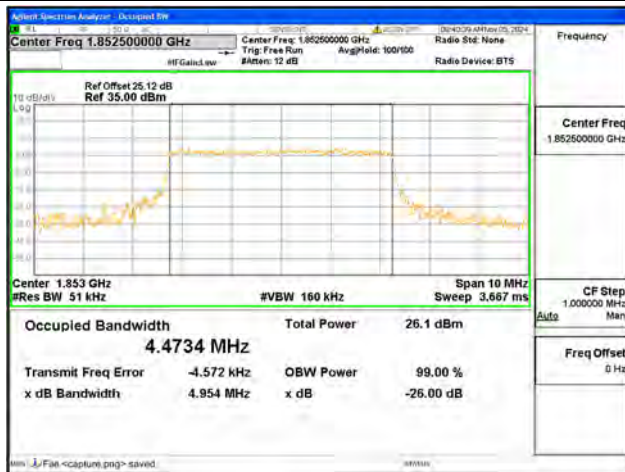
B2 / 3MHz / 64QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



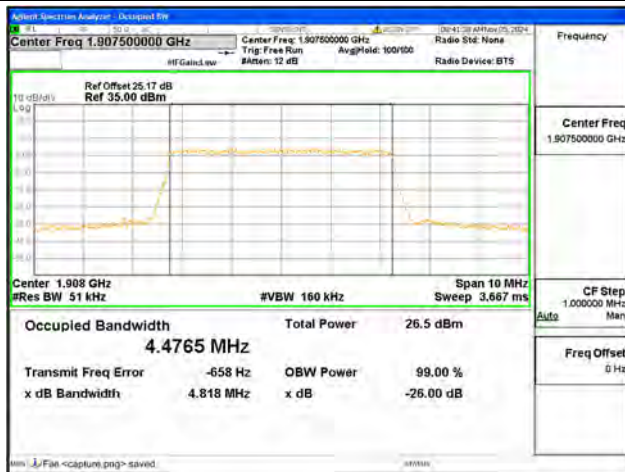
B2 / 5MHz / 64QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



B2 / 5MHz / 64QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



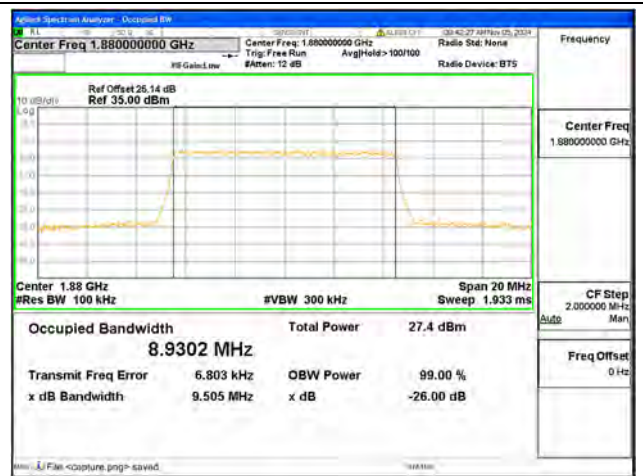
B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



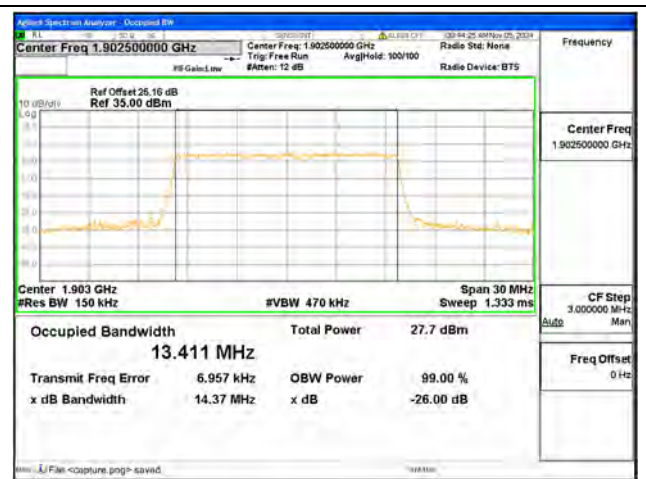
B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH



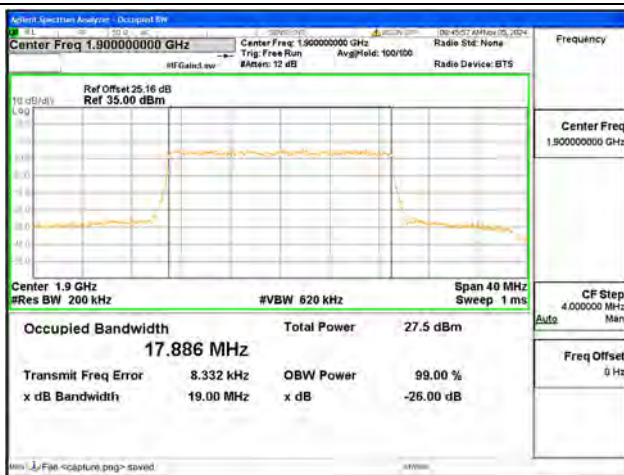
B2 / 20MHz / 16QAM/ Mid CH



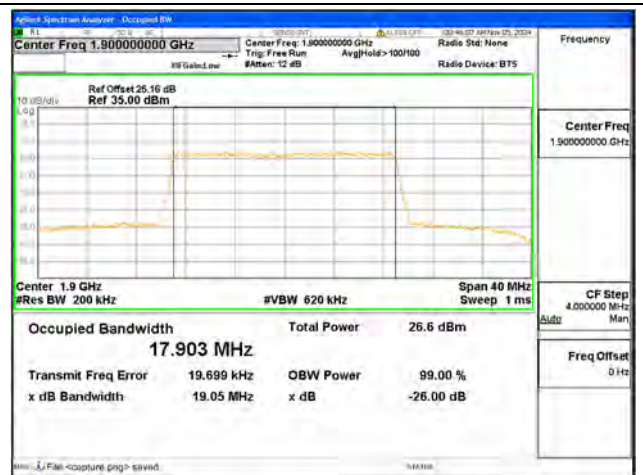
B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH



B2 / 20MHz / 64QAM/ High CH



B4 / 1.4MHz / QPSK/ Low CH



B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / 64QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH



B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH



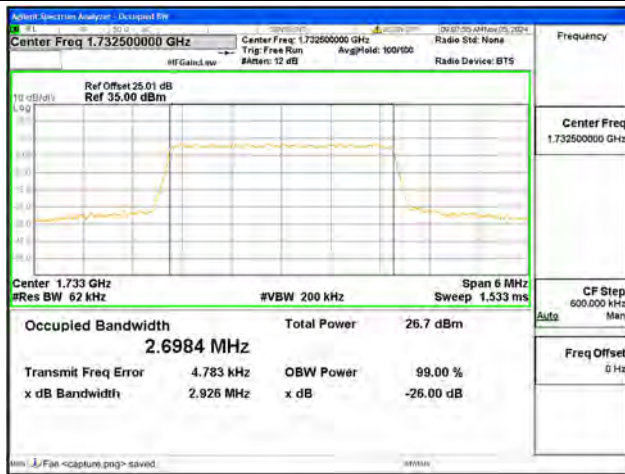
B4 / 3MHz / 64QAM/ Low CH



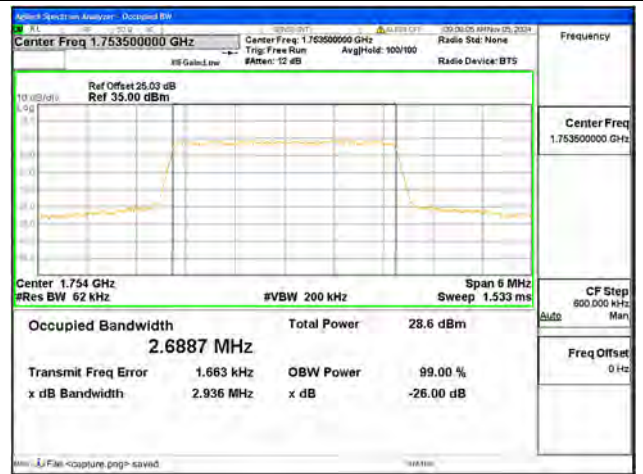
B4 / 3MHz / QPSK/ Mid CH



B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



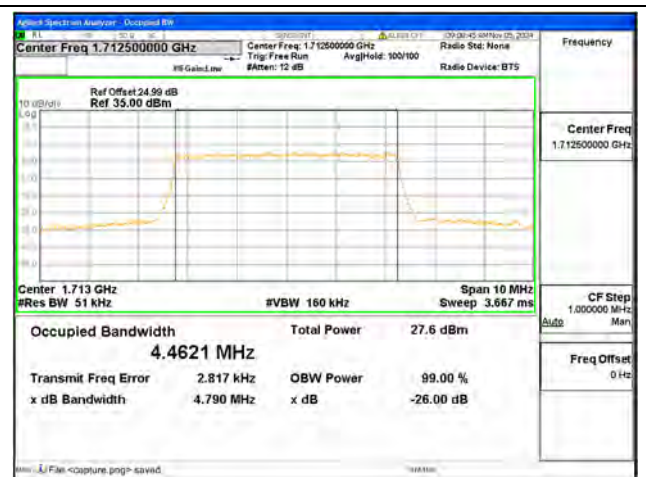
B4 / 3MHz / 16QAM/ High CH



B4 / 3MHz / 64QAM/ High CH



B4 / 5MHz / QPSK/ Low CH



B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



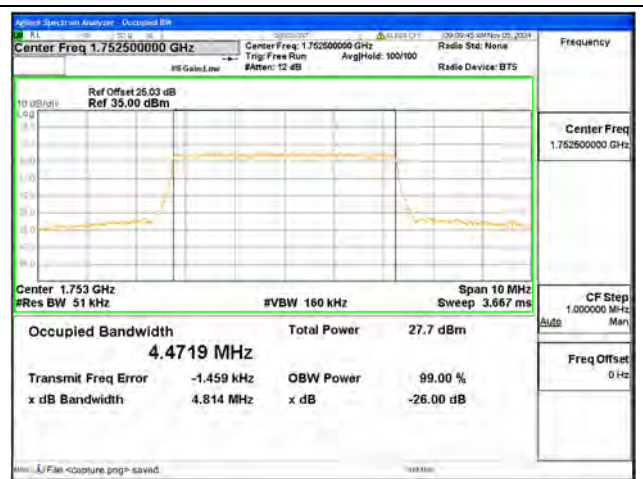
B4 / 5MHz / 16QAM/ Mid CH



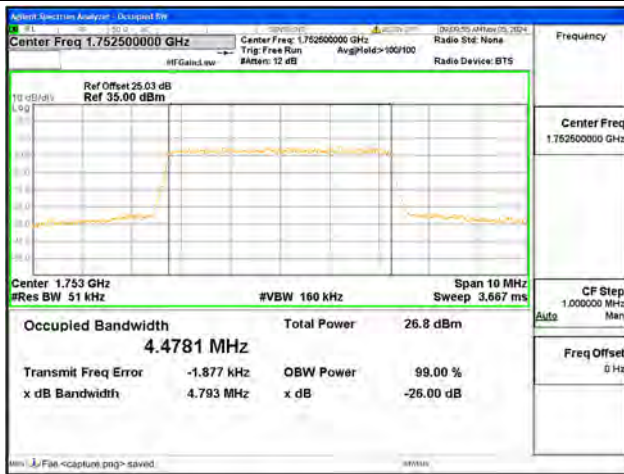
B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



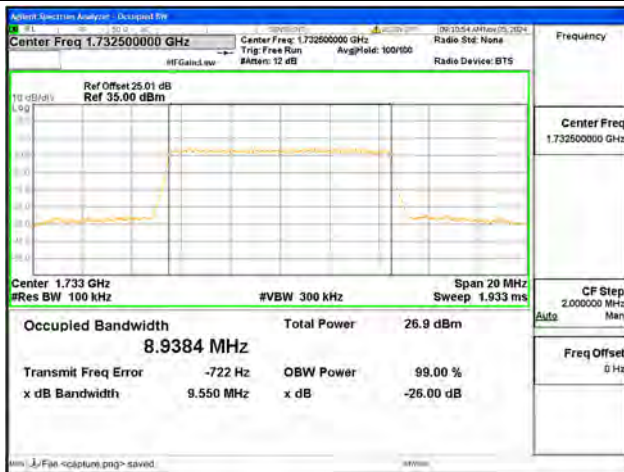
B4 / 10MHz / 64QAM/ Low CH



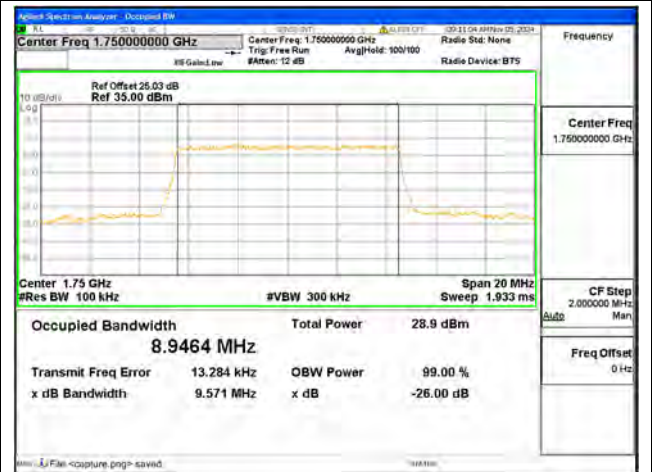
B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



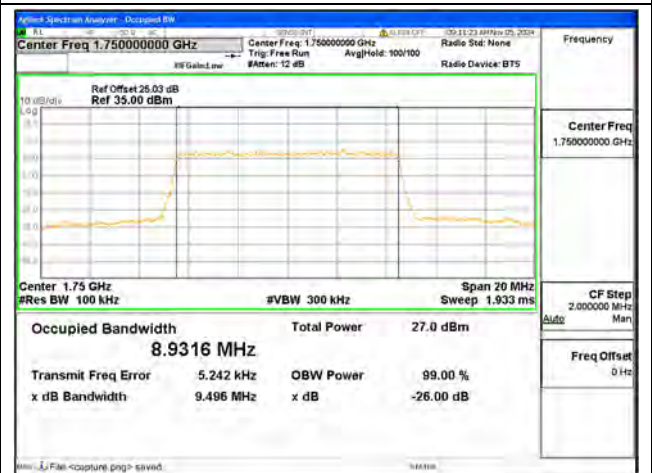
B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



B4 / 10MHz / 64QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



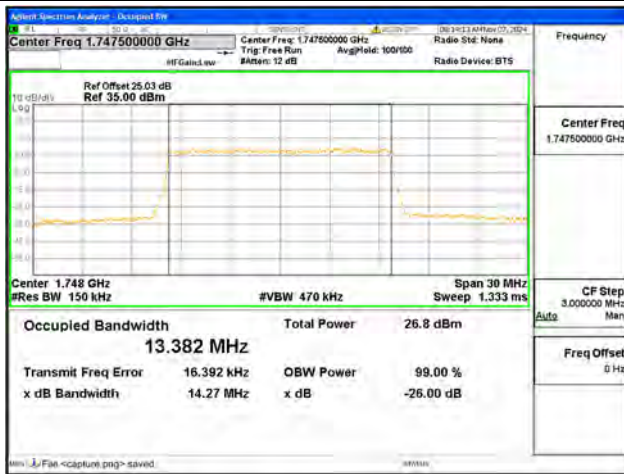
B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK / High CH



B4 / 15MHz / 16QAM / High CH



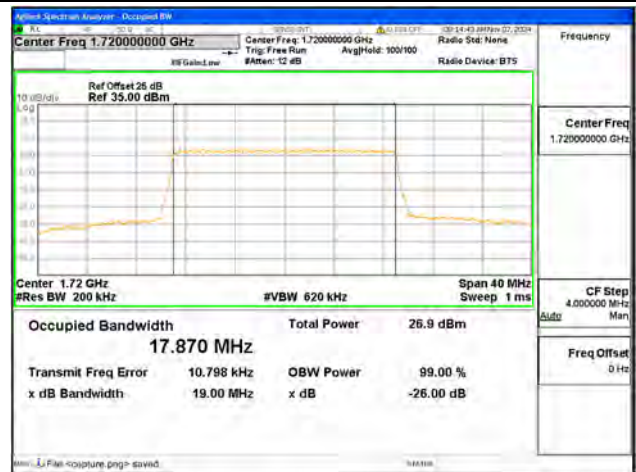
B4 / 15MHz / 64QAM / High CH



B4 / 20MHz / QPSK / Low CH



B4 / 20MHz / 16QAM / Low CH



B4 / 20MHz / 64QAM / Low CH



B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



B4 / 20MHz / 64QAM/ High CH



B5 / 1.4MHz / QPSK/ Low CH



B5 / 1.4MHz / 16QAM/ Low CH



B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH



B5 / 1.4MHz / 64QAM/ Mid CH



B5 / 1.4MHz / QPSK/ High CH



B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



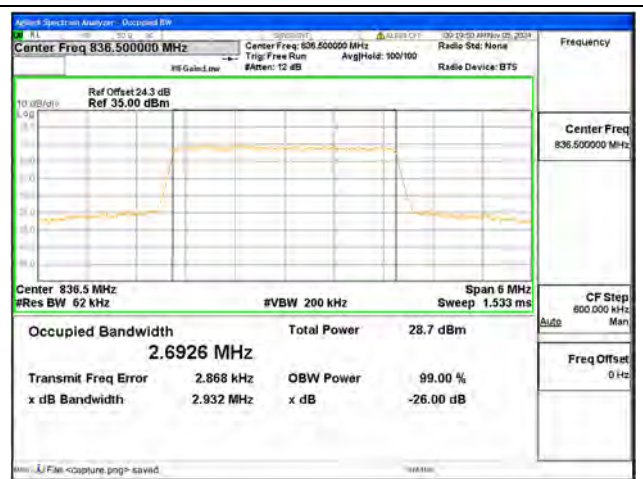
B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH



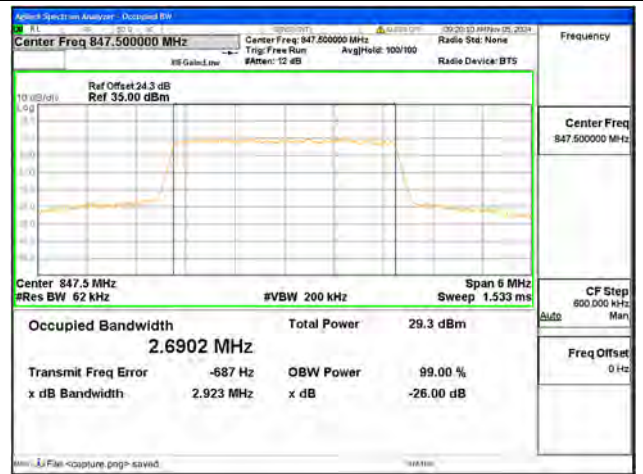
B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



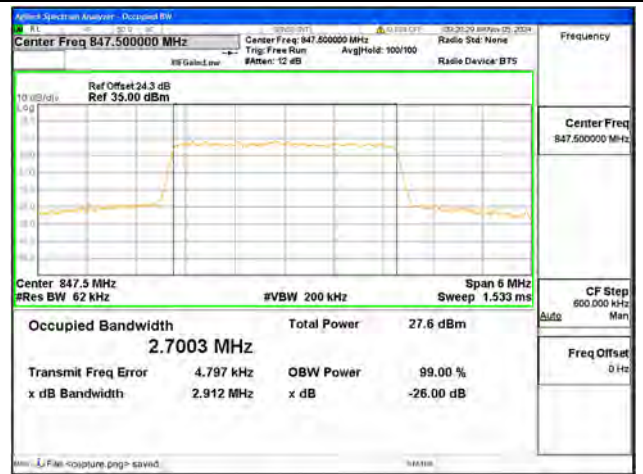
B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH



B5 / 3MHz / 64QAM/ High CH



B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



B5 / 5MHz / 64QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



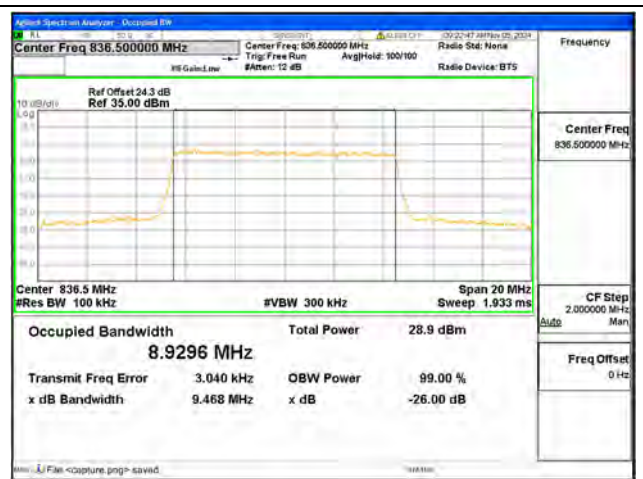
B5 / 10MHz / 16QAM/ Low CH



B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



B5 / 10MHz / 16QAM/ High CH



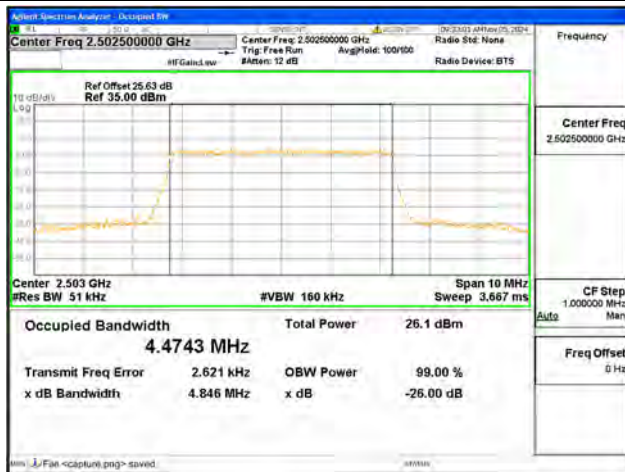
B5 / 10MHz / 64QAM/ High CH



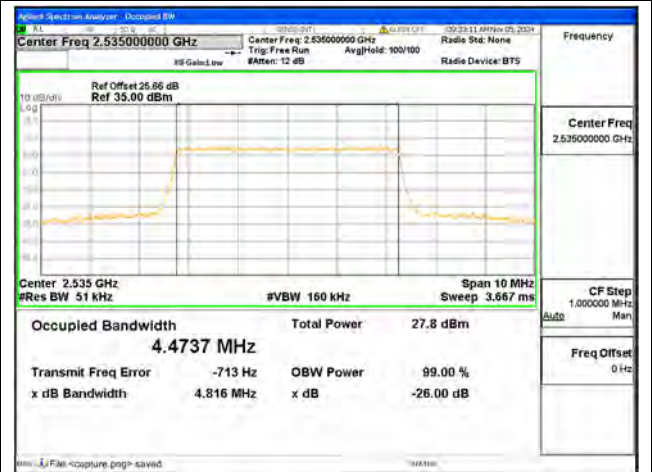
B7 / 5MHz / QPSK/ Low CH



B7 / 5MHz / 16QAM/ Low CH



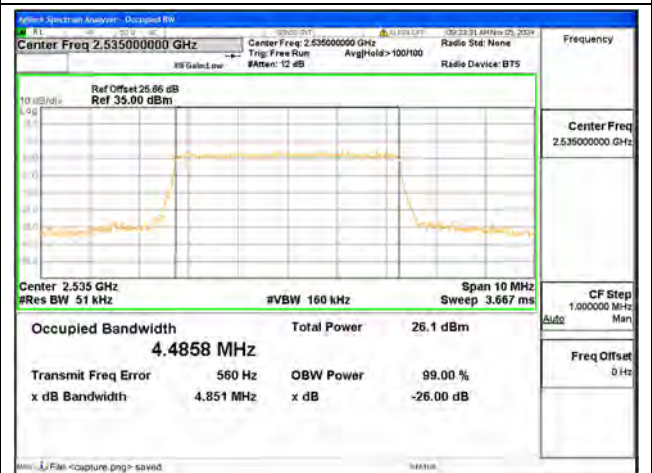
B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / QPSK/ Mid CH



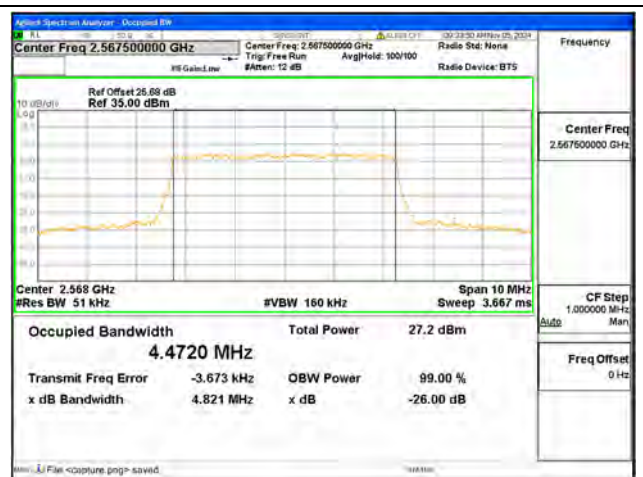
B7 / 5MHz / 16QAM/ Mid CH



B7 / 5MHz / 64QAM/ Mid CH



B7 / 5MHz / QPSK/ High CH



B7 / 5MHz / 16QAM/ High CH



B7 / 5MHz / 64QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



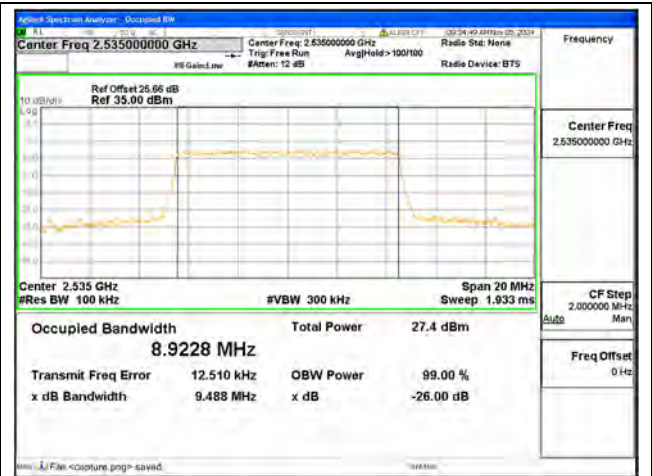
B7 / 10MHz / 16QAM/ Low CH



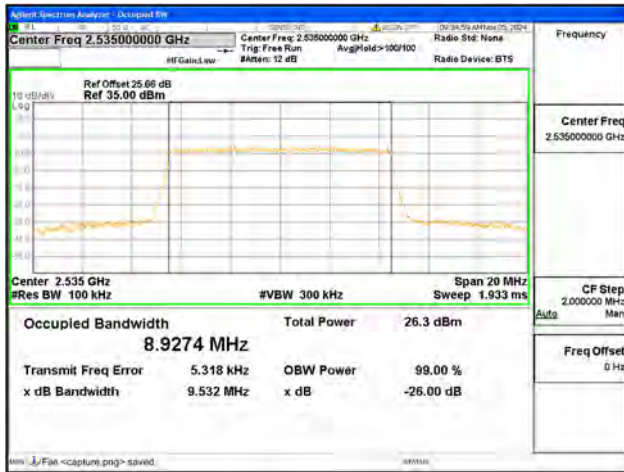
B7 / 10MHz / 64QAM/ Low CH



B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH



B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH



B7 / 10MHz / 16QAM/ High CH



B7 / 10MHz / 64QAM/ High CH



B7 / 15MHz / QPSK/ Low CH



B7 / 15MHz / 16QAM/ Low CH



B7 / 15MHz / 64QAM/ Low CH



B7 / 15MHz / QPSK/ Mid CH



B7 / 15MHz / 16QAM/ Mid CH



B7 / 15MHz / 64QAM/ Mid CH



B7 / 15MHz / QPSK/ High CH



B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



B7 / 20MHz / QPSK/ Low CH



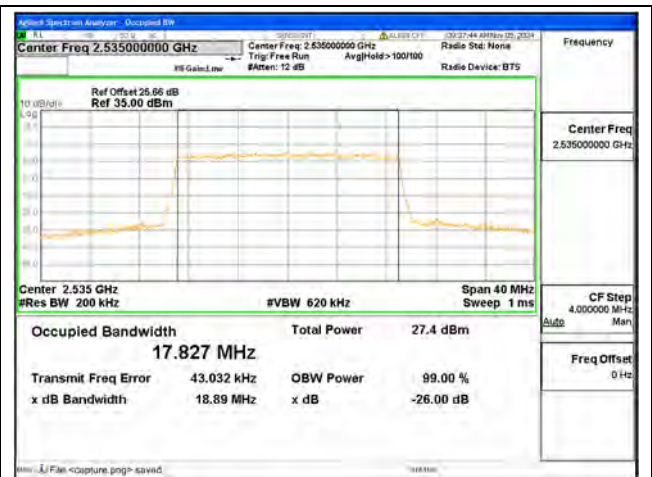
B7 / 20MHz / 16QAM/ Low CH



B7 / 20MHz / 64QAM/ Low CH



B7 / 20MHz / QPSK/ Mid CH



B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / 64QAM/ Mid CH



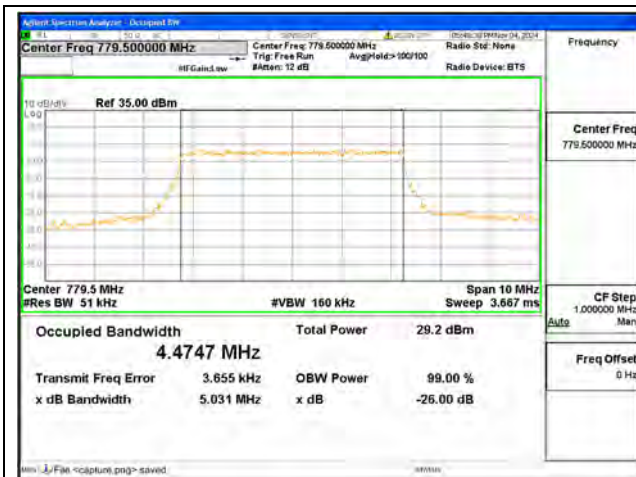
B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH



B7 / 20MHz / 64QAM/ High CH



B13 / 5MHz / QPSK / Low CH



B13 / 5MHz / 16QAM / Low CH



B13 / 5MHz / 64QAM / Low CH



B13 / 5MHz / QPSK / Mid CH



B13 / 5MHz / 16QAM / Mid CH



B13 / 5MHz / 64QAM / Mid CH



B13 / 5MHz / QPSK/ High CH



B13 / 5MHz / 16QAM/ High CH



B13 / 5MHz / 64QAM/ High CH



B13 / 10MHz / QPSK/ Mid CH



B13 / 10MHz / 16QAM/ Mid CH



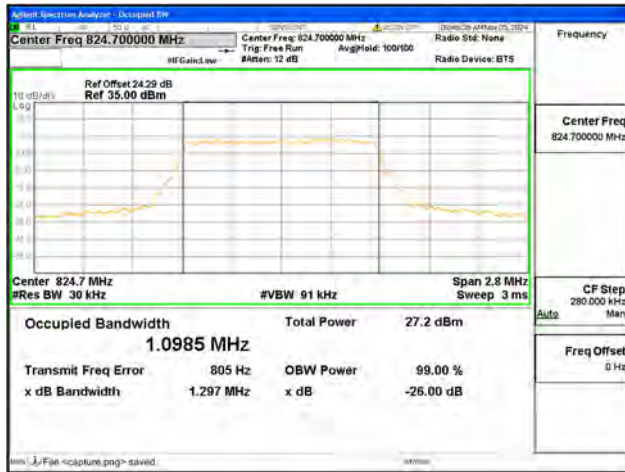
B13 / 10MHz / 64QAM/ Mid CH



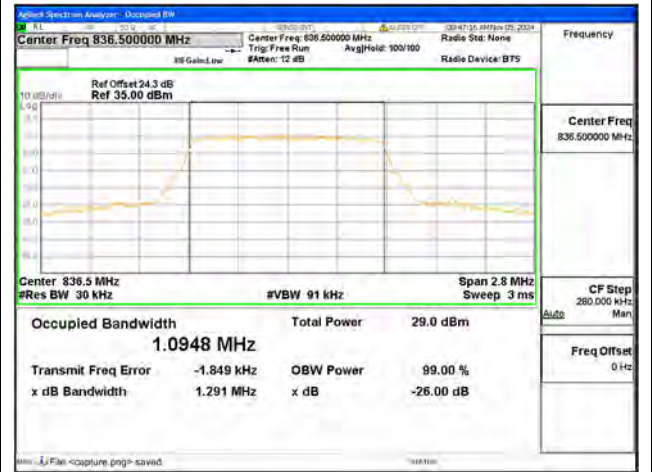
B26 / 1.4MHz / QPSK/ Low CH



B26 / 1.4MHz / 16QAM/ Low CH



B26 / 1.4MHz / 64QAM/ Low CH



B26 / 1.4MHz / QPSK/ Mid CH



B26 / 1.4MHz / 16QAM/ Mid CH



B26 / 1.4MHz / 64QAM/ Mid CH



B26 / 1.4MHz / QPSK/ High CH



B26 / 1.4MHz / 16QAM/ High CH



B26 / 1.4MHz / 64QAM/ High CH



B26 / 3MHz / QPSK/ Low CH



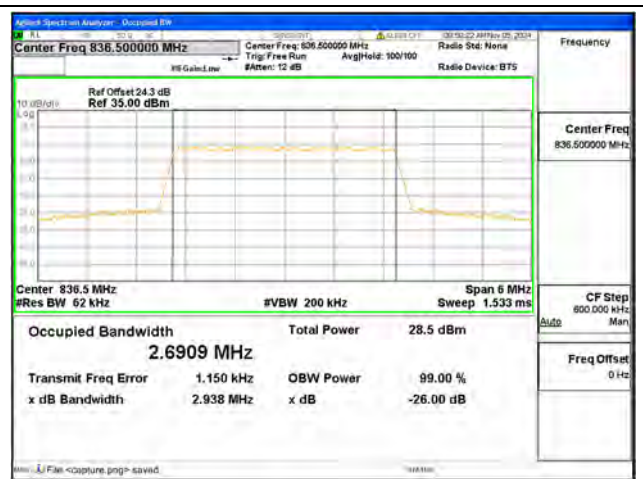
B26 / 3MHz / 16QAM/ Low CH



B26 / 3MHz / 64QAM/ Low CH



B26 / 3MHz / QPSK/ Mid CH



B26 / 3MHz / 16QAM/ Mid CH



B26 / 3MHz / 64QAM/ Mid CH



B26 / 3MHz / QPSK/ High CH



B26 / 3MHz / 16QAM/ High CH



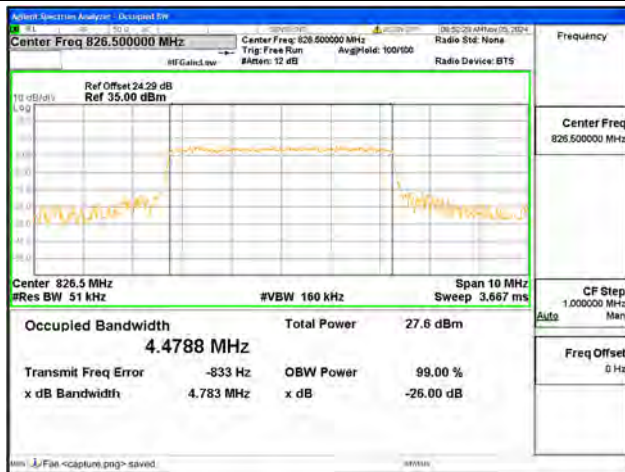
B26 / 3MHz / 64QAM/ High CH



B26 / 5MHz / QPSK/ Low CH



B26 / 5MHz / 16QAM/ Low CH



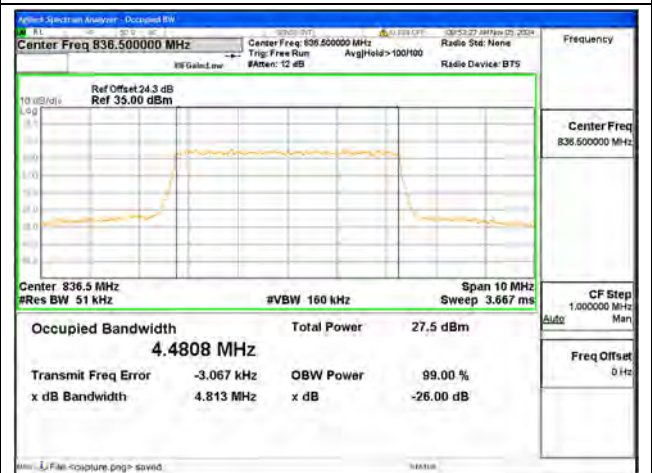
B26 / 5MHz / 64QAM/ Low CH



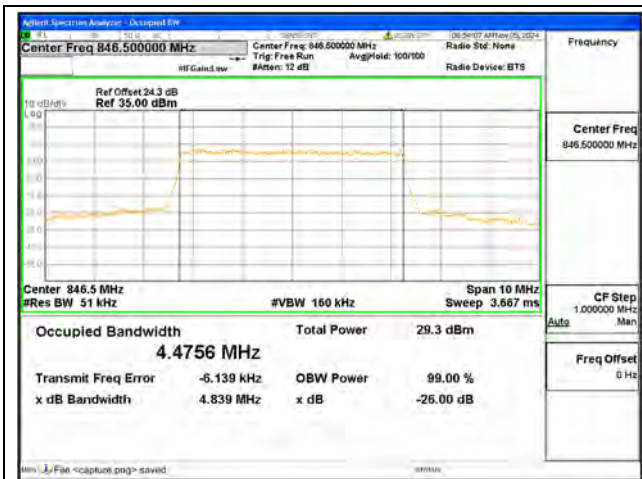
B26 / 5MHz / QPSK/ Mid CH



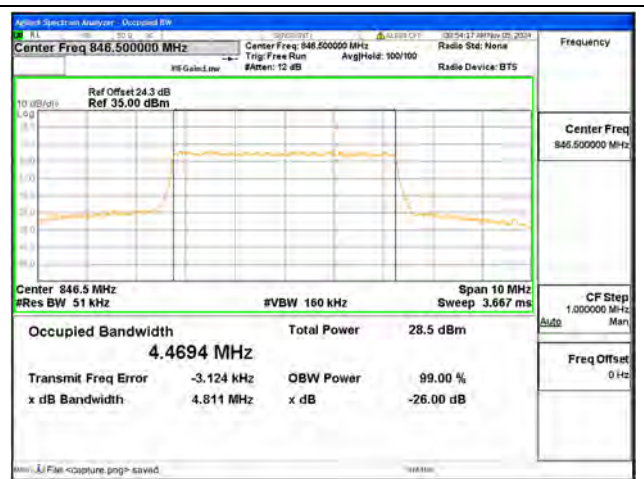
B26 / 5MHz / 16QAM/ Mid CH



B26 / 5MHz / 64QAM/ Mid CH



B26 / 5MHz / QPSK/ High CH



B26 / 5MHz / 16QAM/ High CH



B26 / 5MHz / 64QAM/ High CH



B26 / 10MHz / QPSK/ Low CH



B26 / 10MHz / 16QAM/ Low CH



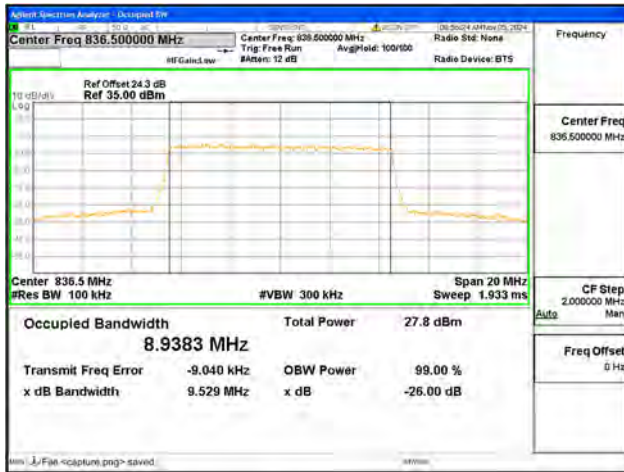
B26 / 10MHz / 64QAM/ Low CH



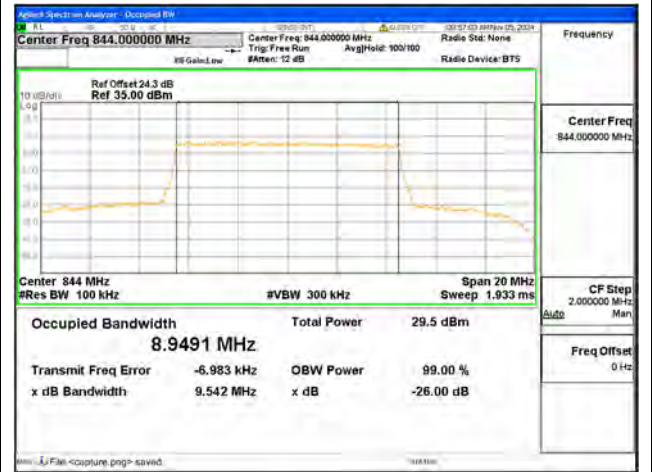
B26 / 10MHz / QPSK/ Mid CH



B26 / 10MHz / 16QAM/ Mid CH



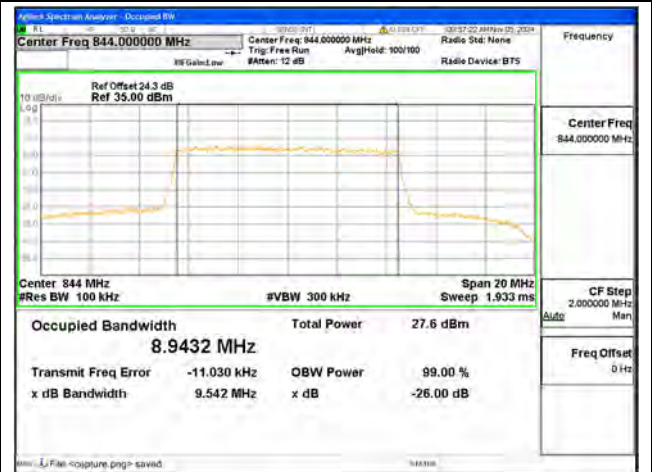
B26 / 10MHz / 64QAM/ Mid CH



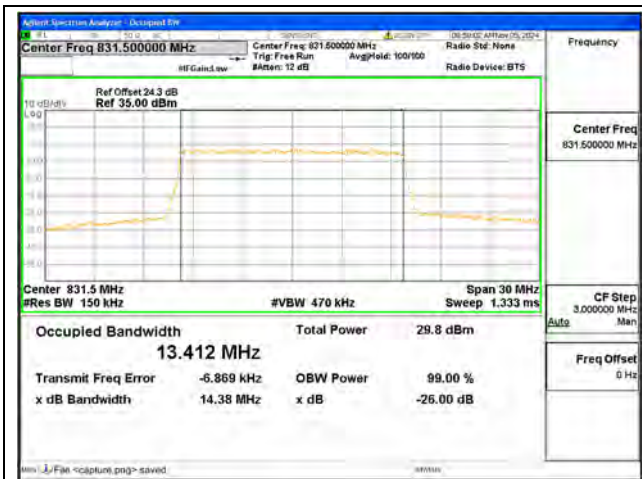
B26 / 10MHz / QPSK/ High CH



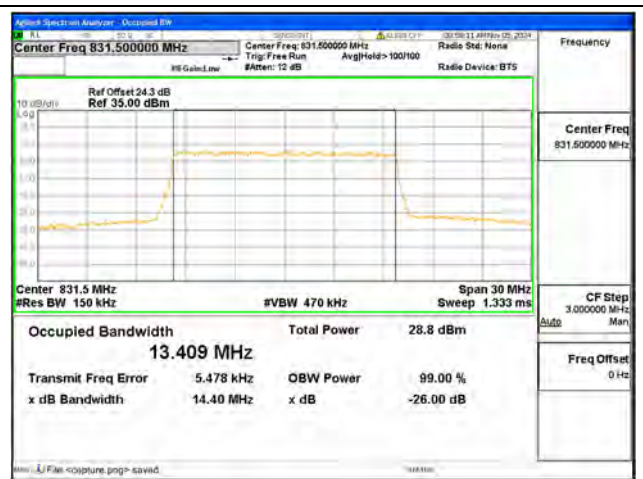
B26 / 10MHz / 16QAM/ High CH



B26 / 10MHz / 64QAM/ High CH



B26 / 15MHz / QPSK/ Low CH



B26 / 15MHz / 16QAM/ Low CH



B26 / 15MHz / 64QAM/ Low CH



B26 / 15MHz / QPSK/ Mid CH



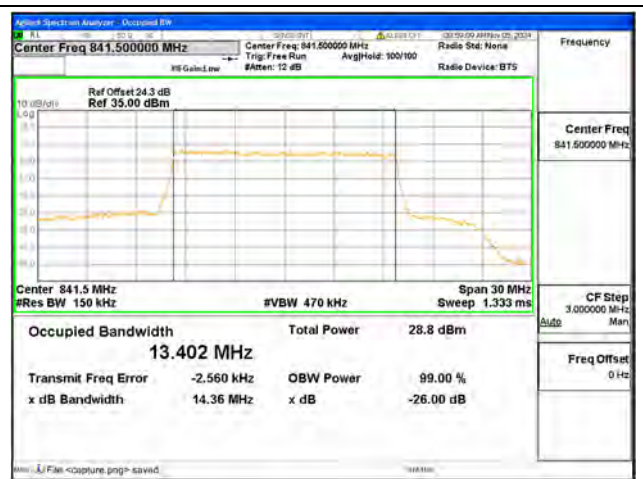
B26 / 15MHz / 16QAM/ Mid CH



B26 / 15MHz / 64QAM/ Mid CH



B26 / 15MHz / QPSK/ High CH



B26 / 15MHz / 16QAM/ High CH



B26 / 15MHz / 64QAM/ High CH



B38 / 5MHz / QPSK/ Low CH



B38 / 5MHz / 16QAM/ Low CH



B38 / 5MHz / 64QAM/ Low CH



B38 / 5MHz / QPSK/ Mid CH



B38 / 5MHz / 16QAM/ Mid CH



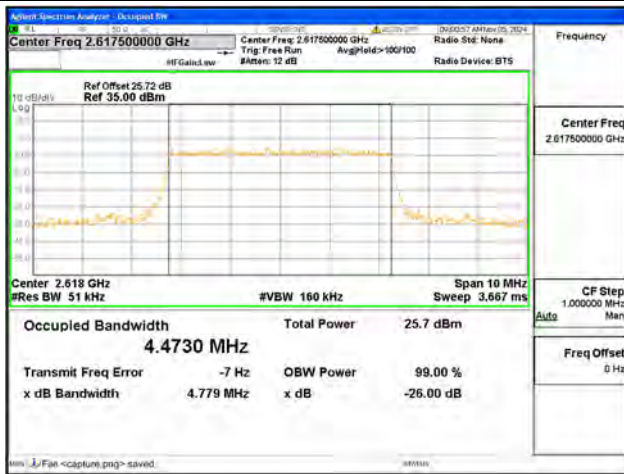
B38 / 5MHz / 64QAM/ Mid CH



B38 / 5MHz / QPSK/ High CH



B38 / 5MHz / 16QAM/ High CH



B38 / 5MHz / 64QAM/ High CH



B38 / 10MHz / QPSK/ Low CH



B38 / 10MHz / 16QAM/ Low CH



B38 / 10MHz / 64QAM/ Low CH



B38 / 10MHz / QPSK / Mid CH



B38 / 10MHz / 16QAM / Mid CH



B38 / 10MHz / 64QAM / Mid CH



B38 / 10MHz / QPSK / High CH



B38 / 10MHz / 16QAM / High CH



B38 / 10MHz / 64QAM / High CH



B38 / 15MHz / QPSK/ Low CH



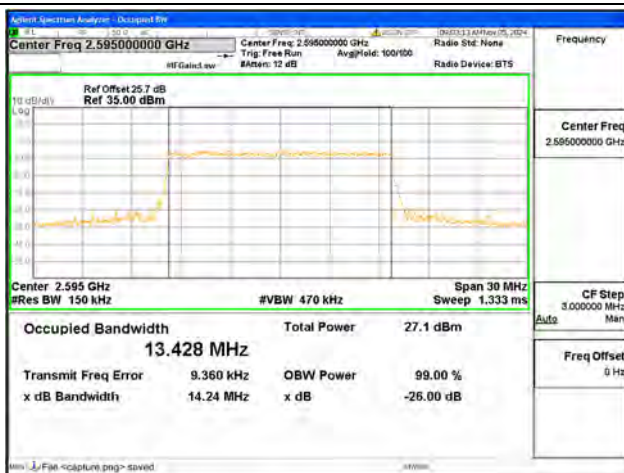
B38 / 15MHz / 16QAM/ Low CH



B38 / 15MHz / 64QAM/ Low CH



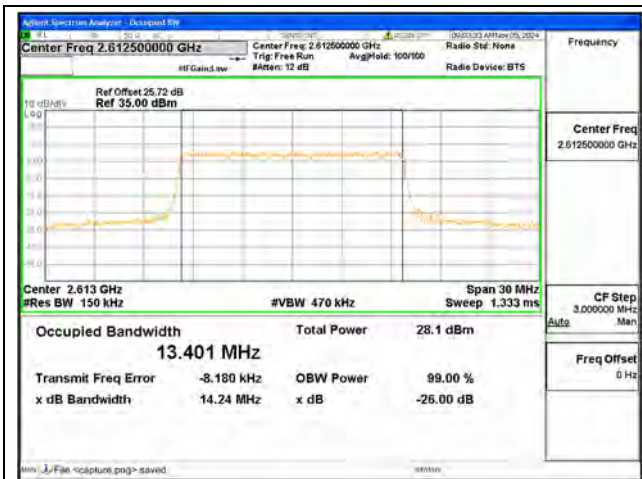
B38 / 15MHz / QPSK/ Mid CH



B38 / 15MHz / 16QAM/ Mid CH



B38 / 15MHz / 64QAM/ Mid CH



B38 / 15MHz / QPSK/ High CH



B38 / 15MHz / 16QAM/ High CH



B38 / 15MHz / 64QAM/ High CH



B38 / 20MHz / QPSK/ Low CH



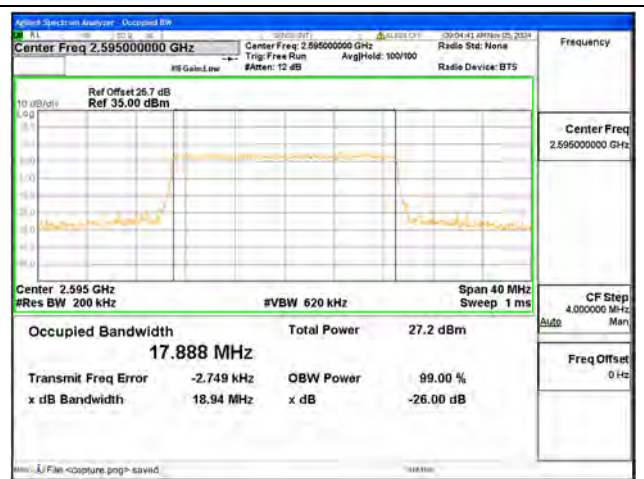
B38 / 20MHz / 16QAM/ Low CH



B38 / 20MHz / 64QAM/ Low CH



B38 / 20MHz / QPSK / Mid CH



B38 / 20MHz / 16QAM / Mid CH



B38 / 20MHz / 64QAM / Mid CH



B38 / 20MHz / QPSK / High CH



B38 / 20MHz / 16QAM / High CH



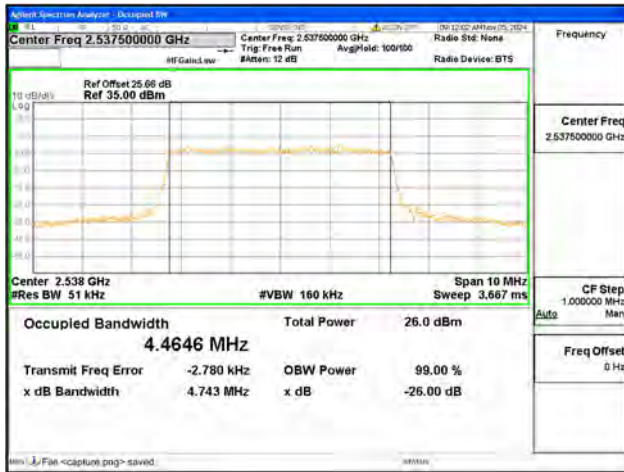
B38 / 20MHz / 64QAM / High CH



B41 / 5MHz / QPSK/ Low CH



B41 / 5MHz / 16QAM/ Low CH



B41 / 5MHz / 64QAM/ Low CH



B41 / 5MHz / QPSK/ Mid CH



B41 / 5MHz / 16QAM/ Mid CH



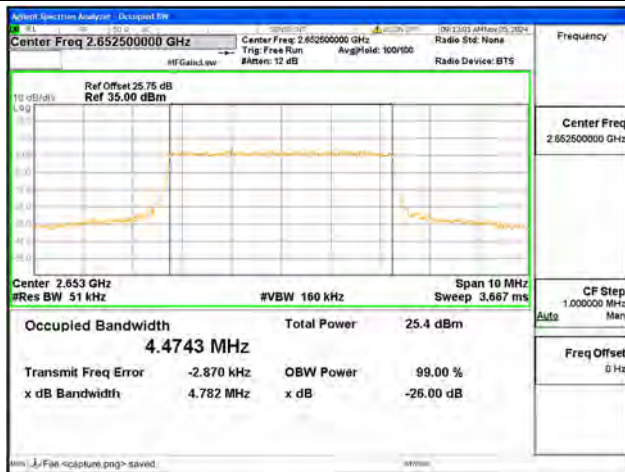
B41 / 5MHz / 64QAM/ Mid CH



B41 / 5MHz / QPSK/ High CH



B41 / 5MHz / 16QAM/ High CH



B41 / 5MHz / 64QAM/ High CH



B41 / 10MHz / QPSK/ Low CH



B41 / 10MHz / 16QAM/ Low CH



B41 / 10MHz / 64QAM/ Low CH



B41 / 10MHz / QPSK/ Mid CH



B41 / 10MHz / 16QAM/ Mid CH



B41 / 10MHz / 64QAM/ Mid CH



B41 / 10MHz / QPSK/ High CH



B41 / 10MHz / 16QAM/ High CH



B41 / 10MHz / 64QAM/ High CH



B41 / 15MHz / QPSK/ Low CH



B41 / 15MHz / 16QAM/ Low CH



B41 / 15MHz / 64QAM/ Low CH



B41 / 15MHz / QPSK/ Mid CH



B41 / 15MHz / 16QAM/ Mid CH



B41 / 15MHz / 64QAM/ Mid CH



B41 / 15MHz / QPSK/ High CH



B41 / 15MHz / 16QAM/ High CH



B41 / 15MHz / 64QAM/ High CH



B41 / 20MHz / QPSK/ Low CH



B41 / 20MHz / 16QAM/ Low CH



B41 / 20MHz / 64QAM/ Low CH



B41 / 20MHz / QPSK/ Mid CH



B41 / 20MHz / 16QAM/ Mid CH



B41 / 20MHz / 64QAM/ Mid CH



B41 / 20MHz / QPSK/ High CH



B41 / 20MHz / 16QAM/ High CH



B41 / 20MHz / 64QAM/ High CH



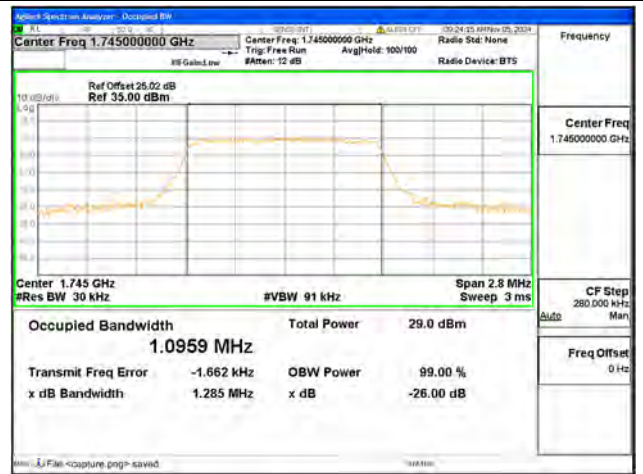
B66 / 1.4MHz / QPSK/ Low CH



B66 / 1.4MHz / 16QAM/ Low CH



B66 / 1.4MHz / 64QAM/ Low CH



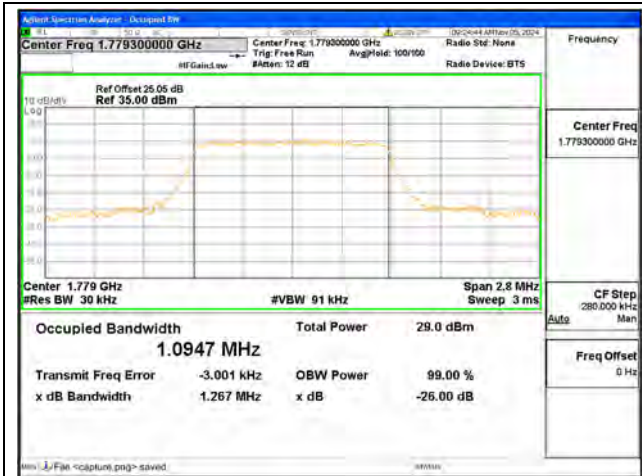
B66 / 1.4MHz / QPSK/ Mid CH



B66 / 1.4MHz / 16QAM/ Mid CH



B66 / 1.4MHz / 64QAM/ Mid CH



B66 / 1.4MHz / QPSK/ High CH



B66 / 1.4MHz / 16QAM/ High CH



B66 / 1.4MHz / 64QAM/ High CH



B66 / 3MHz / QPSK/ Low CH



B66 / 3MHz / 16QAM/ Low CH



B66 / 3MHz / 64QAM/ Low CH



B66 / 3MHz / QPSK/ Mid CH



B66 / 3MHz / 16QAM/ Mid CH



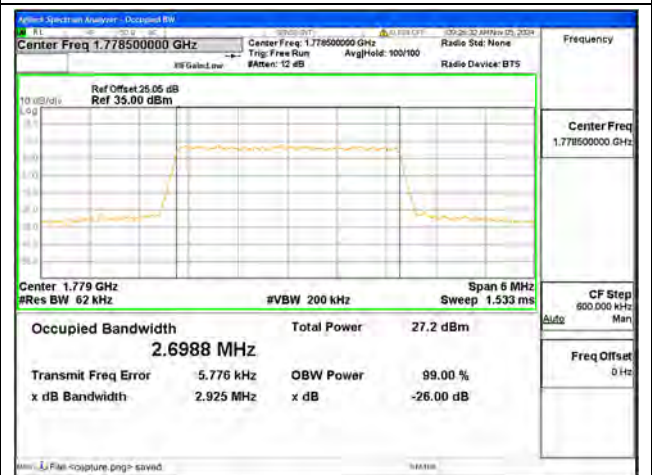
B66 / 3MHz / 64QAM/ Mid CH



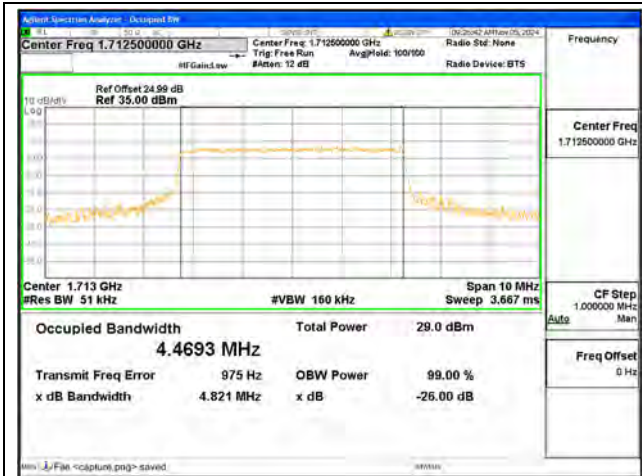
B66 / 3MHz / QPSK/ High CH



B66 / 3MHz / 16QAM/ High CH



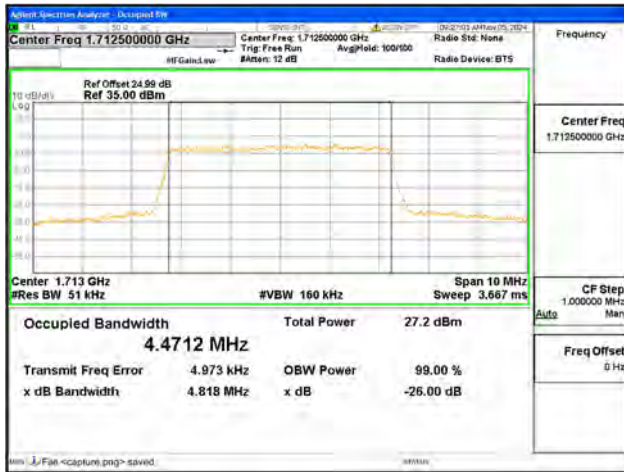
B66 / 3MHz / 64QAM/ High CH



B66 / 5MHz / QPSK/ Low CH



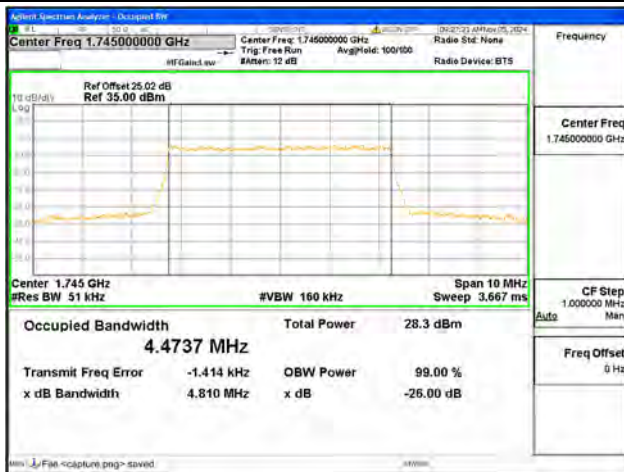
B66 / 5MHz / 16QAM/ Low CH



B66 / 5MHz / 64QAM/ Low CH



B66 / 5MHz / QPSK/ Mid CH



B66 / 5MHz / 16QAM/ Mid CH



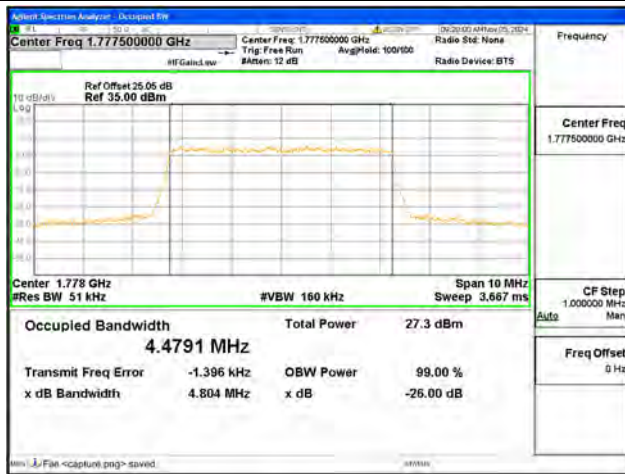
B66 / 5MHz / 64QAM/ Mid CH



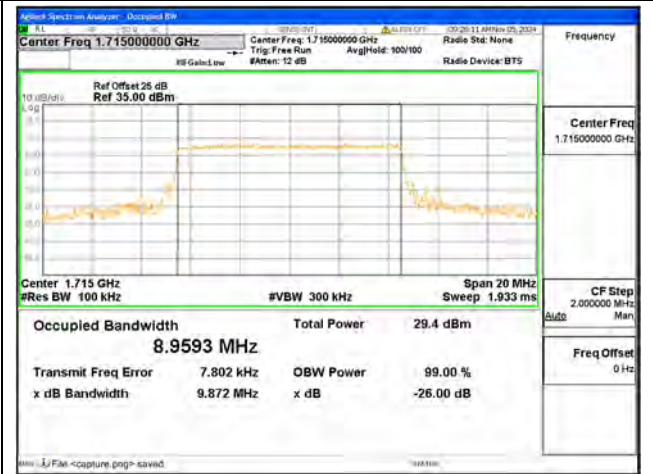
B66 / 5MHz / QPSK/ High CH



B66 / 5MHz / 16QAM/ High CH



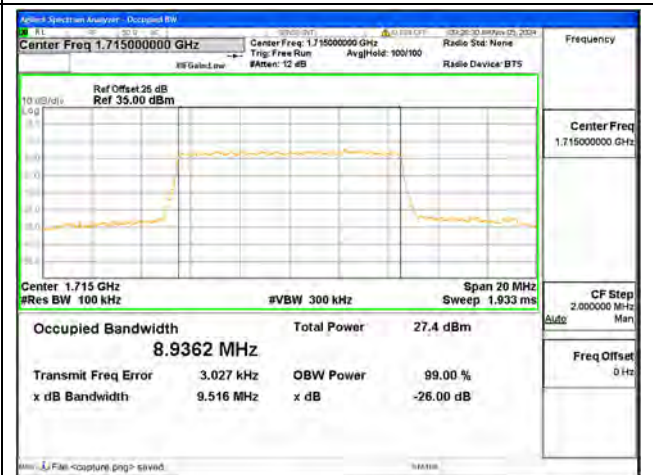
B66 / 5MHz / 64QAM/ High CH



B66 / 10MHz / QPSK/ Low CH



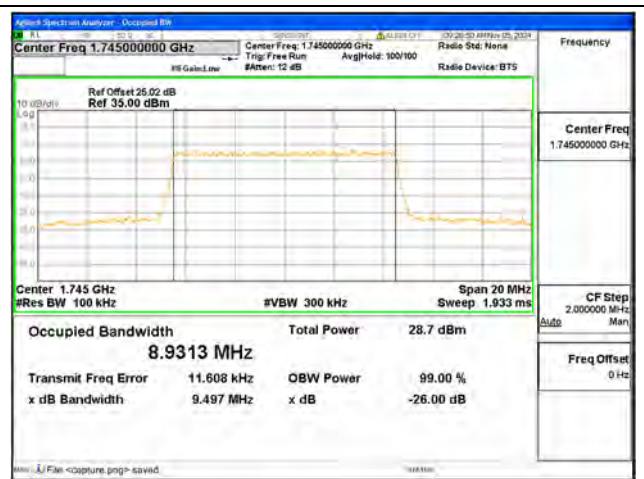
B66 / 10MHz / 16QAM/ Low CH



B66 / 10MHz / 64QAM/ Low CH



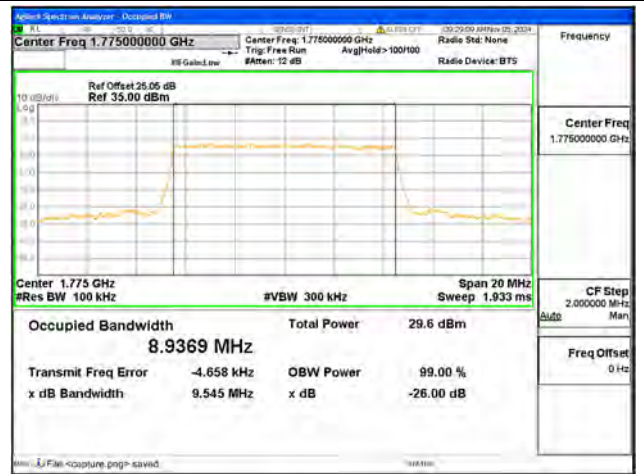
B66 / 10MHz / QPSK/ Mid CH



B66 / 10MHz / 16QAM/ Mid CH



B66 / 10MHz / 64QAM/ Mid CH



B66 / 10MHz / QPSK/ High CH



B66 / 10MHz / 16QAM/ High CH



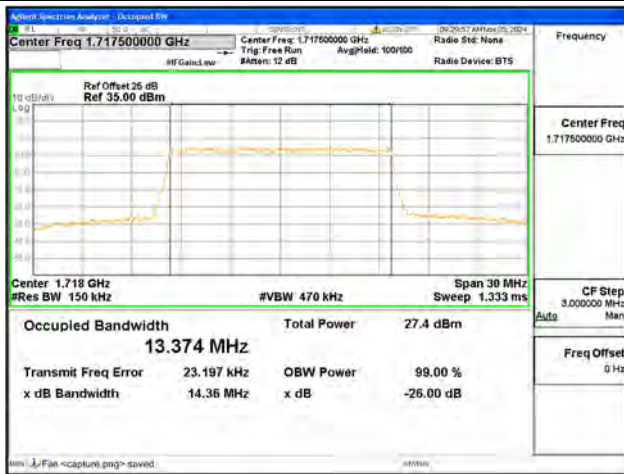
B66 / 10MHz / 64QAM/ High CH



B66 / 15MHz / QPSK/ Low CH



B66 / 15MHz / 16QAM/ Low CH



B66 / 15MHz / 64QAM/ Low CH



B66 / 15MHz / QPSK/ Mid CH



B66 / 15MHz / 16QAM/ Mid CH



B66 / 15MHz / 64QAM/ Mid CH



B66 / 15MHz / QPSK/ High CH



B66 / 15MHz / 16QAM/ High CH



B66 / 15MHz / 64QAM/ High CH



B66 / 20MHz / QPSK/ Low CH



B66 / 20MHz / 16QAM/ Low CH



B66 / 20MHz / 64QAM/ Low CH